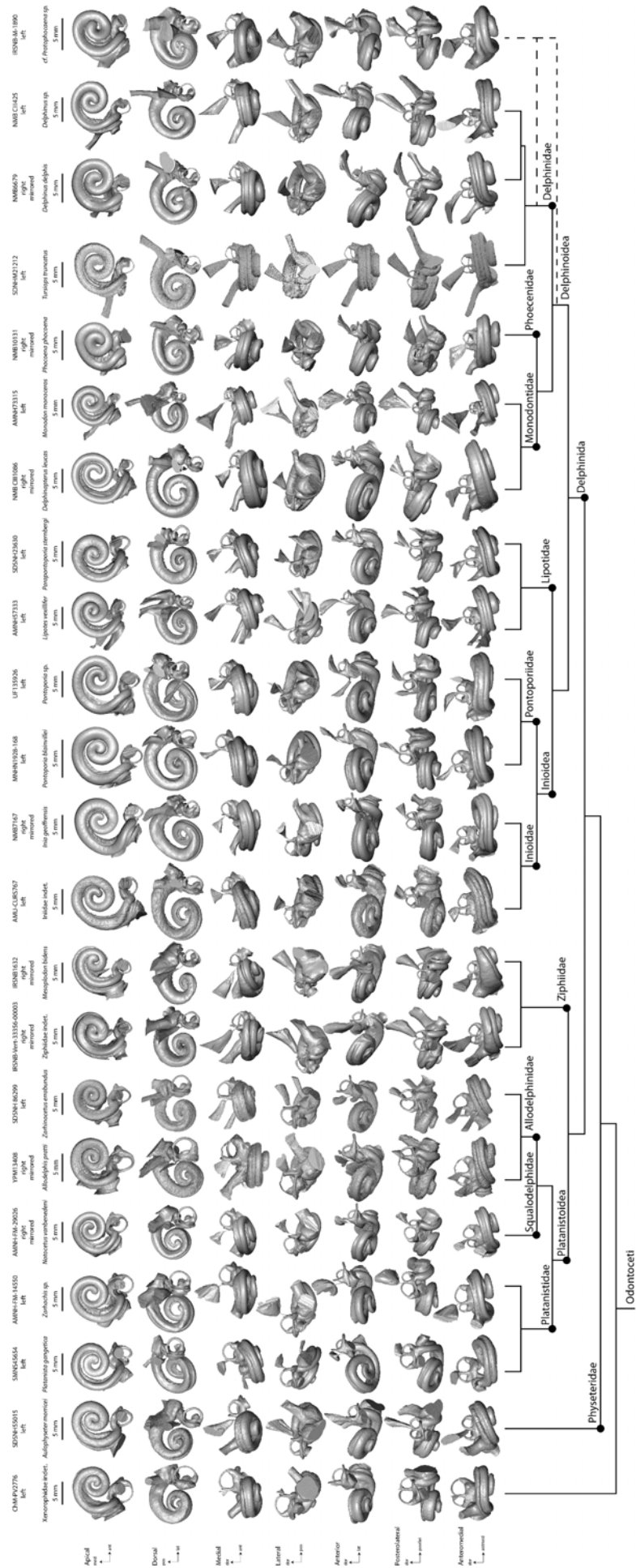


The bony labyrinth of toothed whales reflects both phylogeny and habitat preferences.

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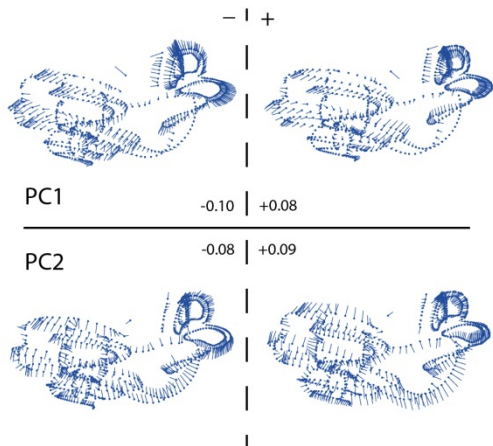
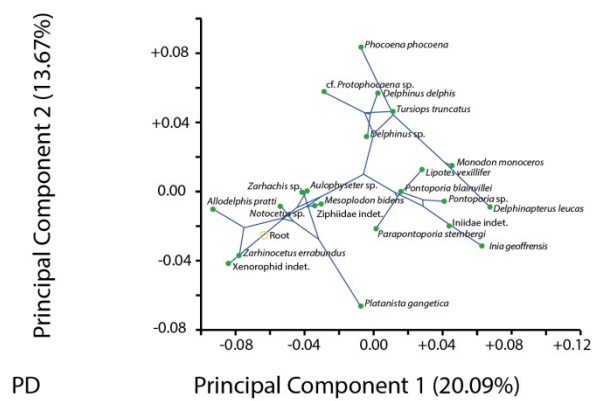
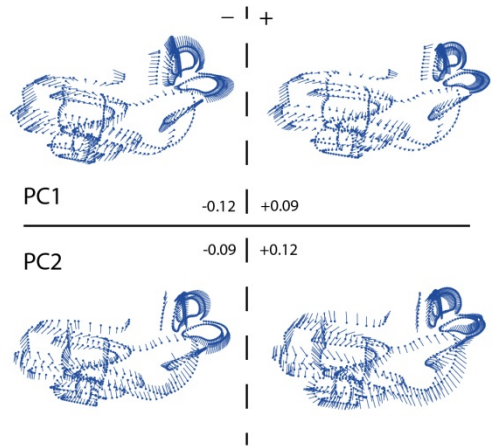
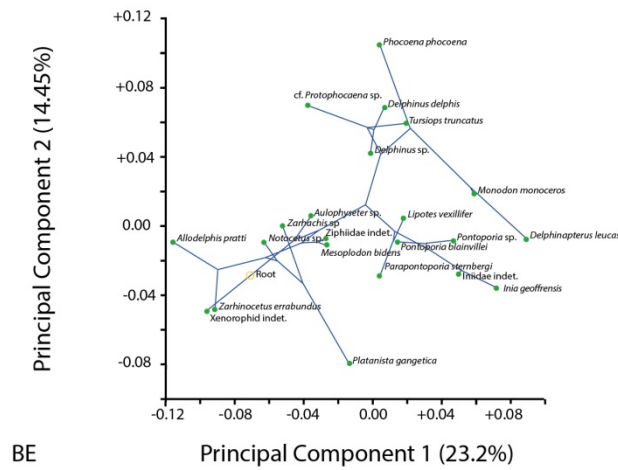
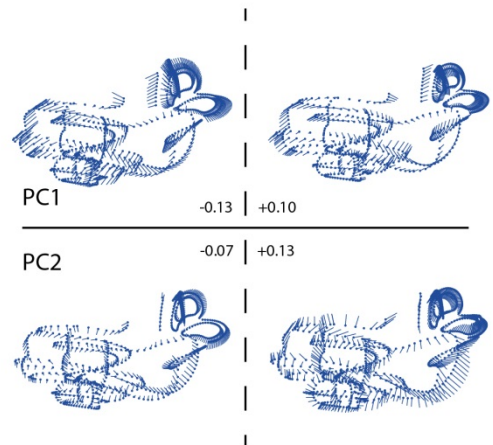
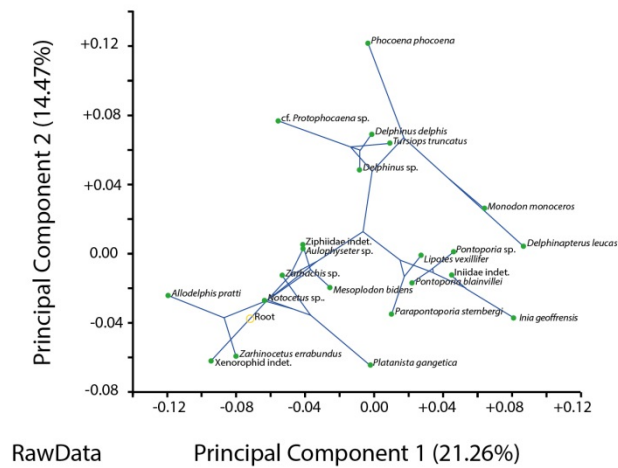
Supplementary Data 2: Bony labyrinths of all studied species in 7 views, arranged by clades following the composite phylogeny of Figure 1. “Left” and “right mirrored” on top refer to the side of the bony labyrinth.

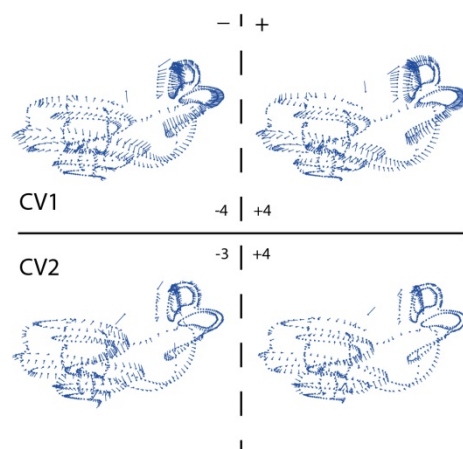
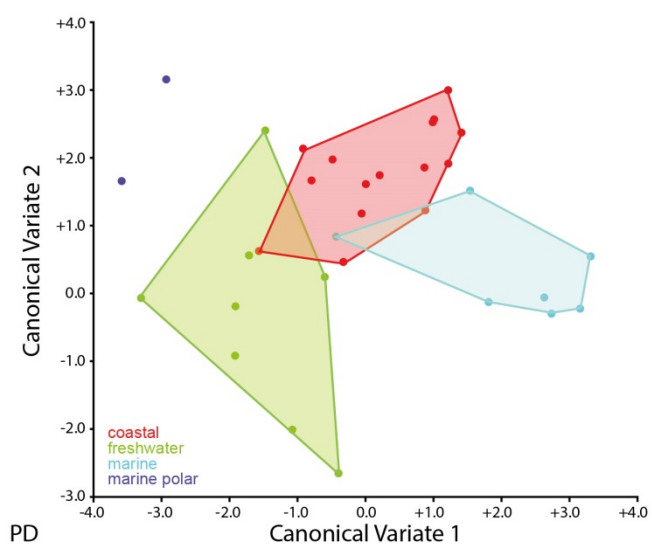
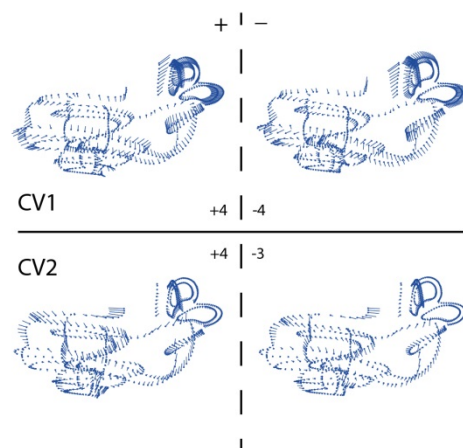
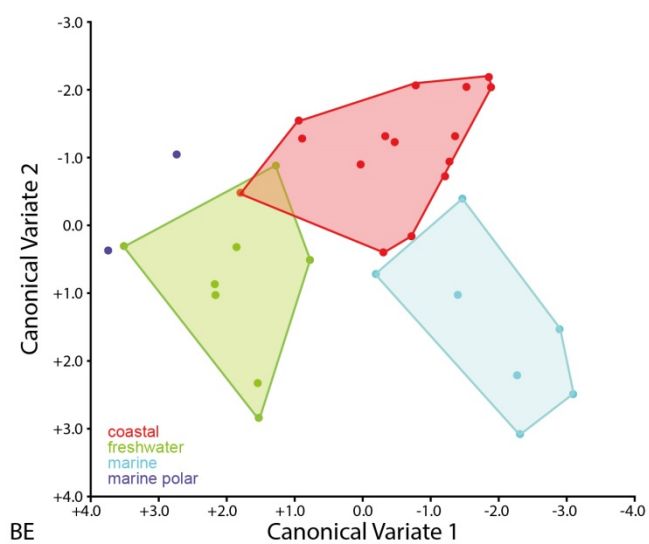
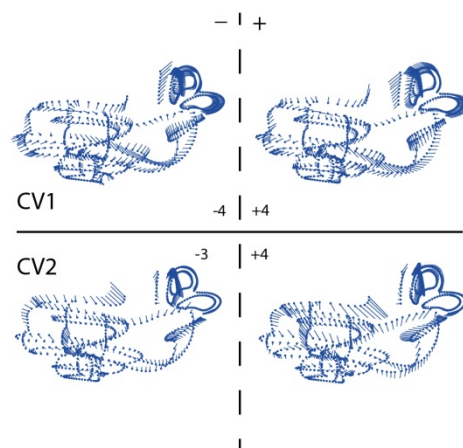
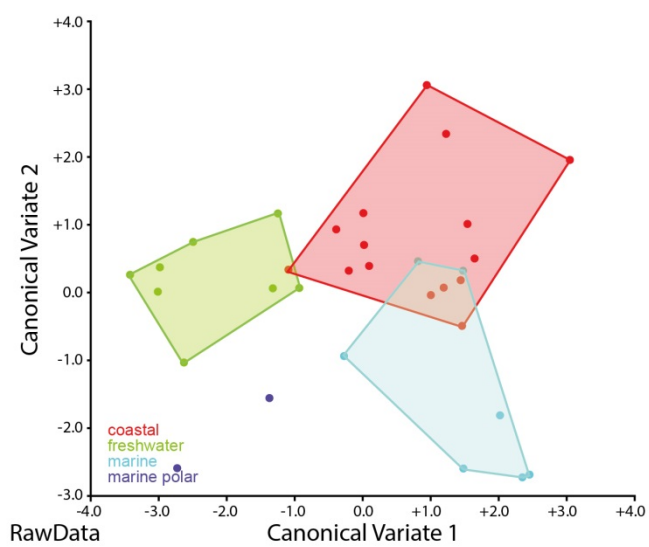


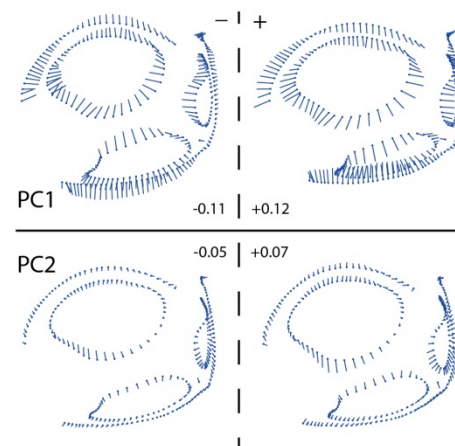
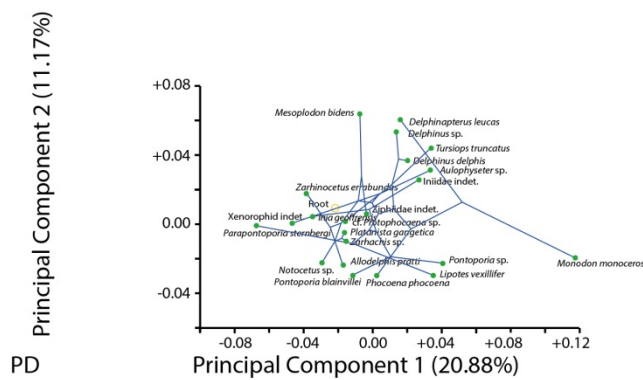
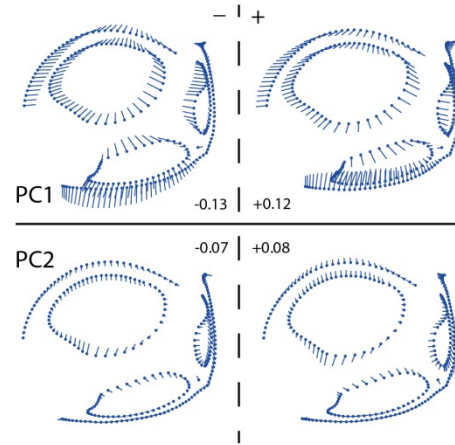
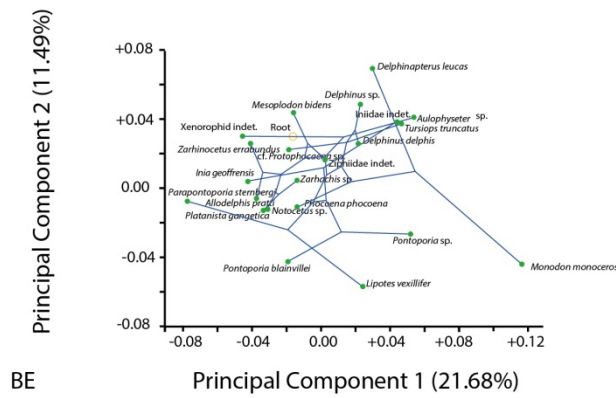
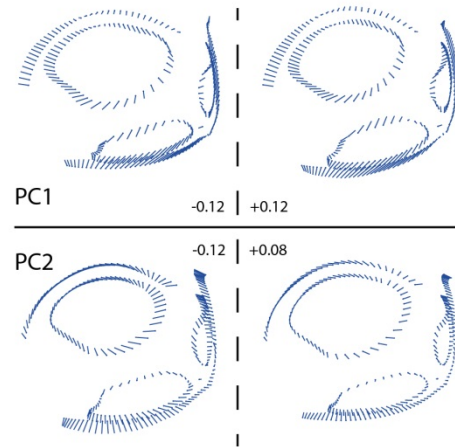
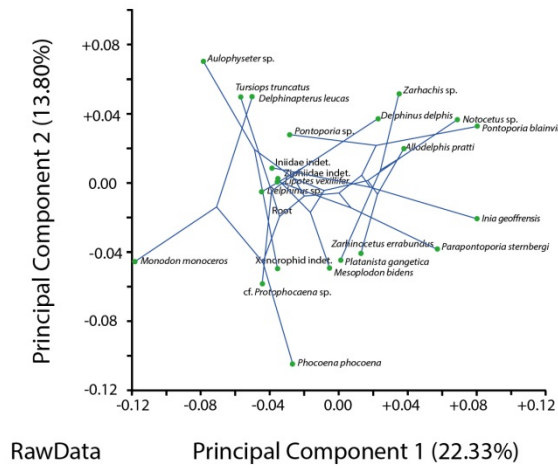
The bony labyrinth of toothed whales reflects both phylogeny and habitat preferences.

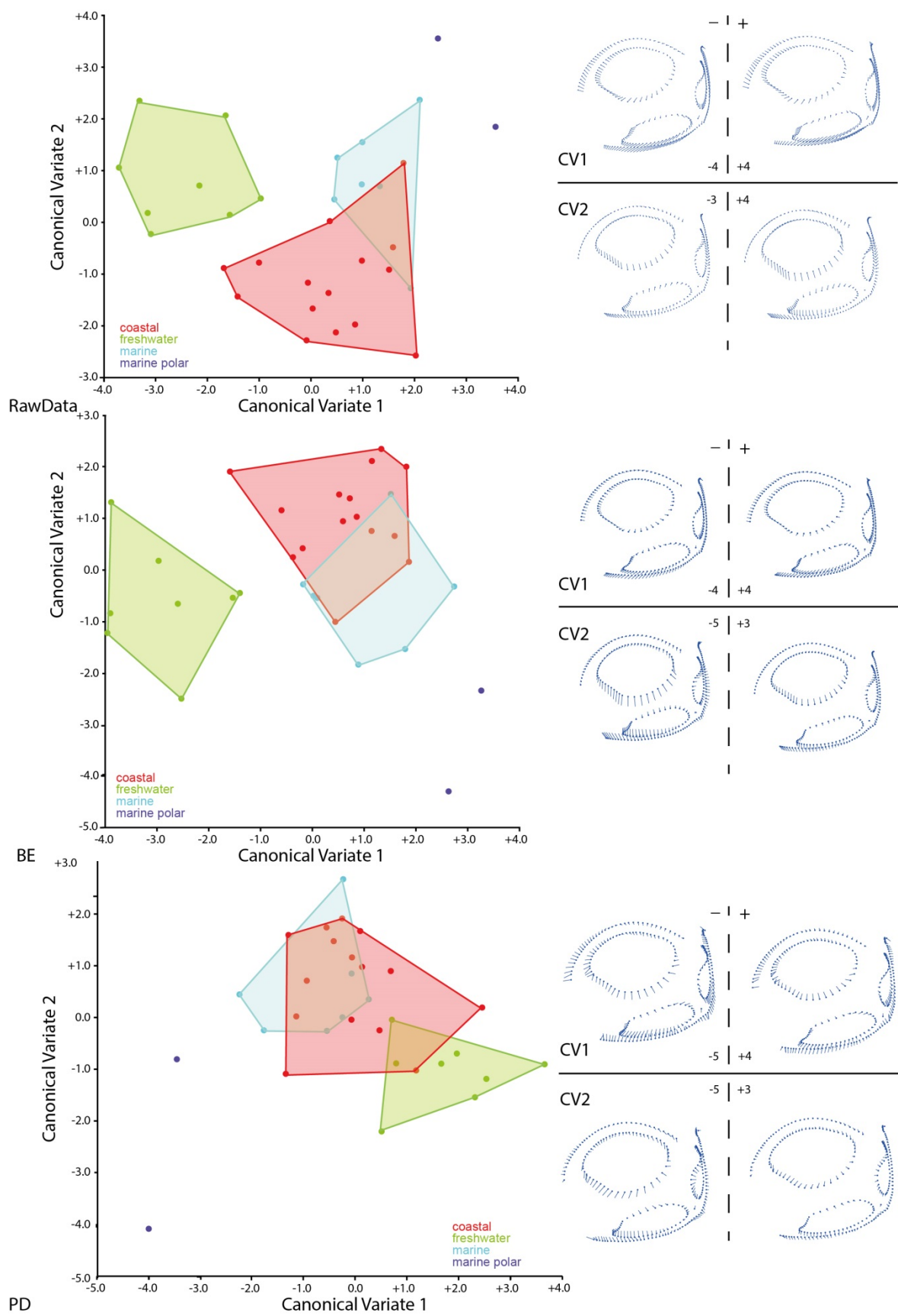
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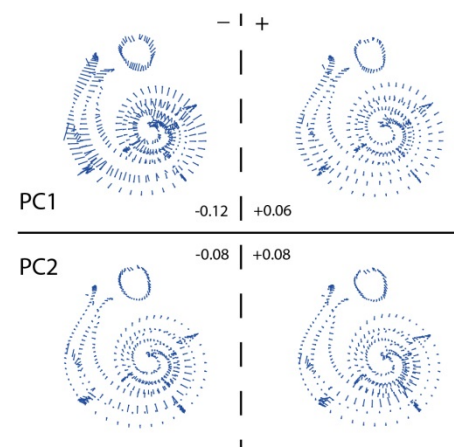
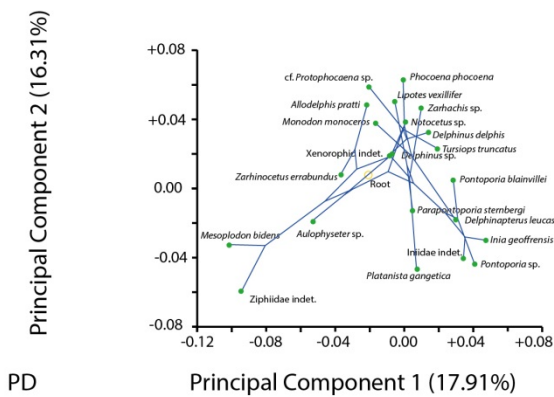
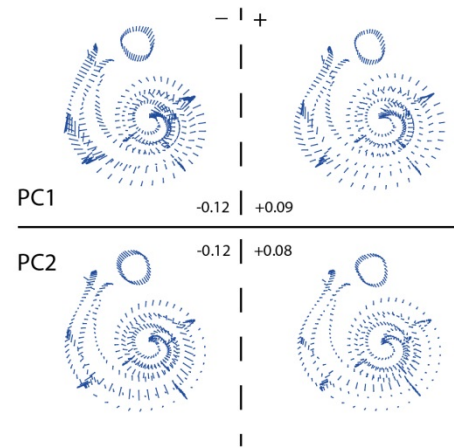
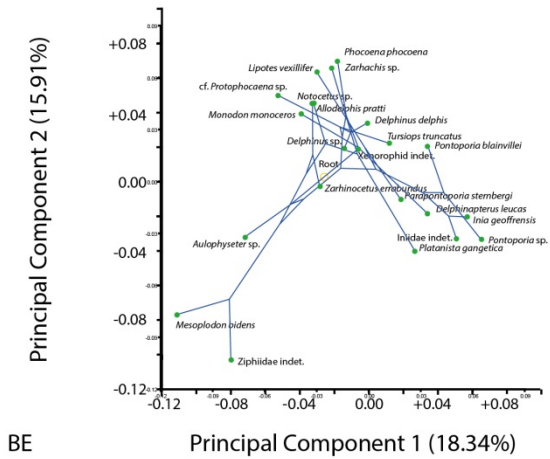
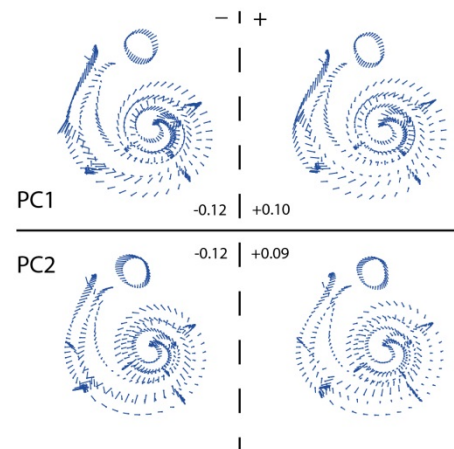
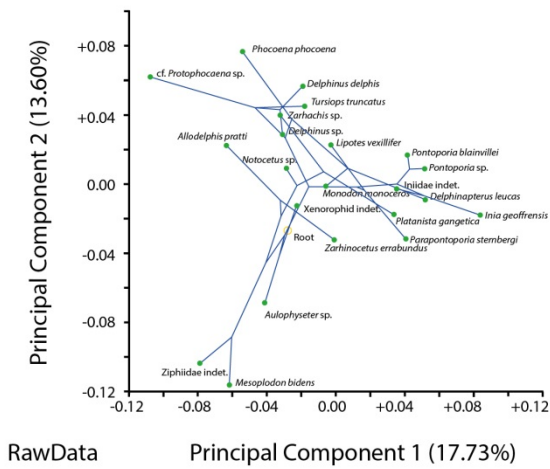
Supplementary Data 4: PCAs on the dataset with original data and slid landmarks by Bending Energy and Procrustes Distances. CVAs on the dataset with original data and slid landmarks by Bending Energy and Procrustes Distances. The first two figures illustrate PCA and CVA for the whole bony labyrinth, the two next figures illustrate PCA and CVA for the semi-circular canals only and the last two figures illustrate PCA and CVA for the cochlea only.

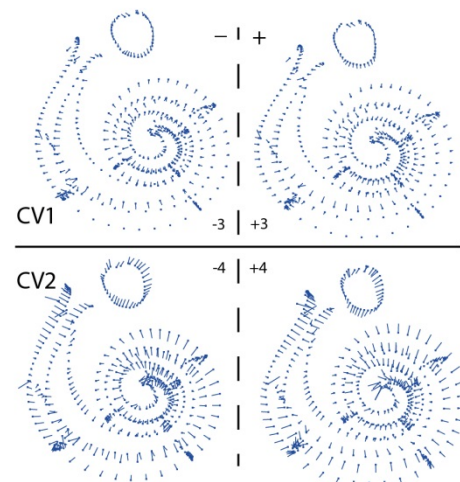
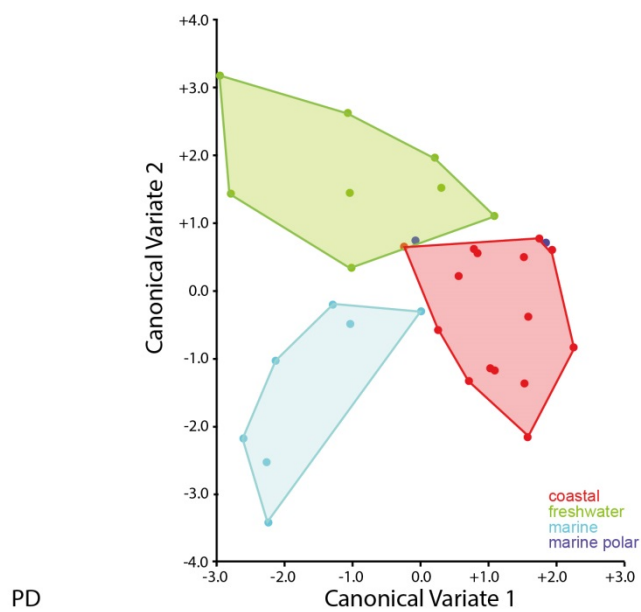
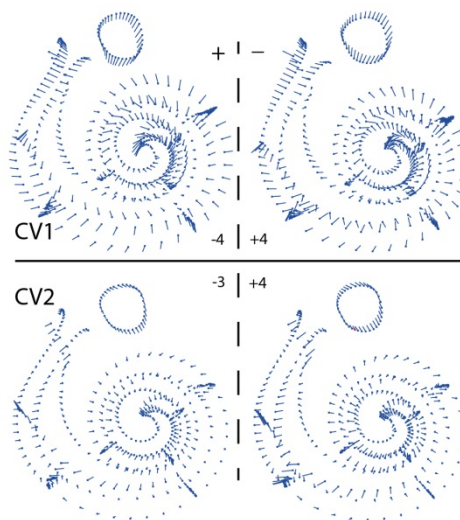
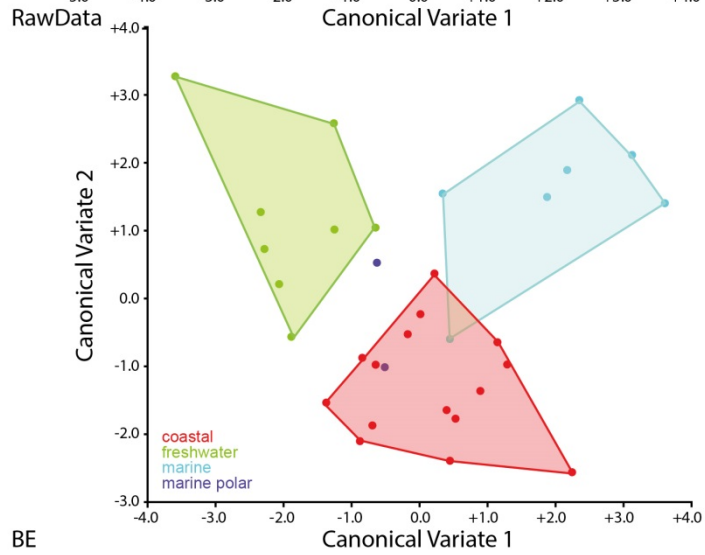
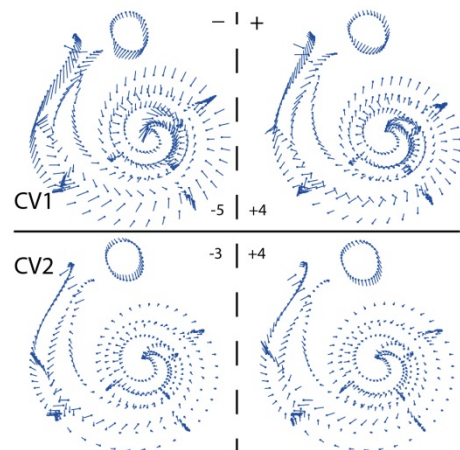
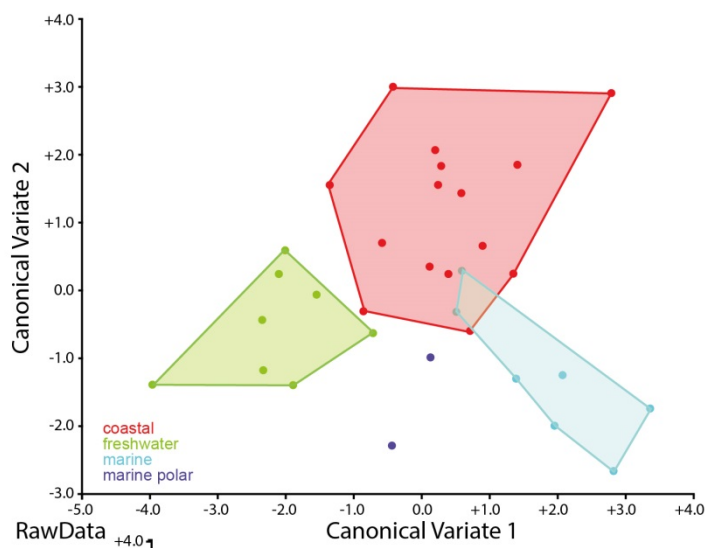












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Supplementary Information 5: Specimens information and scanning parameters.

Genus	Species	Collection Number	Institution	source	Scanning resolution (μm)	Scanner location
Allodelphis	pratti	YPM13408	Yale Peabody Museum	Boersma and Pyenson, 2016	21	Yale Peabody Museum of Natural History, CT
Aulophyseter	morricei	SDSNH55015	San Diego Natural History Museum	Ekdale, 2016	22.44	University of Texas CT-facility in Austin, TX (UTCT)
cf. Protophocaena	sp.	IRSNB-M-1890	Belgian Royal Institute of Natural Sciences	this study	40	Biomaterials Science Center, University of Basel
cf. Protophocaena	sp.	IRSNB-Vert-33356-00001	Belgian Royal Institute of Natural Sciences	this study	40	Biomaterials Science Center, University of Basel
Xenorophid	indet.	ChM-PV2776	Charleston Museum	Ekdale, 2016	25	University of Texas CT-facility in Austin, TX (UTCT)
Delphinapterus	leucas	NMB CIII1086	Naturhistorisches Museum Basel	this study	40	Biomaterials Science Center, University of Basel
Delphinus	delphis	NMB6679	Naturhistorisches Museum Basel	this study	40	Biomaterials Science Center, University of Basel
Delphinus	sp.	NMB CIII425	Naturhistorisches Museum Basel	this study	40	Biomaterials Science Center, University of Basel
Iniidae	indet.	AMU-CURS767	Coleccion Paleontologica de la Alcaldia Bolivariana de Urumaco, Venezuela	Aguirre-Fernandez et al. 2017	35	Biomaterials Science Center, University of Basel
Inia	geoffrensis	NMB7167	Naturhistorisches Museum Basel	Aguirre-Fernandez et al. 2017	30	Biomaterials Science Center, University of Basel
Inia	geoffrensis	NMB7168	Naturhistorisches Museum Basel	this study	30	Biomaterials Science Center, University of Basel
Lipotes	vexillifer	AMNH57333	American Museum of Natural History	this study	30.7	American Museum of Natural History, NY
Mesoplodon	bidens	IRSNB16232	Belgian Royal Institute of Natural Sciences	this study	35	Biomaterials Science Center, University of Basel
Monodon	monoceros	AMNH73315	American Museum of Natural History	this study	40.69	American Museum of Natural History, NY
Notocetus	vanbenedeni	AMNH-FM-29026	American Museum of Natural History	this study	38.21	American Museum of Natural History, NY
Parapontoporia	sternbergi	SDSNH20941	San Diego Natural History Museum	this study	35	Biomaterials Science Center, University of Basel
Parapontoporia	sternbergi	SDSNH23630	San Diego Natural History Museum	this study	35	Biomaterials Science Center, University of Basel
Phocaena	phocaena	NMB10131	Naturhistorisches Museum Basel	this study	40	Biomaterials Science Center, University of Basel
Platanista	gangetica	SMNS45654	Staatliches Museum für Naturkunde Stuttgart	this study	40	Biomaterials Science Center, University of Basel
Pontoporia	blainvillei	MNHN-1928-168	Muséum National d'Histoire Naturelle	this study	38	Biomaterials Science Center, University of Basel
Pontoporia	blainvillei	MNHN-1934-375	Muséum National d'Histoire Naturelle	this study	38	Biomaterials Science Center, University of Basel
Pontoporia	blainvillei	MNHN-1983-110	Muséum National d'Histoire Naturelle	this study	38	Biomaterials Science Center, University of Basel
Pontoporia	blainvillei	MNHN-1983-111	Muséum National d'Histoire Naturelle	Aguirre-Fernandez et al. 2017	38	Biomaterials Science Center, University of Basel
Pontoporia	sp.	UF135926	University of Florida Museum	this study	45	Biomaterials Science Center, University of Basel
Pontoporia	sp.	UF135935	University of Florida Museum	this study	45	Biomaterials Science Center, University of Basel
Pontoporia	sp.	UF-TRO26383	University of Florida Museum	this study	45	Biomaterials Science Center, University of Basel
Pontoporia	sp.	UF-TRO26394	University of Florida Museum	this study	45	Biomaterials Science Center, University of Basel
Tursiops	truncatus	SDNHM21212	San Diego Natural History Museum	Ekdale, 2016	40	University of Texas CT-facility in Austin, TX (UTCT)
Zarhachis	sp.	AMNH-FM-145500	American Museum of Natural History	this study	43.46	American Museum of Natural History, NY
Zarhinocetus	errabundus	SDSNH 86299	San Diego Natural History Museum	Ekdale, 2016	16.46	University of Texas CT-facility in Austin, TX (UTCT)
Ziphiidae	indet.	IRSNB-Vert-33356-00002	Belgian Royal Institute of Natural Sciences	this study	40	Biomaterials Science Center, University of Basel
Ziphiidae	indet.	IRSNB-Vert-33356-00003	Belgian Royal Institute of Natural Sciences	this study	40	Biomaterials Science Center, University of Basel

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Supplementary Information 6: Methods and statistics used in this study.

Methods

Geometric morphometrics analyses

Bony labyrinths were first segmented using Avizo Standard Edition 7.0 ®, 8.0 ® (Visualization Sciences Group, an FEI Company, 2013), and AVIZO Lite ® (2016). Segmentation of structures that open outside the periotic (cochlear aqueduct and endolymphatic sac) were carried out up to the aperture and stopped when they opened.

Left bony labyrinths were preferably selected when available. When not, right ones were selected and reflected using an application of Landmark Editor 3.6 software (Wiley, 2006).

Aguirre-Fernandez et al. (2017) detail the 3D geometric morphometrics analyses applied here. We used Landmark Editor to digitize the specimens with a large number of landmarks (i.e., 717). This brings strong congruence with the actual shape of the bony labyrinth. After collecting the landmarks, two other approaches were tested where we slid the semi-landmarks along the curves during the superimposition process of the Generalized Procrustes Analysis minimizing Bending Energy (BE) and the Procrustes Distances (PD) (see Tseng et al. (2015) and Grohé et al. (2016)). Both methods were carried out with the Geomorph package implemented in R, version 3.1.1. Finally, shape variation in bony labyrinth morphology (disparity and similarity using PCA and CVA) was investigated using the geometric morphometrics and statistical methods of MorphoJ 1.06d (Klingenberg, 2011).

All methods were applied to several datasets consisting of either the entire bony labyrinth or subsets as defined by the semi-circular canals only (i.e., 256; Landmarks 1 to 256) and the cochlea only (i.e., 451 landmarks; Landmarks 257 to 707). The landmarks 708 to 717 represent the vestibular aqueduct. The three datasets were then analysed without sliding (Raw Data) or using both criteria (BE and PD); nine datasets were then created. We run the multivariate analyses on the three datasets for comparative purposes.

Principal Component Analysis (PCA) is used to visualise the overall shape variation among specimens. Distances in this space are real measures of differences among specimens. In the space defined by PC axes, groups may appear as clusters if there is similarity of shape within them. It is noteworthy that the axes describe variation within the overall sample and not morphological differences between the groups.

The phylogenetic signal was tested by first mapping the tree to the shape data (polymorphospace), via squared-change parsimony, and calculating the length of the tree. A permutation procedure was then used to shuffle the shape data among the tips of the tree. Finally, the permuted tree lengths were compared to the original tree (randomised rounds: 10000) (Klingenberg and Gidaszewski, 2010).

The phylogenetic hypothesis (presented on Figure 1) is based on the combined data of Barnes (2006), Hassanin et al. (2012), and Geisler et al. (2014). In contrast to Lambert & Post (2005), we suggest that the specimens attributed to cf. *Protophocaena* from Belgium are not pontoporiids, but basal delphinids based on the shape of the bony labyrinth. The phylogenetic tree was created using Mesquite 3.04 (Maddison and Maddison 2010).

The impact of allometry on the shape has been tested using a MorphoJ routine. A regression using the PC scores and the centroid size was performed. A permutation test (number of rounds 10,000) gave the p-values.

Canonical Variate Analysis (CVA) was applied to all three above-mentioned datasets (RawData, BE, PD). It is an ordination method that maximises between group variation, relative to within group variation, according to the specified grouping variable (randomised rounds: 10000). Distances in this space are distorted, and do not represent the actual

difference between specimens or groups, but are instead scaled relative to within group variation. This analysis allows us to investigate shape differences that may be related to habitat preference (freshwater, coastal, fully marine, and marine polar animals) by performing permutation tests of pairwise distances (using Mahalanobis and Procrustes distances) between the grouping variable (here the type of habitat). It is important to note that CVA has some important assumptions regarding the number of specimens and groups relative to the number of variables in the analysis (see Mitteroecker and Bookstein, 2011, particularly Figures 3-5). The group that has few taxa (in our dataset: “ marine polar”) is problematic, because the method uses within-group versus between group differences to calculate the axes. And thus in small groups, the difference between them and the others will be incorrectly estimated. These morphological modifications are highlighted in the results obtained from the different datasets. Nevertheless, more thorough conclusions can be provided on the relationship between shape and ecology based on the three other habitats.

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Supplementary Information 7: References for data used in Figure 1.

Age of the nodes

Aguirre-Fernández, G., Mennecart, B., Sánchez-Villagra, M., Sánchez, R. & Costeur, L. A dolphin fossil ear bone from the northern Neotropics—insights into habitat transitions in iniid evolution. *J. Vert. Paleontol.* **37**(3), e1315817 (2017).

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Kimura, T. & Barnes, L. G. New Miocene fossil Allodelphinidae (Cetacea, Odontoceti, Platanistoidea) from the North Pacific Ocean. *Bull. Gunma Mus. Natu. Hist.* **20**, 1–58 (2016).

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Tree topography

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Geisler, J. H., Colbert, M. W. & Carew, J. L. A new fossil species supports an early origin for toothed whale echolocation. *Nature* **508**, 383–386 (2014).

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Ecological and palaeoecological inferences

Aguirre-Fernández, G., Mennecart, B., Sánchez-Villagra, M., Sánchez, R. & Costeur, L. A dolphin fossil ear bone from the northern Neotropics—insights into habitat transitions in iniid evolution. *J. Vert. Paleontol.* **37**(3), e1315817 (2017).

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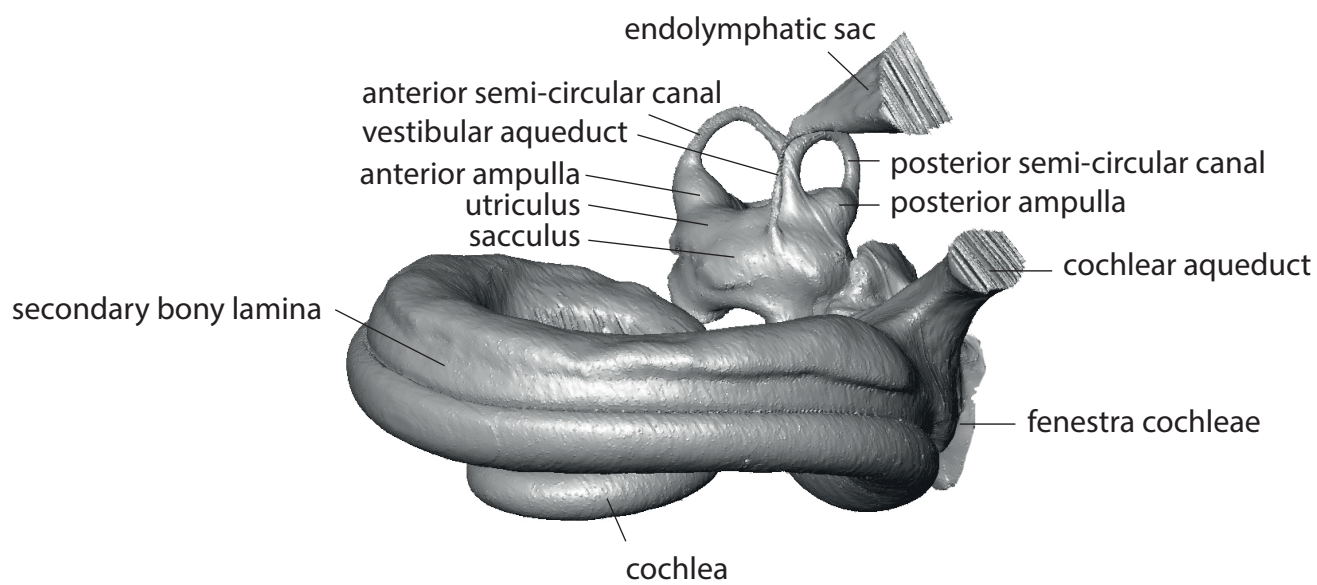
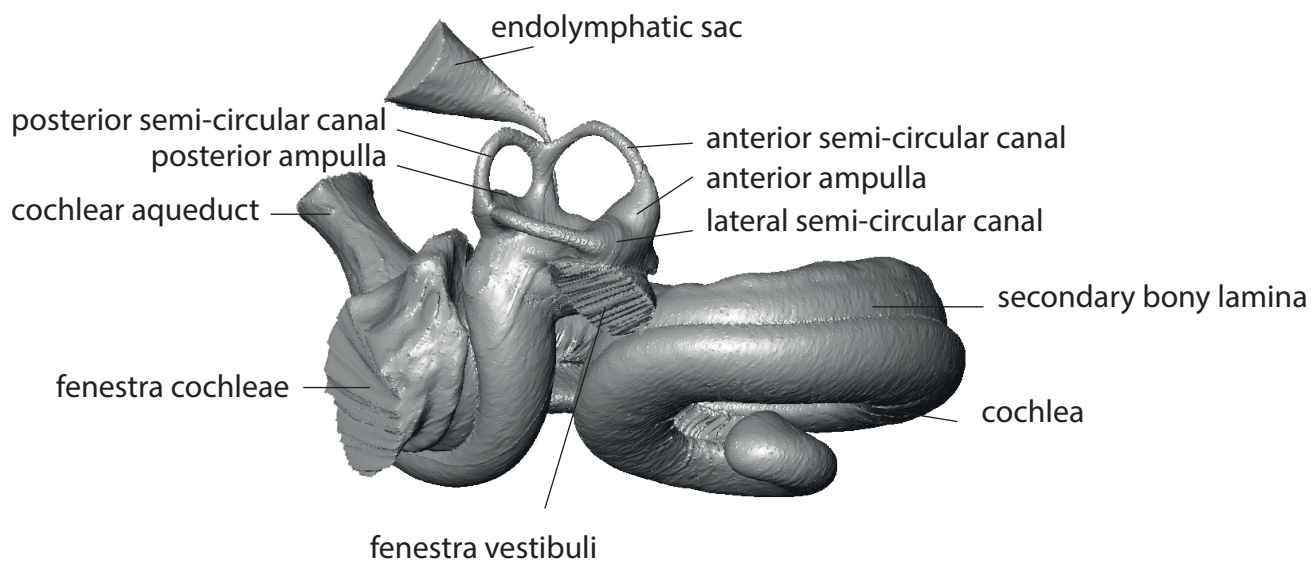
Lambert, O., de Muizon, C. & Bianucci, G. The most basal beaked whale *Ninoziphius platyrostris* Muizon, 1983: clues on the evolutionary history of the family Ziphiidae (Cetacea: Odontoceti). *Zool. J Linn. Soc.* **167**, 569–598 (2013).

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Supplementary Information 8: Nomenclature of the bony labyrinth; specimen NMB 7167, *Inia geoffrensis*.



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Supplementary Data 9: Results of the geometric morphometric analyses for the three datasets using the original data (RawData) and the two sliding protocols (Bending Energy and Procrustes Distances).

New Procrustes fit:

Dataset 'BE_All'

717 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.02961287	0.00007956	-0.01542495
2	-0.02688184	-0.01715574	-0.00513417
3	-0.02726320	-0.01727447	-0.00565098
4	-0.02761520	-0.01723263	-0.00634578
5	-0.02787930	-0.01703551	-0.00709598
6	-0.02811674	-0.01673799	-0.00785903
7	-0.02833863	-0.01635572	-0.00862419
8	-0.02857050	-0.01584521	-0.00940742
9	-0.02877505	-0.01525608	-0.01017585
10	-0.02898250	-0.01461619	-0.01093455
11	-0.02916764	-0.01388747	-0.01174577
12	-0.02929433	-0.01310197	-0.01247140
13	-0.02939805	-0.01228808	-0.01310077
14	-0.02945195	-0.01143297	-0.01367248
15	-0.02946972	-0.01053827	-0.01414700
16	-0.02941046	-0.00960975	-0.01453705
17	-0.02934366	-0.00863582	-0.01485643
18	-0.02920144	-0.00765484	-0.01506528
19	-0.02898743	-0.00668120	-0.01513642

20	-0.02874612	-0.00566804	-0.01516863
21	-0.02829323	-0.00431345	-0.01505532
22	-0.02785277	-0.00313155	-0.01477510
23	-0.02736512	-0.00203913	-0.01433250
24	-0.02672310	-0.00112912	-0.01362951
25	-0.02600015	-0.00051806	-0.01272510
26	-0.02517343	0.00003406	-0.01158476
27	-0.02427858	0.00049156	-0.01018811
28	-0.02325083	0.00074414	-0.00855101
29	-0.02212164	0.00067072	-0.00678330
30	-0.02154042	0.00024057	-0.00544540
31	-0.02113444	-0.00070394	-0.00430513
32	-0.02098579	-0.00186264	-0.00356623
33	-0.02096887	-0.00318391	-0.00294485
34	-0.02108271	-0.00469324	-0.00238386
35	-0.02133778	-0.00633864	-0.00188889
36	-0.02173256	-0.00809185	-0.00146348
37	-0.02227817	-0.00990887	-0.00112538
38	-0.02289490	-0.01153259	-0.00134231
39	-0.02319160	-0.01211671	-0.00176420
40	-0.02360232	-0.01272447	-0.00232029
41	-0.02404658	-0.01335561	-0.00288818
42	-0.02447239	-0.01400222	-0.00337117
43	-0.02491398	-0.01467447	-0.00375340
44	-0.02541278	-0.01537931	-0.00402765
45	-0.02594728	-0.01607269	-0.00425744
46	-0.02649058	-0.01670432	-0.00461637
47	-0.02739189	-0.02131576	-0.00331920

48	-0.02762199	-0.02120635	-0.00376542
49	-0.02784330	-0.02105954	-0.00424012
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51	-0.02832169	-0.02058738	-0.00547844
52	-0.02856412	-0.02024060	-0.00616852
53	-0.02881270	-0.01985963	-0.00690788
54	-0.02904427	-0.01943267	-0.00766381
55	-0.02929223	-0.01896058	-0.00842875
56	-0.02953362	-0.01847111	-0.00931756
57	-0.02974282	-0.01789935	-0.01013716
58	-0.02994083	-0.01730244	-0.01090713
59	-0.03013274	-0.01668564	-0.01164350
60	-0.03030021	-0.01605320	-0.01235490
61	-0.03041069	-0.01536534	-0.01295610
62	-0.03053785	-0.01471604	-0.01360805
63	-0.03063087	-0.01403706	-0.01416304
64	-0.03070848	-0.01331736	-0.01468989
65	-0.03072993	-0.01260763	-0.01519698
66	-0.03071036	-0.01189696	-0.01561249
67	-0.03067375	-0.01116113	-0.01601025
68	-0.03060896	-0.01042235	-0.01634418
69	-0.03050566	-0.00967427	-0.01663010
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71	-0.03022189	-0.00816635	-0.01700094
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75	-0.02944187	-0.00505604	-0.01711339

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78	-0.02868680	-0.00286445	-0.01678003
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82	-0.02711088	0.00052260	-0.01581910
83	-0.02660062	0.00144529	-0.01551448
84	-0.03370399	0.01055076	-0.00519351
85	-0.03423478	0.01046795	-0.00527142
86	-0.03479850	0.01033496	-0.00548411
87	-0.03526775	0.01017186	-0.00581784
88	-0.03569485	0.00998337	-0.00623081
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92	-0.03673201	0.00912097	-0.00817761
93	-0.03687399	0.00884952	-0.00873755
94	-0.03698385	0.00851927	-0.00931452
95	-0.03700982	0.00818631	-0.00989772
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97	-0.03682216	0.00747347	-0.01106694
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124	-0.02952246	0.01021178	-0.00585584
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267	-0.02066859	-0.00024108	0.01429625
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277	-0.01192904	-0.01100245	0.01338127
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344	0.01650757	-0.03392314	0.00471561
345	0.01724085	-0.03380220	0.00583910
346	0.01819828	-0.03334225	0.00712311
347	0.01955369	-0.03216158	0.00854230
348	0.02110104	-0.02998885	0.00955205
349	0.02228858	-0.02745162	0.00979012
350	0.02736178	0.01071418	-0.00049084
351	0.02926678	0.01309232	0.00092045
352	0.03096006	0.01470643	0.00296506
353	0.03218289	0.01542574	0.00487799
354	0.03309986	0.01571986	0.00651676
355	0.03375703	0.01574526	0.00787341

356	0.03422557	0.01541442	0.00926504
357	0.03444337	0.01441573	0.01078786
358	0.03421712	0.01257007	0.01223565
359	0.03347118	0.01025768	0.01304261
360	0.03626888	-0.00772611	-0.00001093
361	0.03884792	-0.00888330	0.00044536
362	0.04107107	-0.00971609	0.00139649
363	0.04264667	-0.01016488	0.00262707
364	0.04362654	-0.01031209	0.00389898
365	0.04415123	-0.01025041	0.00511918
366	0.04437265	-0.00999053	0.00643539
367	0.04416844	-0.00947365	0.00791930
368	0.04333403	-0.00861847	0.00959320
369	0.04180901	-0.00751754	0.01102375
370	0.02586576	-0.01326425	0.00650355
371	0.02611933	-0.01543266	0.00833004
372	0.02641186	-0.01710019	0.00993513
373	0.02687584	-0.01825597	0.01148034
374	0.02746722	-0.01877839	0.01283610
375	0.02810941	-0.01883866	0.01400607
376	0.02885181	-0.01849825	0.01511509
377	0.02980779	-0.01751306	0.01617493
378	0.03088795	-0.01574896	0.01695802
379	0.03182390	-0.01350047	0.01711653
380	-0.02756687	0.02035947	0.00384800
381	-0.02467375	0.01992597	0.00389049
382	-0.02105461	0.01855647	0.00316008
383	-0.01725925	0.01703863	0.00211942

384	-0.01328657	0.01681975	0.00164519
385	-0.01020744	0.01808088	0.00189688
386	-0.00834824	0.01981250	0.00222068
387	-0.00553428	0.02158343	0.00217849
388	-0.00227626	0.02285544	0.00156516
389	0.00071873	0.02386865	0.00026242
390	0.00264900	0.02477514	-0.00085465
391	0.00471207	0.02529769	-0.00208377
392	0.00686739	0.02569169	-0.00341858
393	0.00904027	0.02585233	-0.00478197
394	0.01112998	0.02580830	-0.00610574
395	0.01330980	0.02543220	-0.00763605
396	0.01558210	0.02473358	-0.00922040
397	0.01781344	0.02374549	-0.01079821
398	0.01998150	0.02264080	-0.01233339
399	0.02375162	0.01987225	-0.01432236
400	0.02700024	0.01686373	-0.01583134
401	0.02951603	0.01370361	-0.01695816
402	0.03165853	0.01019498	-0.01787214
403	0.03340547	0.00659405	-0.01835679
404	0.03457541	0.00277970	-0.01855304
405	0.03514936	-0.00109866	-0.01840256
406	0.03534727	-0.00512363	-0.01785351
407	0.03447914	-0.00936979	-0.01708699
408	0.03310446	-0.01199038	-0.01612184
409	0.03152551	-0.01423700	-0.01506491
410	0.02964564	-0.01603176	-0.01391467
411	0.02768977	-0.01733541	-0.01285649

412	0.02563635	-0.01822762	-0.01172908
413	0.02346179	-0.01870346	-0.01051278
414	0.02113698	-0.01887345	-0.00919805
415	0.01868482	-0.01850125	-0.00791758
416	0.01616353	-0.01763361	-0.00667322
417	0.01428685	-0.01657235	-0.00538290
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419	0.01140805	-0.01368369	-0.00319222
420	0.01043308	-0.01196872	-0.00224876
421	0.00975934	-0.01021634	-0.00148171
422	0.00929954	-0.00829116	-0.00050612
423	0.00917964	-0.00623202	0.00035304
424	0.00934392	-0.00404202	0.00102469
425	0.00989240	-0.00166111	0.00147647
426	0.01096025	0.00035586	0.00200404
427	0.01222054	0.00206531	0.00229623
428	0.01356444	0.00332928	0.00225168
429	0.01516280	0.00443119	0.00224274
430	0.01686200	0.00523930	0.00217201
431	0.01868614	0.00573160	0.00201049
432	0.02069000	0.00592850	0.00169099
433	0.02301692	0.00575839	0.00121632
434	0.02513988	0.00519573	0.00074867
435	0.02685754	0.00445082	0.00096335
436	0.02886275	0.00293804	0.00110803
437	0.03016203	0.00137687	0.00123122
438	0.03094592	-0.00036959	0.00131133
439	0.03136429	-0.00231435	0.00149919

440	0.03147135	-0.00392483	0.00196694
441	0.03111536	-0.00552515	0.00230064
442	0.03021748	-0.00693645	0.00236689
443	0.02893944	-0.00828217	0.00283380
444	0.02839016	-0.00821587	0.00415361
445	0.02716203	-0.00803540	0.00530420
446	0.02547242	-0.00767695	0.00567793
447	0.02478955	-0.00738748	0.00602289
448	0.02405203	-0.00659152	0.00694877
449	0.02386545	-0.00577764	0.00776342
450	0.02405281	-0.00474654	0.00924590
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452	0.02590000	-0.00319789	0.01470447
453	-0.00218827	0.04138855	-0.01458078
454	-0.00183789	0.04132139	-0.01357428
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456	0.00020246	0.04062225	-0.01181492
457	0.00214902	0.03989525	-0.01176794
458	0.00476742	0.03875691	-0.01262043
459	0.00798200	0.03728228	-0.01423555
460	0.01176139	0.03541406	-0.01666035
461	0.01631099	0.03321573	-0.01939427
462	0.02139512	0.03092354	-0.02228143
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471	0.03845718	-0.01309236	-0.02617735
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474	0.03115235	-0.02210501	-0.02148570
475	0.02824030	-0.02394459	-0.01980758
476	0.02524436	-0.02516715	-0.01806279
477	0.02210659	-0.02575915	-0.01609787
478	0.01873170	-0.02574315	-0.01408603
479	0.01530575	-0.02511654	-0.01204778
480	0.01191572	-0.02397590	-0.00982256
481	0.00931153	-0.02201944	-0.00774909
482	0.00710232	-0.01988213	-0.00585868
483	0.00524643	-0.01748019	-0.00424036
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488	0.00289411	-0.00290827	0.00129257
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494	0.01546035	0.01135058	0.00243622
495	0.01826216	0.01205324	0.00182497

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548	0.00167448	0.03837184	0.02020558
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647	0.03008663	0.03726287	0.00105856
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683	0.03930814	0.00559615	0.01087341
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700	0.02871193	-0.01034120	0.01892260
701	0.02781598	-0.00881156	0.01936846
702	0.02733167	-0.00746988	0.01946722
703	0.02712914	-0.00643493	0.01931227
704	0.02696520	-0.00552820	0.01897578
705	0.02670683	-0.00450978	0.01832306
706	0.02630382	-0.00354606	0.01695839
707	0.02589855	-0.00318834	0.01474129
708	-0.01520552	0.00590155	-0.00466121
709	-0.01587966	0.00515075	-0.00634812
710	-0.01665369	0.00450525	-0.00807283
711	-0.01759561	0.00393161	-0.00991982
712	-0.01852073	0.00353691	-0.01164814
713	-0.01948182	0.00326484	-0.01321439
714	-0.02033413	0.00309327	-0.01452637
715	-0.02113927	0.00304111	-0.01628112
716	-0.02203928	0.00325219	-0.01803815
717	-0.02230605	0.00335715	-0.01886560

Procrustes sums of squares: 0.34826545124891567

Tangent sums of squares: 0.34382815329249755

Data matrices in this dataset:

- BE_All, raw data
- BE_All, centroid size
- BE_All, Procrustes coordinates

New Procrustes fit:

Dataset 'BE_All'

717 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.02961287	0.00007956	-0.01542495
2	-0.02688184	-0.01715574	-0.00513417
3	-0.02726320	-0.01727447	-0.00565098
4	-0.02761520	-0.01723263	-0.00634578
5	-0.02787930	-0.01703551	-0.00709598
6	-0.02811674	-0.01673799	-0.00785903
7	-0.02833863	-0.01635572	-0.00862419
8	-0.02857050	-0.01584521	-0.00940742
9	-0.02877505	-0.01525608	-0.01017585
10	-0.02898250	-0.01461619	-0.01093455

11	-0.02916764	-0.01388747	-0.01174577
12	-0.02929433	-0.01310197	-0.01247140
13	-0.02939805	-0.01228808	-0.01310077
14	-0.02945195	-0.01143297	-0.01367248
15	-0.02946972	-0.01053827	-0.01414700
16	-0.02941046	-0.00960975	-0.01453705
17	-0.02934366	-0.00863582	-0.01485643
18	-0.02920144	-0.00765484	-0.01506528
19	-0.02898743	-0.00668120	-0.01513642
20	-0.02874612	-0.00566804	-0.01516863
21	-0.02829323	-0.00431345	-0.01505532
22	-0.02785277	-0.00313155	-0.01477510
23	-0.02736512	-0.00203913	-0.01433250
24	-0.02672310	-0.00112912	-0.01362951
25	-0.02600015	-0.00051806	-0.01272510
26	-0.02517343	0.00003406	-0.01158476
27	-0.02427858	0.00049156	-0.01018811
28	-0.02325083	0.00074414	-0.00855101
29	-0.02212164	0.00067072	-0.00678330
30	-0.02154042	0.00024057	-0.00544540
31	-0.02113444	-0.00070394	-0.00430513
32	-0.02098579	-0.00186264	-0.00356623
33	-0.02096887	-0.00318391	-0.00294485
34	-0.02108271	-0.00469324	-0.00238386
35	-0.02133778	-0.00633864	-0.00188889
36	-0.02173256	-0.00809185	-0.00146348
37	-0.02227817	-0.00990887	-0.00112538
38	-0.02289490	-0.01153259	-0.00134231

39	-0.02319160	-0.01211671	-0.00176420
40	-0.02360232	-0.01272447	-0.00232029
41	-0.02404658	-0.01335561	-0.00288818
42	-0.02447239	-0.01400222	-0.00337117
43	-0.02491398	-0.01467447	-0.00375340
44	-0.02541278	-0.01537931	-0.00402765
45	-0.02594728	-0.01607269	-0.00425744
46	-0.02649058	-0.01670432	-0.00461637
47	-0.02739189	-0.02131576	-0.00331920
48	-0.02762199	-0.02120635	-0.00376542
49	-0.02784330	-0.02105954	-0.00424012
50	-0.02808388	-0.02085317	-0.00483128
51	-0.02832169	-0.02058738	-0.00547844
52	-0.02856412	-0.02024060	-0.00616852
53	-0.02881270	-0.01985963	-0.00690788
54	-0.02904427	-0.01943267	-0.00766381
55	-0.02929223	-0.01896058	-0.00842875
56	-0.02953362	-0.01847111	-0.00931756
57	-0.02974282	-0.01789935	-0.01013716
58	-0.02994083	-0.01730244	-0.01090713
59	-0.03013274	-0.01668564	-0.01164350
60	-0.03030021	-0.01605320	-0.01235490
61	-0.03041069	-0.01536534	-0.01295610
62	-0.03053785	-0.01471604	-0.01360805
63	-0.03063087	-0.01403706	-0.01416304
64	-0.03070848	-0.01331736	-0.01468989
65	-0.03072993	-0.01260763	-0.01519698
66	-0.03071036	-0.01189696	-0.01561249

67	-0.03067375	-0.01116113	-0.01601025
68	-0.03060896	-0.01042235	-0.01634418
69	-0.03050566	-0.00967427	-0.01663010
70	-0.03036984	-0.00892578	-0.01685881
71	-0.03022189	-0.00816635	-0.01700094
72	-0.03003824	-0.00733692	-0.01708447
73	-0.02987233	-0.00653742	-0.01718934
74	-0.02964881	-0.00575210	-0.01717885
75	-0.02944187	-0.00505604	-0.01711339
76	-0.02923186	-0.00436047	-0.01707613
77	-0.02897648	-0.00361326	-0.01697326
78	-0.02868680	-0.00286445	-0.01678003
79	-0.02836075	-0.00206065	-0.01653012
80	-0.02800098	-0.00124777	-0.01627846
81	-0.02758535	-0.00039414	-0.01604932
82	-0.02711088	0.00052260	-0.01581910
83	-0.02660062	0.00144529	-0.01551448
84	-0.03370399	0.01055076	-0.00519351
85	-0.03423478	0.01046795	-0.00527142
86	-0.03479850	0.01033496	-0.00548411
87	-0.03526775	0.01017186	-0.00581784
88	-0.03569485	0.00998337	-0.00623081
89	-0.03603485	0.00977635	-0.00667510
90	-0.03632333	0.00956153	-0.00715773
91	-0.03652723	0.00935738	-0.00764406
92	-0.03673201	0.00912097	-0.00817761
93	-0.03687399	0.00884952	-0.00873755
94	-0.03698385	0.00851927	-0.00931452

95	-0.03700982	0.00818631	-0.00989772
96	-0.03694444	0.00784582	-0.01048961
97	-0.03682216	0.00747347	-0.01106694
98	-0.03663121	0.00707753	-0.01164251
99	-0.03637392	0.00667805	-0.01220265
100	-0.03602070	0.00625090	-0.01273214
101	-0.03558115	0.00582786	-0.01320688
102	-0.03506976	0.00546295	-0.01363739
103	-0.03439488	0.00501406	-0.01398466
104	-0.03360900	0.00460070	-0.01419126
105	-0.03284100	0.00424215	-0.01431475
106	-0.03206296	0.00395038	-0.01435639
107	-0.03126935	0.00367907	-0.01429864
108	-0.03056336	0.00348121	-0.01414620
109	-0.02975833	0.00328496	-0.01391283
110	-0.02897592	0.00322402	-0.01356743
111	-0.02820134	0.00326181	-0.01310731
112	-0.02679511	0.00347265	-0.01166095
113	-0.02575236	0.00396272	-0.01026455
114	-0.02499029	0.00441572	-0.00903402
115	-0.02456950	0.00504613	-0.00790649
116	-0.02442030	0.00559269	-0.00704476
117	-0.02445594	0.00609845	-0.00620998
118	-0.02481072	0.00676610	-0.00548775
119	-0.02559303	0.00763196	-0.00500053
120	-0.02659039	0.00845338	-0.00491318
121	-0.02720599	0.00901420	-0.00513043
122	-0.02793478	0.00949700	-0.00543984

123	-0.02870989	0.00988815	-0.00571470
124	-0.02952246	0.01021178	-0.00585584
125	-0.03036780	0.01045651	-0.00586040
126	-0.03121398	0.01061490	-0.00569915
127	-0.03207727	0.01068921	-0.00548225
128	-0.03281907	0.01067149	-0.00530317
129	-0.03522247	0.01348301	-0.00274899
130	-0.03566538	0.01321856	-0.00296691
131	-0.03606731	0.01296748	-0.00319753
132	-0.03652008	0.01262572	-0.00353562
133	-0.03698027	0.01231427	-0.00390405
134	-0.03740770	0.01207504	-0.00426865
135	-0.03778600	0.01181143	-0.00464837
136	-0.03812073	0.01151785	-0.00508583
137	-0.03843249	0.01124520	-0.00554624
138	-0.03868341	0.01098971	-0.00606781
139	-0.03896539	0.01070592	-0.00679466
140	-0.03920901	0.01037214	-0.00749449
141	-0.03936874	0.01000108	-0.00818368
142	-0.03950443	0.00966471	-0.00883804
143	-0.03952244	0.00928987	-0.00946444
144	-0.03949690	0.00889262	-0.01010061
145	-0.03949746	0.00849871	-0.01075889
146	-0.03943780	0.00813839	-0.01136594
147	-0.03928790	0.00773950	-0.01197694
148	-0.03904430	0.00734980	-0.01252591
149	-0.03877991	0.00697174	-0.01311562
150	-0.03843138	0.00658604	-0.01362178

151	-0.03802534	0.00616284	-0.01413524
152	-0.03758061	0.00576744	-0.01461147
153	-0.03707709	0.00538446	-0.01503228
154	-0.03651047	0.00500053	-0.01544309
155	-0.03590778	0.00464218	-0.01577309
156	-0.03531226	0.00427466	-0.01606339
157	-0.03445526	0.00388701	-0.01631146
158	-0.03349783	0.00353956	-0.01646398
159	-0.03256729	0.00322715	-0.01654123
160	-0.03161213	0.00290525	-0.01649008
161	-0.03067548	0.00256920	-0.01636964
162	-0.02976746	0.00226678	-0.01623153
163	-0.02875676	0.00196918	-0.01601596
164	-0.02768511	0.00169958	-0.01578716
165	-0.02660062	0.00144529	-0.01551448
166	-0.03504173	-0.01271315	0.00819804
167	-0.03568491	-0.01268801	0.00851005
168	-0.03640602	-0.01250622	0.00872035
169	-0.03710697	-0.01223304	0.00886615
170	-0.03780282	-0.01184930	0.00890302
171	-0.03850091	-0.01137873	0.00889719
172	-0.03919870	-0.01081092	0.00885082
173	-0.03986695	-0.01014890	0.00873099
174	-0.04053998	-0.00940796	0.00855712
175	-0.04119649	-0.00854854	0.00831410
176	-0.04165337	-0.00788913	0.00808366
177	-0.04206452	-0.00720309	0.00783678
178	-0.04240404	-0.00650693	0.00756766

179	-0.04264916	-0.00581436	0.00724597
180	-0.04284504	-0.00514014	0.00693075
181	-0.04299798	-0.00443790	0.00659952
182	-0.04307620	-0.00372134	0.00622382
183	-0.04308110	-0.00299547	0.00581510
184	-0.04301728	-0.00223126	0.00535587
185	-0.04287295	-0.00156433	0.00491292
186	-0.04264401	-0.00086461	0.00446056
187	-0.04234234	-0.00020192	0.00401337
188	-0.04195557	0.00052564	0.00354093
189	-0.04151779	0.00113203	0.00306240
190	-0.04105076	0.00167816	0.00262708
191	-0.04050230	0.00222521	0.00216933
192	-0.03986990	0.00280471	0.00172957
193	-0.03923045	0.00334995	0.00139757
194	-0.03818764	0.00422462	0.00088592
195	-0.03705966	0.00486549	0.00043662
196	-0.03583831	0.00534181	0.00008386
197	-0.03457400	0.00566068	-0.00016251
198	-0.03322842	0.00577310	-0.00027826
199	-0.03182264	0.00564142	-0.00029500
200	-0.03036488	0.00539864	-0.00023035
201	-0.02891513	0.00495813	-0.00012057
202	-0.02736309	0.00427893	0.00004555
203	-0.02598863	0.00302616	0.00020501
204	-0.02512585	0.00148168	0.00045965
205	-0.02463905	-0.00006928	0.00069813
206	-0.02440279	-0.00166216	0.00105470

207	-0.02437186	-0.00326696	0.00156217
208	-0.02471362	-0.00492516	0.00212733
209	-0.02548901	-0.00657576	0.00269785
210	-0.02664011	-0.00811174	0.00323109
211	-0.02816935	-0.00946709	0.00369457
212	-0.02909076	-0.00998299	0.00400988
213	-0.03005181	-0.01041578	0.00438579
214	-0.03098065	-0.01083647	0.00483391
215	-0.03183311	-0.01128245	0.00537222
216	-0.03253553	-0.01170361	0.00593937
217	-0.03320076	-0.01209291	0.00655490
218	-0.03377822	-0.01243506	0.00717057
219	-0.03437975	-0.01262330	0.00771527
220	-0.03481423	-0.01748033	0.01003175
221	-0.03567265	-0.01700530	0.01026749
222	-0.03648573	-0.01646786	0.01044655
223	-0.03725552	-0.01590912	0.01057335
224	-0.03796835	-0.01532103	0.01066042
225	-0.03864748	-0.01471681	0.01072333
226	-0.03927765	-0.01409820	0.01076050
227	-0.03986418	-0.01348764	0.01075146
228	-0.04043636	-0.01287652	0.01070604
229	-0.04095920	-0.01233994	0.01061814
230	-0.04155058	-0.01174578	0.01048897
231	-0.04209223	-0.01112903	0.01031520
232	-0.04263721	-0.01049364	0.01010499
233	-0.04313644	-0.00979544	0.00989667
234	-0.04360569	-0.00908271	0.00965202

235	-0.04404134	-0.00835802	0.00939217
236	-0.04445268	-0.00763865	0.00910995
237	-0.04480893	-0.00689281	0.00881700
238	-0.04514884	-0.00614534	0.00850833
239	-0.04538253	-0.00524872	0.00810150
240	-0.04561149	-0.00435888	0.00765839
241	-0.04569922	-0.00350147	0.00720420
242	-0.04568637	-0.00259547	0.00667752
243	-0.04564395	-0.00174088	0.00616163
244	-0.04550164	-0.00089122	0.00562919
245	-0.04525052	-0.00000794	0.00502896
246	-0.04490514	0.00085943	0.00438836
247	-0.04444391	0.00166743	0.00376719
248	-0.04383529	0.00254630	0.00309380
249	-0.04311532	0.00332642	0.00247694
250	-0.04237714	0.00407140	0.00190874
251	-0.04157067	0.00482416	0.00132118
252	-0.04066996	0.00548609	0.00078981
253	-0.03967441	0.00614619	0.00026565
254	-0.03856772	0.00678540	-0.00026976
255	-0.03746026	0.00745031	-0.00080336
256	-0.03635985	0.00807653	-0.00136057
257	-0.03283597	-0.00755995	0.01129782
258	-0.03284175	-0.00625567	0.01120888
259	-0.03246985	-0.00495578	0.01119424
260	-0.03181461	-0.00368946	0.01124957
261	-0.03087023	-0.00250337	0.01139923
262	-0.02982475	-0.00148826	0.01165896

263	-0.02848960	-0.00069932	0.01201036
264	-0.02692161	-0.00014250	0.01244223
265	-0.02515645	0.00011575	0.01295102
266	-0.02314940	0.00005959	0.01361793
267	-0.02066859	-0.00024108	0.01429625
268	-0.01847602	-0.00061812	0.01478537
269	-0.01676892	-0.00103096	0.01510747
270	-0.01512343	-0.00168075	0.01535654
271	-0.01393933	-0.00254473	0.01550485
272	-0.01301775	-0.00356454	0.01551009
273	-0.01234659	-0.00463953	0.01537344
274	-0.01173939	-0.00606445	0.01503172
275	-0.01147459	-0.00760952	0.01446206
276	-0.01154836	-0.00934541	0.01387550
277	-0.01192904	-0.01100245	0.01338127
278	-0.01265938	-0.01244800	0.01292938
279	-0.01361598	-0.01368064	0.01258738
280	-0.01490202	-0.01471859	0.01226820
281	-0.01648917	-0.01560876	0.01199874
282	-0.01833678	-0.01630417	0.01182986
283	-0.02042147	-0.01685780	0.01170816
284	-0.02279611	-0.01719172	0.01182102
285	-0.02520757	-0.01720999	0.01208192
286	-0.02718980	-0.01703972	0.01208847
287	-0.02884691	-0.01646427	0.01212053
288	-0.02992599	-0.01577794	0.01214439
289	-0.03098763	-0.01476188	0.01206681
290	-0.03194663	-0.01338661	0.01190881

291	-0.03264389	-0.01164839	0.01169577
292	-0.03281080	-0.00951835	0.01146905
293	0.02138341	0.03090165	-0.02228122
294	0.02303554	0.03371662	-0.02299116
295	0.02546538	0.03656466	-0.02227769
296	0.02724977	0.03804234	-0.02077421
297	0.02822899	0.03845561	-0.01933985
298	0.02887672	0.03830046	-0.01779852
299	0.02930295	0.03772791	-0.01614329
300	0.02972122	0.03685285	-0.01437480
301	0.03026195	0.03644156	-0.01317737
302	0.03064050	0.03616237	-0.01229847
303	0.03166900	0.03778328	-0.01200486
304	0.03277505	0.03902930	-0.01135144
305	0.03358141	0.03962450	-0.01046901
306	0.03427569	0.03983353	-0.00945414
307	0.03492844	0.03977135	-0.00834763
308	0.03553146	0.03935160	-0.00702397
309	0.03598772	0.03822485	-0.00519957
310	0.03582295	0.03607500	-0.00331271
311	0.03510974	0.03368507	-0.00228859
312	0.03844813	-0.01305685	-0.02617517
313	0.04074304	-0.01421714	-0.02724783
314	0.04370962	-0.01543359	-0.02735507
315	0.04574523	-0.01609787	-0.02650201
316	0.04686400	-0.01629297	-0.02532057
317	0.04739622	-0.01623209	-0.02396186
318	0.04769242	-0.01599310	-0.02236595

319	0.04807907	-0.01580565	-0.02085427
320	0.04855887	-0.01561317	-0.01935649
321	0.04881799	-0.01555318	-0.01802526
322	0.05053817	-0.01618435	-0.01767859
323	0.05201483	-0.01657116	-0.01701956
324	0.05296970	-0.01668294	-0.01611194
325	0.05362784	-0.01663776	-0.01503785
326	0.05406904	-0.01645841	-0.01377919
327	0.05431533	-0.01612646	-0.01221949
328	0.05406043	-0.01546835	-0.01015611
329	0.05289639	-0.01438581	-0.00784527
330	0.05105817	-0.01319332	-0.00623933
331	0.01193084	-0.02396644	-0.00982877
332	0.01124557	-0.02609452	-0.00932141
333	0.01099019	-0.02822373	-0.00815299
334	0.01119507	-0.02972252	-0.00672630
335	0.01168717	-0.03054466	-0.00533698
336	0.01231956	-0.03082806	-0.00416218
337	0.01285148	-0.03086647	-0.00331106
338	0.01343589	-0.03094366	-0.00225727
339	0.01413583	-0.03110500	-0.00082685
340	0.01474670	-0.03130876	0.00053315
341	0.01501216	-0.03243591	0.00157267
342	0.01538615	-0.03328116	0.00260941
343	0.01588534	-0.03378410	0.00365566
344	0.01650757	-0.03392314	0.00471561
345	0.01724085	-0.03380220	0.00583910
346	0.01819828	-0.03334225	0.00712311

347	0.01955369	-0.03216158	0.00854230
348	0.02110104	-0.02998885	0.00955205
349	0.02228858	-0.02745162	0.00979012
350	0.02736178	0.01071418	-0.00049084
351	0.02926678	0.01309232	0.00092045
352	0.03096006	0.01470643	0.00296506
353	0.03218289	0.01542574	0.00487799
354	0.03309986	0.01571986	0.00651676
355	0.03375703	0.01574526	0.00787341
356	0.03422557	0.01541442	0.00926504
357	0.03444337	0.01441573	0.01078786
358	0.03421712	0.01257007	0.01223565
359	0.03347118	0.01025768	0.01304261
360	0.03626888	-0.00772611	-0.00001093
361	0.03884792	-0.00888330	0.00044536
362	0.04107107	-0.00971609	0.00139649
363	0.04264667	-0.01016488	0.00262707
364	0.04362654	-0.01031209	0.00389898
365	0.04415123	-0.01025041	0.00511918
366	0.04437265	-0.00999053	0.00643539
367	0.04416844	-0.00947365	0.00791930
368	0.04333403	-0.00861847	0.00959320
369	0.04180901	-0.00751754	0.01102375
370	0.02586576	-0.01326425	0.00650355
371	0.02611933	-0.01543266	0.00833004
372	0.02641186	-0.01710019	0.00993513
373	0.02687584	-0.01825597	0.01148034
374	0.02746722	-0.01877839	0.01283610

375	0.02810941	-0.01883866	0.01400607
376	0.02885181	-0.01849825	0.01511509
377	0.02980779	-0.01751306	0.01617493
378	0.03088795	-0.01574896	0.01695802
379	0.03182390	-0.01350047	0.01711653
380	-0.02756687	0.02035947	0.00384800
381	-0.02467375	0.01992597	0.00389049
382	-0.02105461	0.01855647	0.00316008
383	-0.01725925	0.01703863	0.00211942
384	-0.01328657	0.01681975	0.00164519
385	-0.01020744	0.01808088	0.00189688
386	-0.00834824	0.01981250	0.00222068
387	-0.00553428	0.02158343	0.00217849
388	-0.00227626	0.02285544	0.00156516
389	0.00071873	0.02386865	0.00026242
390	0.00264900	0.02477514	-0.00085465
391	0.00471207	0.02529769	-0.00208377
392	0.00686739	0.02569169	-0.00341858
393	0.00904027	0.02585233	-0.00478197
394	0.01112998	0.02580830	-0.00610574
395	0.01330980	0.02543220	-0.00763605
396	0.01558210	0.02473358	-0.00922040
397	0.01781344	0.02374549	-0.01079821
398	0.01998150	0.02264080	-0.01233339
399	0.02375162	0.01987225	-0.01432236
400	0.02700024	0.01686373	-0.01583134
401	0.02951603	0.01370361	-0.01695816
402	0.03165853	0.01019498	-0.01787214

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404	0.03457541	0.00277970	-0.01855304
405	0.03514936	-0.00109866	-0.01840256
406	0.03534727	-0.00512363	-0.01785351
407	0.03447914	-0.00936979	-0.01708699
408	0.03310446	-0.01199038	-0.01612184
409	0.03152551	-0.01423700	-0.01506491
410	0.02964564	-0.01603176	-0.01391467
411	0.02768977	-0.01733541	-0.01285649
412	0.02563635	-0.01822762	-0.01172908
413	0.02346179	-0.01870346	-0.01051278
414	0.02113698	-0.01887345	-0.00919805
415	0.01868482	-0.01850125	-0.00791758
416	0.01616353	-0.01763361	-0.00667322
417	0.01428685	-0.01657235	-0.00538290
418	0.01271713	-0.01519844	-0.00424170
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421	0.00975934	-0.01021634	-0.00148171
422	0.00929954	-0.00829116	-0.00050612
423	0.00917964	-0.00623202	0.00035304
424	0.00934392	-0.00404202	0.00102469
425	0.00989240	-0.00166111	0.00147647
426	0.01096025	0.00035586	0.00200404
427	0.01222054	0.00206531	0.00229623
428	0.01356444	0.00332928	0.00225168
429	0.01516280	0.00443119	0.00224274
430	0.01686200	0.00523930	0.00217201

431	0.01868614	0.00573160	0.00201049
432	0.02069000	0.00592850	0.00169099
433	0.02301692	0.00575839	0.00121632
434	0.02513988	0.00519573	0.00074867
435	0.02685754	0.00445082	0.00096335
436	0.02886275	0.00293804	0.00110803
437	0.03016203	0.00137687	0.00123122
438	0.03094592	-0.00036959	0.00131133
439	0.03136429	-0.00231435	0.00149919
440	0.03147135	-0.00392483	0.00196694
441	0.03111536	-0.00552515	0.00230064
442	0.03021748	-0.00693645	0.00236689
443	0.02893944	-0.00828217	0.00283380
444	0.02839016	-0.00821587	0.00415361
445	0.02716203	-0.00803540	0.00530420
446	0.02547242	-0.00767695	0.00567793
447	0.02478955	-0.00738748	0.00602289
448	0.02405203	-0.00659152	0.00694877
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456	0.00020246	0.04062225	-0.01181492
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458	0.00476742	0.03875691	-0.01262043

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460	0.01176139	0.03541406	-0.01666035
461	0.01631099	0.03321573	-0.01939427
462	0.02139512	0.03092354	-0.02228143
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474	0.03115235	-0.02210501	-0.02148570
475	0.02824030	-0.02394459	-0.01980758
476	0.02524436	-0.02516715	-0.01806279
477	0.02210659	-0.02575915	-0.01609787
478	0.01873170	-0.02574315	-0.01408603
479	0.01530575	-0.02511654	-0.01204778
480	0.01191572	-0.02397590	-0.00982256
481	0.00931153	-0.02201944	-0.00774909
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483	0.00524643	-0.01748019	-0.00424036
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490	0.00602023	0.00353889	0.00265927
491	0.00821560	0.00621467	0.00300307
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495	0.01826216	0.01205324	0.00182497
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572	0.05117408	-0.02194279	-0.01302857
573	0.04787037	-0.02636107	-0.01137563
574	0.04422514	-0.02989002	-0.00952475
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576	0.03624044	-0.03465487	-0.00529378
577	0.03182727	-0.03589223	-0.00289986
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579	0.02206029	-0.03567219	0.00245721
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582	0.00899296	-0.02808589	0.00972083
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592	0.01199972	0.01250738	0.01674130
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606	0.04501691	-0.00687908	0.00390182
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634	-0.00149965	0.02401718	0.02666621
635	0.00132739	0.02698466	0.02584807
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646	0.02673268	0.03871490	0.00364816
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675	0.01641046	0.00458804	0.01925005
676	0.01876308	0.00701671	0.01871820
677	0.02156132	0.00881190	0.01777147
678	0.02493034	0.00997127	0.01650205
679	0.02890828	0.01047790	0.01487471
680	0.03358545	0.01029535	0.01299573
681	0.03577511	0.00890359	0.01212176
682	0.03769097	0.00733229	0.01139926

683	0.03930814	0.00559615	0.01087341
684	0.04055220	0.00370790	0.01047069
685	0.04146589	0.00168853	0.01028547
686	0.04202705	-0.00045995	0.01022936
687	0.04227211	-0.00272680	0.01037014
688	0.04219857	-0.00510634	0.01062953
689	0.04179406	-0.00762861	0.01104035
690	0.04095892	-0.00930572	0.01160926
691	0.04003147	-0.01077235	0.01222707
692	0.03900715	-0.01198729	0.01285521
693	0.03791750	-0.01292111	0.01353237
694	0.03675270	-0.01357024	0.01421624
695	0.03556127	-0.01394403	0.01492729
696	0.03431049	-0.01404469	0.01567399
697	0.03304742	-0.01389941	0.01641429
698	0.03156475	-0.01339451	0.01727044
699	0.03006722	-0.01192353	0.01818341
700	0.02871193	-0.01034120	0.01892260
701	0.02781598	-0.00881156	0.01936846
702	0.02733167	-0.00746988	0.01946722
703	0.02712914	-0.00643493	0.01931227
704	0.02696520	-0.00552820	0.01897578
705	0.02670683	-0.00450978	0.01832306
706	0.02630382	-0.00354606	0.01695839
707	0.02589855	-0.00318834	0.01474129
708	-0.01520552	0.00590155	-0.00466121
709	-0.01587966	0.00515075	-0.00634812
710	-0.01665369	0.00450525	-0.00807283

711	-0.01759561	0.00393161	-0.00991982
712	-0.01852073	0.00353691	-0.01164814
713	-0.01948182	0.00326484	-0.01321439
714	-0.02033413	0.00309327	-0.01452637
715	-0.02113927	0.00304111	-0.01628112
716	-0.02203928	0.00325219	-0.01803815
717	-0.02230605	0.00335715	-0.01886560

Procrustes sums of squares: 0.34826545124891567

Tangent sums of squares: 0.34382815329249755

Data matrices in this dataset:

- BE_All, raw data
- BE_All, centroid size
- BE_All, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, BE_All, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00257477	23.214	23.214
2.	0.00160293	14.452	37.667
3.	0.00133771	12.061	49.728
4.	0.00093675	8.446	58.173
5.	0.00065046	5.865	64.038
6.	0.00061976	5.588	69.626

7.	0.00051956	4.684	74.310
8.	0.00036711	3.310	77.620
9.	0.00033446	3.015	80.636
10.	0.00024465	2.206	82.842
11.	0.00023014	2.075	84.916
12.	0.00018305	1.650	86.567
13.	0.00016516	1.489	88.056
14.	0.00014966	1.349	89.405
15.	0.00013769	1.241	90.647
16.	0.00011962	1.078	91.725
17.	0.00010429	0.940	92.665
18.	0.00009963	0.898	93.564
19.	0.00009075	0.818	94.382
20.	0.00008418	0.759	95.141
21.	0.00007843	0.707	95.848
22.	0.00007193	0.649	96.497
23.	0.00006882	0.620	97.117
24.	0.00005992	0.540	97.657
25.	0.00005137	0.463	98.121
26.	0.00004562	0.411	98.532
27.	0.00004426	0.399	98.931
28.	0.00003553	0.320	99.251
29.	0.00003152	0.284	99.535
30.	0.00002931	0.264	99.800
31.	0.00002221	0.200	100.000

Total variance: 0.01109123

Variance of the eigenvalues: 0.0000000062628

Eigenvalue variance scaled by total variance: 0.00005

Eigenvalue variance scaled by total variance and number of variables: 0.10920

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 2144.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

- the degrees of freedom are less than the shape dimensionality (sample size, etc.).
- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.002820		0.031757		0.027090		-0.001847		0.012634		0.031140	
	0.036100		-0.016403		-0.018428		0.023260		0.030205		-0.030654	
	-0.009872		0.003615		0.007616		0.006617		0.015050		-0.005242	
	-0.006196		0.023375		-0.021947		0.002355		-0.025966		0.013446	
	-0.003973		-0.009093		0.003502		0.020367		-0.000479		-0.004317	
	-0.008694											
y1	-0.008692		0.002924		-0.014565		-0.000665		0.001961		0.017528	
	-0.009914		0.013999		0.004578		0.001741		0.028657		-0.002136	
	-0.006323		-0.005686		-0.008932		0.011776		-0.013399		-0.012892	
	0.009055		-0.005538		0.020428		-0.010014		0.007107		0.008024	
	0.001486		-0.045736		-0.028222		0.020641		-0.001985		-0.007806	
	0.002169											
z1	0.045174		0.010382		0.009367		-0.012406		-0.023659		0.009472	
	0.000337		-0.001231		0.001702		0.028817		0.022570		0.016817	
	0.009209		0.016511		-0.000125		-0.007698		-0.002631		0.010725	
	0.014146		-0.013606		-0.025390		-0.032253		-0.014856		0.001750	
	0.015009		0.003969		0.007587		-0.013702		-0.007640		-0.001916	
	-0.013895											
x2	-0.012043		0.004469		-0.005026		0.011890		0.016239		-0.024798	
	0.014021		0.026748		-0.024449		0.004194		0.007293		-0.012403	

	-0.023803	0.007209	-0.002484	-0.020008	-0.021959	-0.019950
	-0.001887	-0.030706	0.023335	-0.014215	-0.002562	-0.004544
	-0.018827	0.003468	-0.001526	0.003346	-0.029431	0.012196
	-0.021156					
y2	0.054579	0.012741	0.003586	-0.007049	0.008484	-0.016289
	-0.021801	0.026692	0.003766	0.016809	-0.032419	-0.018683
	0.003186	0.002647	-0.004410	-0.031190	-0.000563	0.004882
	-0.033311	0.003799	0.030944	0.016911	0.013238	-0.016000
	0.023992	0.007866	0.012916	0.022834	0.002651	-0.011744
	-0.019396					
z2	0.014560	-0.017946	0.031911	-0.008069	-0.000311	-0.013189
	0.000504	-0.007095	0.000486	0.010592	-0.028264	-0.010509
	-0.013223	-0.016328	0.001217	-0.002714	0.025058	-0.019570
	0.001745	0.004883	0.020224	0.010650	-0.003653	0.004291
	-0.019563	-0.004572	-0.004921	0.005317	0.013407	0.006868
	-0.005530					
x3	-0.011547	0.004961	-0.002906	0.011933	0.015606	-0.023177
	0.013466	0.027010	-0.022566	0.005486	0.004687	-0.010918
	-0.024833	0.009104	0.000377	-0.024209	-0.028555	-0.019473
	-0.003076	-0.032305	0.016705	-0.011614	0.003644	-0.007318
	-0.022229	0.004257	-0.004035	-0.001664	-0.027682	0.013157
	-0.018513					
y3	0.056303	0.014741	0.005539	-0.007579	0.005997	-0.014886
	-0.021144	0.026245	0.002651	0.016427	-0.031143	-0.015875
	0.003540	0.001594	-0.004877	-0.031589	0.002251	0.013733
	-0.031777	0.011962	0.026781	0.020453	0.009665	-0.015300
	0.024898	0.004471	0.015540	0.017110	0.001122	-0.015060
	-0.023481					
z3	0.016818	-0.017638	0.031166	-0.008668	-0.000130	-0.014341
	0.000106	-0.007733	-0.001040	0.013752	-0.029193	-0.011463
	-0.012484	-0.016034	0.003161	-0.001604	0.023979	-0.016153
	0.001652	0.007077	0.020257	0.012618	-0.004965	0.004079
	-0.018958	-0.002331	-0.005026	0.002270	0.013669	0.006588
	-0.000211					
x4	-0.010687	0.006035	-0.000147	0.012328	0.015473	-0.021151
	0.014099	0.027063	-0.021370	0.006730	0.002864	-0.009786
	-0.027736	0.011055	0.001728	-0.026362	-0.030524	-0.016592
	-0.005081	-0.030564	0.010505	-0.009980	0.007303	-0.007700
	-0.022135	0.004077	-0.004102	-0.005874	-0.025931	0.010180
	-0.015025					

y4	0.056876	0.016832	0.007153	-0.007910	0.004682	-0.013378
	-0.020658	0.026404	0.001863	0.017157	-0.030276	-0.012849
	0.002944	0.002125	-0.005994	-0.030799	0.003669	0.021005
	-0.030003	0.017689	0.024075	0.020781	0.006882	-0.013677
	0.023516	0.001802	0.015984	0.010396	0.003002	-0.018373
	-0.022573					
z4	0.019896	-0.016579	0.030776	-0.009270	-0.000958	-0.015038
	-0.000650	-0.008335	-0.001698	0.016563	-0.029887	-0.011712
	-0.011482	-0.016096	0.004251	-0.000662	0.021777	-0.012657
	0.001258	0.008470	0.019116	0.014795	-0.003580	0.002167
	-0.018161	-0.000102	-0.004006	-0.001258	0.012992	0.004894
	-0.000117					
x5	-0.009307	0.007471	0.001970	0.013244	0.015963	-0.019012
	0.014871	0.027783	-0.021699	0.008700	0.001354	-0.008136
	-0.029387	0.011730	0.002212	-0.027921	-0.028175	-0.012878
	-0.004234	-0.029162	0.004871	-0.005410	0.009243	-0.006747
	-0.015398	0.004309	-0.007344	-0.005669	-0.033950	0.007014
	-0.007368					
y5	0.055940	0.018081	0.007533	-0.007862	0.004177	-0.011579
	-0.020987	0.027637	0.000846	0.018765	-0.029935	-0.009090
	0.003118	0.000784	-0.006598	-0.027547	0.002996	0.024569
	-0.026507	0.020030	0.021982	0.023961	0.007299	-0.013193
	0.021854	0.001028	0.012306	0.007671	0.005291	-0.018953
	-0.020123					
z5	0.022831	-0.015417	0.030623	-0.009689	-0.002059	-0.015070
	-0.001414	-0.008227	-0.002098	0.018640	-0.031074	-0.011201
	-0.009301	-0.015586	0.003891	-0.000148	0.018192	-0.009793
	0.001885	0.009087	0.018277	0.015287	-0.001404	-0.000028
	-0.019590	0.000988	-0.002652	-0.004389	0.014749	0.001432
	0.000392					
x6	-0.007881	0.008872	0.004109	0.013585	0.015538	-0.016517
	0.016192	0.026599	-0.022004	0.009217	0.000235	-0.008371
	-0.029819	0.011145	0.003354	-0.026688	-0.026109	-0.009131
	-0.005400	-0.025707	0.000082	-0.000886	0.010473	-0.007138
	-0.009915	0.000799	-0.007722	-0.004348	-0.034019	0.003944
	-0.001465					
y6	0.054694	0.018539	0.007471	-0.007716	0.002984	-0.009721
	-0.020735	0.027553	0.000050	0.018639	-0.028778	-0.006835
	0.003079	-0.001660	-0.007815	-0.022861	0.003668	0.027232
	-0.023856	0.022339	0.020081	0.026402	0.008018	-0.012837
	0.023193	-0.001326	0.010077	0.006188	0.005942	-0.022633
	-0.015547					

z6	0.025564	-0.014239	0.030308	-0.010015	-0.003175	-0.014795
	-0.002010	-0.008070	-0.002271	0.020394	-0.031650	-0.010423
	-0.007371	-0.015661	0.003274	0.001072	0.014390	-0.007755
	0.002246	0.009484	0.017166	0.016206	0.001972	-0.003361
	-0.020515	0.002666	-0.000838	-0.006914	0.017534	-0.002551
	-0.000852					
x7	-0.005991	0.011539	0.005520	0.014082	0.015711	-0.014044
	0.017734	0.026644	-0.021344	0.009313	0.000561	-0.009194
	-0.030360	0.011720	0.004757	-0.025547	-0.023995	-0.008007
	-0.007139	-0.022303	-0.001249	0.003480	0.008799	-0.007793
	-0.008019	-0.003432	-0.007734	-0.002653	-0.026896	0.006258
	-0.002580					
y7	0.053467	0.019102	0.007073	-0.007109	0.001901	-0.008018
	-0.020281	0.028232	0.000356	0.018473	-0.027144	-0.006241
	0.002302	-0.002381	-0.009423	-0.020904	0.004213	0.026301
	-0.020487	0.023021	0.020889	0.026660	0.009230	-0.012847
	0.023467	-0.004060	0.007473	0.004530	0.005554	-0.023575
	-0.016025					
z7	0.028432	-0.012831	0.030178	-0.010049	-0.004499	-0.014395
	-0.002618	-0.007363	-0.001919	0.022308	-0.031894	-0.010322
	-0.005392	-0.014817	0.002724	0.001095	0.010868	-0.005839
	0.003254	0.008977	0.016875	0.015756	0.005329	-0.006881
	-0.020521	0.004385	0.000672	-0.010130	0.019044	-0.006358
	-0.002915					
x8	-0.004442	0.013042	0.007702	0.013678	0.015387	-0.012825
	0.017552	0.025261	-0.019589	0.009758	-0.001319	-0.008372
	-0.030153	0.011163	0.001791	-0.026946	-0.024672	-0.007031
	-0.008660	-0.019204	-0.004651	0.002404	0.005030	-0.007937
	-0.007007	-0.003898	-0.009657	0.000605	-0.019623	0.009018
	0.003236					
y8	0.051300	0.019270	0.006821	-0.006159	0.001272	-0.006999
	-0.020855	0.029726	0.002361	0.018847	-0.025970	-0.005158
	0.003104	-0.002226	-0.012792	-0.021365	0.002312	0.024421
	-0.016454	0.022162	0.020683	0.022434	0.009982	-0.012160
	0.023348	-0.003766	0.002601	0.004989	0.007199	-0.020632
	-0.013567					
z8	0.030993	-0.011213	0.030311	-0.009652	-0.005540	-0.014229
	-0.004130	-0.006274	-0.000834	0.024775	-0.032437	-0.009456
	-0.002240	-0.013746	0.000817	0.000045	0.005002	-0.004713
	0.003991	0.007648	0.016889	0.013723	0.010027	-0.010285
	-0.021015	0.007661	0.000901	-0.011826	0.020657	-0.009547
	-0.005945					

x9	-0.002754	0.015521	0.010057	0.013103	0.015540	-0.011857
	0.017048	0.023607	-0.018786	0.011742	-0.003383	-0.006930
	-0.029460	0.010832	0.000396	-0.026983	-0.024731	-0.005614
	-0.012219	-0.014385	-0.008493	0.000665	0.002353	-0.009276
	-0.005680	-0.003986	-0.008567	0.001446	-0.013838	0.008096
	0.007110					
y9	0.048772	0.019612	0.006497	-0.004805	0.001251	-0.005659
	-0.021247	0.031621	0.003872	0.021008	-0.025272	-0.003984
	0.004487	-0.002460	-0.014441	-0.021564	0.001316	0.023020
	-0.013967	0.022029	0.019963	0.018281	0.012033	-0.011341
	0.024086	-0.002211	-0.001343	0.001693	0.008474	-0.020197
	-0.013796					
z9	0.033387	-0.009732	0.030651	-0.008840	-0.006142	-0.013862
	-0.005419	-0.004426	0.000263	0.028613	-0.033468	-0.007220
	0.001333	-0.012467	0.000439	-0.000761	-0.001556	-0.002967
	0.004117	0.006310	0.015666	0.010171	0.015533	-0.013556
	-0.021444	0.012535	0.000510	-0.016052	0.023012	-0.014131
	-0.009242					
x10	-0.000878	0.018359	0.011784	0.012761	0.015757	-0.009729
	0.017925	0.020996	-0.019448	0.012462	-0.002891	-0.005870
	-0.027099	0.010818	0.002611	-0.023677	-0.021675	-0.001100
	-0.014696	-0.012601	-0.012108	0.003820	-0.005433	-0.012311
	-0.004633	-0.007808	-0.009759	0.006889	-0.009003	0.012717
	0.015844					
y10	0.046432	0.019567	0.005878	-0.003145	0.001174	-0.003249
	-0.020231	0.033159	0.004163	0.022432	-0.022465	-0.001916
	0.006813	-0.003098	-0.013760	-0.018145	0.002794	0.023894
	-0.011631	0.020821	0.017333	0.016446	0.012584	-0.011144
	0.026789	-0.004620	-0.008457	0.000702	0.007848	-0.017261
	-0.009996					
z10	0.036179	-0.008093	0.030628	-0.007790	-0.006715	-0.012812
	-0.005586	-0.002072	0.000721	0.031830	-0.032439	-0.006286
	0.006054	-0.010511	0.002683	-0.000596	-0.004497	0.002235
	0.005478	0.005376	0.014175	0.009216	0.017198	-0.016168
	-0.017382	0.014005	-0.002114	-0.018594	0.026359	-0.013574
	-0.011959					
x11	0.000355	0.020624	0.013156	0.010359	0.015897	-0.007941
	0.018710	0.016099	-0.020972	0.011689	-0.002077	-0.006081
	-0.027850	0.007807	0.003046	-0.021765	-0.018297	0.002226
	-0.015656	-0.010996	-0.013962	0.007726	-0.007191	-0.014074
	-0.005836	-0.008158	-0.008949	0.006743	-0.004684	0.009780
	0.019174					

y11	0.044124	0.019133	0.005413	-0.001688	0.001018	-0.001228
	-0.019087	0.033578	0.005437	0.021229	-0.019529	-0.000576
	0.007452	-0.005547	-0.015054	-0.017468	0.005034	0.024950
	-0.009693	0.022151	0.017738	0.013434	0.011668	-0.007741
	0.029439	-0.010947	-0.014522	-0.001100	0.002819	-0.018504
	-0.011116					
z11	0.039862	-0.006705	0.031207	-0.006520	-0.007658	-0.012132
	-0.005625	-0.001102	0.001889	0.033130	-0.032067	-0.004400
	0.009835	-0.009906	0.002719	-0.003193	-0.007625	0.007159
	0.005459	0.005528	0.013009	0.006257	0.019269	-0.016477
	-0.014422	0.012519	-0.004771	-0.020422	0.025061	-0.019055
	-0.014704					
x12	0.002369	0.021644	0.016010	0.008820	0.016324	-0.006597
	0.020049	0.010621	-0.019505	0.012349	-0.003117	-0.009389
	-0.031210	0.001351	0.000157	-0.019423	-0.013090	0.002527
	-0.020638	-0.003972	-0.013972	0.009387	-0.003907	-0.015301
	-0.003248	-0.006112	-0.001602	0.005757	0.004871	0.008374
	0.016440					
y12	0.041016	0.018371	0.004548	-0.001144	0.000278	-0.000472
	-0.018694	0.033201	0.005922	0.018281	-0.017262	0.001301
	0.008310	-0.008097	-0.016354	-0.014997	0.003248	0.023475
	-0.008622	0.020953	0.017765	0.011421	0.013076	-0.004876
	0.026194	-0.012461	-0.018219	-0.002005	-0.003317	-0.020097
	-0.004398					
z12	0.042338	-0.005426	0.030939	-0.005968	-0.008971	-0.012028
	-0.006680	0.000337	0.002136	0.032219	-0.032997	-0.000712
	0.014518	-0.008174	0.003856	-0.004037	-0.015702	0.008851
	0.007957	0.001325	0.011012	0.004818	0.024843	-0.018377
	-0.020439	0.016148	-0.008639	-0.023737	0.022361	-0.024691
	-0.009026					
x13	0.004140	0.023578	0.018033	0.008204	0.016910	-0.005000
	0.021195	0.008079	-0.018572	0.013457	-0.004062	-0.008509
	-0.034231	-0.002440	-0.001786	-0.016990	-0.009412	0.005066
	-0.028923	0.002660	-0.014336	0.012252	-0.006869	-0.014855
	-0.005794	-0.010014	0.001941	0.012222	0.021737	0.009775
	0.003156					
y13	0.037340	0.017883	0.003195	-0.000904	-0.000489	0.000762
	-0.018019	0.033288	0.006610	0.016615	-0.013197	0.002563
	0.007892	-0.009888	-0.015577	-0.010496	0.002330	0.021239
	-0.010333	0.020139	0.017380	0.010807	0.013009	-0.004612
	0.022719	-0.014039	-0.018825	0.001083	0.003199	-0.014969
	-0.009316					

z13	0.044469	-0.004159	0.030480	-0.005317	-0.010576	-0.011841
	-0.007507	0.001440	0.001504	0.032445	-0.031877	0.002250
	0.017516	-0.006324	0.005231	-0.004279	-0.019011	0.012476
	0.008513	-0.001891	0.006923	0.003817	0.028445	-0.020165
	-0.021194	0.019350	-0.010451	-0.023494	0.023494	-0.026965
	-0.009141					
x14	0.005814	0.024775	0.019495	0.006893	0.017237	-0.003176
	0.023256	0.005431	-0.016612	0.014786	-0.001197	-0.006556
	-0.032229	-0.004569	-0.003462	-0.012884	-0.004233	0.002711
	-0.026637	0.009230	-0.015611	0.013695	-0.006164	-0.014459
	-0.001999	-0.010760	0.002961	0.015277	0.028918	-0.003269
	0.000383					
y14	0.034044	0.017280	0.001589	-0.000610	-0.001145	0.002287
	-0.016996	0.032586	0.007991	0.014775	-0.009182	0.004288
	0.008270	-0.010727	-0.016406	-0.006925	0.003404	0.020771
	-0.007766	0.019667	0.015874	0.008260	0.011380	-0.003025
	0.022294	-0.016063	-0.020277	0.001777	0.001220	-0.015162
	-0.004372					
z14	0.046593	-0.002442	0.029882	-0.005466	-0.012101	-0.011372
	-0.007800	0.001356	0.002212	0.031883	-0.029532	0.005493
	0.019933	-0.005232	0.005247	-0.003769	-0.021358	0.016869
	0.009774	-0.002635	0.001819	0.002226	0.029315	-0.022042
	-0.020260	0.021248	-0.009400	-0.023854	0.021972	-0.033673
	-0.003684					
x15	0.006982	0.026119	0.021534	0.005767	0.017373	-0.001349
	0.024745	0.002554	-0.017030	0.017291	0.000409	-0.006052
	-0.031046	-0.005632	-0.001925	-0.011832	-0.000293	0.003774
	-0.020822	0.013986	-0.016764	0.013400	-0.006625	-0.010590
	0.004338	-0.012046	0.000899	0.015224	0.023902	-0.011235
	-0.003724					
y15	0.030292	0.016571	0.000344	-0.000937	-0.001562	0.003563
	-0.016444	0.032272	0.007935	0.012831	-0.005290	0.004709
	0.007608	-0.011588	-0.015385	-0.003373	0.004064	0.021031
	-0.004858	0.017458	0.015302	0.005548	0.010468	0.001124
	0.022922	-0.017900	-0.021149	0.002599	-0.002433	-0.013084
	-0.001615					
z15	0.048316	-0.000782	0.029985	-0.005469	-0.013561	-0.010605
	-0.007945	0.001886	0.000883	0.031871	-0.026888	0.007438
	0.021872	-0.002995	0.007126	-0.004474	-0.022259	0.021346
	0.012569	-0.005718	-0.000954	0.000231	0.029171	-0.021883
	-0.016590	0.022161	-0.007708	-0.025674	0.016257	-0.036807
	0.002779					

x16	0.007134	0.027462	0.023362	0.005040	0.018602	0.000992
	0.024533	-0.001869	-0.016283	0.018954	0.002102	-0.006283
	-0.031941	-0.008388	-0.000864	-0.009857	0.000564	0.005423
	-0.021756	0.019199	-0.018966	0.016604	-0.010798	-0.009727
	0.007107	-0.012895	-0.000944	0.018480	0.023809	-0.012403
	-0.011879					
y16	0.026453	0.015616	-0.001184	-0.000941	-0.001380	0.004840
	-0.015871	0.031504	0.008499	0.011481	-0.001166	0.004557
	0.006457	-0.012645	-0.015156	-0.000992	0.005355	0.019161
	-0.002172	0.015623	0.015085	0.003980	0.009685	0.003946
	0.023614	-0.020163	-0.021601	0.003463	-0.006250	-0.009250
	0.000099					
z16	0.049568	0.000805	0.029578	-0.005300	-0.014218	-0.009411
	-0.008078	0.001964	0.001794	0.032607	-0.022391	0.008776
	0.022681	-0.002409	0.007548	-0.005737	-0.022931	0.021593
	0.013675	-0.007698	-0.002696	0.000012	0.027609	-0.023635
	-0.012902	0.021899	-0.004503	-0.025192	0.016184	-0.033423
	0.004631					
x17	0.007395	0.028407	0.024753	0.004702	0.019376	0.003737
	0.025524	-0.005802	-0.016756	0.019891	0.002792	-0.007179
	-0.030037	-0.007880	0.001423	-0.010396	0.001774	0.000732
	-0.021825	0.023677	-0.019250	0.020242	-0.014153	-0.008824
	0.006579	-0.015951	-0.005084	0.021656	0.021417	-0.017743
	-0.021286					
y17	0.022352	0.014512	-0.002596	-0.000598	-0.000862	0.006219
	-0.015171	0.031129	0.008606	0.009859	0.002384	0.004482
	0.005373	-0.013562	-0.015156	0.001399	0.005979	0.017420
	-0.000316	0.013679	0.014770	0.001739	0.008838	0.006956
	0.023047	-0.021670	-0.023177	0.004864	-0.007954	-0.004783
	0.001797					
z17	0.050535	0.002180	0.029370	-0.004932	-0.015103	-0.007751
	-0.007303	0.002146	0.001471	0.032564	-0.019021	0.011165
	0.023679	-0.002082	0.007392	-0.009435	-0.024751	0.020241
	0.013045	-0.008423	-0.003992	-0.001532	0.025963	-0.023579
	-0.012470	0.022213	-0.003017	-0.023555	0.019896	-0.030137
	0.007937					
x18	0.007102	0.028694	0.025158	0.004198	0.018323	0.007822
	0.026431	-0.006004	-0.017803	0.020028	0.000988	-0.006665
	-0.027120	-0.003713	0.003802	-0.010126	-0.000174	0.001122
	-0.016824	0.025578	-0.020720	0.024693	-0.014895	-0.010728
	0.008351	-0.019971	-0.003897	0.025094	0.015766	-0.028047
	-0.023875					

y18	0.018019	0.013437	-0.003990	-0.000481	-0.000765	0.007736
	-0.014213	0.031112	0.008746	0.007810	0.005187	0.004592
	0.005228	-0.012975	-0.014512	0.004049	0.004970	0.015654
	0.002005	0.011009	0.014147	0.000299	0.007288	0.007977
	0.022242	-0.024795	-0.022645	0.006233	-0.008698	-0.003526
	0.005931					
z18	0.050844	0.003568	0.028843	-0.004147	-0.016800	-0.004657
	-0.006272	0.005587	0.000194	0.032406	-0.018016	0.012808
	0.026209	0.002034	0.008513	-0.012251	-0.027682	0.021558
	0.017680	-0.011835	-0.005218	-0.002210	0.024520	-0.026649
	-0.007280	0.020256	0.001316	-0.022331	0.018351	-0.030480
	0.022987					
x19	0.005685	0.028335	0.026199	0.004280	0.018495	0.010772
	0.025422	-0.006050	-0.017582	0.021276	0.001096	-0.006573
	-0.024114	0.001490	0.003121	-0.006717	0.000319	-0.004219
	-0.008768	0.026195	-0.022617	0.025052	-0.014805	-0.010603
	0.000860	-0.023031	-0.009926	0.021074	0.014110	-0.033677
	-0.030272					
y19	0.014472	0.012139	-0.005497	-0.000094	-0.000680	0.008980
	-0.012634	0.030195	0.008698	0.005773	0.009307	0.004135
	0.005027	-0.012950	-0.014394	0.005761	0.005800	0.013185
	0.003724	0.009235	0.014402	-0.001233	0.006308	0.010492
	0.023136	-0.027303	-0.021445	0.007427	-0.010104	-0.003445
	0.008430					
z19	0.049907	0.004207	0.028484	-0.002870	-0.017037	-0.001578
	-0.006093	0.009233	0.000621	0.033696	-0.014770	0.014641
	0.026371	0.005114	0.006429	-0.012929	-0.027202	0.016879
	0.024505	-0.014002	-0.004135	-0.003321	0.026619	-0.025593
	-0.013381	0.020014	-0.005463	-0.024755	0.024295	-0.019256
	0.023535					
x20	0.005072	0.028432	0.026408	0.003866	0.017509	0.013003
	0.027151	-0.008229	-0.018804	0.021070	0.004273	-0.007092
	-0.020442	0.005697	0.006026	-0.005333	0.000412	-0.006539
	-0.009137	0.026606	-0.022685	0.022224	-0.017213	-0.010820
	0.002275	-0.024003	-0.003667	0.021507	0.008284	-0.042839
	-0.022462					
y20	0.010349	0.010726	-0.007215	0.000318	0.000096	0.010104
	-0.012086	0.029410	0.008928	0.003767	0.012819	0.003617
	0.003066	-0.013404	-0.013296	0.008557	0.004596	0.010520
	0.005355	0.006246	0.014872	-0.001510	0.005141	0.011934
	0.020877	-0.030290	-0.022607	0.007985	-0.008668	-0.000269
	0.008375					

z20	0.050037	0.005001	0.027409	-0.001665	-0.019373	0.001670
	-0.003210	0.008509	-0.000406	0.031315	-0.008198	0.013047
	0.022750	0.004358	0.003943	-0.013556	-0.023675	0.013645
	0.019454	-0.012689	-0.001912	-0.005478	0.021126	-0.023832
	-0.008479	0.023618	-0.004272	-0.015621	0.024482	-0.016293
	0.002123					
x21	0.003357	0.028354	0.027622	0.003382	0.015871	0.016329
	0.027511	-0.010323	-0.015816	0.019271	0.004463	-0.009819
	-0.019031	0.004467	0.010539	-0.002003	-0.000522	-0.007631
	-0.007515	0.024266	-0.021276	0.019596	-0.015973	-0.004639
	-0.000623	-0.023284	-0.004171	0.021879	0.013302	-0.044802
	-0.009333					
y21	0.005210	0.009165	-0.010132	0.001073	0.000983	0.011684
	-0.010993	0.028444	0.007593	0.002338	0.017022	0.003553
	0.002035	-0.011704	-0.011258	0.011927	0.003697	0.007519
	0.006564	0.001845	0.015178	-0.002057	0.003684	0.013520
	0.019682	-0.033448	-0.023053	0.007146	-0.008784	0.002690
	0.004812					
z21	0.049348	0.006127	0.027895	-0.003592	-0.021007	0.004406
	-0.002107	0.006720	-0.003150	0.026123	-0.001554	0.011222
	0.017555	0.003825	-0.000766	-0.016703	-0.019565	0.011237
	0.022401	-0.004613	-0.007168	-0.002580	0.018834	-0.021339
	-0.012103	0.014132	-0.002315	-0.005319	0.015367	-0.014975
	-0.015611					
x22	0.001778	0.028355	0.028038	0.001896	0.014979	0.018317
	0.028626	-0.015000	-0.015005	0.017748	0.009435	-0.013233
	-0.021577	0.004228	0.008864	0.000981	0.005625	-0.007205
	-0.011246	0.023836	-0.019821	0.010210	-0.015923	0.001949
	-0.000109	-0.018083	-0.003741	0.016861	0.006002	-0.046798
	0.000656					
y22	0.000984	0.007291	-0.012388	0.002086	0.001676	0.012076
	-0.010789	0.027611	0.007484	0.000841	0.018214	0.004321
	0.001636	-0.011205	-0.008520	0.013747	-0.001796	0.004014
	0.007997	-0.002237	0.014780	-0.000627	0.004522	0.013073
	0.016800	-0.036354	-0.022876	0.006679	-0.006046	0.002596
	0.002382					
z22	0.048242	0.007609	0.027050	-0.005864	-0.020800	0.007370
	0.000565	0.005248	-0.005349	0.024021	0.008547	0.009503
	0.016010	0.007846	-0.001353	-0.015161	-0.012719	0.008980
	0.023741	0.001197	-0.010422	-0.004044	0.013224	-0.015831
	-0.010453	0.006392	0.001213	-0.002291	0.014597	-0.007309
	-0.018674					

x23	0.000664	0.028560	0.027715	0.001421	0.014263	0.019725
	0.029093	-0.020561	-0.012204	0.015952	0.014549	-0.014307
	-0.022042	0.002089	0.006394	0.006220	0.010668	-0.006475
	-0.013505	0.022277	-0.016984	-0.000130	-0.020159	0.005384
	0.001524	-0.021111	0.001223	0.008066	0.004074	-0.051476
	0.000332					
y23	-0.002510	0.005442	-0.013808	0.003583	0.002290	0.011499
	-0.010938	0.027954	0.007381	-0.000211	0.018601	0.003844
	0.002516	-0.009368	-0.005183	0.013869	-0.004976	0.004190
	0.009186	-0.004053	0.012266	0.001145	0.006165	0.012989
	0.015380	-0.036461	-0.026159	0.008510	-0.003161	0.007609
	0.005929					
z23	0.045758	0.008504	0.025411	-0.008439	-0.019060	0.010354
	0.002461	0.002956	-0.006233	0.023379	0.014660	0.010574
	0.015793	0.012315	-0.002749	-0.013457	-0.012830	0.002306
	0.024180	0.001392	-0.013531	-0.005500	0.011866	-0.012574
	-0.013491	0.001208	0.004931	-0.007071	0.012045	-0.006903
	-0.024833					
x24	-0.002462	0.027759	0.026078	0.002622	0.013813	0.019757
	0.028727	-0.022757	-0.009000	0.014836	0.013073	-0.012086
	-0.018310	0.000703	0.006690	0.011095	0.008420	-0.007075
	-0.012357	0.014195	-0.015368	-0.007276	-0.014689	0.003717
	0.000194	-0.020910	0.001695	-0.000387	0.001810	-0.049270
	0.000689					
y24	-0.003742	0.004245	-0.013076	0.005020	0.002894	0.009398
	-0.010522	0.027011	0.007497	-0.001605	0.019354	0.004171
	0.001796	-0.008880	-0.005497	0.011130	-0.004686	0.006555
	0.009100	0.001670	0.011385	0.003048	0.004445	0.013859
	0.015694	-0.035791	-0.025914	0.009085	0.000402	0.006851
	0.006978					
z24	0.042316	0.009667	0.023952	-0.010069	-0.016799	0.012421
	0.003822	0.001726	-0.006409	0.022860	0.016695	0.011494
	0.016502	0.016106	-0.001693	-0.007998	-0.016199	-0.002757
	0.024503	-0.001058	-0.015633	-0.004800	0.011651	-0.012874
	-0.012911	-0.004018	0.005926	-0.010650	0.010265	-0.003360
	-0.022158					
x25	-0.006366	0.027157	0.024613	0.004604	0.014256	0.018520
	0.029128	-0.022568	-0.006380	0.010998	0.009063	-0.009342
	-0.015889	-0.000402	0.005612	0.013595	0.005241	-0.006526
	-0.010931	0.008703	-0.012052	-0.008228	-0.008904	-0.000077
	-0.003325	-0.017068	-0.004556	-0.007101	-0.004359	-0.048077
	-0.001998					

y25	-0.003488	0.001886	-0.010643	0.005773	0.001833	0.007113
	-0.009076	0.025679	0.008846	-0.002014	0.021694	0.003553
	0.005146	-0.007713	-0.006404	0.006272	0.002491	0.002346
	0.010983	0.011195	0.012404	-0.000246	0.003940	0.013790
	0.023007	-0.039079	-0.016809	0.006632	0.008905	-0.000026
	0.002467					
z25	0.038273	0.011370	0.023704	-0.009615	-0.013707	0.013487
	0.004996	0.002526	-0.006575	0.020824	0.015534	0.011577
	0.015923	0.016938	-0.000312	-0.000291	-0.020905	-0.004535
	0.023254	-0.000866	-0.015526	-0.000278	0.010787	-0.012263
	-0.013529	-0.005399	0.004157	-0.011363	0.010364	0.001484
	-0.013419					
x26	-0.009595	0.025561	0.022916	0.006055	0.015371	0.015251
	0.031791	-0.022386	-0.004166	0.004821	0.007522	-0.007834
	-0.014272	-0.001592	0.003526	0.012390	0.010243	-0.003333
	-0.014471	0.009392	-0.008078	-0.006899	-0.009546	-0.001805
	0.002052	-0.019415	-0.002098	-0.013321	-0.008376	-0.047163
	-0.004401					
y26	-0.004726	0.002001	-0.008638	0.008393	-0.001459	0.006701
	-0.011169	0.026145	0.012846	-0.002464	0.015341	0.001643
	0.007551	-0.007381	-0.005570	0.001995	-0.004135	0.002394
	0.018701	0.014331	0.013338	-0.004003	0.009059	0.014039
	0.021791	-0.030170	-0.022835	0.010418	0.019290	0.001828
	-0.000827					
z26	0.033008	0.012599	0.024288	-0.008990	-0.009180	0.014352
	0.006545	0.005044	-0.008118	0.019009	0.014348	0.011703
	0.016750	0.018424	0.004727	0.007473	-0.023174	-0.006329
	0.023037	0.002765	-0.014600	0.004772	0.010521	-0.011195
	-0.016978	-0.004632	0.001477	-0.017028	0.013304	0.006727
	-0.002162					
x27	-0.013448	0.024398	0.019889	0.007184	0.015465	0.012712
	0.033933	-0.021136	-0.001540	-0.001746	0.006580	-0.007476
	-0.012295	-0.001801	0.000658	0.011555	0.012706	-0.000358
	-0.015318	0.010321	-0.004428	-0.004167	-0.008658	-0.004758
	0.009872	-0.018842	-0.005030	-0.015253	-0.007185	-0.043672
	-0.019259					
y27	-0.004670	-0.000143	-0.007067	0.010717	-0.002174	0.004080
	-0.011602	0.030387	0.013916	-0.001505	0.008854	0.005189
	0.005529	-0.007601	-0.002478	-0.002991	-0.001186	0.003850
	0.019484	0.018018	0.008610	-0.001196	0.012784	0.018022
	0.015771	-0.025367	-0.021860	0.000643	0.018045	0.000281
	0.014561					

z27	0.027117	0.013914	0.024959	-0.008013	-0.005049	0.014687
	0.007951	0.007851	-0.008000	0.015442	0.012548	0.009223
	0.016343	0.018572	0.010056	0.012317	-0.025428	-0.009116
	0.023338	0.006813	-0.011144	0.008919	0.011959	-0.007119
	-0.016072	-0.003647	-0.000131	-0.022698	0.021113	0.010657
	0.007258					
x28	-0.017104	0.022590	0.016051	0.008471	0.014338	0.008940
	0.034625	-0.019010	0.001389	-0.007046	0.007070	-0.007389
	-0.011114	-0.000326	-0.003587	0.007527	0.016791	0.002594
	-0.012702	0.012960	0.000230	0.000735	-0.010279	-0.004125
	0.022412	-0.016130	-0.009221	-0.017654	-0.009489	-0.036045
	-0.030771					
y28	-0.004376	-0.002128	-0.005969	0.011975	-0.001169	0.003057
	-0.007469	0.036396	0.012847	-0.000747	-0.000451	0.011221
	0.003693	-0.006708	0.003016	-0.008226	0.003180	0.008080
	0.017305	0.018173	-0.000889	0.001636	0.018693	0.017448
	0.009940	-0.021349	-0.022301	-0.011130	0.016629	-0.012440
	0.020642					
z28	0.021121	0.014347	0.025586	-0.006955	-0.001079	0.014888
	0.008559	0.011626	-0.007090	0.011039	0.010328	0.005523
	0.012404	0.016623	0.016170	0.013785	-0.026640	-0.012160
	0.019791	0.010296	-0.009254	0.012731	0.015197	-0.003104
	-0.016163	-0.005630	-0.000464	-0.030020	0.033126	0.013280
	0.014144					
x29	-0.019930	0.020725	0.011456	0.011157	0.011114	0.005815
	0.034263	-0.016656	0.006874	-0.017093	0.005664	-0.003512
	-0.008952	0.003084	-0.010494	-0.000261	0.017973	0.009647
	-0.011672	0.012567	0.005505	0.008408	-0.017376	-0.000251
	0.029684	-0.029834	-0.014459	-0.022261	-0.010156	-0.032068
	-0.041224					
y29	-0.004744	-0.002776	-0.003531	0.014425	0.000253	0.001566
	-0.004029	0.040879	0.019461	-0.005026	-0.003916	0.010582
	0.005798	-0.009543	0.005177	-0.015104	0.009923	0.003970
	0.007100	0.019633	-0.005717	0.003511	0.018324	0.012774
	0.009604	-0.017048	-0.013907	-0.013660	0.033683	-0.021579
	-0.008216					
z29	0.014955	0.014559	0.025882	-0.006250	0.002767	0.015370
	0.008431	0.016015	-0.006853	0.009416	0.008244	-0.001618
	0.004874	0.012703	0.021390	0.013042	-0.027004	-0.017390
	0.014693	0.013572	-0.002065	0.014763	0.020793	-0.002967
	-0.013582	0.002474	-0.000757	-0.033203	0.042342	0.016458
	0.015697					

x30	-0.020426	0.016957	0.009378	0.014469	0.006679	0.006416
	0.034847	-0.011828	0.005384	-0.023434	0.003523	0.003999
	0.000743	0.000701	-0.015529	-0.009163	0.020678	0.015141
	-0.017779	0.011481	0.017304	0.018085	-0.029330	0.007980
	0.024745	-0.038143	-0.018222	-0.027168	0.000483	-0.039935
	-0.037278					
y30	-0.003457	-0.003391	-0.001576	0.016086	0.000775	-0.000579
	-0.003958	0.040884	0.022565	-0.010551	-0.005023	0.010801
	0.005057	-0.006537	0.005605	-0.021228	0.012989	-0.003053
	-0.000362	0.020805	-0.012984	0.009240	0.021039	0.007173
	0.009852	-0.024007	-0.012896	-0.021921	0.030755	-0.029933
	-0.031802					
z30	0.010403	0.014814	0.025928	-0.007390	0.004925	0.013684
	0.006256	0.017115	-0.003206	0.007712	0.007352	-0.007665
	-0.003567	0.011914	0.022484	0.010427	-0.029484	-0.019488
	0.014987	0.012939	0.001799	0.013769	0.024428	-0.002151
	-0.008718	0.001665	-0.000251	-0.029906	0.034978	0.019166
	0.007853					
x31	-0.021434	0.014021	0.007080	0.015158	0.003565	0.004831
	0.035595	-0.007948	0.002999	-0.023179	0.005429	0.007394
	0.005233	0.000117	-0.014334	-0.010279	0.020768	0.018158
	-0.019530	0.004253	0.023972	0.022422	-0.031363	0.008264
	0.020894	-0.038210	-0.013132	-0.030268	0.008901	-0.040646
	-0.031370					
y31	-0.001194	-0.004029	-0.001375	0.012667	0.004079	-0.005267
	-0.006675	0.040071	0.022860	-0.008410	-0.002638	0.005600
	-0.000619	-0.004796	0.009029	-0.016955	0.006668	-0.001970
	-0.003973	0.017644	-0.013963	0.008306	0.019452	0.004620
	0.006310	-0.023225	-0.011675	-0.021150	0.019089	-0.022048
	-0.033878					
z31	0.006966	0.014278	0.025825	-0.009638	0.007036	0.011210
	0.002860	0.016202	0.001653	0.008452	0.006615	-0.014598
	-0.013713	0.010781	0.026234	0.008941	-0.034803	-0.019465
	0.014207	0.011261	0.008568	0.010123	0.022053	-0.004082
	-0.008392	0.001805	0.003304	-0.027138	0.025569	0.026274
	0.008143					
x32	-0.022902	0.011356	0.004886	0.014133	0.001711	0.002622
	0.036641	-0.005327	0.002140	-0.021293	0.009473	0.010242
	0.008618	-0.002676	-0.014871	-0.008506	0.017628	0.020128
	-0.024770	-0.003752	0.031817	0.024560	-0.031886	0.005309
	0.010880	-0.027028	-0.012600	-0.027322	0.023147	-0.035626
	-0.028079					

y32	0.000646	-0.005045	-0.002529	0.008509	0.007297	-0.009468
	-0.011219	0.037332	0.023991	-0.005623	-0.000991	0.001416
	-0.005926	-0.005018	0.008580	-0.013201	0.003140	-0.001939
	-0.007195	0.012912	-0.011416	0.004191	0.015744	0.003199
	0.002961	-0.018469	-0.011396	-0.015530	0.009799	-0.013046
	-0.032880					
z32	0.003022	0.013018	0.025479	-0.014298	0.008770	0.009156
	-0.000498	0.013027	0.008085	0.008893	0.006451	-0.019239
	-0.022019	0.006749	0.026080	0.008988	-0.038134	-0.020881
	0.015751	0.010379	0.017323	0.003760	0.016118	-0.006305
	-0.007404	0.008637	0.004143	-0.018144	0.018302	0.032847
	0.006625					
x33	-0.023604	0.009090	0.003180	0.013166	0.000359	-0.000495
	0.037185	-0.003332	0.000473	-0.017794	0.012941	0.011167
	0.011475	-0.005642	-0.012872	-0.007822	0.015263	0.021386
	-0.028033	-0.013312	0.037579	0.022464	-0.031018	0.004731
	0.002771	-0.012636	-0.013787	-0.028282	0.034277	-0.030798
	-0.021096					
y33	0.003457	-0.005610	-0.002936	0.003952	0.009826	-0.013526
	-0.015910	0.033984	0.023733	-0.003462	-0.000048	-0.003189
	-0.012162	-0.004152	0.009067	-0.010504	-0.001318	-0.004362
	-0.010571	0.009256	-0.008829	-0.001614	0.009746	0.002957
	-0.000074	-0.014687	-0.011715	-0.008476	0.005374	-0.006293
	-0.023576					
z33	0.000928	0.012342	0.026670	-0.018013	0.008828	0.006396
	-0.003274	0.008814	0.012007	0.010101	0.004704	-0.023277
	-0.031098	0.006898	0.027671	0.007344	-0.040207	-0.024267
	0.018823	0.009275	0.024186	-0.001511	0.007929	-0.011771
	-0.005746	0.012449	0.004797	-0.014049	0.007780	0.037570
	0.014218					
x34	-0.023589	0.007363	0.001482	0.012126	-0.001579	-0.003629
	0.037137	-0.000715	-0.001462	-0.012795	0.016339	0.010853
	0.012713	-0.007696	-0.006517	-0.006609	0.011992	0.021952
	-0.025892	-0.019340	0.040229	0.016720	-0.026621	0.010351
	-0.002297	0.001144	-0.014087	-0.030452	0.040249	-0.030243
	-0.012240					
y34	0.007135	-0.006068	-0.003239	-0.000436	0.010930	-0.016899
	-0.020007	0.031123	0.022795	-0.002016	0.000332	-0.006276
	-0.018073	-0.000964	0.009121	-0.008174	-0.006896	-0.006181
	-0.012388	0.009073	-0.006044	-0.005672	0.003368	0.005286
	-0.002840	-0.012719	-0.012147	0.002227	0.000900	-0.004754
	-0.011117					

z34	0.000405	0.011530	0.027935	-0.020061	0.006728	0.004008
	-0.002678	0.005251	0.013542	0.011117	0.004539	-0.024793
	-0.038020	0.007740	0.030840	0.004068	-0.039329	-0.026575
	0.024105	0.018079	0.028781	-0.006886	0.002868	-0.008991
	-0.004834	0.017103	0.001203	-0.005422	-0.002596	0.035056
	0.026693					
x35	-0.023355	0.005891	0.000534	0.012083	-0.002266	-0.006646
	0.035542	0.003268	-0.003161	-0.006281	0.017570	0.009443
	0.014287	-0.008164	-0.001164	-0.006445	0.009535	0.023312
	-0.022097	-0.029336	0.035298	0.008450	-0.018890	0.016802
	-0.006380	0.003440	-0.009083	-0.038035	0.038246	-0.026887
	-0.008718					
y35	0.011177	-0.006546	-0.003007	-0.003602	0.011942	-0.019589
	-0.023488	0.029116	0.021619	-0.000897	-0.000632	-0.008670
	-0.023058	0.003552	0.007196	-0.007645	-0.011639	-0.006220
	-0.014623	0.009768	-0.002909	-0.007968	-0.003774	0.007525
	-0.005109	-0.009153	-0.013011	0.010464	-0.007692	-0.006224
	-0.001859					
z35	0.000425	0.009706	0.030386	-0.018401	0.004456	0.002012
	-0.000415	0.003656	0.014060	0.010968	0.001935	-0.023073
	-0.038763	0.008192	0.027682	-0.002956	-0.033065	-0.026872
	0.025578	0.024708	0.023152	-0.011059	-0.005174	-0.001955
	-0.009276	0.008114	0.003356	-0.008772	-0.014867	0.031564
	0.028532					
x36	-0.022691	0.004624	-0.000290	0.012102	-0.000938	-0.008974
	0.032706	0.008297	-0.004479	0.000772	0.017237	0.006666
	0.014271	-0.005703	0.004198	-0.006425	0.005012	0.024540
	-0.018634	-0.042079	0.030057	-0.000161	-0.007476	0.017555
	-0.007279	0.002273	-0.001998	-0.043968	0.033674	-0.019127
	-0.009722					
y36	0.016186	-0.006536	-0.002489	-0.005182	0.012487	-0.021964
	-0.025812	0.026345	0.019069	0.000478	-0.002633	-0.010723
	-0.026516	0.008091	0.005747	-0.009580	-0.015352	-0.006158
	-0.018402	0.009941	0.000912	-0.008692	-0.008945	0.010096
	-0.005759	-0.002351	-0.017041	0.017245	-0.016487	-0.007934
	0.007151					
z36	0.001769	0.007987	0.033741	-0.014328	0.001929	0.002943
	0.004481	0.002244	0.011555	0.008533	-0.001827	-0.018628
	-0.033224	0.011609	0.022572	-0.010257	-0.026585	-0.024924
	0.025249	0.025867	0.018543	-0.011753	-0.010062	0.004817
	-0.013707	-0.002611	-0.001343	-0.013710	-0.020046	0.031234
	0.025817					

x37	-0.022293	0.002708	-0.002164	0.010842	0.002655	-0.010197
	0.028552	0.013390	-0.004379	0.005740	0.018264	0.002595
	0.010421	-0.003179	0.008768	-0.001781	-0.002727	0.023478
	-0.018453	-0.052408	0.023583	-0.007794	0.007439	0.010746
	-0.006605	0.004946	0.008103	-0.043510	0.035053	-0.008588
	-0.019958					
y37	0.021987	-0.006240	-0.002127	-0.005879	0.013458	-0.023977
	-0.027694	0.023089	0.016118	0.001574	-0.005452	-0.011944
	-0.028663	0.010817	0.004753	-0.013378	-0.016388	-0.004882
	-0.023275	0.010369	0.004685	-0.009283	-0.011760	0.014740
	-0.004819	0.006619	-0.019942	0.023007	-0.020656	-0.009494
	0.013169					
z37	0.002160	0.002934	0.034499	-0.010293	0.000608	0.006764
	0.008952	0.000680	0.007573	0.001902	-0.007383	-0.009021
	-0.022099	0.013596	0.012640	-0.011696	-0.015324	-0.024972
	0.024514	0.027221	0.008332	-0.006103	-0.007731	0.009405
	-0.013078	-0.012102	-0.004524	-0.016481	-0.012197	0.028437
	0.008111					
x38	-0.021563	0.002161	-0.003031	0.011516	0.007510	-0.011906
	0.022306	0.019552	-0.005143	0.011092	0.016464	-0.002671
	0.008548	0.001008	0.018904	0.003522	-0.012512	0.019559
	-0.019600	-0.061949	0.011636	-0.018099	0.019942	-0.002902
	-0.009091	-0.001768	0.024495	-0.042637	0.030758	0.009109
	-0.036628					
y38	0.027988	-0.004561	-0.001058	-0.005805	0.013758	-0.025206
	-0.027703	0.021601	0.014319	0.002317	-0.007317	-0.011400
	-0.030019	0.012970	0.002626	-0.019102	-0.017390	-0.001878
	-0.026211	0.011804	0.013178	-0.006728	-0.011606	0.020627
	-0.001766	0.017239	-0.024437	0.027586	-0.020780	-0.015659
	0.019369					
z38	0.005110	-0.003180	0.033209	-0.006141	0.000650	0.008004
	0.011126	-0.002198	0.004799	-0.005728	-0.013934	-0.002913
	-0.014504	0.009209	0.006590	-0.013477	-0.002282	-0.026762
	0.023061	0.034426	0.000626	0.004472	-0.007889	0.002250
	-0.009472	-0.017791	-0.002412	-0.020581	-0.011238	0.019177
	-0.004461					
x39	-0.022283	0.002601	-0.004022	0.010333	0.008011	-0.013688
	0.020574	0.020829	-0.012560	0.008299	0.012044	-0.007217
	0.007362	0.003887	0.018679	-0.001517	-0.014313	0.016768
	-0.016336	-0.057871	0.011192	-0.020076	0.012486	-0.007170
	-0.013502	-0.002336	0.025711	-0.040656	0.021367	0.020225
	-0.045392					

y39	0.031215	-0.003654	-0.000191	-0.005349	0.014242	-0.024861
	-0.026246	0.023549	0.017080	0.000743	-0.004937	-0.010968
	-0.032297	0.015698	0.005405	-0.018828	-0.021389	0.000713
	-0.026831	0.012995	0.016220	-0.009043	-0.007477	0.020259
	0.002537	0.015650	-0.023275	0.031141	-0.020397	-0.021683
	0.019921					
z39	0.006113	-0.005029	0.032890	-0.005681	0.000606	0.007405
	0.010065	-0.004380	0.003740	-0.002231	-0.018612	-0.001721
	-0.008038	0.002603	0.001318	-0.008903	0.006688	-0.029879
	0.018184	0.032004	-0.002357	0.012870	-0.004261	-0.002057
	-0.010534	-0.017163	-0.000778	-0.017570	-0.007949	0.018171
	-0.004731					
x40	-0.021893	0.003395	-0.004511	0.008693	0.008663	-0.016691
	0.020431	0.022440	-0.018709	0.004687	0.010679	-0.012065
	0.005200	0.002877	0.016858	-0.007001	-0.017170	0.016813
	-0.010196	-0.051233	0.015148	-0.016486	0.009464	-0.011930
	-0.015018	-0.000332	0.026017	-0.039922	0.017505	0.022863
	-0.047911					
y40	0.033875	-0.002467	0.000402	-0.004604	0.014309	-0.023275
	-0.026409	0.025119	0.018532	0.003705	-0.005703	-0.010010
	-0.029754	0.016537	0.006561	-0.018958	-0.018632	0.001920
	-0.031347	0.008892	0.016709	-0.008872	-0.005405	0.021857
	0.008151	0.012235	-0.022567	0.032246	-0.021156	-0.024961
	0.019364					
z40	0.008371	-0.006288	0.033474	-0.005185	-0.000128	0.006199
	0.008691	-0.006616	0.003209	0.001227	-0.023018	-0.000775
	-0.006261	0.001308	-0.003338	-0.006669	0.010850	-0.033649
	0.014775	0.031237	-0.000918	0.015288	-0.004550	-0.006733
	-0.015282	-0.016917	0.003388	-0.011981	-0.006058	0.017419
	-0.009954					
x41	-0.021087	0.004162	-0.004953	0.007550	0.009425	-0.019566
	0.019713	0.023711	-0.023766	0.001958	0.009247	-0.015157
	0.001659	0.001038	0.014658	-0.011673	-0.019038	0.015759
	-0.005399	-0.044182	0.019219	-0.012042	0.007635	-0.016136
	-0.015852	0.001391	0.026912	-0.040672	0.014168	0.021431
	-0.048423					
y41	0.036528	-0.001089	0.000745	-0.004208	0.014280	-0.021340
	-0.025747	0.026009	0.019041	0.005480	-0.008407	-0.009869
	-0.025725	0.018103	0.005642	-0.018700	-0.014841	0.000586
	-0.035107	0.006063	0.017646	-0.008375	-0.003219	0.020355
	0.011082	0.006780	-0.017440	0.032743	-0.020239	-0.027747
	0.012910					

z41	0.010705	-0.007425	0.034259	-0.005029	-0.000847	0.004705
	0.006522	-0.008273	0.002881	0.005900	-0.025876	-0.000598
	-0.006086	-0.001732	-0.005185	-0.005710	0.014243	-0.034745
	0.012548	0.027032	0.001041	0.016993	-0.004049	-0.006802
	-0.017337	-0.013602	0.001856	-0.004648	-0.005156	0.018015
	-0.009408					
x42	-0.019730	0.004816	-0.005629	0.007333	0.010561	-0.021595
	0.019205	0.025288	-0.026759	0.000427	0.008944	-0.017946
	-0.001061	0.000734	0.012643	-0.015299	-0.019925	0.013785
	-0.001227	-0.037358	0.022012	-0.009300	0.002390	-0.017964
	-0.015780	0.002659	0.023821	-0.036324	0.011149	0.024126
	-0.049751					
y42	0.039727	0.000756	0.001447	-0.003883	0.013683	-0.019555
	-0.024853	0.026413	0.019056	0.007720	-0.011393	-0.010142
	-0.020206	0.018362	0.003488	-0.019325	-0.012620	-0.000796
	-0.038284	0.003545	0.019285	-0.006056	0.000356	0.017604
	0.013481	0.003478	-0.013401	0.033928	-0.017374	-0.028687
	0.006729					
z42	0.011851	-0.009149	0.034749	-0.005582	-0.001017	0.002522
	0.003872	-0.009647	0.001271	0.008106	-0.028547	-0.000976
	-0.007734	-0.005328	-0.004821	-0.004261	0.018045	-0.035125
	0.011698	0.021876	0.004370	0.017429	-0.002718	-0.007651
	-0.019899	-0.012505	0.002257	-0.002536	-0.006316	0.013927
	-0.006511					
x43	-0.018194	0.004978	-0.006126	0.007578	0.011667	-0.023251
	0.018513	0.026325	-0.028108	-0.000737	0.008742	-0.019355
	-0.004051	0.002499	0.010369	-0.017822	-0.020597	0.009043
	0.001303	-0.033046	0.023416	-0.009229	-0.001568	-0.018887
	-0.016558	0.003418	0.019661	-0.030878	0.004964	0.025466
	-0.049412					
y43	0.043157	0.002810	0.002179	-0.003936	0.012938	-0.018120
	-0.024066	0.026284	0.017316	0.010703	-0.015387	-0.011434
	-0.014324	0.017489	0.002374	-0.020596	-0.009019	-0.002166
	-0.039756	0.001230	0.021907	-0.002383	0.004939	0.013628
	0.015389	0.000939	-0.008779	0.033222	-0.015516	-0.028515
	0.002035					
z43	0.012154	-0.011327	0.034987	-0.006123	-0.000982	0.000489
	0.001973	-0.009956	0.001022	0.007369	-0.029655	-0.000103
	-0.009645	-0.009476	-0.004947	-0.002206	0.018942	-0.032574
	0.010837	0.018343	0.007800	0.017490	-0.003249	-0.007344
	-0.021713	-0.010934	0.001674	-0.000135	-0.003977	0.010118
	-0.004403					

x44	-0.016739	0.004451	-0.006423	0.007811	0.013028	-0.024599
	0.017484	0.026320	-0.028048	-0.001054	0.008565	-0.019046
	-0.007853	0.004975	0.007141	-0.019701	-0.021848	0.001063
	0.002337	-0.032074	0.024627	-0.011477	-0.003718	-0.017652
	-0.017980	0.005021	0.014745	-0.024445	-0.004894	0.023005
	-0.044235					
y44	0.046524	0.005118	0.002883	-0.004505	0.012094	-0.016736
	-0.023356	0.026079	0.014615	0.012987	-0.019150	-0.013720
	-0.008459	0.015312	0.001880	-0.022199	-0.005098	-0.002118
	-0.038639	-0.000433	0.026130	0.002176	0.007582	0.009078
	0.018583	-0.000488	-0.004544	0.031745	-0.013082	-0.026521
	-0.004525					
z44	0.012338	-0.013466	0.034819	-0.006097	-0.000863	-0.002025
	0.000923	-0.008690	0.001344	0.007182	-0.030967	0.000113
	-0.010028	-0.011422	-0.003746	-0.000276	0.019539	-0.029582
	0.008131	0.015936	0.011286	0.016705	-0.004031	-0.005365
	-0.022184	-0.010667	0.001887	0.001933	0.002329	0.010194
	-0.001486					
x45	-0.015079	0.003620	-0.006573	0.008443	0.014257	-0.025377
	0.016571	0.026059	-0.026836	-0.000575	0.008096	-0.017704
	-0.012160	0.007351	0.004094	-0.019912	-0.022683	-0.008569
	0.001996	-0.033528	0.026793	-0.014528	-0.003965	-0.015712
	-0.018654	0.005832	0.008656	-0.016031	-0.015351	0.017601
	-0.037363					
y45	0.049587	0.007532	0.003428	-0.005226	0.011029	-0.015410
	-0.022837	0.026572	0.011520	0.015093	-0.023443	-0.016350
	-0.002215	0.013288	0.001556	-0.023543	-0.001437	-0.000976
	-0.036547	-0.000799	0.031774	0.007440	0.008903	0.003338
	0.021780	-0.000182	0.000344	0.029709	-0.008662	-0.022536
	-0.010847					
z45	0.012402	-0.015336	0.034490	-0.006727	-0.000190	-0.005461
	0.000047	-0.007987	0.001848	0.006824	-0.029222	-0.002260
	-0.011230	-0.012912	-0.001481	-0.001242	0.021364	-0.025485
	0.005370	0.013167	0.014196	0.015344	-0.007746	0.000147
	-0.020860	-0.011879	-0.000457	0.001933	0.006995	0.011539
	-0.003049					
x46	-0.013384	0.003301	-0.006087	0.009886	0.015067	-0.024893
	0.015944	0.026527	-0.025161	0.000858	0.007544	-0.015694
	-0.016045	0.008528	0.001650	-0.018816	-0.022435	-0.016663
	0.000764	-0.036017	0.030405	-0.015973	-0.003837	-0.010890
	-0.018758	0.004676	0.003151	-0.005267	-0.023556	0.011824
	-0.029863					

y46	0.052381	0.009777	0.003708	-0.006197	0.009840	-0.014848
	-0.022402	0.027107	0.007931	0.016983	-0.028095	-0.018360
	0.002856	0.011147	-0.000421	-0.026002	0.000518	-0.000626
	-0.035157	-0.000426	0.036573	0.012889	0.009934	-0.003679
	0.023398	0.001108	0.005253	0.027410	-0.004766	-0.019142
	-0.016609					
z46	0.012905	-0.017121	0.034147	-0.007652	-0.000228	-0.008607
	-0.000918	-0.007593	0.003078	0.007549	-0.026895	-0.004921
	-0.011707	-0.013869	0.000902	-0.002252	0.024626	-0.022559
	0.005621	0.009689	0.019459	0.012098	-0.008511	0.005916
	-0.018399	-0.011106	-0.001806	0.001141	0.009818	0.007079
	-0.004970					
x47	-0.018671	-0.002700	-0.014305	0.002638	0.022223	-0.031316
	0.004275	0.035707	-0.007163	-0.009789	0.008107	-0.007612
	-0.040287	0.014931	0.018327	-0.031018	-0.065478	-0.030085
	0.005004	-0.046412	0.011313	-0.040708	-0.009908	-0.001362
	-0.013439	0.021150	0.008694	0.008240	-0.011389	0.029171
	-0.030250					
y47	0.054794	0.015356	0.001966	-0.015619	0.016197	-0.019404
	-0.027456	0.029784	-0.007754	0.010481	-0.027398	-0.027988
	0.000013	-0.019495	0.033182	-0.022210	-0.002889	0.009265
	-0.015981	0.001568	0.017372	0.012177	0.011843	0.009968
	0.013119	-0.011179	0.009895	0.013142	-0.001061	0.038135
	-0.021171					
z47	0.015385	-0.028760	0.035561	-0.010034	0.001108	-0.025370
	0.004165	-0.018032	-0.006491	0.013748	-0.035794	-0.018343
	-0.027055	-0.018909	0.024878	-0.006963	0.014959	-0.007168
	-0.035604	0.023028	0.001716	0.053358	-0.007923	-0.005235
	-0.017250	0.029575	-0.036073	-0.015714	-0.034870	-0.003583
	0.001671					
x48	-0.018387	-0.001689	-0.012512	0.004695	0.021494	-0.030143
	0.004814	0.035225	-0.009038	-0.008001	0.009563	-0.010779
	-0.042968	0.015103	0.015125	-0.031759	-0.061883	-0.027310
	0.004308	-0.043155	0.006034	-0.037714	-0.008454	0.000444
	-0.016386	0.018514	0.007448	0.006990	-0.012939	0.032501
	-0.024377					
y48	0.054728	0.015909	0.002296	-0.013575	0.014247	-0.017998
	-0.027055	0.030417	-0.006604	0.012322	-0.028264	-0.026675
	0.001406	-0.018030	0.030062	-0.022360	-0.002822	0.011153
	-0.015194	0.002287	0.016649	0.013506	0.011293	0.005174
	0.013849	-0.013165	0.009392	0.011613	-0.001255	0.036800
	-0.013601					

z48	0.016306	-0.028100	0.034497	-0.010133	0.000627	-0.024324
	0.003142	-0.016375	-0.005600	0.015046	-0.036536	-0.016301
	-0.023670	-0.019497	0.023686	-0.005197	0.017229	-0.007967
	-0.032213	0.021269	0.006644	0.049744	-0.006407	-0.007433
	-0.016294	0.025176	-0.035732	-0.016174	-0.031297	-0.002663
	0.001740					
x49	-0.017943	-0.000657	-0.010569	0.006540	0.020729	-0.028946
	0.005224	0.034374	-0.010536	-0.006563	0.010616	-0.013161
	-0.045171	0.015058	0.012713	-0.031916	-0.058794	-0.023904
	0.003290	-0.039333	0.001624	-0.035250	-0.008038	0.002258
	-0.018788	0.016203	0.006303	0.006259	-0.013592	0.035269
	-0.019983					
y49	0.054732	0.016530	0.002509	-0.012379	0.012411	-0.015590
	-0.025568	0.031383	-0.006279	0.015252	-0.027712	-0.025015
	0.005440	-0.016397	0.026054	-0.021856	-0.000292	0.008434
	-0.010068	0.003271	0.018842	0.014695	0.012235	0.001207
	0.016464	-0.015379	0.007117	0.010758	0.003160	0.032651
	-0.016346					
z49	0.016936	-0.026707	0.033179	-0.010231	0.000584	-0.022795
	0.002477	-0.014416	-0.005057	0.016703	-0.036500	-0.015431
	-0.019844	-0.019811	0.023543	-0.003442	0.018988	-0.007553
	-0.027246	0.018451	0.011303	0.046621	-0.006409	-0.006629
	-0.015164	0.021189	-0.035927	-0.015247	-0.024561	0.001378
	0.000682					
x50	-0.017495	0.000486	-0.008739	0.008501	0.020038	-0.027206
	0.005171	0.034882	-0.012131	-0.004913	0.010138	-0.014327
	-0.046602	0.015760	0.010880	-0.031877	-0.057097	-0.021373
	0.003439	-0.036617	-0.001831	-0.033270	-0.005392	0.003828
	-0.022135	0.015088	0.003565	0.005968	-0.013349	0.038864
	-0.013361					
y50	0.054788	0.018453	0.003114	-0.011501	0.011309	-0.014041
	-0.026922	0.032195	-0.005729	0.016470	-0.029136	-0.022636
	0.006094	-0.015846	0.020508	-0.023484	0.003397	0.013521
	-0.012671	0.008349	0.018548	0.013264	0.011254	0.001998
	0.015785	-0.016822	0.009877	0.006478	0.004274	0.026944
	-0.011529					
z50	0.018057	-0.025199	0.032038	-0.010294	0.000556	-0.021850
	0.001226	-0.013642	-0.004562	0.018095	-0.035846	-0.014902
	-0.017802	-0.021032	0.021695	-0.002795	0.021795	-0.006294
	-0.024755	0.016691	0.013472	0.041843	-0.005285	-0.003780
	-0.014550	0.015722	-0.031512	-0.014883	-0.020654	0.000340
	0.000181					

x51	-0.016776	0.001903	-0.006829	0.009976	0.019511	-0.025356
	0.005203	0.034771	-0.013738	-0.003674	0.009677	-0.014473
	-0.047414	0.016178	0.009123	-0.031091	-0.054649	-0.018845
	0.003362	-0.033728	-0.004006	-0.031121	-0.003475	0.005110
	-0.025079	0.013716	0.000813	0.004722	-0.014941	0.039563
	-0.008527					
y51	0.054801	0.019031	0.003893	-0.010060	0.009172	-0.012228
	-0.027608	0.032152	-0.005179	0.019034	-0.029818	-0.019061
	0.007992	-0.014654	0.015443	-0.024530	0.004949	0.017713
	-0.011733	0.012931	0.020518	0.014712	0.009869	0.003818
	0.017493	-0.022367	0.008663	0.009060	0.005369	0.017892
	-0.011265					
z51	0.019340	-0.024138	0.030989	-0.009879	0.000074	-0.020905
	-0.000034	-0.012948	-0.004239	0.020453	-0.034785	-0.014880
	-0.015277	-0.021461	0.020076	-0.002591	0.023297	-0.005566
	-0.020701	0.014940	0.015171	0.037873	-0.004029	-0.000154
	-0.012442	0.009632	-0.027809	-0.011424	-0.015836	-0.000697
	0.000090					
x52	-0.015967	0.003276	-0.004579	0.011243	0.018891	-0.023058
	0.005107	0.035185	-0.014269	-0.002437	0.008902	-0.014166
	-0.047086	0.016470	0.008185	-0.030038	-0.051591	-0.016003
	0.002576	-0.030251	-0.005220	-0.028462	-0.002542	0.006809
	-0.025597	0.013384	-0.000508	0.003575	-0.014427	0.040733
	-0.002877					
y52	0.055003	0.019820	0.004215	-0.008590	0.006977	-0.010305
	-0.026623	0.032246	-0.003495	0.017870	-0.028400	-0.016419
	0.007922	-0.013440	0.013609	-0.024581	0.004984	0.020730
	-0.010721	0.013148	0.020504	0.015968	0.009380	0.007387
	0.021437	-0.022606	0.009905	0.007644	0.008115	0.014393
	-0.007192					
z52	0.020992	-0.022501	0.029702	-0.009402	-0.000484	-0.019722
	-0.000384	-0.012044	-0.003821	0.021552	-0.033015	-0.015308
	-0.013706	-0.021712	0.019746	-0.001226	0.023858	-0.004740
	-0.015517	0.011665	0.016820	0.034353	-0.003362	0.003911
	-0.010478	0.004480	-0.023507	-0.009844	-0.008430	-0.000865
	0.000325					
x53	-0.014903	0.004744	-0.002111	0.012041	0.018501	-0.020987
	0.005354	0.034970	-0.015041	-0.001362	0.007322	-0.013461
	-0.046710	0.016242	0.006962	-0.028875	-0.049155	-0.013785
	0.001918	-0.026857	-0.006297	-0.025791	-0.001201	0.007043
	-0.026440	0.012398	-0.002658	0.003754	-0.013221	0.038594
	0.002447					

y53	0.055154	0.021200	0.005024	-0.007655	0.005279	-0.007743
	-0.025703	0.030994	-0.003332	0.020570	-0.029184	-0.014163
	0.006524	-0.013066	0.008540	-0.025876	0.005693	0.020833
	-0.010652	0.016127	0.020827	0.017349	0.008093	0.009821
	0.026505	-0.024409	0.010919	0.008726	0.013338	0.006970
	-0.007846					
z53	0.022894	-0.020755	0.028777	-0.008973	-0.001297	-0.018092
	-0.000468	-0.011696	-0.003905	0.024168	-0.032544	-0.015239
	-0.012858	-0.022302	0.017699	-0.001117	0.023294	-0.005142
	-0.012024	0.009297	0.017672	0.030598	-0.001625	0.007353
	-0.008486	0.000224	-0.018303	-0.008025	-0.001233	-0.002285
	-0.001046					
x54	-0.013510	0.006604	0.000606	0.012755	0.018060	-0.018558
	0.005838	0.034832	-0.015201	-0.000601	0.006018	-0.013184
	-0.046028	0.016153	0.006039	-0.027285	-0.045541	-0.009641
	0.001861	-0.023280	-0.006678	-0.022966	-0.001588	0.008105
	-0.024079	0.011332	-0.004334	0.004690	-0.013384	0.037263
	0.007186					
y54	0.055229	0.021780	0.005774	-0.006735	0.004204	-0.004900
	-0.024008	0.031520	-0.003232	0.023400	-0.028602	-0.012309
	0.008693	-0.011974	0.006760	-0.025139	0.007688	0.020821
	-0.006530	0.016521	0.022310	0.020316	0.008067	0.012608
	0.034486	-0.024982	0.009714	0.008034	0.017576	0.000867
	-0.008039					
z54	0.025237	-0.019075	0.027991	-0.008542	-0.001510	-0.016345
	-0.000187	-0.010240	-0.004365	0.027163	-0.031745	-0.015638
	-0.009584	-0.021413	0.018345	-0.000291	0.023150	-0.004066
	-0.006089	0.006635	0.018558	0.028721	-0.000592	0.010300
	-0.004813	-0.002711	-0.015450	-0.007606	0.005864	-0.001103
	-0.001048					
x55	-0.012121	0.008301	0.002942	0.012941	0.017755	-0.016416
	0.006113	0.033969	-0.015636	-0.000009	0.003312	-0.012131
	-0.045575	0.014978	0.005402	-0.025552	-0.042732	-0.006036
	-0.000863	-0.020197	-0.006528	-0.019695	0.000405	0.009976
	-0.024109	0.012020	-0.004378	0.005336	-0.013254	0.033217
	0.013724					
y55	0.053950	0.022337	0.006612	-0.005858	0.003515	-0.003374
	-0.023282	0.032462	-0.000450	0.024470	-0.028110	-0.008333
	0.009899	-0.010326	-0.000866	-0.024957	0.003733	0.017102
	-0.004265	0.014084	0.023660	0.015093	0.012509	0.014483
	0.039122	-0.025858	0.011529	0.006184	0.019049	-0.007427
	-0.006586					

z55	0.026789	-0.016461	0.027684	-0.007559	-0.002529	-0.015576
	-0.001871	-0.009510	-0.001622	0.028218	-0.031181	-0.014895
	-0.006303	-0.021119	0.011612	-0.001307	0.016714	-0.006645
	-0.002454	0.002329	0.019664	0.021286	0.003831	0.010319
	0.000591	-0.003530	-0.010165	-0.006840	0.010513	-0.006705
	-0.003706					
x56	-0.010317	0.010352	0.006008	0.013019	0.017679	-0.014569
	0.006359	0.032469	-0.015711	0.002112	0.002325	-0.010893
	-0.044765	0.012372	0.004726	-0.024837	-0.040026	-0.004611
	-0.004509	-0.015976	-0.007748	-0.018600	0.000553	0.009263
	-0.020282	0.015181	-0.005412	0.007168	-0.011019	0.026930
	0.016925					
y56	0.053796	0.023038	0.006291	-0.005417	0.002134	-0.002120
	-0.020609	0.032877	-0.000289	0.023252	-0.028472	-0.008696
	0.006601	-0.010994	-0.003134	-0.024190	0.007505	0.018394
	-0.003003	0.015028	0.024881	0.015605	0.014746	0.011262
	0.036339	-0.028709	0.013679	0.011141	0.020196	-0.009322
	-0.002696					
z56	0.030018	-0.014499	0.026879	-0.007150	-0.003621	-0.014514
	-0.001087	-0.007828	-0.001354	0.029435	-0.031884	-0.015360
	-0.005785	-0.019698	0.011287	-0.000160	0.014999	-0.005257
	0.001117	0.001119	0.019961	0.018985	0.009072	0.007493
	-0.002024	-0.006343	-0.003807	-0.004588	0.016070	-0.007934
	-0.002313					
x57	-0.009107	0.012361	0.008416	0.012756	0.017598	-0.012719
	0.006903	0.031501	-0.016467	0.004911	0.003361	-0.010810
	-0.043593	0.010048	0.005371	-0.025041	-0.036834	-0.005167
	-0.001520	-0.012731	-0.008255	-0.017174	0.000639	0.004557
	-0.015811	0.015391	-0.002872	0.008098	-0.010114	0.025607
	0.018679					
y57	0.052230	0.023714	0.005627	-0.004892	0.001467	-0.000477
	-0.020593	0.033085	0.000766	0.024040	-0.025624	-0.005991
	0.006455	-0.013598	-0.001894	-0.023948	0.007151	0.023779
	-0.002743	0.012845	0.021800	0.018168	0.016451	0.008391
	0.036137	-0.027125	0.008390	0.009927	0.017325	-0.002716
	0.000823					
z57	0.032456	-0.012336	0.026177	-0.007001	-0.004423	-0.013185
	-0.001833	-0.006619	-0.000520	0.030892	-0.030775	-0.013990
	-0.002953	-0.019426	0.012634	-0.000728	0.011185	0.001450
	0.001337	-0.001317	0.018155	0.018462	0.011204	0.006137
	-0.003565	-0.006262	-0.003650	-0.007530	0.019108	-0.004846
	-0.000578					

x58	-0.008124	0.014605	0.010717	0.012397	0.017355	-0.010476
	0.007861	0.031041	-0.017025	0.006537	0.003251	-0.010235
	-0.043789	0.008800	0.006116	-0.023200	-0.034612	-0.003578
	0.000945	-0.009875	-0.008012	-0.014289	0.000761	0.001524
	-0.014725	0.013663	-0.003170	0.010175	-0.005178	0.024991
	0.022401					
y58	0.049774	0.024351	0.004853	-0.004477	0.001565	0.001644
	-0.020844	0.033978	0.002032	0.024338	-0.024842	-0.003805
	0.009987	-0.012769	-0.003856	-0.022127	0.003921	0.024068
	-0.001767	0.013032	0.022673	0.017235	0.015668	0.008337
	0.037757	-0.021783	0.002087	0.008014	0.020372	-0.005008
	0.001223					
z58	0.034365	-0.010135	0.025638	-0.006510	-0.004755	-0.011848
	-0.003335	-0.005220	0.000848	0.032467	-0.031260	-0.012558
	0.002496	-0.017425	0.011374	-0.000360	0.005083	0.002533
	0.002970	-0.003027	0.018924	0.015343	0.013258	0.005510
	-0.002471	-0.001627	-0.004494	-0.009720	0.025287	-0.007439
	-0.001945					
x59	-0.006253	0.016922	0.012272	0.011876	0.016674	-0.008641
	0.009606	0.028970	-0.017701	0.007501	0.003488	-0.010938
	-0.042989	0.006492	0.006359	-0.021633	-0.031141	-0.001330
	0.000433	-0.007440	-0.007555	-0.011721	0.000167	-0.000147
	-0.012593	0.008422	0.001408	0.011706	-0.001735	0.024955
	0.021082					
y59	0.048581	0.024702	0.005199	-0.003705	0.001502	0.003063
	-0.020320	0.034056	0.004932	0.023987	-0.022783	-0.000561
	0.009724	-0.013641	-0.007085	-0.019903	0.005293	0.026721
	-0.002386	0.013997	0.021640	0.013209	0.013645	0.010793
	0.038254	-0.026742	0.000445	0.007258	0.020560	-0.002282
	-0.000087					
z59	0.037227	-0.008211	0.026447	-0.005920	-0.004987	-0.011169
	-0.004450	-0.004132	0.003324	0.034119	-0.030695	-0.009401
	0.004927	-0.016426	0.010419	0.000442	0.002302	0.006165
	0.002652	-0.003739	0.016862	0.009789	0.013820	0.005969
	-0.001308	-0.002827	-0.002132	-0.011309	0.029272	-0.007276
	-0.003977					
x60	-0.004615	0.018959	0.014505	0.011423	0.016255	-0.007363
	0.011043	0.026777	-0.018253	0.009362	0.003641	-0.010608
	-0.042124	0.003442	0.005699	-0.018537	-0.029445	-0.000132
	-0.000735	-0.004364	-0.007781	-0.010169	0.000323	-0.001190
	-0.012461	0.006531	0.005103	0.012992	-0.000425	0.022000
	0.020194					

y60	0.046351	0.024612	0.005218	-0.003629	0.000568	0.003970
	-0.020886	0.034338	0.005480	0.022270	-0.021002	0.001291
	0.009689	-0.016170	-0.010220	-0.017338	0.005275	0.025943
	-0.003833	0.016257	0.021216	0.008453	0.012729	0.011139
	0.031201	-0.026234	-0.000551	0.003132	0.016413	-0.003914
	0.001302					
z60	0.039482	-0.006534	0.026660	-0.006162	-0.006315	-0.010566
	-0.005929	-0.003000	0.004070	0.033988	-0.030609	-0.007909
	0.006472	-0.016981	0.009362	0.000756	-0.001579	0.007399
	0.001871	-0.003053	0.015963	0.004462	0.015561	0.004791
	-0.005933	-0.000328	-0.000390	-0.015312	0.029233	-0.010295
	-0.002366					
x61	-0.003416	0.020908	0.016373	0.010889	0.016991	-0.005977
	0.012528	0.024350	-0.018078	0.011246	0.003399	-0.011191
	-0.041325	0.001069	0.005386	-0.015021	-0.027848	0.002184
	-0.003272	-0.001702	-0.008587	-0.006214	-0.000281	-0.000993
	-0.010887	0.005892	0.003079	0.014188	0.003250	0.020848
	0.018759					
y61	0.043818	0.023716	0.003921	-0.003123	0.001188	0.005223
	-0.020062	0.034063	0.006401	0.021606	-0.018997	0.000546
	0.012058	-0.017033	-0.011939	-0.015620	0.002728	0.021753
	-0.001481	0.017259	0.023232	0.007722	0.014122	0.008591
	0.034533	-0.024064	-0.007230	0.002375	0.016421	-0.007293
	0.000573					
z61	0.041094	-0.005322	0.025839	-0.005674	-0.006567	-0.009520
	-0.006712	-0.002194	0.005266	0.033822	-0.030532	-0.008547
	0.011142	-0.016454	0.008204	-0.000044	-0.007802	0.006039
	0.005633	-0.003737	0.017362	0.002207	0.018471	0.001094
	-0.002812	0.002797	-0.003734	-0.015864	0.033102	-0.014787
	-0.001910					
x62	-0.002269	0.022870	0.018172	0.009890	0.017268	-0.004606
	0.014571	0.021562	-0.017749	0.010972	0.002925	-0.011921
	-0.041370	-0.000756	0.004440	-0.012591	-0.025003	0.004452
	-0.005500	0.001571	-0.009228	-0.001644	-0.000514	-0.001955
	-0.010505	0.003323	0.002065	0.015650	0.006078	0.020166
	0.019662					
y62	0.041163	0.022739	0.002843	-0.002894	0.000897	0.007136
	-0.019257	0.034464	0.006213	0.021481	-0.017730	0.002571
	0.013051	-0.016034	-0.013027	-0.011247	-0.000394	0.021435
	-0.000292	0.018089	0.023787	0.006168	0.014149	0.006369
	0.039897	-0.022985	-0.009552	0.002147	0.011944	-0.012124
	0.004499					

z62	0.042887	-0.004517	0.025601	-0.005368	-0.007196	-0.007926
	-0.007491	-0.000397	0.004918	0.036140	-0.030656	-0.005093
	0.013874	-0.013732	0.008590	0.001670	-0.014122	0.008721
	0.007881	-0.004030	0.016303	-0.001213	0.020295	-0.002292
	0.003981	0.005700	-0.003585	-0.017814	0.031608	-0.021150
	0.003459					
x63	-0.000773	0.024744	0.020412	0.009626	0.017390	-0.003865
	0.016431	0.019136	-0.017129	0.012437	0.002369	-0.011905
	-0.040423	-0.002606	0.003035	-0.010637	-0.022867	0.005742
	-0.008213	0.004742	-0.011016	-0.000019	-0.001606	-0.001108
	-0.009868	0.000518	0.003323	0.017168	0.011014	0.019589
	0.015208					
y63	0.039360	0.022451	0.002246	-0.001774	-0.000017	0.007648
	-0.019204	0.035351	0.006582	0.019690	-0.017695	0.003431
	0.013532	-0.015348	-0.013628	-0.010836	-0.001770	0.021928
	0.001708	0.017899	0.025674	0.002429	0.015068	0.007603
	0.035511	-0.024739	-0.011235	0.005012	0.009862	-0.012031
	0.008994					
z63	0.045353	-0.002946	0.025492	-0.004205	-0.008480	-0.007687
	-0.008743	0.001615	0.005043	0.035793	-0.032284	-0.003684
	0.016551	-0.011051	0.010291	-0.001355	-0.018125	0.012110
	0.011220	-0.005753	0.017360	-0.005631	0.023965	-0.002339
	0.001278	0.006798	-0.003652	-0.014845	0.029534	-0.023676
	0.011086					
x64	0.000724	0.026516	0.022342	0.008968	0.018028	-0.003331
	0.017949	0.015816	-0.016184	0.013533	0.002100	-0.012836
	-0.040288	-0.004961	0.002155	-0.010418	-0.019340	0.006463
	-0.011954	0.007796	-0.013166	0.003378	-0.001680	-0.000444
	-0.007754	0.001565	0.001958	0.018047	0.012935	0.020331
	0.010719					
y64	0.036963	0.022428	0.001887	-0.001630	-0.000508	0.007959
	-0.018664	0.034637	0.008286	0.017983	-0.015216	0.003780
	0.013075	-0.016251	-0.014790	-0.011318	-0.003621	0.019140
	0.000897	0.018500	0.026341	-0.000977	0.014952	0.008184
	0.032759	-0.019964	-0.012401	0.007713	0.008362	-0.009626
	0.004332					
z64	0.047084	-0.000457	0.025846	-0.003769	-0.009929	-0.007572
	-0.009393	0.001783	0.007317	0.034209	-0.031407	-0.002846
	0.018698	-0.010960	0.008486	-0.005168	-0.024045	0.011223
	0.011172	-0.006488	0.018024	-0.011488	0.024964	-0.002720
	0.000252	0.014181	-0.002577	-0.011821	0.030184	-0.024717
	0.006125					

x65	0.002147	0.027636	0.024330	0.008017	0.018643	-0.002432
	0.018919	0.011439	-0.014985	0.013018	0.003370	-0.013705
	-0.039724	-0.007732	-0.000326	-0.008486	-0.015295	0.006966
	-0.015743	0.010279	-0.016091	0.007995	-0.004837	0.000516
	-0.001973	0.003142	-0.001470	0.019090	0.018744	0.019939
	0.007561					
y65	0.034424	0.021863	0.000678	-0.001648	-0.000987	0.008722
	-0.017283	0.034174	0.007527	0.016046	-0.011968	0.004856
	0.010619	-0.018539	-0.013561	-0.007429	-0.002565	0.019460
	0.000434	0.018643	0.025280	-0.002250	0.014360	0.008397
	0.032198	-0.018662	-0.016096	0.008336	0.007430	-0.007620
	0.004250					
z65	0.048203	0.001029	0.024881	-0.003840	-0.010723	-0.006370
	-0.008432	0.003393	0.005431	0.033557	-0.029376	-0.000447
	0.017728	-0.012643	0.011890	-0.002849	-0.026276	0.015700
	0.011593	-0.007402	0.015720	-0.013048	0.024926	-0.004120
	0.000695	0.016591	-0.005712	-0.014645	0.032180	-0.023677
	0.008316					
x66	0.003791	0.028082	0.026528	0.006881	0.018086	-0.001292
	0.020002	0.006756	-0.016162	0.013520	0.005756	-0.013132
	-0.036800	-0.010298	-0.000779	-0.007500	-0.008773	0.009554
	-0.017737	0.013088	-0.018542	0.010176	-0.009152	0.002027
	0.002128	0.003315	-0.002347	0.018356	0.021639	0.014855
	0.008369					
y66	0.031996	0.020891	-0.000462	-0.001273	-0.001297	0.009038
	-0.016572	0.032525	0.007753	0.014336	-0.009108	0.004424
	0.009646	-0.020274	-0.013127	-0.005554	-0.000545	0.020452
	0.000682	0.019528	0.023572	-0.003517	0.012065	0.009428
	0.032921	-0.018977	-0.018085	0.005959	0.002299	-0.008083
	0.001903					
z66	0.049116	0.001641	0.024280	-0.003278	-0.011291	-0.005611
	-0.008458	0.002728	0.004661	0.033455	-0.028826	0.000248
	0.019689	-0.013107	0.014994	-0.003593	-0.027798	0.019600
	0.015009	-0.007691	0.013346	-0.015009	0.023690	-0.005348
	0.001577	0.018094	-0.008389	-0.020343	0.028410	-0.024890
	0.008367					
x67	0.004876	0.028704	0.028561	0.005928	0.017396	-0.000330
	0.021146	0.003453	-0.017221	0.015860	0.006892	-0.011522
	-0.034899	-0.010977	-0.000299	-0.006003	-0.004783	0.011308
	-0.018486	0.016329	-0.020741	0.010942	-0.010743	0.001318
	0.002913	0.000199	-0.001473	0.019703	0.021623	0.010758
	0.007113					

y67	0.029296	0.019685	-0.001317	-0.001755	-0.001195	0.009411
	-0.016527	0.032278	0.007280	0.013653	-0.007447	0.004752
	0.007579	-0.019811	-0.012855	-0.005155	0.000445	0.020641
	0.002108	0.017208	0.023487	-0.002466	0.010133	0.009227
	0.029784	-0.022672	-0.018419	0.006010	-0.004462	-0.005794
	0.002511					
z67	0.050021	0.002336	0.024332	-0.004014	-0.011204	-0.005154
	-0.009458	0.004062	0.003151	0.034904	-0.029819	0.002519
	0.019449	-0.011026	0.016518	-0.007214	-0.029696	0.021326
	0.017414	-0.012809	0.013574	-0.014696	0.022875	-0.007555
	-0.003994	0.014749	-0.007724	-0.021066	0.023348	-0.022160
	0.010407					
x68	0.005839	0.029323	0.030178	0.004965	0.016760	0.000959
	0.022187	0.000669	-0.018349	0.017693	0.008157	-0.010408
	-0.033249	-0.010757	0.000303	-0.005714	-0.001525	0.011930
	-0.018698	0.018766	-0.022450	0.011607	-0.012796	0.001279
	0.004655	-0.002602	-0.001773	0.021034	0.021984	0.009790
	0.010094					
y68	0.026619	0.018822	-0.002141	-0.001827	-0.000927	0.010164
	-0.015827	0.031817	0.007645	0.012556	-0.005050	0.004949
	0.006730	-0.018951	-0.013633	-0.003093	0.000193	0.020106
	0.001892	0.015581	0.022792	-0.002678	0.008232	0.009555
	0.026897	-0.025226	-0.019397	0.006003	-0.007435	-0.003339
	0.004809					
z68	0.050890	0.003886	0.024249	-0.004318	-0.010846	-0.004075
	-0.008863	0.005595	0.003304	0.034860	-0.028635	0.004503
	0.020289	-0.008190	0.016491	-0.008084	-0.032881	0.021095
	0.016453	-0.016815	0.013297	-0.015367	0.020602	-0.009351
	-0.008019	0.012617	-0.007206	-0.021278	0.023988	-0.017279
	0.015301					
x69	0.006423	0.030001	0.031660	0.004025	0.016159	0.002375
	0.022583	-0.001931	-0.019850	0.019051	0.008491	-0.009425
	-0.032768	-0.010730	0.001567	-0.006650	0.000881	0.014055
	-0.018074	0.021149	-0.025746	0.012353	-0.015906	-0.000148
	0.005873	-0.003774	-0.004657	0.023690	0.021931	0.007008
	0.010895					
y69	0.023718	0.017709	-0.003325	-0.002017	-0.000505	0.010678
	-0.015186	0.031385	0.008122	0.011414	-0.001298	0.004618
	0.005873	-0.019261	-0.013910	-0.001124	0.000729	0.017509
	0.002971	0.015280	0.021557	-0.001753	0.007297	0.008497
	0.025325	-0.024089	-0.020748	0.007874	-0.008326	-0.002106
	0.001057					

z69	0.051437	0.004743	0.023346	-0.004987	-0.010264	-0.003420
	-0.009155	0.006572	0.003326	0.034847	-0.024359	0.005063
	0.020119	-0.008621	0.017426	-0.009090	-0.033920	0.018392
	0.018621	-0.018438	0.010708	-0.013885	0.020634	-0.015225
	-0.008252	0.017749	-0.009660	-0.017038	0.027575	-0.016594
	0.008413					
x70	0.006560	0.030342	0.032630	0.003455	0.015539	0.004158
	0.023013	-0.004114	-0.021278	0.020441	0.008166	-0.008509
	-0.031554	-0.010291	0.002286	-0.007778	0.001880	0.014894
	-0.017110	0.022612	-0.026401	0.013610	-0.016944	0.000281
	0.003607	-0.004968	-0.008446	0.023115	0.020517	0.006098
	0.010112					
y70	0.020937	0.016680	-0.004430	-0.001825	-0.000168	0.011365
	-0.014734	0.031068	0.008626	0.010652	0.001042	0.005002
	0.005054	-0.018962	-0.015018	0.001525	0.000237	0.015247
	0.004069	0.015085	0.020420	-0.001217	0.008024	0.009111
	0.023602	-0.025849	-0.020614	0.009069	-0.008354	-0.003244
	-0.003138					
z70	0.051850	0.006152	0.022718	-0.004548	-0.010630	-0.001858
	-0.009647	0.008197	0.003941	0.035628	-0.024263	0.007764
	0.019709	-0.007393	0.015471	-0.007980	-0.038160	0.015216
	0.021515	-0.018678	0.009192	-0.013626	0.027250	-0.014466
	-0.011904	0.016817	-0.007165	-0.018302	0.036637	-0.022098
	0.002621					
x71	0.006538	0.030681	0.033441	0.002943	0.015196	0.006366
	0.023675	-0.005407	-0.022689	0.021137	0.008178	-0.007792
	-0.030305	-0.009575	0.002257	-0.009398	0.003261	0.012997
	-0.015821	0.024955	-0.027300	0.014142	-0.017919	0.001506
	0.002956	-0.006211	-0.011285	0.023394	0.022989	0.005764
	0.010715					
y71	0.018049	0.015518	-0.005349	-0.001516	-0.000160	0.012120
	-0.014255	0.030571	0.009017	0.009269	0.003139	0.005166
	0.005321	-0.017804	-0.015761	0.003601	-0.000064	0.014217
	0.004781	0.014404	0.019429	-0.001285	0.007330	0.009581
	0.021868	-0.027209	-0.020499	0.010039	-0.009374	-0.003183
	-0.001877					
z71	0.052283	0.007641	0.022378	-0.003704	-0.011493	-0.000170
	-0.008900	0.010555	0.004025	0.033386	-0.021876	0.011206
	0.023238	-0.005662	0.013866	-0.009049	-0.038325	0.012881
	0.021092	-0.019990	0.009718	-0.014113	0.025378	-0.008925
	-0.014035	0.020184	-0.007730	-0.016372	0.047156	-0.019982
	0.002241					

x72	0.006032	0.030399	0.033849	0.002482	0.015102	0.008160
	0.023844	-0.006380	-0.022691	0.022428	0.008885	-0.007610
	-0.028985	-0.008731	0.002944	-0.008803	0.002365	0.010209
	-0.014567	0.026801	-0.025325	0.014587	-0.018408	0.001689
	-0.001661	-0.009722	-0.013734	0.023439	0.025621	0.007093
	0.007901					
y72	0.015044	0.014485	-0.006493	-0.001113	0.000070	0.012783
	-0.013407	0.029731	0.008834	0.008279	0.005561	0.004755
	0.005465	-0.016640	-0.016101	0.005220	0.000393	0.012292
	0.006412	0.013176	0.018317	-0.000949	0.006763	0.010177
	0.021911	-0.027277	-0.019770	0.010610	-0.013451	-0.003162
	-0.001861					
z72	0.052256	0.008665	0.021531	-0.003264	-0.012637	0.000924
	-0.009881	0.010879	0.003239	0.035382	-0.019712	0.009998
	0.023480	-0.003300	0.015372	-0.009509	-0.041087	0.008350
	0.023945	-0.020920	0.008840	-0.013440	0.028540	-0.009284
	-0.012505	0.023903	-0.006750	-0.020072	0.041229	-0.014953
	-0.000709					
x73	0.005858	0.030181	0.034306	0.002054	0.014489	0.009832
	0.025084	-0.007245	-0.022396	0.021144	0.009513	-0.007801
	-0.026884	-0.007363	0.004396	-0.011240	0.002817	0.007245
	-0.014050	0.029626	-0.026498	0.014271	-0.021395	-0.001609
	0.000481	-0.011724	-0.012479	0.024993	0.030887	-0.000613
	0.007763					
y73	0.011899	0.013499	-0.007447	-0.000762	0.000138	0.013769
	-0.012677	0.029082	0.008815	0.006904	0.007424	0.004807
	0.005364	-0.015478	-0.016425	0.006811	0.001305	0.011163
	0.008008	0.011732	0.016827	-0.001488	0.005678	0.010426
	0.021317	-0.028424	-0.019590	0.012172	-0.014968	-0.003720
	0.000441					
z73	0.052209	0.010062	0.022552	-0.003582	-0.014564	0.003235
	-0.010683	0.012034	0.003349	0.032922	-0.015732	0.012820
	0.020808	-0.003705	0.014093	-0.011853	-0.036856	0.008399
	0.023552	-0.020735	0.006780	-0.014055	0.023416	-0.008198
	-0.011689	0.017392	-0.005951	-0.018301	0.048937	-0.016095
	0.007995					
x74	0.005381	0.029017	0.034500	0.002408	0.014602	0.010958
	0.026828	-0.006471	-0.022718	0.020770	0.010333	-0.005033
	-0.025989	-0.005916	0.007575	-0.014245	0.002047	0.007089
	-0.011058	0.031317	-0.024370	0.014706	-0.020789	-0.002812
	-0.000171	-0.013840	-0.013009	0.021304	0.026989	-0.007717
	0.008567					

y74	0.008891	0.012444	-0.008552	-0.000687	0.000100	0.014899
	-0.012294	0.027679	0.009325	0.006391	0.010487	0.003538
	0.005444	-0.014770	-0.017157	0.010650	0.000742	0.008034
	0.008571	0.010277	0.015946	-0.001781	0.005399	0.010327
	0.018446	-0.030512	-0.019833	0.014140	-0.012395	-0.000713
	-0.002107					
z74	0.052123	0.012072	0.022861	-0.004236	-0.014843	0.004864
	-0.011176	0.012399	0.001961	0.028896	-0.012280	0.014435
	0.019463	-0.005079	0.015020	-0.006788	-0.040002	0.009746
	0.021354	-0.024418	0.004048	-0.012517	0.021812	-0.003703
	-0.019999	0.015166	-0.006160	-0.014531	0.050915	-0.010775
	0.003414					
x75	0.004856	0.028499	0.035026	0.002749	0.014359	0.013149
	0.027677	-0.006473	-0.024045	0.021888	0.011212	-0.006947
	-0.026721	-0.005619	0.009137	-0.016481	0.006275	0.004386
	-0.006975	0.033909	-0.022558	0.015492	-0.021229	-0.003448
	-0.003885	-0.013531	-0.009121	0.020125	0.019734	-0.008313
	0.007942					
y75	0.006221	0.011475	-0.009685	-0.000267	0.000401	0.015243
	-0.011918	0.026411	0.009465	0.005109	0.012846	0.003658
	0.005427	-0.013881	-0.017237	0.013093	-0.000576	0.006922
	0.008723	0.007549	0.015732	-0.001920	0.005480	0.010943
	0.017147	-0.032114	-0.021237	0.015089	-0.011770	-0.000491
	-0.002114					
z75	0.052188	0.012623	0.021935	-0.004432	-0.015803	0.006209
	-0.010233	0.011373	0.000643	0.027695	-0.007253	0.014498
	0.018293	-0.001152	0.015851	-0.007303	-0.038303	0.007206
	0.021225	-0.027240	0.002134	-0.014447	0.019406	-0.000281
	-0.019782	0.012344	-0.006175	-0.013960	0.049465	-0.010265
	-0.005982					
x76	0.004259	0.028702	0.034291	0.002830	0.013299	0.016241
	0.028611	-0.008627	-0.024039	0.022325	0.011908	-0.012163
	-0.023619	-0.005120	0.009578	-0.016367	0.007435	0.002470
	-0.006636	0.033611	-0.022596	0.013826	-0.023422	-0.004083
	-0.004828	-0.011624	-0.005032	0.023898	0.015311	-0.010670
	0.004124					
y76	0.003981	0.010439	-0.010761	-0.000071	0.000888	0.014832
	-0.011245	0.025182	0.008582	0.003152	0.015245	0.004929
	0.005225	-0.012768	-0.016561	0.014573	-0.001821	0.006124
	0.008376	0.006440	0.016154	-0.002223	0.005441	0.011730
	0.017394	-0.034169	-0.020620	0.014456	-0.013120	-0.002458
	-0.002403					

z76	0.051766	0.012649	0.022585	-0.005201	-0.016987	0.007684
	-0.009170	0.010411	0.001840	0.024689	-0.001152	0.013877
	0.014264	-0.001278	0.014350	-0.007538	-0.030163	0.005846
	0.018459	-0.022153	-0.001055	-0.013979	0.013751	-0.001539
	-0.017391	0.010074	-0.000883	-0.018026	0.047493	-0.005625
	-0.015976					
x77	0.003132	0.028825	0.032930	0.002929	0.012874	0.018854
	0.029457	-0.010803	-0.023251	0.022038	0.011976	-0.016671
	-0.019897	-0.004671	0.010183	-0.014698	0.005606	0.000698
	-0.005622	0.032740	-0.020318	0.013288	-0.024862	-0.006266
	-0.007427	-0.010773	-0.000012	0.024856	0.014005	-0.010400
	-0.002303					
y77	0.001533	0.009290	-0.011782	0.000164	0.001143	0.014952
	-0.010485	0.024195	0.007710	0.001526	0.017352	0.005525
	0.004478	-0.010655	-0.015194	0.015897	-0.002419	0.005254
	0.008877	0.005048	0.015344	-0.002836	0.004823	0.012558
	0.017245	-0.036086	-0.021062	0.014658	-0.014972	-0.003998
	-0.003159					
z77	0.051035	0.012597	0.022991	-0.006608	-0.017716	0.008340
	-0.008671	0.009419	0.001650	0.025178	0.005372	0.013508
	0.009771	-0.001988	0.012836	-0.006192	-0.025556	0.003984
	0.016592	-0.020818	-0.003129	-0.014227	0.011715	0.003668
	-0.013944	0.005925	0.003527	-0.015155	0.039522	-0.004101
	-0.006667					
x78	0.001304	0.028724	0.032546	0.002775	0.012924	0.021116
	0.029855	-0.012490	-0.021083	0.020917	0.012142	-0.019355
	-0.019323	-0.005450	0.008335	-0.012446	0.006092	-0.001995
	-0.004091	0.032177	-0.018454	0.014761	-0.024824	-0.006578
	-0.012080	-0.011311	0.001269	0.021787	0.014148	-0.006462
	-0.008857					
y78	-0.000698	0.007862	-0.012771	0.000250	0.001295	0.014736
	-0.009736	0.023070	0.006670	0.000700	0.019106	0.005962
	0.003166	-0.008765	-0.013744	0.017063	-0.004974	0.003368
	0.008677	0.002846	0.015428	-0.004391	0.003978	0.013126
	0.015789	-0.037289	-0.020071	0.012569	-0.014673	-0.003508
	-0.003836					
z78	0.050630	0.012374	0.021641	-0.007218	-0.017509	0.010269
	-0.006904	0.009082	-0.001258	0.027247	0.012390	0.014108
	0.012192	0.001848	0.015635	-0.004277	-0.019535	0.004432
	0.015749	-0.020247	-0.010235	-0.016031	0.009940	0.005885
	-0.012387	0.003803	0.001518	-0.009360	0.034288	-0.007284
	0.001096					

x79	-0.000242	0.028735	0.031897	0.002489	0.013249	0.022846
	0.030619	-0.014626	-0.018803	0.020649	0.012633	-0.021277
	-0.017553	-0.005973	0.007829	-0.008695	0.006566	-0.003350
	-0.004500	0.031102	-0.016899	0.015122	-0.024000	-0.006511
	-0.015069	-0.012401	0.001940	0.019656	0.014718	-0.006678
	-0.012026					
y79	-0.002907	0.006499	-0.013600	0.000832	0.001403	0.014088
	-0.009592	0.021593	0.006386	0.000108	0.022308	0.004869
	0.002751	-0.007068	-0.011735	0.017359	-0.007372	0.002639
	0.009250	0.002228	0.016127	-0.006172	0.003847	0.012913
	0.014920	-0.039738	-0.019681	0.012717	-0.013120	-0.003438
	-0.002716					
z79	0.048846	0.012294	0.019876	-0.007516	-0.017425	0.013489
	-0.005337	0.009034	-0.003135	0.025832	0.015311	0.014923
	0.012896	0.007250	0.012781	-0.004051	-0.016003	0.000580
	0.019114	-0.022216	-0.015336	-0.016722	0.009619	0.010004
	-0.013006	0.002543	0.003208	-0.010063	0.026897	-0.006608
	0.000143					
x80	-0.001903	0.028685	0.031246	0.002112	0.013789	0.024206
	0.030915	-0.016682	-0.016486	0.020198	0.011528	-0.021410
	-0.015189	-0.006516	0.006753	-0.003891	0.006693	-0.004903
	-0.005231	0.028076	-0.014790	0.015449	-0.019022	-0.005691
	-0.020348	-0.013455	0.003927	0.015630	0.012609	-0.006674
	-0.012698					
y80	-0.004897	0.005264	-0.014274	0.001653	0.001555	0.013242
	-0.009568	0.019834	0.006375	-0.000567	0.023840	0.005529
	0.002220	-0.004837	-0.010853	0.015382	-0.010869	0.000840
	0.009024	0.000772	0.015646	-0.008804	0.006165	0.012958
	0.012167	-0.040387	-0.017782	0.011945	-0.013652	-0.007079
	0.000009					
z80	0.047251	0.011992	0.018077	-0.008677	-0.017262	0.015527
	-0.003338	0.008249	-0.004484	0.026974	0.020965	0.014540
	0.011906	0.011902	0.010789	0.000770	-0.013199	-0.000689
	0.024424	-0.022532	-0.019588	-0.016086	0.001044	0.007969
	-0.006868	-0.003398	0.002439	-0.006468	0.021677	-0.002136
	-0.003709					
x81	-0.003532	0.028778	0.030831	0.001863	0.015065	0.025414
	0.030569	-0.017449	-0.013599	0.019932	0.009760	-0.019313
	-0.012669	-0.006312	0.005096	0.002112	0.006869	-0.005410
	-0.004562	0.024263	-0.014386	0.013699	-0.012420	-0.006144
	-0.027427	-0.016264	-0.000290	0.008816	0.010683	-0.003943
	-0.015699					

y81	-0.006294	0.004297	-0.015139	0.003396	0.001826	0.012188
	-0.009037	0.017246	0.006635	-0.001375	0.025953	0.006842
	0.003152	-0.002491	-0.010553	0.015677	-0.014513	0.002260
	0.008583	-0.000046	0.014026	-0.012375	0.006367	0.011980
	0.011689	-0.041522	-0.015609	0.012670	-0.015675	-0.010572
	-0.000274					
z81	0.046703	0.011945	0.016499	-0.010397	-0.018780	0.015271
	-0.000693	0.003975	-0.004347	0.026321	0.027146	0.011993
	0.009733	0.013682	0.006791	0.000674	-0.009560	-0.002530
	0.023790	-0.020348	-0.021900	-0.014877	-0.007573	0.009270
	0.004125	-0.005077	0.012378	-0.005197	0.016957	-0.003894
	-0.001433					
x82	-0.004749	0.029066	0.030259	0.001722	0.016776	0.026108
	0.030177	-0.019232	-0.010450	0.020687	0.006768	-0.014176
	-0.008188	-0.005493	0.003844	0.010014	0.006650	-0.005149
	-0.003519	0.018044	-0.014468	0.009157	-0.003518	-0.007634
	-0.033040	-0.018434	-0.006438	-0.000245	0.008545	0.000022
	-0.015834					
y82	-0.007512	0.003384	-0.016158	0.005980	0.002584	0.010778
	-0.009033	0.014070	0.007687	-0.001751	0.027390	0.009508
	0.005099	0.000089	-0.010645	0.017185	-0.019780	0.004047
	0.008740	-0.003092	0.010990	-0.015065	0.008344	0.009252
	0.010057	-0.041734	-0.017048	0.012118	-0.015795	-0.011908
	0.003374					
z82	0.045833	0.011642	0.015301	-0.012502	-0.020821	0.013893
	0.000638	0.001872	-0.004000	0.026047	0.029426	0.010767
	0.008022	0.013718	0.000563	-0.002540	-0.009501	-0.004570
	0.023352	-0.016212	-0.023044	-0.014501	-0.008627	0.009740
	0.004055	-0.009795	0.021878	-0.007731	0.007923	-0.005412
	-0.003213					
x83	-0.006175	0.028837	0.028898	0.000697	0.017905	0.026371
	0.030431	-0.020720	-0.008311	0.020870	0.001794	-0.009009
	-0.003752	-0.004930	0.003325	0.017643	0.007524	-0.004966
	-0.002371	0.012415	-0.013543	0.003695	0.006810	-0.011553
	-0.038732	-0.024427	-0.009439	-0.012532	0.004384	0.006826
	-0.020191					
y83	-0.008542	0.002552	-0.017524	0.008583	0.002901	0.009464
	-0.009631	0.011354	0.008347	-0.001123	0.027990	0.010926
	0.006257	0.003225	-0.011015	0.016223	-0.026777	0.005960
	0.010263	-0.007705	0.007900	-0.020422	0.011239	0.005456
	0.005837	-0.042999	-0.016816	0.009633	-0.017762	-0.011216
	0.004826					

z83	0.044293	0.011390	0.014450	-0.014079	-0.019431	0.013379
	0.000773	0.000851	-0.001128	0.026155	0.031465	0.014853
	0.010523	0.011788	-0.001886	0.001331	-0.012780	-0.004352
	0.027008	-0.018528	-0.024916	-0.013566	-0.002292	0.015120
	0.002533	-0.012758	0.017852	-0.010926	0.004664	-0.010812
	0.000992					
x84	0.019484	0.020219	-0.006445	-0.003846	0.014677	0.010646
	0.021221	-0.009581	-0.012652	-0.018166	-0.015585	-0.008089
	-0.006680	0.018235	0.008317	0.006920	0.009046	-0.016773
	-0.056125	-0.011890	0.019308	-0.008953	0.012770	-0.021356
	-0.005262	0.003942	-0.009437	-0.013080	-0.009538	0.000679
	0.000583					
y84	-0.028905	-0.006902	-0.001890	0.010949	0.007283	0.020411
	0.027424	-0.010187	-0.007289	0.000959	0.029176	-0.008381
	0.007194	0.005878	-0.000722	0.003862	-0.007687	-0.005712
	-0.008599	0.003622	0.001461	-0.014027	0.008001	-0.006406
	0.025267	0.026288	-0.010971	-0.007203	-0.004580	-0.000488
	0.031508					
z84	0.006575	0.001619	-0.016896	-0.007372	-0.013323	0.002955
	-0.005652	0.021591	0.004062	-0.013847	0.018851	-0.015842
	-0.004565	0.018977	-0.017331	0.040150	0.011337	-0.001659
	-0.022336	0.007860	-0.002409	0.016944	-0.000821	-0.014034
	-0.000833	-0.025913	0.010874	-0.008025	0.005289	0.019137
	-0.021967					
x85	0.019441	0.020194	-0.005487	-0.006268	0.015133	0.012790
	0.018613	-0.012018	-0.014610	-0.013512	-0.016449	-0.005851
	-0.007525	0.016660	0.007176	0.003446	0.007062	-0.020039
	-0.047430	-0.012678	0.019749	-0.008393	0.012323	-0.020176
	-0.004662	0.003626	-0.004714	-0.016942	-0.011398	0.002034
	-0.004656					
y85	-0.029446	-0.007681	-0.002174	0.010128	0.006763	0.021805
	0.028476	-0.009018	-0.007978	-0.000832	0.029901	-0.009879
	0.004618	0.005070	-0.001725	0.003604	-0.009011	-0.003914
	-0.005748	0.002309	0.002347	-0.011797	0.006693	-0.007312
	0.023476	0.019979	-0.008393	-0.012871	-0.000674	-0.002736
	0.028677					
z85	0.007556	0.001385	-0.017047	-0.006696	-0.013879	0.002431
	-0.005002	0.020723	0.005141	-0.015551	0.023977	-0.015492
	-0.001332	0.021912	-0.013122	0.044568	0.008852	-0.000328
	-0.026494	0.005867	-0.005819	0.010194	0.000794	-0.014327
	-0.001614	-0.024140	0.008749	0.000173	0.008379	0.019742
	-0.013710					

x86	0.019639	0.020821	-0.004236	-0.008363	0.015211	0.015399
	0.016087	-0.014603	-0.015093	-0.008025	-0.017413	-0.001681
	-0.008396	0.015586	0.004527	0.001539	0.004785	-0.024690
	-0.040646	-0.015493	0.018560	-0.006202	0.012077	-0.018416
	-0.005088	0.004153	-0.004796	-0.020302	-0.010224	0.003744
	-0.007449					
y86	-0.029893	-0.008103	-0.002953	0.009169	0.005592	0.023810
	0.029098	-0.008025	-0.008954	-0.001896	0.030892	-0.011086
	0.002616	0.003457	-0.002402	0.003248	-0.010180	-0.001752
	-0.002094	0.000523	0.002898	-0.009664	0.004820	-0.009767
	0.020854	0.014536	-0.006124	-0.016348	0.001572	-0.002448
	0.025849					
z86	0.008441	0.000276	-0.017774	-0.006793	-0.014295	0.000694
	-0.004557	0.019232	0.005021	-0.017095	0.026143	-0.014659
	-0.000034	0.021077	-0.010562	0.046975	0.006122	0.002926
	-0.026708	0.003826	-0.008258	0.002216	0.002194	-0.013059
	-0.002565	-0.019940	0.010661	0.005114	0.004925	0.019130
	-0.008149					
x87	0.019812	0.022282	-0.003176	-0.009675	0.014217	0.017240
	0.013995	-0.017634	-0.013966	-0.003468	-0.020443	0.001874
	-0.008689	0.013134	-0.000448	0.001130	0.001850	-0.027139
	-0.035944	-0.018660	0.016174	-0.005213	0.013934	-0.015871
	-0.003672	0.007780	-0.006263	-0.020303	-0.008083	0.001830
	-0.008255					
y87	-0.030115	-0.008255	-0.004161	0.008450	0.004439	0.025669
	0.029114	-0.007447	-0.009058	-0.002055	0.032198	-0.011694
	0.001704	0.002588	-0.004146	0.001972	-0.010733	-0.001252
	0.001361	-0.001222	0.003553	-0.007868	0.003118	-0.012923
	0.017745	0.011191	-0.003384	-0.019690	0.003328	-0.002447
	0.021471					
z87	0.009604	-0.001294	-0.018664	-0.007271	-0.014002	-0.000755
	-0.004426	0.019034	0.005172	-0.017281	0.029194	-0.012531
	0.000702	0.021474	-0.006212	0.046799	0.005004	0.003450
	-0.026187	0.001983	-0.006897	-0.002289	-0.001036	-0.014581
	-0.005612	-0.020314	0.013797	0.006781	-0.000308	0.021037
	-0.006418					
x88	0.020294	0.023674	-0.002290	-0.010804	0.013474	0.018219
	0.012265	-0.019846	-0.012387	0.002534	-0.022586	0.005382
	-0.009283	0.010696	-0.002434	0.002257	-0.001859	-0.027767
	-0.033036	-0.019490	0.012356	-0.005549	0.013617	-0.014026
	-0.001345	0.010486	-0.006910	-0.019156	-0.003349	0.000804
	-0.011876					

y88	-0.029989	-0.008055	-0.005276	0.007723	0.003664	0.027645
	0.028754	-0.006576	-0.009650	-0.001354	0.033763	-0.011885
	0.001714	0.002818	-0.005425	0.001420	-0.010851	-0.000750
	0.004452	-0.002654	0.004615	-0.005058	0.001044	-0.016303
	0.016114	0.008836	0.000745	-0.023255	0.006562	-0.001277
	0.018309					
z88	0.010891	-0.002496	-0.019135	-0.007768	-0.013798	-0.001478
	-0.004644	0.018357	0.004666	-0.017431	0.029993	-0.008988
	0.001204	0.021192	-0.005542	0.044837	0.005745	0.003012
	-0.024309	-0.001961	-0.005128	-0.004320	-0.002123	-0.015157
	-0.008917	-0.019031	0.014414	0.006611	-0.007057	0.019716
	-0.000416					
x89	0.021099	0.024651	-0.001460	-0.011836	0.012834	0.018823
	0.011474	-0.020902	-0.012802	0.007814	-0.024181	0.009977
	-0.009538	0.008302	-0.005607	-0.000162	-0.000417	-0.028487
	-0.029171	-0.022283	0.010872	-0.003030	0.013262	-0.013488
	-0.000735	0.012183	-0.010856	-0.020555	-0.005872	0.001287
	-0.011614					
y89	-0.029705	-0.007751	-0.006518	0.007025	0.002896	0.028974
	0.028189	-0.005972	-0.010447	-0.000612	0.034719	-0.012443
	0.001322	0.002974	-0.006565	0.000307	-0.010089	-0.001241
	0.007108	-0.003072	0.005552	-0.001313	0.000290	-0.019082
	0.012667	0.004882	0.002248	-0.025843	0.007555	0.001386
	0.019814					
z89	0.011896	-0.003006	-0.019394	-0.008309	-0.013578	-0.002131
	-0.005192	0.017063	0.006151	-0.016897	0.030118	-0.006056
	0.001637	0.020484	-0.004274	0.045690	0.002789	0.001922
	-0.023596	-0.003654	-0.005084	-0.008541	-0.003736	-0.014279
	-0.010252	-0.017515	0.016782	0.008140	-0.006255	0.017262
	0.000159					
x90	0.021353	0.026621	-0.000493	-0.012786	0.012218	0.019422
	0.010774	-0.022737	-0.011870	0.011584	-0.025529	0.012698
	-0.010611	0.004838	-0.008313	-0.000810	0.001137	-0.031601
	-0.025698	-0.026345	0.012246	0.002521	0.012500	-0.014416
	-0.003054	0.012831	-0.009012	-0.022577	-0.002123	0.002254
	-0.011143					
y90	-0.029275	-0.007267	-0.007318	0.006337	0.002539	0.029699
	0.027078	-0.005328	-0.010608	0.000275	0.036182	-0.012062
	0.000364	0.003470	-0.007645	0.000236	-0.010064	-0.002945
	0.008278	-0.002683	0.005682	0.001027	0.000356	-0.023263
	0.008895	0.001106	0.003503	-0.026805	0.008606	0.003771
	0.020556					

z90	0.013444	-0.003834	-0.020063	-0.008835	-0.013505	-0.002737
	-0.004858	0.015780	0.006499	-0.016691	0.029386	-0.002566
	0.002732	0.020208	-0.004026	0.043969	0.000720	0.002017
	-0.021196	-0.005229	-0.006023	-0.013883	-0.005023	-0.011422
	-0.011633	-0.015439	0.013726	0.009584	-0.009841	0.015982
	-0.000538					
x91	0.021277	0.028466	0.002140	-0.013251	0.012023	0.020011
	0.008844	-0.022929	-0.007920	0.016243	-0.024130	0.017086
	-0.010406	0.003275	-0.013620	0.000244	0.000338	-0.033475
	-0.023177	-0.026359	0.010164	0.003150	0.010503	-0.013154
	-0.003906	0.011064	-0.012945	-0.018557	0.000840	0.005121
	-0.009605					
y91	-0.028745	-0.006826	-0.006965	0.005909	0.002776	0.029535
	0.024902	-0.004654	-0.010123	0.002047	0.038589	-0.010551
	-0.001876	0.002898	-0.009098	0.000398	-0.008687	-0.005741
	0.008211	-0.001973	0.005352	0.003234	0.000555	-0.026774
	0.005299	-0.001739	0.003183	-0.026074	0.010292	0.007325
	0.021356					
z91	0.014889	-0.004590	-0.020491	-0.008942	-0.013362	-0.003805
	-0.004956	0.014444	0.007011	-0.015111	0.027381	0.000663
	0.002462	0.018692	-0.003686	0.042113	0.000514	0.002217
	-0.018445	-0.007083	-0.005218	-0.017276	-0.006498	-0.009020
	-0.011684	-0.012177	0.012924	0.007209	-0.011921	0.012794
	-0.002281					
x92	0.021404	0.029001	0.004634	-0.013687	0.012166	0.020309
	0.007213	-0.024646	-0.005297	0.022492	-0.024556	0.021481
	-0.008385	0.001776	-0.016220	0.001732	-0.001202	-0.030161
	-0.018434	-0.026988	0.007846	0.001070	0.007128	-0.009330
	0.001095	0.010693	-0.016984	-0.020756	-0.000835	0.005946
	-0.003537					
y92	-0.027679	-0.006378	-0.006852	0.005453	0.003230	0.029231
	0.022638	-0.004422	-0.010775	0.004230	0.040323	-0.008461
	-0.003656	0.002455	-0.010122	-0.000268	-0.006628	-0.008509
	0.008675	-0.001227	0.004243	0.004513	0.002537	-0.029487
	0.002316	-0.004517	0.002842	-0.024907	0.005731	0.007833
	0.025571					
z92	0.016322	-0.004521	-0.020946	-0.009013	-0.013493	-0.004779
	-0.005007	0.013524	0.007922	-0.013133	0.026128	0.004644
	0.002841	0.017955	-0.003733	0.040642	-0.001637	0.000999
	-0.017319	-0.008695	-0.004777	-0.019989	-0.009040	-0.008677
	-0.011927	-0.008385	0.014024	0.008642	-0.010453	0.009562
	-0.007432					

x93	0.021089	0.030484	0.006475	-0.014730	0.012919	0.020553
	0.006249	-0.024886	-0.003750	0.027061	-0.025336	0.025066
	-0.007843	-0.001917	-0.018203	0.001130	-0.001151	-0.029604
	-0.014941	-0.027033	0.006326	-0.000849	0.004072	-0.005903
	0.002598	0.013034	-0.013431	-0.022070	-0.003301	-0.000760
	0.000523					
y93	-0.026290	-0.005470	-0.006925	0.004801	0.004314	0.028446
	0.020956	-0.003644	-0.010680	0.006951	0.042627	-0.005691
	-0.003510	0.001957	-0.008594	0.002664	-0.007164	-0.008583
	0.006845	0.000575	0.002335	0.002647	-0.000001	-0.030990
	0.006720	-0.006851	0.007430	-0.022548	0.006831	0.006494
	0.024292					
z93	0.017925	-0.004573	-0.021349	-0.008730	-0.014251	-0.005426
	-0.005481	0.012004	0.008935	-0.010885	0.024384	0.008569
	0.003182	0.018058	-0.005618	0.038665	-0.004106	-0.001114
	-0.014944	-0.012008	-0.004107	-0.021068	-0.010253	-0.009278
	-0.013986	-0.005394	0.010447	0.009564	-0.010249	0.009903
	-0.010310					
x94	0.020603	0.031267	0.007208	-0.016651	0.013548	0.019843
	0.005441	-0.026278	-0.003268	0.030525	-0.026806	0.028930
	-0.008328	-0.005133	-0.021012	0.000997	-0.004207	-0.030539
	-0.013308	-0.024977	0.002706	-0.000380	0.004416	-0.004699
	-0.002802	0.015076	-0.011353	-0.021853	-0.004602	-0.007805
	0.000233					
y94	-0.025144	-0.004134	-0.007328	0.004301	0.005112	0.028790
	0.020503	-0.003508	-0.008374	0.011346	0.044995	-0.002228
	-0.002979	0.001847	-0.008203	0.006828	-0.008793	-0.007276
	0.007125	0.000053	-0.001784	-0.000232	-0.003945	-0.029532
	0.011782	-0.007149	0.014397	-0.021029	0.008099	0.003933
	0.019215					
z94	0.019903	-0.004285	-0.021168	-0.008362	-0.015039	-0.006391
	-0.006908	0.011563	0.009281	-0.008654	0.023086	0.011457
	0.003574	0.017673	-0.006251	0.036726	-0.004419	-0.002194
	-0.012394	-0.015070	-0.001274	-0.021179	-0.012660	-0.010154
	-0.013651	-0.003703	0.005716	0.009745	-0.008242	0.011126
	-0.010578					
x95	0.020470	0.032405	0.008155	-0.017417	0.013020	0.019432
	0.004982	-0.027527	-0.001864	0.033520	-0.025844	0.031080
	-0.004956	-0.005590	-0.024209	0.000586	-0.007797	-0.028058
	-0.010158	-0.028564	0.002069	0.001648	-0.003497	-0.003147
	0.000965	0.016327	-0.017616	-0.018481	-0.004974	-0.003707
	-0.000449					

y95	-0.024022	-0.002902	-0.007689	0.004109	0.004976	0.029321
	0.019387	-0.004205	-0.006448	0.014719	0.046143	-0.000233
	-0.002887	0.002019	-0.010160	0.008459	-0.009852	-0.008391
	0.007987	-0.000836	-0.005379	-0.001924	-0.005438	-0.028935
	0.014320	-0.006888	0.018199	-0.017697	0.005972	0.001475
	0.016613					
z95	0.021769	-0.003835	-0.021144	-0.008540	-0.015470	-0.007508
	-0.007978	0.010794	0.009828	-0.006531	0.021108	0.015021
	0.003160	0.016017	-0.006107	0.035284	-0.005327	-0.002868
	-0.010810	-0.016425	0.001110	-0.022816	-0.012924	-0.010547
	-0.014073	-0.002159	0.005587	0.007774	-0.004921	0.008571
	-0.012594					
x96	0.019841	0.033790	0.009780	-0.017625	0.012602	0.018499
	0.004739	-0.027136	0.000168	0.035018	-0.026462	0.032718
	-0.002390	-0.007024	-0.024954	-0.001065	-0.007080	-0.025734
	-0.006577	-0.027895	0.004658	0.004250	-0.008394	-0.000501
	0.003126	0.016859	-0.016753	-0.014262	-0.004478	-0.003897
	-0.003336					
y96	-0.023130	-0.001619	-0.007964	0.003660	0.005033	0.029521
	0.018038	-0.004419	-0.004234	0.016221	0.046638	0.000278
	-0.003749	0.001770	-0.012490	0.009297	-0.009390	-0.010404
	0.010046	-0.000860	-0.006423	-0.002661	-0.007294	-0.028118
	0.015537	-0.008581	0.021293	-0.014714	0.005829	0.001094
	0.011197					
z96	0.023909	-0.003293	-0.021154	-0.008528	-0.016061	-0.008615
	-0.009019	0.009730	0.010182	-0.003969	0.019406	0.019768
	0.003352	0.014649	-0.006770	0.033833	-0.007233	-0.003305
	-0.009973	-0.019011	0.002286	-0.024611	-0.013726	-0.011345
	-0.013362	0.000506	0.004418	0.006769	-0.003455	0.006571
	-0.012818					
x97	0.018897	0.034873	0.011459	-0.018728	0.012751	0.017744
	0.006054	-0.027103	0.000247	0.034745	-0.024373	0.034620
	-0.003297	-0.008244	-0.024631	-0.000009	-0.010126	-0.026419
	-0.004136	-0.028685	0.001953	0.003578	-0.009999	0.000882
	-0.003001	0.017396	-0.014640	-0.012354	-0.003624	-0.001793
	-0.003186					
y97	-0.022120	-0.000827	-0.007869	0.002631	0.005485	0.029383
	0.017025	-0.004877	-0.003279	0.017740	0.047018	0.002478
	-0.006843	0.000137	-0.015053	0.010439	-0.009819	-0.013674
	0.010348	-0.001318	-0.008134	-0.002683	-0.006485	-0.026559
	0.012124	-0.009555	0.023663	-0.013615	0.005982	-0.001352
	0.008298					

z97	0.026102	-0.002390	-0.021099	-0.008384	-0.016606	-0.009490
	-0.009954	0.008929	0.010549	-0.001292	0.017988	0.024738
	0.004088	0.013784	-0.007366	0.031678	-0.008606	-0.003156
	-0.008317	-0.022457	0.003214	-0.025821	-0.015766	-0.012196
	-0.011594	0.002644	0.003211	0.006042	-0.003726	0.005222
	-0.012888					
x98	0.018225	0.035628	0.012905	-0.019222	0.012587	0.017297
	0.006278	-0.027946	0.000938	0.035282	-0.022048	0.034154
	-0.004318	-0.008320	-0.024182	-0.000376	-0.010860	-0.025556
	0.001687	-0.027172	-0.001291	0.001720	-0.011727	0.001218
	-0.005044	0.015936	-0.015863	-0.008095	-0.009633	0.003083
	-0.003374					
y98	-0.020942	-0.000138	-0.007854	0.002002	0.005835	0.029047
	0.015407	-0.005675	-0.001949	0.019311	0.046803	0.003924
	-0.009662	-0.001016	-0.018033	0.010835	-0.010149	-0.016297
	0.011991	-0.000016	-0.009154	-0.002720	-0.006172	-0.025058
	0.009941	-0.010982	0.022863	-0.010947	0.004790	-0.001286
	0.004408					
z98	0.028327	-0.001781	-0.020908	-0.008335	-0.017411	-0.010353
	-0.010986	0.007959	0.011085	0.001462	0.016943	0.029143
	0.004579	0.012870	-0.007999	0.029507	-0.010005	-0.002524
	-0.007562	-0.026174	0.003541	-0.027596	-0.017257	-0.013740
	-0.010446	0.003741	0.002047	0.005476	-0.003546	0.003783
	-0.012699					
x99	0.017598	0.035806	0.014542	-0.019084	0.011719	0.017242
	0.006520	-0.026867	0.002661	0.036307	-0.019275	0.031108
	-0.001637	-0.009446	-0.024228	-0.000333	-0.007593	-0.023278
	0.003687	-0.025637	0.000287	0.003215	-0.014735	0.002485
	-0.001677	0.010563	-0.018107	-0.001023	-0.007875	0.009251
	-0.010585					
y99	-0.019591	0.000908	-0.008355	0.001842	0.006030	0.028601
	0.013901	-0.005094	-0.000396	0.020108	0.047013	0.003101
	-0.009161	-0.000892	-0.019196	0.012246	-0.010372	-0.016728
	0.013541	0.000607	-0.007636	-0.001853	-0.009864	-0.024595
	0.012558	-0.014336	0.021234	-0.005062	0.007809	0.003481
	-0.004782					
z99	0.030615	-0.001025	-0.020443	-0.008145	-0.018485	-0.010804
	-0.012147	0.007326	0.012164	0.004857	0.016379	0.033351
	0.005072	0.011312	-0.009123	0.027382	-0.009814	-0.001782
	-0.006821	-0.029820	0.004480	-0.028971	-0.018194	-0.014362
	-0.008416	0.004424	0.001132	0.004588	-0.002437	0.002448
	-0.011696					

x100	0.016633	0.035826	0.015863	-0.019740	0.011626	0.016844
	0.008622	-0.027104	0.001800	0.036677	-0.018182	0.030118
	0.000328	-0.010927	-0.024732	-0.002464	-0.005920	-0.020725
	0.003843	-0.022245	0.000512	0.003208	-0.016524	0.005903
	-0.001845	0.007719	-0.017255	0.001592	-0.009310	0.010152
	-0.006745					
y100	-0.018165	0.001180	-0.009272	0.000858	0.006391	0.027127
	0.013023	-0.005690	-0.001010	0.020724	0.045120	0.004804
	-0.009236	-0.001618	-0.021208	0.011128	-0.013087	-0.018246
	0.012889	0.001861	-0.005997	-0.001561	-0.011042	-0.023282
	0.012595	-0.014756	0.022251	0.000028	0.007390	0.000946
	-0.006931					
z100	0.032706	-0.000118	-0.019462	-0.008195	-0.019555	-0.011004
	-0.013034	0.006095	0.013085	0.008309	0.015797	0.038058
	0.004975	0.009482	-0.010920	0.024364	-0.010008	-0.000709
	-0.006422	-0.033017	0.004033	-0.030323	-0.018684	-0.014539
	-0.008919	0.005070	0.000182	0.002695	-0.002561	0.001391
	-0.009817					
x101	0.015260	0.036128	0.017527	-0.019294	0.010937	0.016726
	0.011163	-0.027772	0.000782	0.037089	-0.014689	0.028437
	-0.001167	-0.011323	-0.024267	-0.003042	-0.004267	-0.016900
	0.004797	-0.021041	-0.001674	0.004764	-0.016971	0.008355
	-0.005450	0.008328	-0.015019	0.006250	-0.013213	0.004863
	-0.007226					
y101	-0.016844	0.001715	-0.009757	0.000237	0.006014	0.025111
	0.011689	-0.005921	-0.001599	0.021784	0.044465	0.007339
	-0.009999	-0.001844	-0.022606	0.010639	-0.015373	-0.018588
	0.012688	0.001223	-0.004291	0.000350	-0.012557	-0.021503
	0.011701	-0.013303	0.022120	0.009067	0.005712	-0.004706
	-0.011780					
z101	0.034693	0.001119	-0.018315	-0.008127	-0.020590	-0.010836
	-0.013647	0.004640	0.013924	0.011637	0.015790	0.042418
	0.003031	0.008029	-0.012829	0.021895	-0.010695	0.000086
	-0.006307	-0.036561	0.001765	-0.031939	-0.017573	-0.015544
	-0.011366	0.005589	0.000733	0.000364	-0.003630	-0.002104
	-0.007711					
x102	0.014536	0.036272	0.019756	-0.018258	0.010770	0.016626
	0.012834	-0.028730	0.001876	0.036530	-0.010862	0.026455
	-0.001132	-0.013937	-0.021607	-0.000817	-0.000146	-0.012951
	0.002871	-0.018063	-0.001815	0.006877	-0.016662	0.010513
	-0.004876	0.007447	-0.015326	0.007267	-0.012055	0.004142
	-0.002518					

y102	-0.015625	0.002038	-0.009677	0.000530	0.006657	0.022350
	0.009797	-0.005895	0.000351	0.022009	0.042479	0.009459
	-0.009649	-0.003506	-0.023915	0.009394	-0.015692	-0.018175
	0.010617	0.003207	0.002375	0.003168	-0.013707	-0.017016
	0.013351	-0.013324	0.018666	0.013270	0.010073	-0.009014
	-0.014142					
z102	0.036840	0.002343	-0.016540	-0.007747	-0.021391	-0.009904
	-0.014970	0.003460	0.015189	0.014747	0.017237	0.046782
	0.000427	0.006317	-0.013674	0.022327	-0.011904	0.000212
	-0.007645	-0.039391	-0.003872	-0.034943	-0.015831	-0.017584
	-0.012849	0.006259	0.002396	-0.001196	-0.006265	-0.002249
	-0.004570					
x103	0.013725	0.036757	0.021842	-0.016705	0.009945	0.017886
	0.016372	-0.029471	0.001246	0.034614	-0.004984	0.020700
	-0.001717	-0.015587	-0.018538	0.000380	0.005308	-0.006577
	-0.001175	-0.010874	-0.004255	0.005918	-0.021175	0.013164
	0.003354	0.004500	-0.009571	0.009058	-0.011470	-0.001401
	-0.003425					
y103	-0.014094	0.003494	-0.010644	0.002028	0.006438	0.021309
	0.008389	-0.004557	0.002150	0.023298	0.042317	0.010700
	-0.008078	-0.003012	-0.023015	0.009843	-0.017665	-0.014831
	0.007919	0.003826	0.006829	0.002607	-0.016967	-0.015679
	0.019403	-0.016515	0.018884	0.016111	0.014145	-0.015845
	-0.020950					
z103	0.038662	0.003596	-0.013428	-0.008204	-0.022485	-0.008272
	-0.015473	0.001571	0.013659	0.016655	0.017902	0.047520
	-0.000699	0.004350	-0.014515	0.019086	-0.011741	0.001363
	-0.007075	-0.039938	-0.007034	-0.036305	-0.017573	-0.014877
	-0.011596	0.008645	0.000853	0.001296	-0.008850	-0.000359
	0.000538					
x104	0.011218	0.036237	0.022939	-0.015101	0.010657	0.019116
	0.019605	-0.028043	-0.000019	0.032286	-0.002267	0.016178
	-0.000146	-0.014626	-0.014254	0.002563	0.004748	-0.004741
	-0.002008	-0.005746	-0.005961	0.005747	-0.019853	0.012013
	0.003330	0.004572	-0.008449	0.010541	-0.006866	-0.001509
	-0.005968					
y104	-0.013388	0.003446	-0.011851	0.002820	0.006727	0.019775
	0.007019	-0.003525	0.002673	0.022723	0.040153	0.013280
	-0.006313	-0.002411	-0.022790	0.011969	-0.022960	-0.015847
	0.005060	0.003063	0.009661	0.001339	-0.014625	-0.016346
	0.018592	-0.016665	0.014998	0.020318	0.018049	-0.019788
	-0.027634					

z104	0.039267	0.004470	-0.010823	-0.008133	-0.022583	-0.006703
	-0.014880	0.001147	0.012068	0.018064	0.016575	0.047495
	-0.000573	0.004062	-0.015857	0.014200	-0.013520	0.000702
	-0.003875	-0.038672	-0.007549	-0.036153	-0.014889	-0.013208
	-0.015138	0.012108	-0.002365	0.000814	-0.008949	0.000900
	0.003370					
x105	0.009194	0.035439	0.024646	-0.012953	0.011509	0.020246
	0.022682	-0.026939	-0.000924	0.029446	0.001136	0.010469
	-0.001119	-0.012053	-0.010559	0.003809	0.007733	-0.003540
	-0.003089	-0.001188	-0.008191	0.005669	-0.020869	0.011797
	0.002730	0.002355	-0.005710	0.011136	-0.008275	-0.001856
	-0.009018					
y105	-0.012591	0.002801	-0.011542	0.004443	0.006951	0.018155
	0.005367	-0.002198	0.003364	0.021455	0.038346	0.013659
	-0.007734	0.001037	-0.023209	0.012354	-0.023282	-0.017392
	0.002705	0.001773	0.011607	0.000125	-0.014530	-0.016710
	0.016090	-0.019070	0.011691	0.021893	0.013907	-0.023233
	-0.032037					
z105	0.040489	0.005150	-0.007602	-0.007880	-0.022681	-0.005836
	-0.013085	0.000311	0.010781	0.017746	0.017711	0.045204
	-0.002100	0.005644	-0.017390	0.010248	-0.012608	-0.001010
	-0.003181	-0.034501	-0.009085	-0.036406	-0.016473	-0.013179
	-0.016845	0.012560	-0.000279	0.000255	-0.012042	0.001943
	-0.000036					
x106	0.007168	0.034904	0.026236	-0.011441	0.012184	0.021472
	0.025466	-0.026063	-0.001916	0.026523	0.004632	0.006016
	-0.001155	-0.010839	-0.007292	0.005313	0.009642	-0.002196
	-0.003942	0.003314	-0.010587	0.005357	-0.021291	0.009599
	0.002868	-0.000062	-0.007048	0.009594	-0.005816	-0.001124
	-0.009960					
y106	-0.011236	0.002490	-0.010429	0.006089	0.006864	0.016839
	0.003731	-0.001763	0.003236	0.020789	0.036787	0.015226
	-0.007216	0.002998	-0.024986	0.010549	-0.021587	-0.015537
	0.004849	0.000929	0.012261	-0.003355	-0.014344	-0.017357
	0.020443	-0.020236	-0.000939	0.018126	0.003776	-0.029328
	-0.026629					
z106	0.041476	0.006259	-0.004584	-0.007551	-0.022405	-0.004138
	-0.011421	-0.000613	0.009429	0.018737	0.019670	0.043355
	-0.002147	0.006402	-0.018450	0.007691	-0.013133	-0.002276
	-0.001155	-0.031524	-0.011287	-0.035895	-0.019598	-0.013090
	-0.016403	0.013010	-0.001687	-0.001789	-0.010517	0.003887
	-0.002813					

x107	0.005049	0.034219	0.027392	-0.009797	0.012777	0.022545
	0.027337	-0.024975	-0.003187	0.024689	0.007286	0.001107
	-0.001400	-0.008608	-0.005134	0.006451	0.012006	-0.001342
	-0.003742	0.007161	-0.013167	0.005499	-0.020218	0.009726
	0.003090	-0.001854	-0.006152	0.006833	-0.003692	0.000045
	-0.008917					
y107	-0.011123	0.001971	-0.010017	0.007754	0.006343	0.016102
	0.000832	0.000926	0.002968	0.021640	0.034968	0.014517
	-0.006377	0.005387	-0.025795	0.010548	-0.023894	-0.017658
	0.005275	-0.001471	0.014995	-0.005079	-0.011621	-0.016123
	0.018932	-0.019653	-0.006069	0.014816	0.008080	-0.029368
	-0.026615					
z107	0.041950	0.007449	-0.001740	-0.007045	-0.021823	-0.001960
	-0.010334	-0.000500	0.007388	0.022080	0.020805	0.040380
	-0.001351	0.008421	-0.018519	0.005727	-0.014358	-0.004088
	0.002656	-0.028448	-0.011663	-0.033812	-0.021217	-0.011253
	-0.014793	0.013269	-0.000363	-0.005632	-0.006662	0.006757
	-0.004294					
x108	0.003407	0.033348	0.027540	-0.008255	0.012694	0.023259
	0.029570	-0.024920	-0.004717	0.022714	0.009462	-0.003590
	0.000216	-0.007343	-0.002064	0.007826	0.013045	-0.001113
	-0.004819	0.008824	-0.016387	0.003644	-0.020057	0.008519
	0.006727	-0.001951	-0.000110	0.004672	-0.003106	-0.003588
	-0.012085					
y108	-0.011948	0.002673	-0.011760	0.009765	0.006228	0.015337
	-0.002232	0.002502	0.001634	0.022042	0.029655	0.013875
	-0.002363	0.005739	-0.018899	0.009322	-0.033761	-0.011898
	0.001060	-0.004905	0.014366	-0.008725	-0.009434	-0.015385
	0.012715	-0.014388	-0.005075	0.017443	0.011535	-0.027626
	-0.031332					
z108	0.041949	0.009160	0.000186	-0.006593	-0.020394	-0.000253
	-0.009032	-0.001164	0.005798	0.024750	0.021749	0.037373
	0.000183	0.010083	-0.014360	0.003298	-0.017101	-0.001563
	0.002565	-0.023275	-0.013215	-0.032933	-0.020737	-0.008955
	-0.015075	0.013245	0.002260	-0.004365	-0.007308	0.007312
	-0.006557					
x109	0.001207	0.032632	0.027880	-0.006988	0.012747	0.023732
	0.030869	-0.024692	-0.005592	0.019887	0.009347	-0.006927
	0.001145	-0.006679	0.000654	0.008738	0.014011	0.001277
	-0.005503	0.010488	-0.019455	0.002385	-0.017508	0.007699
	0.006803	-0.002838	0.001897	0.000536	-0.003010	-0.004364
	-0.012376					

y109	-0.011970	0.002176	-0.012575	0.010752	0.004377	0.015196
	-0.003632	0.004921	-0.000600	0.020200	0.023157	0.012406
	0.002141	0.008553	-0.016787	0.007148	-0.040887	-0.012144
	0.000273	-0.008693	0.016108	-0.013895	-0.002463	-0.016403
	0.006968	-0.013040	-0.007076	0.018186	0.008592	-0.031903
	-0.032918					
z109	0.041967	0.010100	0.002548	-0.006506	-0.019127	0.002024
	-0.006584	-0.001907	0.003335	0.027152	0.021772	0.034116
	0.001527	0.014073	-0.012755	0.001606	-0.020602	-0.002645
	0.004296	-0.018853	-0.014981	-0.031419	-0.017972	-0.007367
	-0.014779	0.010575	0.003940	-0.002949	-0.009784	0.002500
	-0.008344					
x110	-0.001351	0.031921	0.027509	-0.005677	0.012629	0.023579
	0.031122	-0.023859	-0.006563	0.016981	0.007185	-0.008802
	0.004629	-0.006868	0.004313	0.010278	0.012633	0.003772
	-0.006079	0.010458	-0.021687	0.000049	-0.013343	0.006188
	0.007134	-0.001561	0.004496	-0.002448	-0.002159	-0.005772
	-0.012386					
y110	-0.012485	0.001582	-0.010665	0.010753	0.003816	0.013961
	-0.006097	0.006925	0.001738	0.015490	0.022476	0.010733
	-0.002987	0.007978	-0.019989	0.005575	-0.037120	-0.010855
	0.001649	-0.008585	0.017593	-0.015412	0.000908	-0.015303
	-0.001057	-0.017778	-0.018236	0.014876	0.007765	-0.019298
	-0.030960					
z110	0.041277	0.010863	0.004205	-0.006975	-0.017131	0.004216
	-0.004167	-0.003246	0.001018	0.028206	0.022025	0.030234
	0.001978	0.017476	-0.011246	0.001972	-0.022353	-0.001679
	0.006782	-0.015101	-0.016581	-0.027775	-0.016811	-0.005402
	-0.011705	0.007281	0.004068	-0.003578	-0.011137	0.000028
	-0.007017					
x111	-0.004259	0.030754	0.027802	-0.003860	0.012710	0.022158
	0.030218	-0.022667	-0.006153	0.014944	0.005091	-0.008155
	0.008398	-0.006915	0.005565	0.009444	0.012529	0.003829
	-0.003489	0.009877	-0.021957	-0.003830	-0.010803	0.005555
	0.007635	0.000124	0.004773	-0.003704	-0.001719	-0.001822
	-0.012242					
y111	-0.013015	0.002221	-0.009709	0.010836	0.003481	0.012881
	-0.007657	0.008065	0.002972	0.010110	0.017146	0.010596
	-0.005243	0.004658	-0.019308	0.006734	-0.039438	-0.005310
	-0.004094	-0.010104	0.018739	-0.016365	0.002770	-0.017296
	-0.006747	-0.017607	-0.023573	0.012578	0.006125	-0.010941
	-0.027001					

z111	0.039911	0.010619	0.006089	-0.007429	-0.014551	0.007488
	-0.000009	-0.002750	-0.001972	0.026333	0.024556	0.024796
	0.002017	0.019607	-0.009412	0.006254	-0.018351	-0.008927
	0.013625	-0.011581	-0.015210	-0.019113	-0.009397	-0.006612
	-0.013049	-0.002658	0.001777	-0.010292	-0.009578	-0.007517
	-0.006669					
x112	-0.009746	0.029743	0.024949	0.000159	0.013922	0.021201
	0.030084	-0.021591	-0.005130	0.008709	0.000148	-0.006409
	0.012053	-0.006664	0.006690	0.005238	0.013072	0.003911
	0.006283	0.010868	-0.020716	-0.004087	-0.000860	0.003962
	0.008531	-0.000669	-0.003006	-0.008727	0.005976	0.003546
	-0.011756					
y112	-0.013259	0.000895	-0.008437	0.011371	0.003817	0.012024
	-0.006403	0.010482	0.003830	0.013266	0.006447	0.014760
	-0.002289	0.006569	-0.018783	0.004116	-0.033250	0.000512
	-0.002874	-0.004720	0.014795	-0.022550	0.000156	-0.012516
	-0.000662	-0.009464	-0.022023	0.008657	0.001589	-0.007095
	-0.022712					
z112	0.034098	0.011159	0.011455	-0.008757	-0.009439	0.007983
	0.005980	-0.000555	-0.003377	0.018070	0.025747	0.016076
	0.002009	0.019515	-0.000818	0.018107	-0.017962	-0.011831
	0.012607	-0.003877	-0.012069	-0.006795	-0.005801	-0.007649
	-0.013983	-0.009080	0.001481	-0.018010	-0.007949	-0.008239
	-0.000169					
x113	-0.013421	0.028708	0.022211	0.001315	0.013340	0.019474
	0.030922	-0.022156	-0.004308	0.003704	-0.002450	-0.007138
	0.012949	-0.007843	0.008282	0.002293	0.012271	0.002709
	0.012495	0.011471	-0.020787	-0.006708	0.007126	0.003051
	0.013261	0.001523	-0.002666	-0.016594	0.018006	0.010279
	-0.011995					
y113	-0.015033	-0.000910	-0.006991	0.013155	0.003286	0.014093
	-0.003128	0.012976	0.002585	0.012608	-0.000970	0.015365
	0.006302	0.010921	-0.019728	-0.003890	-0.019947	-0.002004
	0.004841	-0.001114	0.014773	-0.021264	0.004312	-0.009008
	0.000960	-0.006421	-0.026185	0.007613	-0.009435	-0.006539
	-0.024135					
z113	0.027932	0.012151	0.014315	-0.008040	-0.004275	0.007718
	0.009252	0.004205	-0.003336	0.012061	0.025184	0.010326
	0.002391	0.020645	0.005341	0.026588	-0.017925	-0.011973
	0.011756	0.004480	-0.011504	0.003464	-0.004239	-0.007480
	-0.010681	-0.009558	-0.002953	-0.021648	-0.004367	-0.003593
	0.003405					

x114	-0.014883	0.027123	0.020365	0.002669	0.013831	0.018169
	0.032373	-0.022719	-0.005466	0.000448	0.000361	-0.006659
	0.011019	-0.007931	0.008417	-0.000718	0.022331	0.003832
	0.019944	0.015401	-0.027858	-0.006941	0.012600	0.006495
	0.028730	0.001373	-0.004094	-0.024158	0.018955	0.014964
	-0.009767					
y114	-0.016646	-0.002999	-0.006036	0.012423	0.000077	0.014316
	-0.002002	0.010048	0.003446	0.011722	-0.013111	0.015849
	0.008189	0.011966	-0.024921	-0.012853	-0.020840	-0.008360
	0.001798	-0.000573	0.017958	-0.026442	0.015315	-0.007452
	-0.012351	0.001574	-0.020783	0.004559	-0.018026	-0.014171
	-0.024815					
z114	0.022836	0.012880	0.015400	-0.007237	-0.000604	0.006864
	0.010888	0.008902	-0.003075	0.008922	0.023513	0.005152
	0.001192	0.022359	0.010015	0.029843	-0.020101	-0.011453
	0.011701	0.009326	-0.011604	0.009467	-0.001305	-0.008376
	-0.008603	-0.008553	-0.007212	-0.026744	-0.001449	0.000774
	0.005861					
x115	-0.014669	0.024923	0.017960	0.002814	0.013311	0.016846
	0.033931	-0.025063	-0.006522	-0.001976	0.002246	-0.007318
	0.005312	-0.002844	0.007955	-0.005176	0.030355	0.002317
	0.020063	0.018814	-0.031997	-0.010313	0.017240	0.005803
	0.038469	0.006977	-0.001082	-0.029417	0.011971	0.014609
	-0.014912					
y115	-0.017962	-0.002572	-0.004661	0.012361	-0.002762	0.015834
	-0.000021	0.008098	0.005052	0.011074	-0.015884	0.012602
	0.015998	0.011230	-0.025326	-0.012293	-0.013072	-0.005340
	0.005239	0.000392	0.020407	-0.025929	0.013077	0.000082
	-0.006261	0.002672	-0.019115	0.003806	-0.015577	-0.001816
	-0.022501					
z115	0.018259	0.013355	0.015152	-0.006410	0.002199	0.006411
	0.011669	0.012400	-0.002673	0.007959	0.021823	0.000401
	-0.000723	0.023789	0.011756	0.030749	-0.020005	-0.010220
	0.012501	0.012352	-0.013365	0.012213	0.001058	-0.009791
	-0.004386	-0.007884	-0.011972	-0.030541	-0.002178	0.005778
	0.004965					
x116	-0.014109	0.022981	0.015275	0.002739	0.012513	0.016469
	0.034185	-0.027878	-0.006581	-0.003916	0.003326	-0.007647
	0.001578	0.001424	0.005134	-0.004995	0.032303	-0.001768
	0.015219	0.019201	-0.032257	-0.014296	0.023302	0.004691
	0.040262	0.013290	0.000134	-0.030496	0.005721	0.016116
	-0.021137					

y116	-0.017935	-0.002006	-0.002587	0.011800	-0.004193	0.015854
	0.002348	0.006618	0.006473	0.009934	-0.014891	0.008924
	0.020986	0.010955	-0.021788	-0.011483	-0.001068	0.000473
	0.008398	0.004038	0.019194	-0.022867	0.005186	0.007657
	0.008177	0.003359	-0.015392	0.005060	-0.013794	0.009189
	-0.017295					
z116	0.014507	0.013020	0.014418	-0.006281	0.003438	0.005733
	0.011391	0.012635	-0.003320	0.007924	0.018008	-0.001555
	-0.005131	0.022891	0.007993	0.027945	-0.021781	-0.011811
	0.010881	0.013185	-0.016953	0.010390	0.009025	-0.011773
	-0.005460	-0.005129	-0.013722	-0.033848	-0.010151	0.001343
	0.002166					
x117	-0.013023	0.021511	0.013422	0.002293	0.012990	0.017165
	0.033551	-0.027486	-0.005433	-0.004427	0.004364	-0.010410
	0.001462	0.005538	0.005705	-0.003885	0.036862	-0.003605
	0.014209	0.020276	-0.030883	-0.015387	0.022651	0.009110
	0.046616	0.018296	-0.002238	-0.025655	-0.002330	0.025385
	-0.023127					
y117	-0.017849	-0.003220	0.000071	0.009954	-0.004956	0.012719
	0.004067	0.000226	0.006756	0.006257	-0.014706	0.010819
	0.018072	0.005518	-0.024883	-0.009676	-0.000980	-0.001919
	0.000756	0.008340	0.014670	-0.021370	0.012649	0.010112
	0.009187	0.005782	-0.006054	0.001073	-0.012609	0.002159
	-0.010354					
z117	0.011456	0.013828	0.012856	-0.005438	0.004457	0.006541
	0.011294	0.015387	-0.003328	0.009106	0.016622	-0.007571
	-0.005599	0.025590	0.006904	0.025004	-0.016370	-0.007355
	0.014895	0.013170	-0.019096	0.008759	0.005430	-0.012158
	0.002826	-0.003717	-0.020065	-0.032100	-0.018675	0.009672
	-0.004648					
x118	-0.011300	0.019722	0.011971	0.000449	0.013121	0.017745
	0.031394	-0.026969	-0.003375	-0.004998	0.004296	-0.011304
	0.001074	0.008352	0.007466	-0.001175	0.038770	-0.006501
	0.009496	0.018337	-0.027468	-0.018562	0.021725	0.014037
	0.047653	0.018916	-0.004304	-0.022319	-0.009065	0.028244
	-0.023106					
y118	-0.018215	-0.002851	0.002663	0.009527	-0.003882	0.010408
	0.006834	-0.004589	0.008790	0.002357	-0.009042	0.007365
	0.019977	0.003153	-0.022376	-0.001791	0.001180	-0.000491
	-0.002097	0.012997	0.013454	-0.016475	0.011367	0.013473
	0.020500	0.008043	-0.000878	-0.001652	-0.002080	0.014048
	-0.008200					

z118	0.008590	0.013594	0.010942	-0.005889	0.004363	0.006682
	0.010661	0.016450	-0.004205	0.010060	0.013042	-0.010041
	-0.006423	0.026685	0.002925	0.019283	-0.012330	-0.005429
	0.016340	0.010107	-0.022669	0.004310	0.002844	-0.013460
	0.005915	-0.002797	-0.025305	-0.028827	-0.032189	0.010127
	-0.011254					
x119	-0.008409	0.018603	0.010211	-0.002115	0.011315	0.018153
	0.029320	-0.025948	0.000258	-0.006320	0.006057	-0.012660
	0.001674	0.010745	0.012750	0.006296	0.036071	-0.009547
	-0.000238	0.014190	-0.020694	-0.022033	0.020849	0.018702
	0.044013	0.016081	-0.003118	-0.025190	-0.006465	0.030996
	-0.019597					
y119	-0.020107	-0.002611	0.004822	0.009469	-0.001916	0.009820
	0.009663	-0.010300	0.010045	-0.000562	-0.005491	0.002933
	0.023637	0.003644	-0.018988	0.009017	0.003830	-0.001136
	-0.002617	0.015144	0.011963	-0.013359	0.010425	0.017856
	0.030784	0.014624	0.001852	-0.005518	0.000574	0.026793
	-0.003269					
z119	0.005672	0.013267	0.008683	-0.007917	0.001511	0.006075
	0.012325	0.017173	-0.002328	0.010349	0.014234	-0.010684
	-0.003114	0.024964	0.000970	0.015872	-0.012242	-0.007126
	0.010628	0.005644	-0.024054	0.001496	-0.004589	-0.017439
	0.003368	-0.005329	-0.027082	-0.023533	-0.024100	0.016969
	-0.025392					
x120	-0.004559	0.018871	0.008180	-0.003304	0.010653	0.018051
	0.026214	-0.024405	-0.000446	-0.008977	0.006760	-0.015670
	0.003698	0.012693	0.015391	0.017002	0.030130	-0.010194
	-0.009075	0.014464	-0.011283	-0.019951	0.019689	0.019312
	0.041987	0.012128	0.000038	-0.031053	0.000586	0.035143
	-0.016922					
y120	-0.021437	-0.002078	0.005867	0.009897	-0.000694	0.010685
	0.013273	-0.015387	0.007788	-0.003847	-0.000969	-0.000267
	0.031893	0.005598	-0.015967	0.018708	0.001488	-0.002807
	-0.003741	0.017980	0.011588	-0.008596	0.010676	0.018356
	0.042214	0.023377	0.003519	-0.014673	0.003156	0.043140
	0.004994					
z120	0.003238	0.011256	0.003860	-0.009077	-0.000118	0.005100
	0.012456	0.017877	-0.002674	0.007274	0.012760	-0.011808
	0.004539	0.022616	-0.002805	0.013437	-0.010704	-0.001124
	0.013013	0.001661	-0.021569	0.002065	-0.013308	-0.020091
	0.007844	-0.008631	-0.025179	-0.022188	-0.024538	0.011414
	-0.035933					

x121	-0.001485	0.018378	0.006461	-0.002623	0.010568	0.017339
	0.026105	-0.023485	-0.003146	-0.007878	0.004486	-0.013801
	0.003616	0.011627	0.010070	0.014247	0.030470	-0.011563
	-0.019276	0.015273	-0.007964	-0.014490	0.024167	0.017209
	0.041432	0.015350	-0.001465	-0.033135	0.000488	0.034412
	-0.013198					
y121	-0.021930	-0.003562	0.005343	0.010197	-0.000509	0.011042
	0.018213	-0.017674	0.004439	-0.004284	0.000843	0.001444
	0.036024	0.004497	-0.017783	0.013536	0.005034	-0.003833
	-0.005680	0.020320	0.011728	-0.000847	0.016924	0.018359
	0.051550	0.029334	0.007864	-0.023814	-0.006030	0.048994
	0.013381					
z121	0.002412	0.010344	0.001572	-0.009991	-0.002199	0.004784
	0.012790	0.013987	-0.004200	0.001199	0.009944	-0.011850
	0.010272	0.024926	-0.004597	0.016222	-0.013367	-0.000813
	0.018006	-0.001681	-0.020466	0.005458	-0.019097	-0.027071
	0.004724	-0.008944	-0.022583	-0.021734	-0.033839	0.009728
	-0.033925					
x122	0.001183	0.018267	0.004930	-0.002781	0.010991	0.016364
	0.025603	-0.022261	-0.002371	-0.007355	0.001980	-0.012973
	0.004601	0.011906	0.009903	0.013599	0.031105	-0.010809
	-0.025549	0.013351	-0.003098	-0.011454	0.023220	0.016495
	0.041316	0.015985	-0.001285	-0.032344	0.000687	0.033247
	-0.010207					
y122	-0.022725	-0.005251	0.003501	0.009515	0.000534	0.010987
	0.022166	-0.019871	0.004295	-0.004659	0.002849	0.001578
	0.037934	0.002564	-0.015470	0.008946	0.009307	-0.005245
	-0.005115	0.021932	0.012825	0.003590	0.020336	0.017948
	0.052965	0.031679	0.007474	-0.025697	-0.008053	0.050919
	0.018576					
z122	0.002527	0.009431	-0.002010	-0.010211	-0.004229	0.004349
	0.009849	0.013018	-0.006523	-0.002560	0.005739	-0.011507
	0.009649	0.024859	-0.010792	0.017915	-0.018844	-0.006013
	0.015583	-0.004882	-0.019911	0.006516	-0.017750	-0.034680
	-0.007690	-0.009782	-0.023809	-0.016684	-0.030610	0.007130
	-0.035396					
x123	0.003832	0.017975	0.003530	-0.003179	0.011186	0.015165
	0.025213	-0.021994	-0.002725	-0.007244	-0.001661	-0.011007
	0.004263	0.011369	0.008342	0.010886	0.029834	-0.011720
	-0.031727	0.010581	0.000595	-0.010077	0.023061	0.013517
	0.036500	0.016554	-0.000856	-0.031320	-0.002462	0.028969
	-0.005850					

y123	-0.023513	-0.006894	0.001205	0.009712	0.001859	0.010667
	0.024560	-0.020001	0.003833	-0.004687	0.005457	0.000532
	0.037929	0.001067	-0.012710	0.004379	0.012896	-0.005718
	-0.005225	0.022355	0.012611	0.004843	0.023047	0.018700
	0.052453	0.033822	0.008163	-0.025508	-0.010148	0.047122
	0.024989					
z123	0.002917	0.008791	-0.005759	-0.009143	-0.005905	0.004312
	0.005698	0.014591	-0.007147	-0.004278	0.002928	-0.013128
	0.008037	0.024295	-0.014385	0.021249	-0.019107	-0.008176
	0.011125	-0.007535	-0.016768	0.009705	-0.017768	-0.037140
	-0.014392	-0.011218	-0.022758	-0.010651	-0.021875	0.000454
	-0.037674					
x124	0.006551	0.017991	0.001880	-0.003582	0.011561	0.014258
	0.024629	-0.021337	-0.003496	-0.007333	-0.004466	-0.009923
	0.003242	0.011177	0.007329	0.009402	0.027493	-0.012780
	-0.037799	0.007205	0.004508	-0.009139	0.021064	0.009254
	0.030613	0.015680	-0.000774	-0.028611	-0.003385	0.025174
	-0.004138					
y124	-0.024283	-0.007971	-0.000833	0.010139	0.003276	0.010658
	0.025843	-0.018791	0.002801	-0.004211	0.009095	-0.001351
	0.036685	-0.000119	-0.009338	0.000418	0.016086	-0.005219
	-0.004706	0.020848	0.012235	0.003762	0.024256	0.018963
	0.051071	0.035086	0.007690	-0.024566	-0.013218	0.042284
	0.032983					
z124	0.003469	0.007895	-0.009097	-0.008596	-0.007612	0.004147
	0.001499	0.016057	-0.008290	-0.004502	0.000878	-0.013395
	0.005533	0.022427	-0.018522	0.023237	-0.018042	-0.009767
	0.006438	-0.010450	-0.011239	0.009441	-0.013334	-0.036678
	-0.019078	-0.012751	-0.021786	-0.009548	-0.022762	-0.005693
	-0.034617					
x125	0.009399	0.018175	-0.000026	-0.003907	0.011959	0.013555
	0.023655	-0.019934	-0.005049	-0.008187	-0.007400	-0.008998
	0.001096	0.011161	0.006166	0.008734	0.024558	-0.014339
	-0.044266	0.003706	0.008145	-0.008289	0.019050	0.003475
	0.024250	0.014254	-0.001917	-0.025711	-0.003570	0.019459
	-0.003629					
y125	-0.025105	-0.008621	-0.002151	0.010708	0.004816	0.011191
	0.026638	-0.017143	0.001618	-0.003628	0.012791	-0.003495
	0.033869	-0.000563	-0.005902	-0.002470	0.016966	-0.005204
	-0.004433	0.018625	0.011205	0.001783	0.023342	0.017317
	0.048180	0.035734	0.006996	-0.023126	-0.015023	0.036950
	0.038903					

z125	0.004000	0.006400	-0.011603	-0.007495	-0.008332	0.003665
	-0.001655	0.015893	-0.008590	-0.006932	-0.000777	-0.013600
	0.003311	0.018616	-0.021920	0.025326	-0.013531	-0.012344
	0.002033	-0.010585	-0.007872	0.010962	-0.009994	-0.034901
	-0.017827	-0.011730	-0.019659	-0.010880	-0.023903	-0.009701
	-0.031245					
x126	0.012211	0.018555	-0.002120	-0.004022	0.012100	0.012975
	0.022471	-0.018228	-0.007004	-0.010140	-0.010028	-0.008372
	-0.001689	0.011281	0.004692	0.008377	0.020324	-0.016484
	-0.050416	-0.000118	0.011851	-0.008318	0.017745	-0.002956
	0.017719	0.011288	-0.003398	-0.023121	-0.004309	0.011915
	-0.004970					
y126	-0.026034	-0.008731	-0.002695	0.011196	0.005940	0.012581
	0.026888	-0.015421	0.000365	-0.002658	0.016430	-0.004998
	0.029473	-0.000094	-0.003457	-0.004013	0.014409	-0.005571
	-0.005220	0.015945	0.009022	-0.001006	0.022380	0.013879
	0.043514	0.034731	0.005983	-0.021066	-0.015403	0.030247
	0.042316					
z126	0.004067	0.005543	-0.013968	-0.005997	-0.010242	0.003641
	-0.005046	0.015868	-0.005676	-0.008975	0.000933	-0.015195
	0.002431	0.015903	-0.024702	0.025648	-0.007793	-0.013048
	-0.001632	-0.009035	-0.004732	0.012252	-0.007118	-0.031181
	-0.010691	-0.015156	-0.013284	-0.011624	-0.025962	-0.008562
	-0.029510					
x127	0.015155	0.018766	-0.004117	-0.004249	0.012658	0.012236
	0.021916	-0.015525	-0.009660	-0.012181	-0.012296	-0.007352
	-0.005786	0.011917	0.004555	0.008842	0.016340	-0.017286
	-0.056265	-0.003668	0.015324	-0.008524	0.016510	-0.009674
	0.009800	0.007891	-0.004988	-0.020953	-0.004044	0.003432
	-0.006169					
y127	-0.026950	-0.008407	-0.002397	0.011397	0.006879	0.014839
	0.027127	-0.013701	-0.001410	-0.001482	0.020368	-0.005941
	0.023436	0.001255	-0.001587	-0.003409	0.008955	-0.005509
	-0.006016	0.012394	0.006056	-0.003932	0.020458	0.008560
	0.037969	0.032285	0.002632	-0.018891	-0.012952	0.024072
	0.042905					
z127	0.004279	0.003928	-0.015421	-0.006029	-0.011381	0.003082
	-0.006920	0.016968	-0.002023	-0.009166	0.004444	-0.015467
	-0.000651	0.014968	-0.023026	0.027593	-0.001122	-0.011290
	-0.007230	-0.005199	-0.003379	0.015280	-0.004092	-0.026488
	-0.008190	-0.020567	-0.002361	-0.012692	-0.023349	-0.002515
	-0.027868					

x128	0.017546	0.019923	-0.005631	-0.003663	0.013044	0.011987
	0.021815	-0.012082	-0.011169	-0.014609	-0.013009	-0.007777
	-0.008221	0.013952	0.004499	0.010161	0.012887	-0.016363
	-0.058426	-0.006991	0.019378	-0.009205	0.013577	-0.016034
	0.006642	0.005089	-0.010414	-0.016842	-0.001896	-0.002452
	-0.006361					
y128	-0.027833	-0.007964	-0.001378	0.011287	0.007325	0.017146
	0.027515	-0.012174	-0.003496	-0.000794	0.024539	-0.006170
	0.016046	0.003255	-0.001393	-0.000652	0.001556	-0.006362
	-0.007060	0.009353	0.003506	-0.007552	0.018140	0.002624
	0.032905	0.030244	-0.003728	-0.016023	-0.009621	0.017624
	0.040518					
z128	0.005232	0.002552	-0.015785	-0.007267	-0.012015	0.003082
	-0.006088	0.019731	0.000534	-0.008075	0.013424	-0.015465
	-0.004373	0.017849	-0.017079	0.034891	0.007348	-0.006697
	-0.013964	0.001423	-0.004384	0.016792	-0.005307	-0.020841
	-0.004661	-0.026542	0.004006	-0.012081	-0.011736	0.012095
	-0.027660					
x129	0.029753	0.008979	-0.013267	-0.016692	0.019208	0.010402
	-0.007225	-0.022429	-0.045267	-0.009747	-0.003351	-0.045755
	-0.013462	0.022594	0.022464	0.017384	0.029177	-0.024307
	-0.029914	-0.026320	0.031994	-0.051896	0.008278	-0.006603
	0.004830	-0.038104	0.027501	-0.025519	0.006095	0.035740
	-0.013559					
y129	-0.033134	-0.017513	0.004270	0.007891	0.012629	0.012213
	0.022958	-0.017008	-0.014646	0.010098	0.019735	-0.003517
	0.017349	0.013412	0.003623	0.003537	0.006662	0.012301
	-0.003993	-0.014941	0.008034	-0.018586	0.018927	0.015081
	0.010227	-0.017627	-0.005569	-0.027487	0.030178	0.004716
	0.002334					
z129	0.002723	0.002360	-0.028156	-0.003224	-0.020800	0.008782
	-0.000881	0.018214	0.001852	-0.022647	0.018210	-0.013425
	-0.022823	0.020259	-0.015714	0.036581	-0.001688	0.020021
	-0.041513	0.000132	-0.004613	0.032429	0.006424	-0.019524
	-0.016380	0.004975	0.019057	-0.008348	-0.002817	0.031265
	-0.014781					
x130	0.028452	0.011272	-0.011560	-0.014533	0.018902	0.012136
	-0.005460	-0.020943	-0.040091	-0.011066	-0.002499	-0.041182
	-0.012061	0.021426	0.019618	0.017703	0.025220	-0.024433
	-0.025170	-0.021723	0.030977	-0.045236	0.007459	-0.010995
	0.007291	-0.031840	0.023267	-0.026569	0.004073	0.031740
	-0.009337					

y130	-0.033132	-0.017280	0.004310	0.008737	0.012844	0.014064
	0.024863	-0.016346	-0.015474	0.009850	0.020464	-0.000699
	0.014801	0.012097	0.001093	0.001712	0.001134	0.011351
	-0.008239	-0.012252	0.005794	-0.015910	0.022226	0.008735
	0.002220	-0.015049	-0.007340	-0.031784	0.028157	-0.000554
	0.002631					
z130	0.003852	0.000112	-0.029005	-0.005753	-0.020890	0.009284
	-0.002429	0.016719	0.000329	-0.019681	0.020320	-0.014199
	-0.022562	0.021740	-0.010498	0.038195	0.001442	0.017522
	-0.040530	-0.004419	-0.003972	0.029157	0.005319	-0.014986
	-0.015476	0.006840	0.022739	-0.001906	-0.007303	0.034908
	-0.010632					
x131	0.027072	0.013515	-0.009936	-0.011891	0.017677	0.013585
	-0.005323	-0.021465	-0.033493	-0.013304	-0.004091	-0.037490
	-0.010174	0.017872	0.011605	0.014370	0.018116	-0.027120
	-0.021947	-0.019237	0.030664	-0.040166	0.011576	-0.014971
	0.009775	-0.026189	0.021349	-0.023696	0.001060	0.022797
	-0.009706					
y131	-0.033307	-0.016100	0.004068	0.008892	0.013201	0.015449
	0.027035	-0.014588	-0.016576	0.008493	0.022836	0.000109
	0.012920	0.012771	0.001320	0.003957	-0.002018	0.010863
	-0.007956	-0.010206	0.005952	-0.014924	0.019017	0.002390
	-0.001497	-0.012864	-0.011039	-0.035829	0.025930	-0.001782
	0.007123					
z131	0.004669	-0.001206	-0.029605	-0.007258	-0.021243	0.009070
	-0.004077	0.014855	0.000011	-0.019261	0.021991	-0.015504
	-0.021141	0.022662	-0.007706	0.038851	0.002565	0.013735
	-0.039250	-0.008569	-0.003978	0.024908	0.004886	-0.011362
	-0.013491	0.007466	0.025208	0.003923	-0.010402	0.036775
	-0.008739					
x132	0.025509	0.015933	-0.008690	-0.010091	0.018159	0.014659
	-0.003278	-0.019606	-0.028978	-0.013372	-0.005063	-0.032565
	-0.009898	0.015661	0.008853	0.012508	0.014833	-0.027625
	-0.018045	-0.013200	0.029175	-0.031576	0.011842	-0.016627
	0.012655	-0.019092	0.020271	-0.022903	-0.001778	0.016446
	-0.013314					
y132	-0.032813	-0.016041	0.004030	0.008531	0.012794	0.018433
	0.028093	-0.013971	-0.016924	0.007277	0.024381	0.002476
	0.011179	0.012152	-0.000988	0.004548	-0.008188	0.010106
	-0.008780	-0.011663	0.005305	-0.016402	0.020502	-0.005380
	-0.009159	-0.011727	-0.012504	-0.041481	0.023083	-0.003683
	0.017126					

z132	0.005944	-0.003378	-0.029798	-0.009235	-0.021044	0.008744
	-0.005017	0.014173	-0.001607	-0.018191	0.023957	-0.014926
	-0.019737	0.023310	-0.003232	0.039525	0.004043	0.011603
	-0.037707	-0.010988	-0.004495	0.020590	0.003402	-0.007646
	-0.014256	0.006511	0.027503	0.007430	-0.010666	0.035042
	-0.002162					
x133	0.024871	0.017478	-0.007535	-0.009691	0.018773	0.016325
	-0.000701	-0.018084	-0.026662	-0.010648	-0.005350	-0.024535
	-0.011365	0.013273	0.009045	0.013545	0.011596	-0.026837
	-0.016831	-0.011197	0.021736	-0.024008	0.013538	-0.015256
	0.010066	-0.011726	0.015776	-0.025735	-0.006193	0.013417
	-0.011129					
y133	-0.032662	-0.015712	0.003419	0.008272	0.012923	0.021325
	0.027676	-0.013720	-0.016434	0.005541	0.024896	0.001711
	0.010360	0.012136	-0.004491	0.002258	-0.012016	0.009631
	-0.006957	-0.011413	0.009974	-0.017114	0.021310	-0.014286
	-0.011572	-0.009732	-0.008547	-0.041876	0.022179	-0.006329
	0.017710					
z133	0.007005	-0.004646	-0.029343	-0.010080	-0.021102	0.008093
	-0.006219	0.013716	-0.001965	-0.018356	0.025231	-0.013580
	-0.017393	0.023244	-0.002174	0.039901	0.004153	0.009732
	-0.035417	-0.012527	-0.003532	0.016161	0.001483	-0.005253
	-0.013616	0.004993	0.029471	0.011323	-0.007937	0.029609
	0.005861					
x134	0.024681	0.018305	-0.006508	-0.009810	0.018878	0.018018
	0.000710	-0.016714	-0.025299	-0.006043	-0.007904	-0.017167
	-0.013693	0.011378	0.008543	0.012611	0.009676	-0.023477
	-0.017982	-0.010171	0.016598	-0.017421	0.016406	-0.014087
	0.005225	-0.005244	0.012928	-0.029591	-0.011274	0.010713
	-0.008505					
y134	-0.032999	-0.013969	0.002818	0.008776	0.013578	0.022908
	0.028002	-0.013685	-0.014355	0.004209	0.028672	0.000736
	0.011486	0.012717	-0.005506	0.005062	-0.016973	0.005366
	-0.003343	-0.011340	0.009823	-0.020629	0.016258	-0.019297
	-0.006073	-0.007760	-0.007395	-0.037983	0.020956	-0.004686
	0.014025					
z134	0.007974	-0.005008	-0.029568	-0.010248	-0.021776	0.006983
	-0.006622	0.013228	-0.001828	-0.021934	0.025998	-0.015317
	-0.014266	0.023805	-0.002478	0.039571	0.004475	0.007158
	-0.030761	-0.013327	-0.002790	0.011513	-0.001237	-0.003982
	-0.013423	0.000246	0.027389	0.015260	-0.006593	0.030707
	0.013214					

x135	0.024737	0.019086	-0.005361	-0.009648	0.018860	0.020052
	0.002110	-0.017159	-0.024227	-0.000938	-0.010150	-0.010588
	-0.014998	0.010256	0.007023	0.012815	0.009084	-0.025432
	-0.016512	-0.011549	0.010828	-0.012995	0.020863	-0.014306
	0.001276	-0.003871	0.011279	-0.033157	-0.012465	0.008609
	-0.006445					
y135	-0.033395	-0.012911	0.001605	0.008203	0.013701	0.024579
	0.028055	-0.011878	-0.012606	0.002533	0.031596	-0.000457
	0.011271	0.011662	-0.005642	0.004773	-0.021583	0.005268
	-0.002179	-0.010696	0.013628	-0.020611	0.011864	-0.021832
	-0.000403	-0.001000	-0.004074	-0.033908	0.014411	-0.003680
	0.008071					
z135	0.008907	-0.005358	-0.029361	-0.010039	-0.021961	0.005816
	-0.006999	0.013424	-0.001314	-0.023543	0.026437	-0.015650
	-0.011113	0.023061	-0.001762	0.038350	0.007129	0.006773
	-0.027733	-0.014445	-0.003783	0.009615	-0.003979	-0.002746
	-0.015049	-0.007982	0.025712	0.015114	-0.002635	0.031545
	0.016900					
x136	0.024394	0.020598	-0.004611	-0.009868	0.017773	0.021731
	0.002519	-0.018083	-0.020654	0.002030	-0.010901	-0.006715
	-0.014026	0.007249	0.002568	0.013251	0.004922	-0.029251
	-0.012099	-0.013374	0.009110	-0.014695	0.021636	-0.015377
	0.003998	0.000042	0.009531	-0.030024	-0.012574	0.007216
	-0.004004					
y136	-0.033163	-0.012386	0.000316	0.007540	0.014398	0.026743
	0.028241	-0.010778	-0.013592	0.001937	0.032019	-0.000154
	0.008379	0.011978	-0.004877	0.003009	-0.022708	0.004587
	-0.003376	-0.012996	0.015405	-0.015603	0.013172	-0.022847
	-0.000492	0.003326	0.000017	-0.035563	0.004539	-0.004703
	0.002353					
z136	0.009769	-0.005632	-0.028441	-0.009602	-0.021719	0.004074
	-0.007339	0.013983	-0.000056	-0.022567	0.027004	-0.013504
	-0.008501	0.022218	-0.001521	0.038501	0.008362	0.007005
	-0.027024	-0.012755	-0.004619	0.007974	-0.007159	-0.002174
	-0.015406	-0.010696	0.024296	0.016022	0.001262	0.027549
	0.018647					
x137	0.024340	0.022453	-0.003304	-0.009576	0.016289	0.023667
	0.003381	-0.017748	-0.017788	0.006271	-0.011154	-0.001888
	-0.012579	0.006387	0.001206	0.013475	0.000572	-0.028197
	-0.010892	-0.014634	0.007953	-0.012517	0.023068	-0.014432
	0.005799	0.007279	0.009752	-0.027536	-0.015270	0.003449
	-0.005084					

y137	-0.032758	-0.012682	-0.001247	0.006289	0.015182	0.028148
	0.026592	-0.011510	-0.014813	0.001665	0.031838	0.000227
	0.004714	0.009340	-0.006349	0.001524	-0.023429	0.000048
	-0.003623	-0.017372	0.014230	-0.016401	0.013225	-0.025031
	-0.000378	0.001812	0.004164	-0.035863	0.000029	-0.003441
	0.000483					
z137	0.010751	-0.005917	-0.027935	-0.009323	-0.020859	0.002347
	-0.006850	0.014463	0.001246	-0.021189	0.028090	-0.011825
	-0.006011	0.022301	-0.000980	0.039150	0.009856	0.006905
	-0.024620	-0.009679	-0.005541	0.004996	-0.011627	-0.002107
	-0.015365	-0.012211	0.021355	0.017281	0.004992	0.026603
	0.021215					
x138	0.024619	0.023748	-0.002752	-0.010620	0.015594	0.025703
	0.005193	-0.017428	-0.016701	0.011029	-0.013148	0.000325
	-0.011683	0.004724	0.000650	0.013410	-0.000584	-0.030463
	-0.008117	-0.019971	0.008936	-0.009962	0.022574	-0.009115
	0.007667	0.007844	0.011305	-0.030116	-0.007065	0.001039
	0.001058					
y138	-0.032316	-0.013070	-0.002140	0.006358	0.014670	0.029362
	0.025176	-0.010703	-0.014999	0.001883	0.034543	0.000460
	0.003743	0.011660	-0.007007	0.002419	-0.025810	-0.002245
	-0.002991	-0.019482	0.014522	-0.016916	0.010942	-0.027746
	0.002651	0.003203	0.004095	-0.034701	-0.004256	0.003297
	-0.002091					
z138	0.011922	-0.005817	-0.027946	-0.009323	-0.020052	0.000729
	-0.006222	0.014109	0.002044	-0.021250	0.027953	-0.009245
	-0.005273	0.020698	-0.001089	0.038399	0.010798	0.007020
	-0.023078	-0.005288	-0.007478	0.002640	-0.012290	-0.004885
	-0.019689	-0.012940	0.018088	0.019727	0.000522	0.024532
	0.018907					
x139	0.024475	0.026250	-0.001871	-0.010863	0.014059	0.027166
	0.005149	-0.017531	-0.012607	0.015233	-0.013360	0.002692
	-0.010528	0.001677	-0.004516	0.013613	0.000656	-0.029372
	-0.003936	-0.021726	0.008739	-0.006555	0.023054	-0.006141
	0.004669	0.007481	0.003119	-0.022944	-0.004840	-0.004312
	0.004218					
y139	-0.031393	-0.012531	-0.003245	0.004947	0.014325	0.029859
	0.024246	-0.010863	-0.014582	0.003526	0.039334	0.000808
	0.001186	0.014017	-0.008518	0.002957	-0.024706	-0.006031
	0.001463	-0.018460	0.010364	-0.014294	0.006266	-0.026583
	-0.000858	0.000830	0.008909	-0.034080	0.000840	0.009741
	-0.001048					

z139	0.013815	-0.006325	-0.028091	-0.009297	-0.019683	-0.001143
	-0.006254	0.014752	0.002755	-0.020366	0.025318	-0.005571
	-0.003560	0.018362	-0.000115	0.037531	0.011619	0.006285
	-0.022507	-0.004579	-0.006058	-0.002319	-0.012490	-0.006705
	-0.018089	-0.011454	0.016015	0.017414	-0.005544	0.022680
	0.017920					
x140	0.024305	0.027977	0.000290	-0.012159	0.014369	0.027420
	0.006331	-0.017951	-0.009111	0.019578	-0.014012	0.007137
	-0.010156	-0.001490	-0.007885	0.014883	0.002415	-0.028515
	0.000592	-0.020918	0.003809	-0.007778	0.017516	-0.003939
	0.001819	0.007866	0.000293	-0.020201	-0.005272	-0.007008
	0.004661					
y140	-0.030681	-0.011455	-0.004778	0.004183	0.012705	0.031189
	0.022159	-0.010844	-0.014344	0.005005	0.043221	-0.000542
	-0.000882	0.013668	-0.011164	0.002311	-0.025793	-0.007893
	0.003610	-0.018138	0.008842	-0.012193	0.007520	-0.027315
	-0.002132	0.002417	0.010443	-0.028031	0.000083	0.009398
	-0.000708					
z140	0.015689	-0.006829	-0.027705	-0.008992	-0.019150	-0.002509
	-0.006371	0.014981	0.003869	-0.017109	0.023952	-0.000577
	-0.001889	0.016587	0.001101	0.037000	0.011880	0.005044
	-0.022617	-0.005071	-0.004678	-0.005126	-0.013405	-0.006834
	-0.016574	-0.011453	0.014538	0.014217	-0.006821	0.020520
	0.017229					
x141	0.024032	0.029847	0.001601	-0.013362	0.013356	0.028140
	0.006772	-0.019677	-0.007469	0.024123	-0.014498	0.011975
	-0.009500	-0.004460	-0.011949	0.013557	0.001270	-0.028192
	0.005185	-0.022000	0.002461	-0.009762	0.017296	0.000253
	-0.000208	0.007291	-0.001896	-0.019506	-0.011897	-0.009430
	0.018937					
y141	-0.029558	-0.010634	-0.005767	0.003519	0.012058	0.031696
	0.020535	-0.010464	-0.012930	0.005810	0.045549	-0.002206
	-0.003443	0.012357	-0.012713	0.003544	-0.023726	-0.009057
	0.004991	-0.015762	0.005703	-0.010958	0.005683	-0.028550
	-0.003806	0.004274	0.014304	-0.021043	0.004370	0.010036
	-0.004628					
z141	0.017440	-0.007132	-0.027622	-0.008695	-0.018577	-0.003523
	-0.006173	0.015123	0.004126	-0.013983	0.022447	0.003381
	0.000340	0.015957	0.002162	0.035109	0.012236	0.004618
	-0.020359	-0.007371	-0.002824	-0.006655	-0.014170	-0.006748
	-0.014563	-0.011249	0.011600	0.010346	-0.010625	0.018334
	0.015779					

x142	0.023785	0.030977	0.002527	-0.013763	0.011794	0.026903
	0.005128	-0.022310	-0.003816	0.026327	-0.016020	0.014660
	-0.007262	-0.010615	-0.019908	0.012665	0.000993	-0.029622
	0.008591	-0.025602	0.006300	-0.012745	0.015029	0.004791
	-0.000523	0.009005	-0.002091	-0.013774	-0.017843	-0.014106
	0.023381					
y142	-0.028795	-0.009348	-0.006771	0.002435	0.011907	0.033198
	0.020110	-0.009401	-0.012735	0.008183	0.047722	-0.001750
	-0.005390	0.012443	-0.013065	0.004145	-0.023695	-0.009977
	0.006228	-0.013876	0.002454	-0.009104	0.004420	-0.029110
	-0.004836	0.003719	0.015228	-0.017650	0.007283	0.012570
	-0.005142					
z142	0.019043	-0.006413	-0.027837	-0.007464	-0.019174	-0.004747
	-0.007226	0.014451	0.006729	-0.013433	0.021458	0.004376
	0.002554	0.014647	0.000012	0.034302	0.011598	0.002928
	-0.017753	-0.009864	0.000591	-0.010425	-0.014143	-0.007276
	-0.010983	-0.010847	0.010168	0.010223	-0.012182	0.014675
	0.011847					
x143	0.023003	0.033640	0.003409	-0.014291	0.011468	0.026270
	0.003747	-0.023203	-0.000369	0.026278	-0.015480	0.011947
	-0.005376	-0.013637	-0.025453	0.011784	0.002016	-0.029495
	0.012823	-0.029023	0.008877	-0.013951	0.013615	0.006368
	-0.000621	0.007089	-0.004551	-0.010031	-0.017793	-0.006177
	0.017850					
y143	-0.027487	-0.008498	-0.007912	0.001804	0.011162	0.034097
	0.019544	-0.009530	-0.012147	0.010604	0.048102	0.000579
	-0.006842	0.010728	-0.012991	0.005356	-0.023521	-0.010696
	0.007631	-0.011055	-0.000223	-0.008332	0.003053	-0.028990
	-0.004088	0.004811	0.017527	-0.014507	0.005862	0.009350
	-0.003480					
z143	0.020394	-0.005533	-0.027654	-0.006394	-0.019893	-0.005612
	-0.008767	0.014278	0.009276	-0.013205	0.020946	0.005001
	0.004035	0.013350	-0.002753	0.032951	0.010946	0.000353
	-0.015234	-0.012840	0.004698	-0.012215	-0.014643	-0.007101
	-0.008718	-0.011606	0.006944	0.010837	-0.010216	0.013101
	0.008367					
x144	0.022271	0.035564	0.005194	-0.015610	0.012947	0.025874
	0.003640	-0.022431	0.001197	0.029007	-0.014027	0.012860
	-0.004950	-0.014616	-0.023506	0.009578	0.005752	-0.026699
	0.015239	-0.029149	0.007264	-0.013169	0.006536	0.011623
	0.004577	0.006724	-0.008633	-0.004479	-0.014978	0.006979
	0.019558					

y144	-0.026103	-0.007415	-0.009247	0.001450	0.009981	0.034424
	0.018529	-0.009167	-0.011161	0.012240	0.047924	0.001148
	-0.006597	0.007604	-0.014705	0.006990	-0.024220	-0.011078
	0.009352	-0.009938	-0.000313	-0.008426	0.002332	-0.030316
	-0.003985	0.004912	0.019700	-0.010500	0.006110	0.008270
	-0.003254					
z144	0.022017	-0.004738	-0.026997	-0.005748	-0.019476	-0.006225
	-0.009258	0.014406	0.011038	-0.010646	0.021586	0.007525
	0.004350	0.013634	-0.002436	0.032703	0.011746	-0.000143
	-0.013137	-0.014449	0.006150	-0.013593	-0.017074	-0.005965
	-0.006231	-0.011927	0.003923	0.009162	-0.008237	0.013894
	0.005761					
x145	0.021049	0.036536	0.006884	-0.018020	0.012722	0.025115
	0.004032	-0.023768	0.001642	0.029599	-0.015686	0.018492
	-0.003325	-0.017371	-0.028003	0.007108	0.003316	-0.025214
	0.012625	-0.031215	0.006402	-0.010274	0.009876	0.016120
	-0.000400	0.005217	-0.012604	0.003317	-0.019769	0.006811
	0.008354					
y145	-0.024449	-0.006350	-0.010295	0.001454	0.009190	0.034684
	0.016957	-0.008708	-0.009969	0.014547	0.046481	0.000479
	-0.006758	0.004805	-0.014518	0.007980	-0.023799	-0.010234
	0.012838	-0.007259	-0.000055	-0.010930	-0.000416	-0.030322
	-0.000218	0.004415	0.021357	-0.009646	0.005033	0.008816
	0.002700					
z145	0.023635	-0.003579	-0.026916	-0.005950	-0.019422	-0.006662
	-0.009022	0.013720	0.012146	-0.008745	0.021704	0.011292
	0.005246	0.013025	-0.002784	0.031751	0.011759	-0.002376
	-0.011881	-0.017555	0.007784	-0.014626	-0.017431	-0.004802
	-0.005930	-0.011365	0.003391	0.008302	-0.005480	0.012480
	0.003996					
x146	0.020711	0.036407	0.007537	-0.019490	0.011842	0.024852
	0.005525	-0.023373	0.001959	0.030572	-0.015449	0.019083
	0.002306	-0.017489	-0.028719	0.003567	0.003773	-0.022407
	0.014563	-0.031013	0.010161	-0.010315	0.001064	0.019914
	0.001667	0.003168	-0.018620	0.013517	-0.022713	0.012872
	0.011818					
y146	-0.023309	-0.003958	-0.011477	0.000906	0.009444	0.034860
	0.016598	-0.007846	-0.009095	0.015479	0.045323	0.001759
	-0.008844	0.001418	-0.013726	0.011360	-0.023424	-0.013135
	0.014770	-0.007884	-0.000163	-0.011162	0.001577	-0.029659
	0.002039	0.004105	0.026140	-0.012738	0.007132	0.005880
	0.000436					

z146	0.025499	-0.002867	-0.026753	-0.005592	-0.019929	-0.006550
	-0.008670	0.012475	0.013328	-0.006466	0.021176	0.012604
	0.005665	0.013558	-0.002266	0.030867	0.012852	-0.001826
	-0.007965	-0.018726	0.008162	-0.018098	-0.016497	-0.005742
	-0.004737	-0.010567	0.002954	0.003288	-0.005667	0.009338
	0.003665					
x147	0.020004	0.038002	0.008865	-0.019967	0.011626	0.024301
	0.004890	-0.024057	0.003475	0.031605	-0.015536	0.020022
	0.000333	-0.019398	-0.028634	0.004050	0.001280	-0.022555
	0.018290	-0.028884	0.009409	-0.013674	-0.002171	0.025889
	0.004227	0.003806	-0.016951	0.014697	-0.022454	0.009781
	0.015677					
y147	-0.022580	-0.001774	-0.012278	0.000028	0.009301	0.034206
	0.016796	-0.007895	-0.008539	0.016997	0.044008	0.004981
	-0.009805	-0.000473	-0.011593	0.012330	-0.024598	-0.012677
	0.014738	-0.008009	-0.000740	-0.008725	0.000930	-0.026142
	0.001823	0.004363	0.029282	-0.011079	0.007400	0.005018
	-0.003545					
z147	0.027491	-0.002419	-0.026265	-0.004746	-0.020021	-0.007019
	-0.010651	0.012362	0.014618	-0.004363	0.021178	0.015464
	0.006131	0.012187	-0.006179	0.029746	0.012145	-0.003144
	-0.006067	-0.020422	0.008530	-0.022849	-0.017169	-0.005681
	-0.001611	-0.009247	0.001334	0.004596	-0.005452	0.005529
	0.004434					
x148	0.019268	0.040262	0.010903	-0.020424	0.011700	0.023246
	0.004186	-0.024153	0.004904	0.032803	-0.013362	0.019980
	-0.000454	-0.019876	-0.027699	0.005278	0.001332	-0.020379
	0.019574	-0.024864	0.007132	-0.015098	-0.004458	0.026905
	0.004823	0.006211	-0.017947	0.016622	-0.021927	0.012470
	0.008247					
y148	-0.021876	-0.000618	-0.012186	-0.000463	0.009206	0.032711
	0.016069	-0.008087	-0.006984	0.019268	0.042975	0.008036
	-0.011271	-0.002141	-0.010840	0.012069	-0.025849	-0.008310
	0.015166	-0.004637	0.000066	-0.004250	-0.002091	-0.019240
	-0.000698	0.003932	0.025127	-0.007778	0.009554	0.008410
	-0.003580					
z148	0.029260	-0.001122	-0.025504	-0.004509	-0.019930	-0.007412
	-0.012510	0.012488	0.015782	-0.002476	0.021613	0.018111
	0.007151	0.011180	-0.008320	0.030481	0.011415	-0.004222
	-0.005627	-0.023127	0.006421	-0.029429	-0.016494	-0.007434
	0.003091	-0.007675	0.002892	0.005618	-0.004840	0.002343
	-0.000717					

x149	0.018065	0.040878	0.013132	-0.019971	0.010769	0.022012
	0.005163	-0.024399	0.004576	0.032792	-0.014160	0.021531
	0.000679	-0.020485	-0.030105	0.004282	-0.000456	-0.016867
	0.017357	-0.021209	0.006178	-0.011941	-0.007446	0.026397
	-0.000496	0.008772	-0.015847	0.016823	-0.022844	0.009910
	0.007486					
y149	-0.020780	0.000018	-0.012497	-0.000603	0.009348	0.031652
	0.014910	-0.007974	-0.005801	0.021023	0.042399	0.008852
	-0.013123	-0.004306	-0.011669	0.011322	-0.025699	-0.007305
	0.014184	-0.001866	0.001193	-0.001754	-0.002955	-0.016634
	-0.001014	0.002907	0.020044	-0.004208	0.009641	0.011482
	-0.005031					
z149	0.030705	-0.000130	-0.024499	-0.004400	-0.020611	-0.008044
	-0.012917	0.011753	0.015790	-0.000563	0.020512	0.022558
	0.009563	0.009905	-0.010305	0.029348	0.009311	-0.003695
	-0.005078	-0.025819	0.005226	-0.031698	-0.017364	-0.007164
	0.003223	-0.005118	0.006268	0.005589	-0.004075	-0.002000
	-0.002733					
x150	0.016798	0.041211	0.014766	-0.019457	0.010997	0.021603
	0.006942	-0.023973	0.004498	0.033802	-0.013764	0.021581
	0.001045	-0.021267	-0.027161	0.004204	0.000999	-0.012302
	0.016829	-0.016921	0.005723	-0.006683	-0.013262	0.029284
	0.002050	0.008509	-0.019345	0.018785	-0.019898	0.013206
	0.003866					
y150	-0.019554	0.000911	-0.012920	-0.000630	0.008950	0.030746
	0.013895	-0.007174	-0.004435	0.022082	0.042797	0.007776
	-0.013430	-0.004984	-0.013161	0.011727	-0.024686	-0.007691
	0.015871	0.000117	0.002960	-0.000900	-0.002848	-0.015676
	-0.001192	0.000646	0.017429	-0.003433	0.010835	0.011941
	-0.007625					
z150	0.031919	0.000871	-0.023555	-0.004304	-0.020276	-0.008101
	-0.013012	0.010942	0.016118	0.001851	0.019305	0.027048
	0.010798	0.007721	-0.009244	0.028251	0.008056	0.000019
	-0.004952	-0.026891	0.004082	-0.032559	-0.021417	-0.003520
	0.007150	-0.003455	0.004689	0.008927	-0.001232	0.000392
	-0.005249					
x151	0.015513	0.040769	0.016113	-0.020080	0.011062	0.020983
	0.007873	-0.024715	0.002795	0.033963	-0.014617	0.021654
	-0.000670	-0.022335	-0.027871	0.001861	0.000057	-0.010458
	0.014912	-0.012450	0.002972	-0.005048	-0.011887	0.031107
	-0.000297	0.007625	-0.021532	0.017637	-0.019093	0.012867
	0.007661					

y151	-0.018485	0.001475	-0.013347	-0.000289	0.008481	0.029483
	0.013226	-0.006617	-0.002929	0.023436	0.042610	0.007778
	-0.012877	-0.006791	-0.014189	0.012001	-0.023546	-0.010041
	0.016962	0.001473	0.004902	0.000607	-0.003572	-0.014153
	-0.000149	-0.001403	0.015955	-0.000685	0.010460	0.009852
	-0.011476					
z151	0.033365	0.001879	-0.023164	-0.005604	-0.020428	-0.008046
	-0.014631	0.009601	0.015036	0.002881	0.016566	0.030851
	0.008993	0.005367	-0.011267	0.024622	0.004652	0.005656
	-0.006566	-0.027877	0.001633	-0.035251	-0.019725	-0.000532
	0.005231	-0.002394	0.001348	0.008017	0.000554	0.003032
	-0.000909					
x152	0.014605	0.040798	0.017731	-0.019423	0.010496	0.020582
	0.009790	-0.025737	0.001958	0.034421	-0.013911	0.020768
	-0.001349	-0.022602	-0.027887	0.001351	0.002362	-0.006482
	0.012568	-0.008456	0.000952	-0.002412	-0.013230	0.030814
	-0.003315	0.006645	-0.020749	0.016694	-0.018679	0.010714
	0.008597					
y152	-0.017507	0.001871	-0.014186	0.000492	0.007910	0.028264
	0.012055	-0.005505	-0.001890	0.024326	0.041864	0.008100
	-0.012590	-0.007844	-0.014435	0.012115	-0.024002	-0.012220
	0.017353	0.002742	0.007040	0.002979	-0.004574	-0.014486
	0.001344	-0.003208	0.012611	-0.000037	0.011263	0.009580
	-0.014861					
z152	0.035053	0.003041	-0.021900	-0.006216	-0.021073	-0.007822
	-0.014712	0.007191	0.014695	0.005057	0.015470	0.033904
	0.009475	0.004102	-0.013375	0.022045	0.004923	0.009307
	-0.006452	-0.029073	-0.000733	-0.037259	-0.018941	0.001190
	0.002131	-0.001052	0.002336	0.008866	0.001933	0.001572
	0.000176					
x153	0.013851	0.040842	0.019267	-0.018264	0.009874	0.020397
	0.011921	-0.026164	0.000950	0.035461	-0.012057	0.019052
	-0.001670	-0.023761	-0.026152	0.003184	0.004893	-0.002084
	0.010914	-0.004599	-0.001078	0.000725	-0.019254	0.029420
	-0.002169	0.007211	-0.021543	0.015316	-0.015264	0.014601
	0.008510					
y153	-0.016453	0.002360	-0.015094	0.001644	0.007324	0.026815
	0.011510	-0.004152	-0.000622	0.025133	0.041430	0.008103
	-0.011442	-0.006929	-0.014763	0.011667	-0.023692	-0.013740
	0.017839	0.003432	0.009685	0.005380	-0.006166	-0.015640
	0.003637	-0.004877	0.009432	0.001214	0.011112	0.008818
	-0.017426					

z153	0.036782	0.004384	-0.020206	-0.006151	-0.021507	-0.007393
	-0.015239	0.006186	0.014486	0.008491	0.015858	0.036548
	0.010206	0.001479	-0.014120	0.023305	0.003917	0.013768
	-0.006647	-0.029010	-0.003772	-0.039823	-0.024253	0.002215
	0.004477	0.002393	0.001120	0.009989	0.008892	0.007223
	-0.001677					
x154	0.012859	0.040059	0.020315	-0.016806	0.009118	0.019941
	0.014348	-0.026323	0.000907	0.034617	-0.009170	0.016390
	-0.000897	-0.022415	-0.024637	0.003944	0.004901	-0.002125
	0.012534	-0.002579	-0.002074	-0.000282	-0.021725	0.028074
	0.001284	0.005589	-0.023519	0.017212	-0.014517	0.017731
	0.000429					
y154	-0.015642	0.003612	-0.015579	0.002251	0.007315	0.024876
	0.010714	-0.003544	0.000142	0.024519	0.040061	0.010112
	-0.012543	-0.007933	-0.015261	0.011051	-0.023856	-0.011515
	0.016226	0.003569	0.010906	0.008447	-0.009234	-0.014304
	0.003837	-0.006467	0.005315	0.003886	0.009096	0.011174
	-0.019031					
z154	0.038568	0.004535	-0.019896	-0.005793	-0.022888	-0.007260
	-0.015624	0.005572	0.015180	0.009196	0.016620	0.036801
	0.012104	0.001781	-0.016291	0.022543	-0.000800	0.010825
	-0.001935	-0.031534	-0.004920	-0.048073	-0.022865	0.002699
	0.009515	0.003061	-0.000704	0.015327	0.012510	0.009966
	-0.011403					
x155	0.011871	0.039577	0.021919	-0.015183	0.009580	0.019578
	0.016486	-0.025229	-0.000379	0.036004	-0.006414	0.013732
	0.000238	-0.020583	-0.022038	0.002078	0.004904	-0.001520
	0.011251	0.000696	-0.001311	0.001896	-0.023765	0.027016
	0.001381	0.005399	-0.023554	0.018478	-0.012356	0.017145
	0.001398					
y155	-0.014757	0.004494	-0.016337	0.003234	0.006732	0.023123
	0.009821	-0.002761	0.001211	0.023839	0.039090	0.012782
	-0.012154	-0.008310	-0.016499	0.010831	-0.024501	-0.011075
	0.012824	0.002890	0.013082	0.011279	-0.012510	-0.014418
	0.006205	-0.006928	0.001650	0.007399	0.006781	0.009796
	-0.018573					
z155	0.039970	0.006898	-0.018078	-0.005960	-0.020831	-0.007195
	-0.014805	0.008406	0.012755	0.013606	0.018746	0.042854
	0.013894	0.001607	-0.017343	0.018557	-0.003926	0.004498
	-0.000842	-0.035515	-0.004218	-0.047743	-0.022097	0.005585
	0.007141	0.007357	0.003489	0.018484	0.013889	0.003001
	-0.010298					

x156	0.010588	0.038940	0.022985	-0.014141	0.008931	0.019685
	0.017767	-0.024664	-0.001855	0.036052	-0.003474	0.012022
	-0.000250	-0.020558	-0.019222	0.003421	0.003371	-0.002066
	0.008868	0.001894	-0.000833	0.004341	-0.022897	0.023501
	-0.002748	0.005860	-0.020421	0.020545	-0.008011	0.016652
	0.002216					
y156	-0.013881	0.004961	-0.017013	0.003393	0.005677	0.021247
	0.008165	-0.000322	0.000796	0.023308	0.040425	0.014141
	-0.011900	-0.007889	-0.014359	0.011961	-0.024485	-0.010206
	0.010710	0.002846	0.015904	0.014584	-0.014815	-0.017234
	0.002659	-0.008926	0.001724	0.012726	0.010886	0.014357
	-0.017355					
z156	0.040999	0.007097	-0.016934	-0.005606	-0.022778	-0.006061
	-0.015670	0.007241	0.012423	0.017306	0.015887	0.041490
	0.014941	-0.000157	-0.019592	0.017403	-0.011143	0.000985
	0.000978	-0.038715	-0.004770	-0.047810	-0.015834	0.004148
	0.004872	0.010730	0.002763	0.017690	0.014527	-0.002926
	-0.007421					
x157	0.008620	0.036890	0.024961	-0.012559	0.008043	0.020110
	0.019230	-0.024156	-0.002469	0.035451	-0.000938	0.006051
	0.000984	-0.017150	-0.015459	0.004278	0.002821	0.000289
	0.007474	0.008390	-0.001992	0.004915	-0.024956	0.018639
	-0.004866	0.003896	-0.017808	0.021512	-0.002473	0.019242
	0.001944					
y157	-0.013307	0.004423	-0.017042	0.004126	0.004230	0.018576
	0.005448	-0.000002	0.000876	0.022063	0.039022	0.013549
	-0.008988	-0.006450	-0.016220	0.012799	-0.025334	-0.006759
	0.005597	0.007060	0.015848	0.015535	-0.017468	-0.016644
	0.001632	-0.009222	0.000507	0.018319	0.016989	0.015393
	-0.015490					
z157	0.042122	0.007496	-0.014781	-0.006457	-0.024452	-0.004290
	-0.015258	0.008509	0.012610	0.019974	0.016966	0.038910
	0.014515	0.002225	-0.017746	0.015018	-0.014218	-0.001218
	0.008974	-0.038570	-0.005744	-0.047855	-0.018100	0.000086
	0.004710	0.007330	0.003583	0.013385	0.015864	0.003756
	-0.009570					
x158	0.006531	0.035645	0.026693	-0.010840	0.008782	0.020955
	0.021809	-0.023363	-0.003954	0.033767	0.001808	0.002930
	0.001570	-0.013956	-0.012580	0.004402	0.003229	0.000907
	0.005677	0.012230	-0.004153	0.005938	-0.025992	0.016952
	-0.007874	0.003665	-0.015578	0.021195	-0.000809	0.017761
	0.002765					

y158	-0.012406	0.004273	-0.016692	0.005002	0.004593	0.016583
	0.003346	0.000031	0.002391	0.020454	0.036353	0.013998
	-0.006167	-0.003850	-0.020436	0.011459	-0.025250	-0.004693
	0.001361	0.009792	0.015723	0.013712	-0.018309	-0.012368
	0.007740	-0.011283	-0.005349	0.020457	0.016790	0.011271
	-0.015085					
z158	0.043098	0.007732	-0.012224	-0.007654	-0.024189	-0.002238
	-0.014987	0.008258	0.011776	0.022017	0.018850	0.041565
	0.014130	0.003563	-0.017719	0.010000	-0.017359	-0.005812
	0.014917	-0.040858	-0.010104	-0.047354	-0.015056	0.002417
	-0.004213	0.009762	0.003811	0.012648	0.011892	0.001574
	-0.005259					
x159	0.004644	0.034345	0.028147	-0.009193	0.009541	0.022021
	0.024710	-0.022596	-0.005620	0.031861	0.004583	-0.001134
	0.001212	-0.011214	-0.008945	0.005615	0.004364	0.002035
	0.002716	0.017524	-0.006654	0.006516	-0.026687	0.014880
	-0.009783	0.002288	-0.012170	0.019089	0.001642	0.016385
	0.002199					
y159	-0.011343	0.004202	-0.015807	0.006384	0.004037	0.014523
	0.000967	0.000028	0.004170	0.019438	0.034052	0.013463
	-0.003922	-0.000291	-0.024619	0.009282	-0.024895	-0.002537
	0.000959	0.010480	0.014828	0.008910	-0.017411	-0.006788
	0.016981	-0.013230	-0.010128	0.018965	0.011179	0.002426
	-0.012379					
z159	0.044166	0.008184	-0.008687	-0.008611	-0.024379	0.000444
	-0.012939	0.007095	0.010234	0.021623	0.022195	0.037247
	0.013454	0.003224	-0.013662	0.009347	-0.015344	-0.005371
	0.014852	-0.037555	-0.011655	-0.041873	-0.018394	0.003674
	-0.005811	0.005755	0.002159	0.010321	0.019548	0.011952
	-0.006090					
x160	0.002899	0.033406	0.029433	-0.007323	0.010406	0.023175
	0.027692	-0.022017	-0.006986	0.028912	0.007883	-0.005785
	0.000787	-0.008770	-0.005890	0.006783	0.006911	0.002848
	0.001381	0.021602	-0.009222	0.007149	-0.027468	0.012821
	-0.010502	0.000305	-0.008699	0.017053	0.002278	0.014670
	0.000948					
y160	-0.010545	0.003913	-0.015237	0.007170	0.003974	0.012970
	-0.001027	0.000430	0.005371	0.017348	0.032870	0.012680
	-0.003474	0.002097	-0.025577	0.009074	-0.023951	-0.000881
	0.000857	0.010810	0.012983	0.004596	-0.014064	-0.002683
	0.019587	-0.017154	-0.013364	0.017947	0.006397	-0.003527
	-0.009330					

z160	0.045051	0.009305	-0.004337	-0.009352	-0.025031	0.002988
	-0.009782	0.005204	0.009942	0.021837	0.024946	0.033205
	0.011911	0.006640	-0.013702	0.007094	-0.012809	-0.005065
	0.012331	-0.034427	-0.016508	-0.041897	-0.016990	0.005883
	-0.002811	0.003518	0.003812	0.009812	0.018505	0.008394
	-0.006527					
x161	0.001174	0.032499	0.029504	-0.005391	0.011627	0.024575
	0.030696	-0.021806	-0.008714	0.026117	0.009334	-0.010332
	0.002092	-0.005862	-0.001475	0.008854	0.007726	0.002667
	-0.000241	0.023295	-0.011311	0.008182	-0.026670	0.010317
	-0.011697	0.000018	-0.003339	0.016621	0.003201	0.009578
	-0.001435					
y161	-0.009783	0.003590	-0.015801	0.007793	0.003994	0.011823
	-0.002675	0.000360	0.005788	0.014088	0.030868	0.011412
	-0.000980	0.003282	-0.023749	0.011350	-0.024872	0.001250
	-0.000325	0.008598	0.011459	0.001770	-0.011278	0.000386
	0.021859	-0.019090	-0.011995	0.019547	0.003350	-0.012392
	-0.007312					
z161	0.045567	0.010408	0.000671	-0.009838	-0.025964	0.005845
	-0.007686	0.005252	0.009827	0.024393	0.029496	0.029721
	0.010745	0.008442	-0.012879	0.002724	-0.008959	-0.003465
	0.013489	-0.031571	-0.019228	-0.040483	-0.017275	0.007488
	0.002698	0.000787	0.003402	0.002848	0.019295	0.004580
	-0.005311					
x162	-0.000235	0.031922	0.029125	-0.003767	0.012466	0.025728
	0.033353	-0.022239	-0.010388	0.024117	0.010578	-0.013880
	0.003025	-0.003818	0.001767	0.010938	0.007500	0.003092
	-0.002665	0.024866	-0.013098	0.008033	-0.026240	0.007039
	-0.010542	-0.001498	0.003219	0.014468	0.004300	0.004657
	-0.006697					
y162	-0.009385	0.003370	-0.016873	0.008109	0.003812	0.010997
	-0.004441	0.002058	0.005940	0.011091	0.028408	0.010750
	0.002363	0.005451	-0.020608	0.012545	-0.029172	0.002428
	0.000257	0.004303	0.010038	-0.003123	-0.006319	0.001705
	0.020603	-0.020401	-0.010900	0.020849	0.001316	-0.018476
	-0.006294					
z162	0.046552	0.010893	0.005773	-0.011190	-0.025630	0.007970
	-0.005067	0.003099	0.006769	0.023562	0.034894	0.023739
	0.006390	0.008941	-0.015650	-0.000018	-0.001766	-0.003187
	0.012359	-0.022599	-0.025154	-0.038783	-0.016961	0.010757
	0.007473	-0.005505	0.009365	0.003857	0.010324	0.000113
	-0.004637					

x163	-0.002245	0.030885	0.029721	-0.002032	0.014158	0.026311
	0.033164	-0.021211	-0.010649	0.023924	0.008302	-0.013960
	0.000156	-0.002895	0.002541	0.009786	0.004877	-0.000111
	-0.003889	0.022641	-0.013402	0.006601	-0.017366	0.003319
	-0.020016	-0.005964	0.001610	0.007584	0.003866	0.002989
	-0.009911					
y163	-0.008836	0.003400	-0.016348	0.008587	0.003614	0.010002
	-0.006529	0.005167	0.007732	0.008105	0.027388	0.010341
	0.001887	0.006686	-0.018005	0.011038	-0.030546	0.002624
	0.002506	-0.000365	0.010617	-0.010466	-0.001810	0.003921
	0.015169	-0.026802	-0.014171	0.016954	-0.002701	-0.016392
	-0.004697					
z163	0.046128	0.011711	0.009061	-0.012244	-0.024201	0.010482
	-0.001770	0.001335	0.002993	0.022372	0.039651	0.016289
	0.007441	0.011629	-0.012652	0.002869	0.004219	-0.001567
	0.018994	-0.014690	-0.030266	-0.031049	-0.018315	0.012491
	0.013610	-0.009934	0.016030	0.000889	0.007071	0.001171
	-0.005477					
x164	-0.004414	0.029778	0.029625	-0.000490	0.016252	0.026530
	0.031887	-0.020502	-0.008993	0.022444	0.005475	-0.012283
	-0.002248	-0.004350	0.002867	0.013483	0.005143	-0.003134
	-0.003503	0.018496	-0.013875	0.006672	-0.007438	-0.003437
	-0.029302	-0.014081	-0.004270	-0.001025	0.007520	0.006902
	-0.015882					
y164	-0.008602	0.002837	-0.016062	0.008829	0.003487	0.009475
	-0.008239	0.007766	0.008919	0.003243	0.028358	0.010550
	0.002184	0.004928	-0.015802	0.013300	-0.027140	0.003633
	0.006074	-0.003867	0.008963	-0.014739	0.003735	0.005940
	0.009911	-0.035127	-0.017319	0.012836	-0.008891	-0.013906
	0.000649					
z164	0.045116	0.011868	0.011780	-0.012986	-0.022581	0.012317
	-0.000320	0.001147	-0.001215	0.024460	0.036450	0.014649
	0.009944	0.012864	-0.006937	-0.000775	-0.003258	-0.000277
	0.024411	-0.014425	-0.028205	-0.023577	-0.008372	0.013928
	0.011164	-0.010367	0.021034	-0.006860	0.000292	-0.012445
	0.001833					
x165	-0.006175	0.028837	0.028898	0.000697	0.017905	0.026371
	0.030431	-0.020720	-0.008311	0.020870	0.001794	-0.009009
	-0.003752	-0.004930	0.003325	0.017643	0.007524	-0.004966
	-0.002371	0.012415	-0.013543	0.003695	0.006810	-0.011553
	-0.038732	-0.024427	-0.009439	-0.012532	0.004384	0.006826
	-0.020191					

y165	-0.008542	0.002552	-0.017524	0.008583	0.002901	0.009464
	-0.009631	0.011354	0.008347	-0.001123	0.027990	0.010926
	0.006257	0.003225	-0.011015	0.016223	-0.026777	0.005960
	0.010263	-0.007705	0.007900	-0.020422	0.011239	0.005456
	0.005837	-0.042999	-0.016816	0.009633	-0.017762	-0.011216
	0.004826					
z165	0.044293	0.011390	0.014450	-0.014079	-0.019431	0.013379
	0.000773	0.000851	-0.001128	0.026155	0.031465	0.014853
	0.010523	0.011788	-0.001886	0.001331	-0.012780	-0.004352
	0.027008	-0.018528	-0.024916	-0.013566	-0.002292	0.015120
	0.002533	-0.012758	0.017852	-0.010926	0.004664	-0.010812
	0.000992					
x166	0.008860	-0.024566	-0.017636	0.004270	-0.004823	-0.030694
	0.014555	-0.005310	-0.002496	-0.011942	0.020635	-0.035081
	0.002619	-0.004184	-0.007963	-0.005790	0.006377	0.001808
	-0.002611	-0.011878	-0.005323	0.004354	-0.005674	-0.025354
	-0.005856	-0.019746	-0.019476	-0.015478	0.007944	-0.007953
	0.000357					
y166	0.031118	-0.012966	0.009394	-0.011392	0.024603	-0.005138
	-0.021892	-0.000611	0.012530	-0.036057	-0.023797	0.005473
	-0.018094	0.003469	-0.007202	-0.013075	0.002343	-0.024293
	-0.020969	-0.023410	-0.021234	-0.010071	-0.023340	0.003043
	-0.019354	0.006816	-0.019699	0.015856	-0.008536	-0.015249
	0.013623					
z166	-0.023824	-0.028104	0.017279	0.012117	0.004403	0.004194
	0.015955	-0.023351	-0.015109	0.004398	-0.001885	0.019200
	-0.004310	-0.036383	-0.013791	0.011697	0.000404	0.009175
	0.001807	0.006029	-0.006859	0.027728	0.012716	0.008720
	0.016638	-0.027799	-0.001300	-0.005878	0.002199	0.006038
	0.019718					
x167	0.009994	-0.023755	-0.018494	0.005578	-0.003184	-0.031166
	0.014496	-0.003174	0.000173	-0.013436	0.022469	-0.032869
	0.002824	-0.001368	-0.008876	-0.007926	0.007994	0.003854
	-0.002794	-0.011408	-0.006317	0.006076	-0.006929	-0.023206
	-0.002122	-0.017158	-0.018650	-0.013617	0.000881	-0.012903
	0.005404					
y167	0.030147	-0.012848	0.009307	-0.011875	0.025710	-0.002893
	-0.021046	-0.001802	0.014718	-0.035618	-0.025996	0.008217
	-0.018226	0.003014	-0.006874	-0.010109	0.003582	-0.023414
	-0.015771	-0.020435	-0.019637	-0.002131	-0.020696	0.003669
	-0.020606	0.014215	-0.017171	0.009435	-0.007774	-0.008456
	0.007152					

z167	-0.024585	-0.030479	0.016015	0.012866	0.004518	0.006667
	0.020098	-0.023899	-0.014774	0.003252	-0.004473	0.017455
	-0.001785	-0.033358	-0.013599	0.006132	0.002380	0.013836
	0.001585	0.008714	-0.002144	0.027061	0.020050	0.017267
	0.015115	-0.024797	-0.004508	-0.005340	-0.002875	-0.001607
	0.014914					
x168	0.011597	-0.022657	-0.019015	0.006590	-0.002107	-0.031340
	0.014291	-0.001427	0.003709	-0.015783	0.023711	-0.029766
	0.002564	-0.000497	-0.010072	-0.007924	0.009695	0.003964
	-0.002439	-0.010782	-0.006927	0.008554	-0.007466	-0.021158
	-0.001033	-0.013479	-0.017000	-0.011623	-0.000249	-0.013358
	0.007475					
y168	0.028894	-0.012994	0.009551	-0.012858	0.025961	-0.000477
	-0.019611	-0.002872	0.015346	-0.035483	-0.026835	0.010690
	-0.019139	0.002929	-0.007176	-0.010586	0.003168	-0.021605
	-0.009860	-0.017314	-0.018552	0.004252	-0.015423	0.004493
	-0.022200	0.016271	-0.014978	0.004036	-0.008617	-0.001620
	0.004512					
z168	-0.025587	-0.032583	0.014264	0.013568	0.004483	0.008993
	0.022686	-0.022903	-0.013347	0.002962	-0.006675	0.016068
	0.001099	-0.031534	-0.012304	0.005065	0.003996	0.016994
	-0.000726	0.010296	0.002146	0.026289	0.023148	0.023917
	0.014901	-0.017479	-0.005110	-0.002784	-0.000982	-0.009766
	0.006051					
x169	0.013492	-0.021348	-0.019476	0.007639	-0.001244	-0.031137
	0.014181	0.000415	0.006763	-0.018521	0.024575	-0.027258
	0.003030	-0.000076	-0.010713	-0.006791	0.011546	0.004401
	-0.000884	-0.008783	-0.007228	0.010649	-0.007616	-0.018235
	0.001468	-0.009782	-0.014860	-0.009517	0.001343	-0.011386
	0.008210					
y169	0.027463	-0.013527	0.009716	-0.013750	0.025416	0.001929
	-0.019281	-0.003479	0.015568	-0.034574	-0.027736	0.013211
	-0.020687	0.002206	-0.006514	-0.008912	0.003425	-0.018967
	-0.005797	-0.017506	-0.017724	0.009864	-0.010516	0.004752
	-0.022203	0.017576	-0.010562	0.000295	-0.009073	-0.001600
	0.007066					
z169	-0.026634	-0.033917	0.012954	0.014015	0.005004	0.010975
	0.026142	-0.021391	-0.011936	0.001986	-0.007286	0.013000
	0.004433	-0.029913	-0.009935	0.002880	0.004417	0.018916
	-0.001729	0.014090	0.007266	0.024975	0.021934	0.029111
	0.015430	-0.013236	-0.006845	0.001444	0.003649	-0.009729
	-0.007963					

x170	0.015546	-0.020097	-0.019079	0.008218	-0.000833	-0.031031
	0.013804	0.001510	0.009436	-0.020922	0.025153	-0.023771
	0.003222	-0.000162	-0.011703	-0.005081	0.011574	0.003791
	-0.000029	-0.006708	-0.008335	0.011658	-0.004818	-0.015600
	0.003421	-0.006042	-0.011637	-0.005810	0.002378	-0.012331
	0.010382					
y170	0.025825	-0.013872	0.010018	-0.014301	0.024647	0.004251
	-0.018395	-0.003712	0.014614	-0.034389	-0.028204	0.014183
	-0.021114	0.001709	-0.004521	-0.008080	0.003893	-0.016118
	-0.002210	-0.016700	-0.016460	0.013116	-0.005376	0.006112
	-0.023930	0.018657	-0.006062	-0.000134	-0.008578	-0.003533
	0.009529					
z170	-0.027042	-0.035650	0.010568	0.013658	0.004831	0.012884
	0.028235	-0.021525	-0.011515	0.000103	-0.008183	0.009968
	0.003391	-0.031136	-0.009758	-0.000927	0.004680	0.018516
	-0.005015	0.013814	0.012011	0.026035	0.024169	0.030850
	0.013412	-0.012199	-0.008684	0.003943	0.001661	-0.012796
	-0.015515					
x171	0.017893	-0.019145	-0.018748	0.008730	-0.001194	-0.030739
	0.013233	0.002146	0.011144	-0.023455	0.025325	-0.021077
	0.003973	-0.001484	-0.013289	-0.004551	0.011025	0.003887
	0.000671	-0.003802	-0.009235	0.011761	-0.000408	-0.012243
	0.004821	-0.002274	-0.009474	-0.001345	0.005154	-0.013502
	0.011594					
y171	0.024237	-0.014636	0.010016	-0.014534	0.023246	0.006564
	-0.017941	-0.004456	0.012613	-0.033241	-0.028402	0.012786
	-0.021159	0.000572	-0.003033	-0.008527	0.003369	-0.011536
	-0.000088	-0.014376	-0.015504	0.015123	-0.000093	0.007685
	-0.024110	0.019020	-0.003561	0.000613	-0.005466	-0.006990
	0.010522					
z171	-0.027720	-0.036756	0.008574	0.012798	0.004492	0.013954
	0.029385	-0.020523	-0.009800	-0.001695	-0.008783	0.008503
	0.001877	-0.030833	-0.008126	-0.002191	0.005830	0.016618
	-0.006018	0.011533	0.015970	0.027592	0.023568	0.027845
	0.009617	-0.014996	-0.009280	0.006204	-0.005037	-0.014132
	-0.014455					
x172	0.020413	-0.017876	-0.018703	0.008517	-0.001507	-0.030964
	0.012672	0.002572	0.011788	-0.027015	0.024753	-0.017027
	0.003869	-0.003686	-0.015868	-0.003587	0.010550	0.002428
	0.002589	-0.003435	-0.010133	0.013633	0.001643	-0.010209
	0.005786	0.000010	-0.006332	0.003315	0.006294	-0.014899
	0.013863					

y172	0.022603	-0.015160	0.009616	-0.014739	0.022381	0.007977
	-0.017267	-0.005020	0.009852	-0.032650	-0.028387	0.012249
	-0.021879	-0.001268	-0.001729	-0.008037	0.002590	-0.008053
	0.002630	-0.014307	-0.014920	0.017219	0.000608	0.007819
	-0.023571	0.018682	-0.000508	0.002544	-0.003354	-0.010868
	0.011251					
z172	-0.027864	-0.037498	0.007448	0.012543	0.003630	0.015871
	0.030164	-0.018936	-0.007741	-0.001073	-0.008119	0.006538
	0.001560	-0.029938	-0.006506	-0.003191	0.007156	0.015399
	-0.008922	0.009991	0.018518	0.026031	0.024982	0.025274
	0.007818	-0.015599	-0.013713	0.008961	-0.009159	-0.014041
	-0.013025					
x173	0.023002	-0.016505	-0.017996	0.007861	-0.001497	-0.031218
	0.012237	0.002979	0.011657	-0.030403	0.024781	-0.011703
	0.002748	-0.006279	-0.018848	-0.002541	0.010550	0.000353
	0.004414	-0.002977	-0.012674	0.014767	0.004081	-0.009111
	0.005459	0.001265	-0.004316	0.007147	0.005375	-0.015127
	0.017291					
y173	0.020875	-0.015552	0.009079	-0.015166	0.021491	0.009355
	-0.016114	-0.005122	0.006764	-0.031604	-0.027211	0.011929
	-0.023438	-0.003032	0.000065	-0.007266	0.002450	-0.004644
	0.004082	-0.014694	-0.015546	0.019113	0.000875	0.006889
	-0.024227	0.017787	0.002374	0.005108	-0.002082	-0.013114
	0.012777					
z173	-0.027343	-0.037939	0.005253	0.011856	0.001552	0.016501
	0.030521	-0.017326	-0.005726	-0.000918	-0.007641	0.002285
	0.002221	-0.029264	-0.004406	-0.003516	0.007987	0.013986
	-0.010577	0.009362	0.022417	0.027115	0.022981	0.022910
	0.007992	-0.016690	-0.013659	0.013953	-0.006863	-0.015390
	-0.016122					
x174	0.025829	-0.015329	-0.017046	0.006785	-0.001801	-0.031781
	0.011594	0.003688	0.011114	-0.033371	0.024461	-0.006329
	0.001282	-0.008671	-0.022460	-0.001004	0.010457	-0.001470
	0.004547	-0.001842	-0.016273	0.017481	0.007039	-0.006705
	0.004650	0.002747	-0.002605	0.009406	0.004842	-0.013129
	0.023056					
y174	0.019199	-0.016192	0.008672	-0.015491	0.020661	0.010866
	-0.014591	-0.004418	0.003377	-0.029254	-0.025535	0.012016
	-0.025469	-0.004263	0.002837	-0.005603	0.002430	-0.000485
	0.002967	-0.014608	-0.017086	0.022630	0.000385	0.006669
	-0.024455	0.018006	0.006016	0.006189	-0.002080	-0.011729
	0.017226					

z174	-0.026838	-0.038281	0.003064	0.011972	-0.000677	0.016825
	0.029653	-0.017216	-0.003824	-0.001911	-0.007055	-0.003003
	0.002362	-0.031432	-0.002535	-0.005241	0.007476	0.012211
	-0.009713	0.008522	0.025874	0.023951	0.019676	0.016448
	0.009329	-0.018602	-0.011374	0.022554	-0.007210	-0.020353
	-0.023290					
x175	0.028824	-0.013833	-0.015982	0.005525	-0.003186	-0.032846
	0.010422	0.003723	0.011764	-0.036517	0.022936	-0.001777
	0.002272	-0.012551	-0.026371	0.001234	0.009170	-0.004435
	0.005442	-0.000391	-0.019246	0.016967	0.010884	-0.008823
	0.008113	0.006182	-0.000422	0.009537	0.003763	-0.010149
	0.023402					
y175	0.017158	-0.016459	0.008526	-0.015110	0.019268	0.011876
	-0.013293	-0.003749	0.001587	-0.026286	-0.023445	0.011676
	-0.026520	-0.006403	0.004652	-0.002970	0.001716	0.002515
	0.002199	-0.015499	-0.017967	0.024939	-0.000541	0.003031
	-0.020895	0.019918	0.009797	0.006601	-0.002535	-0.009408
	0.019118					
z175	-0.026056	-0.039042	0.001877	0.011278	-0.002195	0.016765
	0.029071	-0.015718	-0.003748	-0.000568	-0.004973	-0.006137
	0.001743	-0.032409	-0.001446	-0.005166	0.007447	0.010806
	-0.011246	0.008950	0.026686	0.022929	0.020526	0.010913
	0.011445	-0.021498	-0.009405	0.027935	-0.007599	-0.020985
	-0.023510					
x176	0.030129	-0.012750	-0.015271	0.003838	-0.004745	-0.032634
	0.009234	0.002758	0.011471	-0.039489	0.019362	-0.000795
	0.004344	-0.016081	-0.030353	0.001732	0.005384	-0.005544
	0.007143	0.000599	-0.019372	0.014085	0.016970	-0.010209
	0.012263	0.005693	0.000397	0.011813	0.005035	-0.010694
	0.020239					
y176	0.014918	-0.016711	0.008316	-0.015366	0.018357	0.013413
	-0.012140	-0.003591	0.000089	-0.023773	-0.023395	0.010119
	-0.026185	-0.007620	0.005815	-0.001394	-0.000381	0.005565
	0.001057	-0.016422	-0.017890	0.025776	0.000812	0.002075
	-0.017394	0.019733	0.011577	0.004937	-0.001081	-0.009629
	0.019740					
z176	-0.025254	-0.038990	0.001365	0.010472	-0.003424	0.016657
	0.028823	-0.013866	-0.003148	0.000228	-0.002055	-0.008145
	0.003497	-0.031436	0.000240	-0.003101	0.009664	0.010886
	-0.013597	0.008570	0.026565	0.023225	0.019041	0.008733
	0.015747	-0.022108	-0.008767	0.019823	-0.004552	-0.015107
	-0.017754					

x177	0.031263	-0.011248	-0.014895	0.002230	-0.005462	-0.032462
	0.007925	0.000713	0.011252	-0.042902	0.016202	0.000182
	0.005828	-0.018950	-0.034217	0.002435	0.003448	-0.005947
	0.008799	0.002036	-0.019692	0.013444	0.019784	-0.009669
	0.012521	0.006105	0.001282	0.014010	0.004998	-0.011476
	0.019785					
y177	0.012758	-0.016617	0.007919	-0.015629	0.017718	0.015058
	-0.011128	-0.004027	-0.000911	-0.022115	-0.023233	0.007928
	-0.026477	-0.008187	0.006841	-0.000115	-0.001706	0.008575
	0.000223	-0.016785	-0.017298	0.026283	-0.000108	0.001565
	-0.015568	0.018802	0.012541	0.006079	-0.000277	-0.010850
	0.019959					
z177	-0.024226	-0.038807	0.001012	0.010055	-0.004879	0.016970
	0.028471	-0.012074	-0.001575	-0.000829	0.000992	-0.010434
	0.003965	-0.029496	0.002705	-0.002848	0.009759	0.011760
	-0.015844	0.006723	0.025835	0.021411	0.016121	0.007528
	0.018375	-0.023561	-0.008853	0.018324	-0.003579	-0.015015
	-0.018394					
x178	0.032228	-0.009740	-0.014152	0.001298	-0.006201	-0.032490
	0.006524	-0.000714	0.011268	-0.045333	0.014315	0.000734
	0.007028	-0.020718	-0.037016	0.003906	0.002349	-0.004540
	0.010561	0.003026	-0.020042	0.012846	0.018919	-0.008635
	0.014315	0.007342	0.000855	0.014102	0.005336	-0.009849
	0.019287					
y178	0.010474	-0.016277	0.007384	-0.015771	0.017182	0.016861
	-0.009824	-0.004177	-0.001589	-0.020445	-0.022646	0.005428
	-0.026422	-0.008028	0.008664	0.001020	-0.003213	0.011592
	0.000126	-0.018132	-0.015907	0.026544	-0.002464	0.001451
	-0.013435	0.018135	0.013676	0.006934	0.000644	-0.010361
	0.019083					
z178	-0.023448	-0.037963	0.000079	0.009019	-0.005707	0.017967
	0.028557	-0.010623	-0.000597	-0.003227	0.003167	-0.012079
	0.004209	-0.026809	0.004924	-0.004208	0.008008	0.010366
	-0.017430	0.004329	0.025273	0.019454	0.016196	0.007737
	0.017114	-0.024999	-0.006063	0.019817	-0.004824	-0.015920
	-0.019762					
x179	0.033203	-0.007348	-0.013898	0.000489	-0.006508	-0.031579
	0.006478	-0.001154	0.011330	-0.047546	0.013996	0.001593
	0.007901	-0.020916	-0.037605	0.005213	0.001766	-0.003617
	0.013209	0.003256	-0.019486	0.012924	0.018058	-0.007947
	0.016504	0.006561	0.000302	0.015747	0.006185	-0.005256
	0.020697					

y179	0.008219	-0.016001	0.006924	-0.015814	0.016768	0.018555
	-0.008546	-0.004740	-0.002022	-0.018441	-0.021854	0.002889
	-0.026237	-0.007716	0.010375	0.002056	-0.005012	0.014867
	-0.000273	-0.018253	-0.014930	0.026005	-0.004300	0.001761
	-0.010576	0.017149	0.014979	0.009254	0.000625	-0.010655
	0.017808					
z179	-0.022671	-0.037895	-0.000140	0.007906	-0.006436	0.017823
	0.027499	-0.010719	-0.000136	-0.005657	0.004109	-0.014144
	0.004455	-0.024351	0.004996	-0.005085	0.005433	0.009589
	-0.019342	0.004372	0.023308	0.016986	0.014524	0.008715
	0.017811	-0.025053	-0.002072	0.022139	-0.007868	-0.018880
	-0.025016					
x180	0.033957	-0.005674	-0.013139	-0.000731	-0.006689	-0.031113
	0.006381	-0.002628	0.010382	-0.050509	0.012101	0.005229
	0.006664	-0.022470	-0.040103	0.005080	-0.000946	-0.004931
	0.013558	0.002675	-0.020819	0.011729	0.020539	-0.006980
	0.014646	0.007134	0.002637	0.021079	0.001286	-0.006740
	0.020735					
y180	0.005895	-0.016128	0.006388	-0.015759	0.016294	0.020083
	-0.007335	-0.005539	-0.002597	-0.016195	-0.021346	0.000469
	-0.025797	-0.007355	0.012067	0.003242	-0.007378	0.017232
	-0.000472	-0.018027	-0.014246	0.025130	-0.004507	0.001142
	-0.008382	0.016641	0.016190	0.010735	-0.000352	-0.012585
	0.017023					
z180	-0.021907	-0.037322	-0.000945	0.007443	-0.006986	0.018102
	0.026845	-0.009796	0.000622	-0.007208	0.006627	-0.018195
	0.007111	-0.019933	0.007533	-0.003973	0.004296	0.009822
	-0.017945	0.005140	0.023140	0.016509	0.010643	0.008331
	0.022446	-0.026271	-0.001217	0.020942	-0.005965	-0.016601
	-0.028767					
x181	0.034757	-0.004020	-0.012284	-0.001975	-0.005491	-0.030388
	0.006324	-0.004512	0.009912	-0.053943	0.009880	0.007842
	0.006823	-0.022369	-0.040021	0.006535	-0.001705	-0.004224
	0.013454	0.000963	-0.020545	0.013291	0.019047	-0.005209
	0.014334	0.007867	0.002441	0.024620	-0.001986	-0.005083
	0.019998					
y181	0.003545	-0.015898	0.005936	-0.015556	0.016051	0.021681
	-0.005690	-0.005873	-0.002723	-0.013655	-0.020019	-0.002270
	-0.024897	-0.006012	0.014048	0.004727	-0.008759	0.018407
	0.000085	-0.018123	-0.012542	0.024324	-0.005926	0.000633
	-0.004886	0.016087	0.017314	0.012719	-0.001239	-0.013739
	0.014920					

z181	-0.021185	-0.036447	-0.001768	0.006749	-0.008231	0.017931
	0.026631	-0.008616	0.000899	-0.009210	0.010177	-0.021261
	0.008594	-0.014657	0.007087	-0.004664	0.001209	0.006605
	-0.016126	0.007172	0.020744	0.012267	0.009200	0.006705
	0.025185	-0.027309	0.001696	0.021552	-0.007925	-0.015355
	-0.033965					
x182	0.034985	-0.002254	-0.011596	-0.003346	-0.004576	-0.030025
	0.006708	-0.005676	0.010268	-0.056612	0.009875	0.008140
	0.009279	-0.020476	-0.037775	0.007749	0.000172	-0.001986
	0.014186	0.003621	-0.020954	0.015462	0.016875	-0.002890
	0.015816	0.007655	0.004508	0.025744	-0.004601	-0.001757
	0.016249					
y182	0.001187	-0.015261	0.005716	-0.015551	0.016190	0.023469
	-0.004486	-0.006479	-0.003089	-0.011488	-0.018777	-0.003395
	-0.025161	-0.005417	0.014956	0.005989	-0.010561	0.020368
	-0.000677	-0.019020	-0.010706	0.024223	-0.007263	0.000302
	-0.002847	0.016720	0.016389	0.014149	-0.003203	-0.013320
	0.015000					
z182	-0.020168	-0.035256	-0.002144	0.005889	-0.008623	0.017950
	0.025578	-0.008540	0.000075	-0.012642	0.012134	-0.021001
	0.007995	-0.010765	0.004243	-0.005290	-0.004229	0.002404
	-0.016372	0.005726	0.018518	0.009252	0.008242	0.004574
	0.024663	-0.026373	0.000953	0.023448	-0.012608	-0.013323
	-0.034751					
x183	0.035133	-0.000515	-0.010907	-0.004133	-0.004698	-0.028313
	0.007364	-0.005252	0.009300	-0.058305	0.012844	0.008721
	0.009794	-0.019598	-0.035790	0.007319	0.000095	0.001695
	0.012089	0.005888	-0.019957	0.020509	0.018612	-0.002063
	0.019543	0.003725	0.005084	0.029851	-0.007964	-0.002844
	0.009894					
y183	-0.001291	-0.014729	0.005647	-0.015542	0.016259	0.024900
	-0.002943	-0.007947	-0.002734	-0.009789	-0.018111	-0.004954
	-0.026109	-0.005553	0.016471	0.008027	-0.011164	0.023794
	-0.001364	-0.019132	-0.009697	0.023213	-0.009495	0.000680
	-0.000035	0.017655	0.016003	0.013846	-0.004950	-0.012243
	0.015571					
z183	-0.019313	-0.034051	-0.002157	0.004947	-0.008826	0.017263
	0.024055	-0.010524	0.001076	-0.015702	0.012456	-0.022076
	0.006891	-0.008857	0.003942	-0.004388	-0.005956	0.001324
	-0.017429	0.005247	0.016104	0.005903	0.007610	0.005607
	0.024069	-0.024127	0.003888	0.023072	-0.014304	-0.013901
	-0.026609					

x184	0.035467	0.002562	-0.010101	-0.005672	-0.003311	-0.027231
	0.007775	-0.006521	0.009196	-0.060048	0.012070	0.011351
	0.007258	-0.023715	-0.032781	0.009992	0.004192	0.003399
	0.010030	0.005914	-0.017669	0.022147	0.019558	0.000932
	0.023276	0.001150	0.009667	0.028082	-0.008578	-0.006551
	0.012137					
y184	-0.003840	-0.014411	0.005519	-0.015306	0.016158	0.027098
	-0.002245	-0.008274	-0.001526	-0.005618	-0.014538	-0.007452
	-0.025423	-0.006958	0.017810	0.008694	-0.008620	0.025561
	-0.001151	-0.017991	-0.006722	0.022008	-0.011154	-0.000146
	0.005438	0.013928	0.015517	0.014956	-0.001218	-0.008567
	0.015432					
z184	-0.018201	-0.031657	-0.002278	0.003776	-0.008735	0.017701
	0.021862	-0.008514	0.002716	-0.016641	0.017729	-0.020798
	0.006932	-0.009078	0.002609	-0.004896	-0.001603	-0.002607
	-0.015275	0.003848	0.017423	0.005445	0.005071	0.004769
	0.028465	-0.028814	0.004935	0.021820	-0.009575	-0.007226
	-0.024532					
x185	0.035228	0.005183	-0.009206	-0.007047	-0.002116	-0.025636
	0.007154	-0.006960	0.007729	-0.060209	0.011113	0.014053
	0.005476	-0.027782	-0.031244	0.010689	0.004382	0.003810
	0.012145	0.000494	-0.014533	0.020127	0.015376	0.001432
	0.023412	-0.001728	0.012804	0.024765	-0.008161	0.001622
	0.017057					
y185	-0.006336	-0.013834	0.005138	-0.014621	0.015963	0.028980
	-0.002750	-0.007965	-0.001659	-0.001247	-0.012855	-0.010470
	-0.024522	-0.009134	0.021038	0.009696	-0.005207	0.027131
	0.001194	-0.015173	-0.004951	0.020026	-0.009066	-0.002759
	0.007591	0.010761	0.018902	0.013303	-0.000540	-0.007738
	0.011429					
z185	-0.017448	-0.028759	-0.002651	0.002696	-0.007837	0.017631
	0.019369	-0.006293	0.001623	-0.017692	0.020000	-0.018062
	0.004636	-0.010690	0.003146	-0.005606	0.003340	-0.008865
	-0.011943	0.001712	0.017226	0.005590	0.010212	0.003568
	0.026102	-0.032489	0.015926	0.015117	-0.010978	-0.012167
	-0.028352					
x186	0.034457	0.006966	-0.007352	-0.007150	-0.001506	-0.023953
	0.006317	-0.008261	0.005953	-0.061375	0.011928	0.014124
	0.008181	-0.026170	-0.027468	0.010275	0.004248	0.008221
	0.016134	-0.000882	-0.015739	0.019485	0.014452	0.002520
	0.019415	-0.001372	0.011935	0.023658	-0.018819	0.002715
	0.014039					

y186	-0.009028	-0.013057	0.004013	-0.014112	0.016238	0.030457
	-0.002288	-0.007680	-0.002781	0.001563	-0.012509	-0.011070
	-0.025311	-0.009289	0.021953	0.012080	-0.006407	0.026361
	0.000310	-0.014360	-0.004126	0.019472	-0.009197	-0.007963
	0.006199	0.010552	0.020725	0.012092	0.002724	-0.002986
	0.009600					
z186	-0.017378	-0.027750	-0.003144	0.002382	-0.007955	0.017168
	0.016097	-0.005054	-0.001082	-0.018913	0.018687	-0.015860
	0.004120	-0.007797	0.002197	-0.005548	-0.001255	-0.014128
	-0.010132	-0.001045	0.015273	0.007220	0.013946	-0.001910
	0.017449	-0.029400	0.017493	0.013125	-0.013036	-0.009965
	-0.026478					
x187	0.033769	0.007511	-0.005796	-0.006629	-0.001358	-0.022054
	0.006814	-0.010510	0.004147	-0.062710	0.011435	0.012862
	0.008672	-0.023472	-0.024738	0.010309	0.003153	0.008659
	0.018394	-0.000133	-0.018806	0.017568	0.017298	0.000727
	0.015876	-0.001126	0.012871	0.020354	-0.025190	0.000172
	0.010599					
y187	-0.011597	-0.011800	0.003333	-0.013125	0.016108	0.031978
	-0.003104	-0.006717	-0.003449	0.005686	-0.010720	-0.012377
	-0.024506	-0.010153	0.023967	0.013935	-0.005745	0.030658
	0.000102	-0.014513	-0.001279	0.020713	-0.013414	-0.009605
	0.009278	0.008150	0.019975	0.014878	0.005685	0.004658
	0.010606					
z187	-0.016718	-0.025298	-0.003036	0.002563	-0.008904	0.016980
	0.012206	-0.003977	-0.001992	-0.019972	0.020850	-0.017751
	0.004629	-0.005747	0.004535	-0.003849	-0.002162	-0.007195
	-0.010643	-0.002025	0.015273	0.010962	0.005958	-0.002071
	0.018748	-0.030132	0.016389	0.017077	-0.009984	0.002736
	-0.025329					
x188	0.032529	0.008035	-0.004582	-0.005958	-0.001195	-0.019675
	0.007028	-0.011801	0.002513	-0.061306	0.011934	0.012210
	0.009136	-0.021808	-0.021880	0.010329	0.001938	0.008532
	0.019667	-0.000757	-0.018209	0.018064	0.017374	0.001073
	0.015648	-0.000224	0.014363	0.018017	-0.027972	-0.001849
	0.009554					
y188	-0.013954	-0.010437	0.002934	-0.012240	0.016314	0.033553
	-0.002426	-0.006668	-0.003355	0.006737	-0.009265	-0.014604
	-0.023467	-0.010325	0.027551	0.016582	-0.004874	0.035694
	0.001834	-0.013684	-0.000741	0.017394	-0.014632	-0.011002
	0.011167	0.006163	0.018228	0.014485	0.007707	0.011915
	0.008126					

z188	-0.016006	-0.022726	-0.002514	0.002073	-0.009595	0.016501
	0.008775	-0.004422	-0.002033	-0.023553	0.020987	-0.018272
	0.003231	-0.005250	0.007159	-0.001383	-0.004377	0.000339
	-0.012305	-0.002903	0.013807	0.012286	0.002407	-0.000090
	0.016854	-0.028151	0.015724	0.018613	-0.007973	0.009498
	-0.025422					
x189	0.031782	0.008974	-0.003144	-0.005570	-0.000829	-0.017306
	0.007771	-0.012599	0.001475	-0.060226	0.013596	0.011294
	0.009357	-0.019905	-0.017854	0.010689	0.004896	0.009451
	0.018436	-0.000356	-0.015267	0.020175	0.017794	0.002081
	0.018294	-0.000459	0.014074	0.016898	-0.028740	-0.006943
	0.009879					
y189	-0.016831	-0.010612	0.002440	-0.012225	0.016334	0.034103
	-0.002374	-0.009177	-0.004834	0.008273	-0.012578	-0.012921
	-0.026092	-0.014389	0.025129	0.016480	-0.012910	0.033963
	0.000047	-0.013186	-0.005202	0.012174	-0.008210	-0.011739
	0.003363	0.008061	0.022099	0.011482	0.004021	0.006913
	0.006616					
z189	-0.015960	-0.021309	-0.002117	0.000862	-0.010118	0.015714
	0.005459	-0.006383	-0.003211	-0.026351	0.018315	-0.015929
	0.000006	-0.006725	0.005008	-0.000095	-0.013066	0.000204
	-0.015648	-0.004388	0.009659	0.011723	0.005423	0.002329
	0.009523	-0.023701	0.018867	0.018882	-0.008583	0.004309
	-0.026613					
x190	0.030676	0.008905	-0.001734	-0.005771	-0.000301	-0.015900
	0.008577	-0.016201	-0.001151	-0.060132	0.011972	0.012757
	0.007223	-0.018178	-0.016826	0.011450	0.001509	0.007460
	0.014128	-0.000810	-0.013631	0.019984	0.024120	0.000402
	0.013953	-0.000183	0.013445	0.013621	-0.035895	-0.018438
	0.009871					
y190	-0.018857	-0.009708	0.001823	-0.011646	0.016735	0.036123
	-0.001873	-0.006558	-0.003737	0.011019	-0.008954	-0.016020
	-0.023886	-0.016582	0.026053	0.018456	-0.011606	0.031320
	0.005397	-0.011151	-0.006305	0.008533	-0.010412	-0.008859
	0.007235	0.005537	0.024066	0.012896	0.013013	0.013243
	-0.002145					
z190	-0.015078	-0.019230	-0.001680	0.000111	-0.010134	0.016197
	0.003609	-0.004508	-0.002416	-0.027629	0.022123	-0.018020
	0.001759	-0.005442	0.004549	0.003947	-0.014105	-0.001882
	-0.013386	-0.005415	0.010002	0.013363	-0.000878	0.006717
	0.013382	-0.024598	0.018656	0.022703	0.000896	0.007822
	-0.036317					

x191	0.029120	0.009927	-0.000980	-0.005847	0.001378	-0.012568
	0.009745	-0.017152	-0.002286	-0.059751	0.013867	0.010168
	0.008755	-0.014245	-0.011389	0.013619	-0.001225	0.008600
	0.013473	-0.001564	-0.013058	0.019839	0.024258	0.003176
	0.014523	-0.000965	0.010358	0.008474	-0.034738	-0.018531
	0.001289					
y191	-0.020009	-0.010029	0.002221	-0.010205	0.015591	0.036376
	-0.000375	-0.006182	-0.003938	0.013419	-0.007300	-0.015202
	-0.023532	-0.017815	0.022920	0.018462	-0.007115	0.026020
	0.007805	-0.008902	-0.003632	0.006398	-0.008361	-0.013145
	0.011811	0.003265	0.026426	0.011535	0.011110	0.007473
	-0.000775					
z191	-0.014022	-0.017984	-0.000601	-0.000552	-0.010628	0.015401
	0.001854	-0.004792	-0.002104	-0.030004	0.023653	-0.016195
	0.001005	-0.004293	0.000291	0.006407	-0.015310	-0.006604
	-0.015154	-0.006659	0.011379	0.015707	-0.002174	0.008576
	0.015413	-0.024345	0.019373	0.023876	0.004014	0.001725
	-0.040822					
x192	0.027079	0.010805	-0.000198	-0.007571	0.002506	-0.009199
	0.010752	-0.017975	-0.004265	-0.060050	0.013635	0.008851
	0.007545	-0.013405	-0.007200	0.014365	-0.005184	0.007753
	0.010699	-0.002133	-0.011310	0.016008	0.027980	0.003702
	0.014233	-0.003407	0.009583	0.002455	-0.032406	-0.022766
	0.001667					
y192	-0.021441	-0.009926	0.002268	-0.007251	0.015781	0.036846
	0.000917	-0.005756	-0.004082	0.016937	-0.005699	-0.015642
	-0.020527	-0.016771	0.021693	0.019217	-0.004703	0.024017
	0.012415	-0.006200	-0.001812	0.006335	-0.010890	-0.011742
	0.015985	0.003703	0.023885	0.010281	0.010409	0.008360
	-0.003933					
z192	-0.013595	-0.016078	0.000358	-0.001639	-0.010298	0.014481
	-0.001099	-0.005409	-0.002943	-0.032102	0.021368	-0.013511
	-0.000679	-0.004656	-0.003089	0.008403	-0.021486	-0.006068
	-0.019222	-0.007756	0.011769	0.016866	-0.004752	0.014603
	0.013512	-0.020959	0.016238	0.023877	0.007846	-0.002569
	-0.041493					
x193	0.024903	0.011353	-0.000630	-0.007412	0.002778	-0.004309
	0.013786	-0.016218	-0.005454	-0.057797	0.018881	0.004107
	0.008200	-0.009643	-0.001118	0.015522	-0.005534	0.001902
	0.012131	-0.000647	-0.002554	0.016461	0.028505	-0.000495
	0.014388	-0.005937	0.013028	-0.001391	-0.025305	-0.025241
	-0.004559					

y193	-0.022845	-0.010259	0.002957	-0.005727	0.016427	0.035584
	0.000459	-0.006848	-0.006476	0.017622	-0.008880	-0.012917
	-0.019341	-0.018097	0.017366	0.017898	-0.005673	0.023284
	0.011827	-0.003092	-0.005103	0.001627	-0.012734	-0.009981
	0.015797	0.006055	0.016923	0.009373	0.008104	0.010703
	0.001692					
z193	-0.013649	-0.013543	-0.000182	-0.001349	-0.009598	0.014791
	-0.002788	-0.002775	-0.005103	-0.032403	0.021985	-0.011163
	-0.000433	-0.002952	-0.004418	0.008149	-0.024777	-0.009255
	-0.018750	-0.006897	0.014488	0.017962	-0.011972	0.015299
	0.008149	-0.017847	0.012300	0.026400	0.015520	0.003199
	-0.038995					
x194	0.021133	0.011134	-0.000805	-0.007088	0.002514	0.000947
	0.016730	-0.017221	-0.008017	-0.055868	0.022213	-0.001774
	0.007198	-0.005476	0.007525	0.015539	-0.008129	-0.000229
	0.013433	-0.004032	0.004033	0.016792	0.027838	-0.002556
	0.011335	-0.004640	0.021107	-0.011416	-0.028820	-0.026113
	-0.013505					
y194	-0.023812	-0.008690	0.003201	-0.002983	0.017652	0.034270
	0.003384	-0.004802	-0.009613	0.020260	-0.009117	-0.012537
	-0.014335	-0.018819	0.015058	0.017984	-0.000888	0.020742
	0.015526	0.003940	-0.004737	-0.006482	-0.015622	-0.011811
	0.021223	0.006007	0.007488	0.007489	0.009123	0.016223
	0.009403					
z194	-0.012618	-0.010365	-0.001135	-0.002391	-0.009973	0.013239
	-0.003574	-0.001437	-0.009170	-0.031781	0.020603	-0.013088
	0.001731	-0.002179	-0.004100	0.010332	-0.024276	-0.009422
	-0.014423	-0.010822	0.018068	0.016426	-0.025616	0.012841
	0.003869	-0.011455	0.012564	0.026247	0.012205	0.018541
	-0.038610					
x195	0.017545	0.011093	0.000142	-0.007869	0.003020	0.005200
	0.019693	-0.016702	-0.008717	-0.053498	0.022503	-0.004705
	0.007181	-0.004839	0.014632	0.016732	-0.009551	-0.002399
	0.014936	-0.006135	0.009291	0.011517	0.027945	-0.002832
	0.016382	-0.003560	0.023433	-0.024521	-0.026221	-0.028846
	-0.021388					
y195	-0.024149	-0.008059	0.002879	0.000053	0.017832	0.033081
	0.005693	-0.003518	-0.012207	0.022875	-0.004471	-0.014727
	-0.009914	-0.012696	0.013190	0.019098	0.005890	0.013914
	0.018134	0.008446	-0.001539	-0.009878	-0.015463	-0.013993
	0.025100	0.003603	0.005448	0.011353	0.005395	0.019799
	0.012092					

z195	-0.012090	-0.006935	-0.001224	-0.004242	-0.010264	0.011386
	-0.005474	-0.001262	-0.011432	-0.031149	0.016968	-0.013848
	-0.000163	-0.000222	-0.004341	0.014746	-0.028110	-0.004721
	-0.013993	-0.014682	0.019702	0.015499	-0.035742	0.009389
	0.003060	-0.006963	0.012884	0.025454	0.008928	0.030396
	-0.036431					
x196	0.014330	0.010954	0.000924	-0.008747	0.003745	0.008047
	0.022536	-0.015558	-0.009106	-0.049972	0.024784	-0.007252
	0.008609	-0.002785	0.021218	0.019150	-0.008746	-0.004793
	0.016501	-0.005663	0.014566	0.004314	0.027172	-0.003676
	0.022190	-0.001424	0.022377	-0.033619	-0.028018	-0.028462
	-0.022643					
y196	-0.025111	-0.007779	0.002836	0.003486	0.017242	0.032096
	0.007590	-0.002761	-0.012076	0.024852	-0.003936	-0.015522
	-0.008004	-0.008891	0.011661	0.014990	0.011747	0.011560
	0.016021	0.007460	0.002065	-0.007719	-0.008099	-0.012564
	0.024824	-0.000472	0.006251	0.011506	0.010802	0.013770
	0.010322					
z196	-0.011768	-0.003457	-0.001006	-0.005808	-0.010327	0.009705
	-0.007339	-0.001026	-0.012325	-0.029874	0.013808	-0.013107
	-0.003735	0.000925	-0.003789	0.016607	-0.033489	0.002256
	-0.015967	-0.017404	0.023179	0.014798	-0.038748	0.005325
	0.000362	-0.005802	0.011702	0.023646	0.005906	0.035492
	-0.030960					
x197	0.011251	0.010687	0.001070	-0.008667	0.004418	0.010388
	0.025080	-0.014593	-0.009153	-0.043875	0.025482	-0.009636
	0.011071	0.000640	0.025645	0.020036	-0.006711	-0.005587
	0.015967	-0.004904	0.015696	-0.000781	0.027487	-0.001078
	0.028441	0.000156	0.021850	-0.036630	-0.028945	-0.031916
	-0.020671					
y197	-0.025688	-0.007497	0.003905	0.004896	0.015999	0.027173
	0.006532	-0.003247	-0.009394	0.024757	-0.007834	-0.011211
	-0.006801	-0.011353	0.009092	0.012539	0.018523	0.008295
	0.008805	0.004652	0.007508	-0.005930	-0.004353	-0.012902
	0.019577	0.000373	-0.002456	0.001092	0.018777	0.021202
	0.008675					
z197	-0.011032	-0.000924	-0.000043	-0.006043	-0.010057	0.008334
	-0.008470	-0.000603	-0.012271	-0.027578	0.011881	-0.011837
	-0.008153	0.003550	-0.005206	0.015510	-0.037070	0.005843
	-0.017601	-0.017749	0.025206	0.013892	-0.036701	0.000714
	-0.002070	-0.005711	0.009329	0.019880	0.001329	0.034841
	-0.019320					

x198	0.008200	0.010148	0.001736	-0.008750	0.005187	0.011596
	0.026399	-0.012751	-0.007631	-0.034660	0.024313	-0.009744
	0.013521	0.002514	0.027842	0.020857	0.000427	-0.006297
	0.014161	-0.002769	0.014089	-0.003342	0.027687	0.000652
	0.032858	0.001532	0.015641	-0.039476	-0.027097	-0.029247
	-0.018159					
y198	-0.025732	-0.006627	0.004224	0.007976	0.015498	0.023326
	0.006623	-0.006345	-0.008392	0.019220	-0.008236	-0.010450
	-0.001224	-0.009113	0.002536	0.014084	0.013129	0.007968
	0.007275	-0.001099	0.004987	-0.001427	-0.005432	-0.006297
	0.018274	0.004428	-0.007089	-0.005308	0.029065	0.026925
	0.015634					
z198	-0.009807	0.001522	0.000847	-0.006212	-0.009002	0.007618
	-0.008899	0.000037	-0.012458	-0.024027	0.010309	-0.012787
	-0.011434	0.007649	-0.008207	0.013776	-0.039213	0.007064
	-0.019493	-0.013464	0.024598	0.011130	-0.033351	-0.004066
	-0.002661	-0.007722	0.005337	0.018324	-0.001130	0.031080
	-0.008675					
x199	0.004637	0.009820	0.002900	-0.008478	0.005438	0.012510
	0.027338	-0.010711	-0.004963	-0.024187	0.023005	-0.009135
	0.017281	0.003807	0.028428	0.021283	0.008664	-0.006925
	0.013669	0.000023	0.011630	-0.004264	0.027617	0.001785
	0.037740	0.003082	0.008069	-0.041608	-0.024061	-0.026043
	-0.015762					
y199	-0.024030	-0.004967	0.004820	0.009176	0.014362	0.019435
	0.006488	-0.004913	-0.006287	0.015637	-0.009224	-0.008212
	0.005528	-0.004123	-0.002213	0.015851	0.008910	0.003660
	0.013228	-0.004106	0.003428	-0.002805	-0.005940	0.001119
	0.023227	0.010215	-0.007495	-0.011282	0.032769	0.023884
	0.017471					
z199	-0.008478	0.004280	0.002555	-0.006725	-0.007311	0.007113
	-0.009940	0.000613	-0.012327	-0.019548	0.009386	-0.014433
	-0.016109	0.011548	-0.010705	0.011455	-0.043274	0.009640
	-0.022280	-0.007524	0.022591	0.009635	-0.027482	-0.006401
	-0.004158	-0.012579	0.001232	0.017668	-0.002021	0.029126
	0.001974					
x200	0.000164	0.010035	0.004495	-0.008593	0.005477	0.013520
	0.028359	-0.008798	-0.001634	-0.014136	0.024187	-0.007909
	0.021493	0.002964	0.028881	0.021551	0.016180	-0.005292
	0.015325	0.004533	0.009079	-0.003977	0.027318	0.004889
	0.042899	0.004457	0.001573	-0.042537	-0.018848	-0.024255
	-0.015460					

y200	-0.022737	-0.002989	0.005253	0.007306	0.013114	0.017085
	0.006349	-0.003703	-0.005485	0.010354	-0.008332	-0.003133
	0.014477	-0.007682	-0.007338	0.021358	0.012825	0.009782
	0.024113	0.002469	0.000795	0.000595	-0.000025	0.006665
	0.039447	0.011352	-0.013269	-0.017752	0.024107	0.011315
	0.025285					
z200	-0.007120	0.006851	0.005086	-0.006615	-0.005002	0.007913
	-0.010930	0.001217	-0.011801	-0.013380	0.009176	-0.016014
	-0.020338	0.015955	-0.013572	0.007693	-0.045070	0.010711
	-0.020419	-0.002901	0.019318	0.011477	-0.018123	-0.006075
	-0.000730	-0.019371	-0.003841	0.014942	-0.005518	0.024349
	0.016815					
x201	-0.004811	0.010413	0.006380	-0.009708	0.005228	0.013929
	0.029190	-0.005733	0.003194	-0.003573	0.027025	-0.006719
	0.025537	0.002033	0.030528	0.020677	0.021506	-0.005670
	0.015410	0.008566	0.009200	-0.004725	0.025667	0.007863
	0.044103	0.004125	-0.003432	-0.040156	-0.008895	-0.019187
	-0.021934					
y201	-0.021037	-0.000709	0.005541	0.002488	0.011793	0.013657
	0.004678	0.002004	0.001397	0.012148	-0.002784	-0.002587
	0.019315	-0.006552	-0.007105	0.023364	0.007248	0.010728
	0.022038	0.010320	0.004566	0.000691	0.004648	0.013807
	0.038933	0.003834	-0.010217	-0.011510	0.036908	0.010538
	0.006606					
z201	-0.005792	0.009837	0.008236	-0.006557	-0.002069	0.009182
	-0.011423	0.001856	-0.010292	-0.007423	0.009728	-0.016791
	-0.025874	0.021028	-0.016284	0.003338	-0.048978	0.008090
	-0.018022	-0.001085	0.016815	0.018036	-0.012025	-0.008428
	0.005798	-0.029201	-0.004112	0.010649	-0.001965	0.022041
	0.032713					
x202	-0.009550	0.010006	0.008827	-0.009723	0.005849	0.012251
	0.030363	-0.000386	0.005426	0.007328	0.029585	-0.002467
	0.031178	0.003611	0.029289	0.017565	0.029414	-0.005387
	0.016095	0.010768	0.009931	-0.001331	0.020395	0.007859
	0.043965	0.003348	-0.012957	-0.037450	-0.005402	-0.014377
	-0.020121					
y202	-0.018146	0.000107	0.006656	-0.000262	0.012923	0.007221
	0.001607	0.009571	0.002900	0.015373	0.000536	0.001672
	0.022821	-0.000563	-0.008825	0.020351	0.005099	0.012622
	0.017562	0.015674	0.002984	0.006610	0.010806	0.014557
	0.030424	-0.006291	-0.008512	-0.001599	0.035390	0.004253
	0.002576					

z202	-0.004099	0.010928	0.010541	-0.006559	0.000574	0.011149
	-0.011434	0.000513	-0.009596	0.001255	0.009723	-0.016325
	-0.025331	0.025042	-0.017630	-0.003512	-0.051339	0.005053
	-0.010538	0.011547	0.013537	0.022379	0.003393	-0.010116
	0.014180	-0.036634	-0.004158	0.008515	-0.003401	0.015094
	0.050700					
x203	-0.012869	0.008274	0.011623	-0.008298	0.005423	0.008940
	0.031478	0.006176	0.009454	0.015367	0.030600	0.002949
	0.032651	0.001391	0.030986	0.018012	0.037356	-0.006853
	0.011835	0.005314	0.010569	-0.003016	0.012494	0.005347
	0.040179	0.006221	-0.020609	-0.034599	-0.006152	-0.017159
	-0.008188					
y203	-0.012931	-0.002733	0.006203	0.001681	0.014651	0.001814
	-0.002799	0.015312	0.002703	0.015595	-0.003778	0.006528
	0.020404	-0.000847	-0.008434	0.015055	0.006412	0.014656
	0.009313	0.006493	-0.005415	0.000621	0.007042	0.009322
	0.023296	-0.011386	-0.011071	-0.005209	0.019912	-0.004088
	0.008371					
z203	0.000151	0.010825	0.014385	-0.004103	0.002800	0.007948
	-0.011077	-0.004919	-0.015650	0.003346	0.002678	-0.012746
	-0.025843	0.021833	-0.014718	-0.010799	-0.039197	0.007751
	-0.009227	0.015069	0.015127	0.021984	-0.001472	-0.008228
	0.011453	-0.027114	0.004463	-0.002416	-0.010987	0.004227
	0.052349					
x204	-0.014222	0.006295	0.012514	-0.006527	0.002037	0.004548
	0.033411	0.011407	0.012316	0.017542	0.033973	0.003033
	0.032730	-0.000847	0.034282	0.015018	0.043695	-0.007668
	0.007386	-0.000878	0.014547	-0.005729	0.002618	0.006168
	0.032708	0.012976	-0.025162	-0.037816	0.000139	-0.016958
	-0.009176					
y204	-0.007851	-0.005895	0.003994	0.003291	0.015669	-0.003389
	-0.006074	0.018223	0.001393	0.010866	-0.005502	0.006741
	0.015825	-0.001721	-0.006395	0.007888	0.007316	0.015974
	-0.002919	-0.002162	-0.013163	-0.001945	0.001864	0.005599
	0.010613	-0.014889	-0.012134	-0.010859	0.017379	-0.003955
	0.000549					
z204	0.003250	0.010151	0.018899	-0.003153	0.004942	0.005026
	-0.009392	-0.009134	-0.019633	0.004797	-0.001832	-0.008241
	-0.029051	0.018057	-0.013206	-0.013265	-0.028199	0.009230
	-0.015844	0.012678	0.017461	0.020971	-0.012112	-0.009520
	0.006062	-0.022195	0.009041	-0.012387	-0.007410	0.003886
	0.046623					

x205	-0.016080	0.004177	0.011507	-0.006171	-0.003265	0.001746
	0.032439	0.014665	0.020447	0.015845	0.038185	-0.001209
	0.027784	-0.000745	0.036983	0.017333	0.045553	-0.012459
	0.006935	-0.003944	0.019112	-0.004700	0.003930	0.004369
	0.019831	0.017115	-0.026895	-0.036976	0.017715	-0.017703
	-0.015734					
y205	-0.003818	-0.008913	0.001774	0.003273	0.016344	-0.007462
	-0.010896	0.018741	0.002142	0.005866	-0.006813	0.005415
	0.009196	0.000448	-0.005361	0.003848	0.006750	0.015454
	-0.010298	-0.007982	-0.020591	-0.001409	-0.000878	0.003553
	-0.000215	-0.020055	-0.012646	-0.014981	0.014439	-0.001815
	-0.005446					
z205	0.005147	0.008677	0.022680	-0.003354	0.005347	0.002414
	-0.008651	-0.012662	-0.019900	0.005036	-0.002851	-0.006981
	-0.032232	0.015324	-0.010023	-0.010363	-0.018372	0.008661
	-0.022582	0.012032	0.019674	0.019704	-0.020804	-0.015199
	0.002137	-0.022255	0.015243	-0.021330	0.002879	0.008879
	0.034976					
x206	-0.017034	0.003012	0.008207	-0.004821	-0.007454	-0.000537
	0.032144	0.015869	0.023317	0.013791	0.037937	-0.001840
	0.026038	-0.003750	0.037636	0.015798	0.042287	-0.017451
	0.014616	-0.010073	0.023678	-0.001788	0.012434	0.006531
	0.010545	0.026208	-0.027635	-0.033509	0.024658	-0.028712
	-0.010038					
y206	0.000195	-0.011333	-0.000444	0.002997	0.017740	-0.010818
	-0.015410	0.016963	0.000189	0.002266	-0.009965	0.003540
	0.003748	0.002771	-0.007257	0.001611	0.003326	0.014538
	-0.016074	-0.011378	-0.026761	-0.000930	-0.003282	0.004759
	-0.006070	-0.023139	-0.013294	-0.013589	0.011862	0.001620
	-0.008486					
z206	0.006570	0.007546	0.025740	-0.001991	0.005114	0.000828
	-0.006752	-0.015543	-0.021191	0.005827	-0.007048	-0.004190
	-0.034151	0.010996	-0.010716	-0.010754	-0.007156	0.005190
	-0.019906	0.009942	0.022848	0.018347	-0.024106	-0.013920
	0.005331	-0.019668	0.016975	-0.025887	0.002519	0.011385
	0.030003					
x207	-0.017700	0.002202	0.003785	-0.002087	-0.010170	-0.000958
	0.031477	0.017996	0.021791	0.013933	0.033470	-0.001927
	0.025006	-0.005528	0.036053	0.010983	0.040778	-0.019621
	0.018900	-0.015845	0.027554	-0.001126	0.012639	0.008282
	0.006974	0.031644	-0.022476	-0.029518	0.024603	-0.037707
	-0.004149					

y207	0.003874	-0.013598	-0.002236	0.002561	0.019524	-0.013196
	-0.019518	0.014161	-0.003581	0.000201	-0.014507	0.001330
	-0.001639	0.006110	-0.011567	0.000273	0.000697	0.013945
	-0.022384	-0.013803	-0.032028	-0.001012	-0.007741	0.005309
	-0.009419	-0.026389	-0.013821	-0.008686	0.006680	0.008911
	-0.008351					
z207	0.006818	0.006907	0.027184	0.000416	0.003907	0.001150
	-0.003986	-0.016350	-0.022508	0.008405	-0.012688	-0.000126
	-0.034787	0.006910	-0.013815	-0.013001	0.004223	0.001790
	-0.015371	0.006278	0.024508	0.016306	-0.027102	-0.011324
	0.012205	-0.018853	0.016155	-0.026162	-0.000333	0.020074
	0.028136					
x208	-0.016955	0.000015	-0.000397	0.001390	-0.011268	-0.001320
	0.028466	0.018925	0.016917	0.015097	0.028747	-0.003660
	0.025561	-0.008501	0.031433	0.008614	0.034538	-0.017740
	0.018922	-0.018328	0.027025	-0.001324	0.016469	0.005820
	0.004270	0.033721	-0.017510	-0.024314	0.027505	-0.047808
	-0.000261					
y208	0.007130	-0.016063	-0.003692	0.001395	0.021275	-0.015032
	-0.023520	0.011139	-0.007502	-0.000818	-0.018663	-0.000965
	-0.006042	0.010790	-0.016051	-0.000044	-0.000250	0.013826
	-0.029703	-0.015571	-0.038247	-0.000943	-0.012557	0.002793
	-0.014502	-0.028524	-0.014952	-0.004260	0.003181	0.020988
	-0.009165					
z208	0.006328	0.004687	0.027686	0.003109	0.002686	0.000981
	-0.000896	-0.015960	-0.023563	0.011721	-0.017476	0.005838
	-0.032712	0.002200	-0.018256	-0.015313	0.015674	0.000505
	-0.014832	0.005013	0.020995	0.012530	-0.023839	-0.013473
	0.012916	-0.018995	0.016195	-0.026388	-0.005071	0.027704
	0.025352					
x209	-0.016624	-0.004149	-0.003482	0.003605	-0.009166	-0.002461
	0.025793	0.017300	0.013757	0.012650	0.028040	-0.008393
	0.025111	-0.013826	0.028688	0.007856	0.023163	-0.011752
	0.019641	-0.020691	0.027786	0.000114	0.012650	0.001272
	0.005391	0.031489	-0.012061	-0.030210	0.035060	-0.049769
	-0.003792					
y209	0.010061	-0.018094	-0.004849	-0.001020	0.022399	-0.016356
	-0.026764	0.009086	-0.010588	-0.001878	-0.021738	-0.001273
	-0.007893	0.017627	-0.019252	-0.000138	0.002298	0.012236
	-0.038200	-0.015609	-0.046246	-0.002337	-0.014309	-0.003111
	-0.022364	-0.028079	-0.015103	0.002859	-0.004065	0.032639
	-0.010187					

z209	0.004555	0.001334	0.028432	0.004609	0.003393	-0.001138
	0.004461	-0.017034	-0.022755	0.012342	-0.016266	0.013995
	-0.025826	-0.001990	-0.020615	-0.017592	0.025902	0.002768
	-0.018138	0.005219	0.015327	0.011957	-0.021700	-0.021099
	0.007422	-0.019988	0.016985	-0.037994	-0.008517	0.038845
	0.019646					
x210	-0.017474	-0.009208	-0.007327	0.002818	-0.007084	-0.003934
	0.021090	0.015827	0.011909	0.011376	0.028066	-0.016622
	0.022681	-0.015583	0.027159	0.009131	0.010804	-0.006016
	0.021807	-0.021572	0.027459	0.002927	0.007468	-0.002048
	0.011172	0.023389	-0.013925	-0.034030	0.040680	-0.041064
	-0.006497					
y210	0.013435	-0.018779	-0.005069	-0.002436	0.024172	-0.016922
	-0.027924	0.008835	-0.013588	-0.004949	-0.023553	0.001813
	-0.007337	0.024542	-0.022714	-0.001286	0.007188	0.007457
	-0.046995	-0.013415	-0.054142	-0.003584	-0.013149	-0.013377
	-0.032513	-0.024355	-0.012965	0.011010	-0.013331	0.039987
	-0.011354					
z210	0.000574	-0.003312	0.027728	0.004776	0.003436	-0.003855
	0.008098	-0.017294	-0.020767	0.014584	-0.013786	0.020880
	-0.016839	-0.002559	-0.021509	-0.016383	0.034155	0.005079
	-0.024203	0.008666	0.009067	0.015030	-0.018663	-0.028315
	0.001677	-0.023102	0.011213	-0.043498	-0.013182	0.055887
	0.017419					
x211	-0.016048	-0.013873	-0.011235	0.000664	-0.003941	-0.007233
	0.016093	0.011714	0.008066	0.011378	0.024829	-0.023673
	0.017566	-0.013339	0.021998	0.009553	0.000727	-0.002615
	0.023042	-0.022575	0.024220	0.009494	0.009747	-0.002697
	0.009576	0.015459	-0.020295	-0.030057	0.040367	-0.031867
	-0.002953					
y211	0.016434	-0.017754	-0.004161	-0.002306	0.025246	-0.015918
	-0.028165	0.010873	-0.012738	-0.012147	-0.021450	0.004111
	-0.003659	0.030362	-0.024324	-0.001455	0.014366	-0.000810
	-0.054518	-0.008716	-0.061455	-0.006986	-0.018625	-0.025499
	-0.037680	-0.021782	-0.006769	0.018419	-0.020023	0.048234
	-0.019057					
z211	-0.004312	-0.008861	0.024407	0.006289	0.003569	-0.006974
	0.010776	-0.017399	-0.021290	0.018571	-0.013416	0.028189
	-0.007920	-0.000175	-0.025064	-0.013840	0.042444	0.002178
	-0.029387	0.013426	-0.001537	0.024060	-0.011267	-0.028555
	-0.007693	-0.026405	0.003060	-0.034322	-0.025045	0.069560
	0.019172					

x212	-0.014965	-0.016510	-0.013910	-0.000127	-0.002943	-0.009523
	0.015176	0.010438	0.005164	0.011198	0.020939	-0.025769
	0.015171	-0.013872	0.017799	0.010066	-0.002496	0.000749
	0.021620	-0.021665	0.019558	0.014100	0.007859	-0.007384
	0.006137	0.016739	-0.021889	-0.025060	0.040076	-0.024507
	-0.001866					
y212	0.018375	-0.016147	-0.002097	-0.002178	0.024570	-0.014300
	-0.030779	0.011072	-0.007483	-0.020301	-0.017476	0.001927
	-0.000577	0.033193	-0.021211	-0.003651	0.015479	-0.009414
	-0.053273	-0.006024	-0.062998	-0.010519	-0.022889	-0.024509
	-0.036132	-0.030461	-0.005498	0.021825	-0.022697	0.048808
	-0.023556					
z212	-0.006348	-0.011555	0.021969	0.009583	0.002984	-0.005895
	0.012626	-0.015485	-0.018705	0.017102	-0.013362	0.025693
	-0.003305	0.000526	-0.026892	-0.012800	0.041625	0.000969
	-0.026412	0.010064	-0.010140	0.031077	-0.015698	-0.027340
	-0.009180	-0.025064	0.008320	-0.024207	-0.025490	0.073530
	0.014490					
x213	-0.013314	-0.019241	-0.015941	-0.000815	-0.001346	-0.011792
	0.014007	0.007806	0.002550	0.008510	0.019744	-0.027245
	0.012858	-0.015435	0.013931	0.010701	-0.004359	0.000047
	0.018950	-0.021192	0.011224	0.017518	0.005687	-0.011086
	0.001659	0.016587	-0.024309	-0.020842	0.038538	-0.014965
	-0.003459					
y213	0.020273	-0.014473	0.000546	-0.003618	0.023889	-0.013181
	-0.029933	0.010406	-0.003573	-0.025066	-0.015724	0.000087
	0.001735	0.034215	-0.017816	-0.008046	0.013929	-0.008428
	-0.050065	-0.003792	-0.059653	-0.013496	-0.023004	-0.026942
	-0.033157	-0.035821	-0.000666	0.021900	-0.022594	0.045571
	-0.021396					
z213	-0.008172	-0.014220	0.020573	0.010463	0.003172	-0.005287
	0.013813	-0.015334	-0.017017	0.013997	-0.012685	0.026913
	-0.001272	-0.003926	-0.027119	-0.013052	0.036417	0.002081
	-0.024504	0.008151	-0.016993	0.036885	-0.017513	-0.026239
	-0.012501	-0.026101	0.011065	-0.019524	-0.022327	0.081316
	0.008716					
x214	-0.011147	-0.021178	-0.017367	-0.001145	-0.000113	-0.014271
	0.013258	0.004090	-0.000371	0.004676	0.020340	-0.027502
	0.010490	-0.016961	0.009275	0.011433	-0.005677	-0.001462
	0.014444	-0.018982	0.003669	0.021918	0.002408	-0.017431
	-0.001748	0.015930	-0.025439	-0.016841	0.036321	-0.006254
	-0.001836					

y214	0.022311	-0.013700	0.002970	-0.005085	0.022769	-0.012207
	-0.029263	0.010149	0.000725	-0.029051	-0.015338	-0.002761
	0.001789	0.034558	-0.014069	-0.012268	0.012330	-0.007590
	-0.045247	-0.002952	-0.054290	-0.016728	-0.025115	-0.025147
	-0.030639	-0.038699	0.001841	0.020701	-0.020875	0.040996
	-0.020350					
z214	-0.010157	-0.015985	0.019677	0.011084	0.003775	-0.004567
	0.015278	-0.016329	-0.016355	0.010786	-0.010046	0.028523
	-0.000369	-0.008890	-0.026531	-0.012033	0.029971	0.002171
	-0.022665	0.007526	-0.021119	0.042319	-0.018822	-0.025814
	-0.014235	-0.026436	0.014345	-0.015053	-0.017846	0.084039
	0.005690					
x215	-0.008028	-0.022330	-0.017992	-0.001236	0.000473	-0.017313
	0.011934	0.000201	-0.002458	0.000220	0.022201	-0.028484
	0.007652	-0.016637	0.004725	0.010237	-0.007246	-0.002266
	0.008566	-0.015296	0.001358	0.023758	-0.000829	-0.023445
	-0.006255	0.011724	-0.023441	-0.014256	0.034124	-0.000842
	0.000140					
y215	0.024066	-0.013669	0.004884	-0.006304	0.021693	-0.010969
	-0.027829	0.009317	0.004616	-0.031112	-0.016673	-0.004517
	-0.000585	0.032717	-0.011323	-0.015123	0.011073	-0.008995
	-0.040468	-0.004346	-0.051343	-0.018894	-0.027790	-0.021196
	-0.029051	-0.037336	0.001041	0.019844	-0.018827	0.035466
	-0.018790					
z215	-0.011986	-0.017335	0.019212	0.011481	0.004560	-0.003824
	0.015947	-0.018161	-0.015923	0.007140	-0.006741	0.029049
	-0.000513	-0.013654	-0.025455	-0.009659	0.023553	0.003280
	-0.020607	0.008029	-0.021815	0.044762	-0.017330	-0.024511
	-0.013670	-0.028227	0.017246	-0.013002	-0.013621	0.078804
	0.005070					
x216	-0.004503	-0.022942	-0.017822	-0.000575	0.000180	-0.020679
	0.010982	-0.003244	-0.003706	-0.003888	0.024045	-0.032250
	0.005533	-0.013409	0.003283	0.010214	-0.007479	-0.003238
	0.006288	-0.013463	0.001759	0.021425	-0.008427	-0.027836
	-0.008284	0.004442	-0.024679	-0.014752	0.030320	0.009239
	-0.001390					
y216	0.025622	-0.014161	0.006057	-0.007702	0.021291	-0.009931
	-0.026471	0.007637	0.007089	-0.032674	-0.018117	-0.003474
	-0.005212	0.027884	-0.012162	-0.018768	0.008453	-0.011633
	-0.038947	-0.003602	-0.049870	-0.019536	-0.023644	-0.017151
	-0.030212	-0.033286	0.001542	0.021443	-0.018522	0.020843
	-0.013054					

z216	-0.013813	-0.019102	0.019183	0.012030	0.004949	-0.003148
	0.016091	-0.020765	-0.015979	0.004861	-0.005453	0.028165
	-0.001217	-0.017472	-0.023471	-0.006205	0.018316	0.004734
	-0.015583	0.007096	-0.021524	0.043114	-0.014517	-0.021640
	-0.010690	-0.029629	0.015681	-0.014526	-0.014187	0.070555
	0.006762					
x217	-0.001410	-0.023671	-0.017033	0.000486	-0.001621	-0.025006
	0.010537	-0.006236	-0.004021	-0.004840	0.024545	-0.034111
	0.001437	-0.012278	0.000019	0.008119	-0.008110	-0.005006
	-0.000084	-0.010192	0.000750	0.017201	-0.009440	-0.031561
	-0.012205	-0.003071	-0.019317	-0.017096	0.027449	0.007722
	-0.003543					
y217	0.028010	-0.014047	0.006969	-0.008490	0.021970	-0.007872
	-0.025215	0.005760	0.009350	-0.035403	-0.018168	-0.004116
	-0.007811	0.023525	-0.010041	-0.018446	0.008771	-0.012551
	-0.034680	-0.005100	-0.043488	-0.016170	-0.025356	-0.013088
	-0.026193	-0.028296	-0.004014	0.023491	-0.013257	0.014217
	-0.006839					
z217	-0.016484	-0.020900	0.019002	0.012757	0.004877	-0.002242
	0.016734	-0.022491	-0.015669	0.005195	-0.004764	0.026808
	-0.001826	-0.021918	-0.020804	-0.001271	0.012940	0.006622
	-0.011240	0.006243	-0.020805	0.040390	-0.008762	-0.017584
	-0.006371	-0.029462	0.015233	-0.016138	-0.012484	0.058178
	0.007794					
x218	0.002535	-0.023822	-0.016249	0.002560	-0.002986	-0.027345
	0.010699	-0.007706	-0.003869	-0.006341	0.025103	-0.038603
	0.000811	-0.007852	-0.001134	0.004028	-0.002048	-0.001208
	0.000857	-0.007602	0.000572	0.012710	-0.012486	-0.031169
	-0.007312	-0.013680	-0.020364	-0.018871	0.020023	0.008193
	-0.000508					
y218	0.029814	-0.014544	0.007858	-0.009271	0.022404	-0.007558
	-0.024083	0.002831	0.009846	-0.037151	-0.020221	-0.000781
	-0.012470	0.016507	-0.010424	-0.018736	0.006250	-0.017327
	-0.033820	-0.008247	-0.037518	-0.013093	-0.022426	-0.009082
	-0.026985	-0.018844	-0.007909	0.022840	-0.014405	-0.000259
	0.002555					
z218	-0.019262	-0.023296	0.018513	0.013206	0.005138	-0.000035
	0.017028	-0.023486	-0.015688	0.005859	-0.005541	0.024652
	-0.001244	-0.025331	-0.018622	0.002700	0.009356	0.010870
	-0.003578	0.004324	-0.019188	0.036596	-0.001079	-0.011233
	0.000333	-0.028003	0.011815	-0.017582	-0.013148	0.043663
	0.012017					

x219	0.006612	-0.024854	-0.015508	0.003964	-0.004727	-0.030347
	0.011014	-0.009207	-0.003384	-0.009385	0.024979	-0.039392
	-0.001109	-0.006266	-0.004073	-0.000950	0.001179	-0.002496
	-0.004070	-0.003580	-0.001051	0.008320	-0.008295	-0.029674
	-0.009543	-0.023423	-0.021183	-0.016226	0.017730	0.000398
	0.000959					
y219	0.031221	-0.013138	0.008558	-0.009437	0.023565	-0.006744
	-0.022174	0.001768	0.010890	-0.038047	-0.020485	0.001982
	-0.014674	0.011981	-0.008457	-0.016727	0.006114	-0.020749
	-0.030783	-0.015488	-0.028693	-0.008545	-0.025754	-0.006354
	-0.025271	-0.009419	-0.012008	0.021019	-0.011590	-0.003872
	0.008171					
z219	-0.022510	-0.026295	0.017175	0.013122	0.005401	0.002765
	0.017076	-0.022643	-0.015814	0.006500	-0.006250	0.023732
	0.000258	-0.029280	-0.017188	0.006276	0.004969	0.013510
	0.003431	0.001274	-0.016565	0.033323	0.007041	-0.004470
	0.007370	-0.023636	0.006500	-0.016609	-0.011385	0.027154
	0.016339					
x220	0.000868	-0.031604	-0.024881	0.007803	0.000668	-0.047447
	0.011547	-0.004380	-0.001864	0.013774	0.020205	-0.057594
	0.001814	0.013543	-0.001679	-0.032766	0.006606	0.013898
	-0.015993	-0.018741	-0.010758	-0.001088	-0.065585	-0.024059
	0.052752	-0.042308	-0.015990	-0.008777	-0.000621	-0.031991
	-0.012051					
y220	0.044459	-0.014515	0.010531	-0.019799	0.030944	-0.007174
	-0.022446	-0.002537	0.011546	-0.023659	-0.010812	-0.001777
	-0.021142	-0.009250	0.003577	-0.006086	0.007121	-0.007851
	-0.003468	0.000825	0.003382	0.000355	-0.009747	0.010548
	-0.024102	0.032223	-0.028263	-0.021128	-0.016850	-0.019234
	0.010795					
z220	-0.028578	-0.046142	0.016912	0.011972	0.019380	0.016140
	0.021776	-0.024759	-0.026027	0.019059	-0.033774	0.038770
	-0.000609	-0.039447	-0.002685	0.005346	-0.006857	0.004055
	0.002506	0.024931	0.002017	0.031915	0.045869	0.026651
	-0.010950	0.012191	-0.021037	-0.033458	0.005364	-0.003319
	0.020674					
x221	0.004237	-0.030507	-0.024488	0.008512	0.000881	-0.044502
	0.012253	-0.003546	-0.000461	0.007925	0.022597	-0.052224
	0.000177	0.011957	-0.002705	-0.028048	0.009352	0.016510
	-0.012715	-0.012780	-0.012889	0.003278	-0.055658	-0.019974
	0.046566	-0.035267	-0.013969	-0.009514	-0.002928	-0.030067
	-0.006350					

y221	0.043211	-0.014197	0.011217	-0.018680	0.029870	-0.005887
	-0.021425	-0.004625	0.010782	-0.025562	-0.011844	0.000426
	-0.021878	-0.008970	0.004294	-0.004244	0.009099	-0.006958
	0.001748	0.002505	-0.001201	0.006058	-0.010221	0.011569
	-0.022818	0.033161	-0.024440	-0.015398	-0.019476	-0.016641
	0.010429					
z221	-0.028859	-0.046669	0.014512	0.012791	0.017574	0.015524
	0.024795	-0.023794	-0.021735	0.018410	-0.035042	0.031732
	-0.000295	-0.033884	-0.003358	0.003596	-0.004437	0.006735
	0.000298	0.017534	0.006798	0.032617	0.041651	0.033011
	-0.003878	0.014855	-0.026751	-0.026450	0.003614	-0.009223
	0.016335					
x222	0.007340	-0.029151	-0.024189	0.009456	0.001620	-0.042231
	0.011670	-0.001925	0.000808	0.002399	0.023570	-0.046497
	-0.001205	0.011584	-0.004293	-0.022894	0.009476	0.016741
	-0.010422	-0.008670	-0.016698	0.003946	-0.045635	-0.016253
	0.038595	-0.029032	-0.011287	-0.010183	-0.005905	-0.026986
	-0.003743					
y222	0.041425	-0.014048	0.011616	-0.017310	0.029693	-0.004572
	-0.022139	-0.004900	0.009722	-0.026778	-0.014994	0.003997
	-0.022861	-0.006751	0.003290	-0.001770	0.007027	-0.008226
	0.004849	0.002577	-0.006875	0.007780	-0.007479	0.013339
	-0.024472	0.033307	-0.020374	-0.012655	-0.023677	-0.012383
	0.007869					
z222	-0.028893	-0.046976	0.012276	0.013224	0.015425	0.015265
	0.027889	-0.023735	-0.018271	0.016031	-0.035376	0.025316
	-0.000289	-0.030836	-0.004517	0.001176	-0.001467	0.008953
	-0.002690	0.011049	0.010195	0.033656	0.037501	0.037695
	0.001581	0.016181	-0.031027	-0.018932	0.002136	-0.013258
	0.012346					
x223	0.010007	-0.027930	-0.024342	0.010184	0.002115	-0.040000
	0.010774	-0.000715	0.001606	-0.004292	0.025021	-0.042495
	-0.001042	0.010169	-0.006409	-0.018559	0.010633	0.016446
	-0.009455	-0.003817	-0.020175	0.004989	-0.036868	-0.012969
	0.032723	-0.023912	-0.007246	-0.009771	-0.009078	-0.027231
	-0.002553					
y223	0.039126	-0.014699	0.011533	-0.016729	0.029454	-0.002926
	-0.022684	-0.005377	0.008308	-0.029589	-0.018028	0.006456
	-0.023685	-0.005142	0.000358	-0.001932	0.005132	-0.009956
	0.003430	0.003747	-0.011318	0.009819	-0.003237	0.015775
	-0.025641	0.032829	-0.014860	-0.013399	-0.029004	-0.016342
	0.005104					

z223	-0.028675	-0.046782	0.010365	0.014059	0.013085	0.015075
	0.030289	-0.023406	-0.015479	0.014163	-0.035051	0.020081
	-0.000292	-0.029644	-0.004565	-0.000694	0.000057	0.010125
	-0.003493	0.005102	0.012787	0.031949	0.033710	0.039926
	0.004200	0.017841	-0.032529	-0.010248	0.000377	-0.012268
	0.008225					
x224	0.012562	-0.025805	-0.024603	0.011618	0.002594	-0.037450
	0.009544	0.001764	0.003559	-0.009414	0.026879	-0.041025
	-0.000107	0.008157	-0.006593	-0.014127	0.015580	0.017747
	-0.005742	0.000524	-0.019726	0.009133	-0.031638	-0.009249
	0.031151	-0.020423	-0.004291	-0.009739	-0.007285	-0.025914
	-0.001099					
y224	0.037023	-0.014383	0.011123	-0.015236	0.029177	-0.000555
	-0.023664	-0.003804	0.008215	-0.030366	-0.020004	0.006086
	-0.023928	-0.005104	0.000445	-0.001599	0.009274	-0.008352
	0.005789	0.004490	-0.010802	0.015496	-0.002954	0.018350
	-0.023100	0.030857	-0.011417	-0.013912	-0.027513	-0.018637
	0.003427					
z224	-0.028545	-0.046374	0.008940	0.014880	0.011212	0.015242
	0.031991	-0.022761	-0.012368	0.013177	-0.033617	0.015678
	0.000418	-0.029057	-0.004427	-0.002099	0.001620	0.011497
	-0.006118	0.000460	0.016557	0.031426	0.028971	0.041857
	0.007869	0.018253	-0.032956	-0.003358	0.001392	-0.010857
	0.004209					
x225	0.014986	-0.023625	-0.025211	0.012018	0.002163	-0.034484
	0.009651	0.003505	0.004747	-0.013939	0.030075	-0.038977
	0.001924	0.005865	-0.007049	-0.010214	0.017556	0.019999
	-0.003397	0.003460	-0.020856	0.010514	-0.027550	-0.006607
	0.030644	-0.015943	-0.004944	-0.010542	-0.003696	-0.019488
	0.001935					
y225	0.035117	-0.014027	0.010437	-0.015067	0.027674	0.002796
	-0.022566	-0.003645	0.007487	-0.031339	-0.019764	0.006635
	-0.022937	-0.004989	0.000389	-0.001669	0.009642	-0.005781
	0.006690	0.003298	-0.012582	0.017297	-0.001809	0.019280
	-0.021191	0.030812	-0.012668	-0.015975	-0.024655	-0.013744
	0.006363					
z225	-0.028453	-0.045926	0.007719	0.015586	0.009808	0.015060
	0.033168	-0.021472	-0.009751	0.011925	-0.032304	0.012179
	0.001263	-0.028609	-0.003541	-0.003227	0.002499	0.013020
	-0.007540	-0.001570	0.019605	0.029743	0.024149	0.041520
	0.011409	0.018042	-0.031280	0.002889	-0.000502	-0.009063
	-0.002074					

x226	0.017479	-0.021633	-0.025514	0.011597	0.001689	-0.033390
	0.009533	0.005840	0.006411	-0.018580	0.030010	-0.037206
	0.004365	0.004861	-0.004892	-0.006798	0.018402	0.021640
	-0.000373	0.006843	-0.019861	0.010315	-0.022272	-0.005432
	0.028817	-0.013911	-0.001992	-0.005842	-0.001786	-0.011603
	0.004536					
y226	0.033279	-0.013988	0.009866	-0.015401	0.026318	0.004288
	-0.021632	-0.002769	0.006789	-0.032822	-0.022008	0.006484
	-0.021814	-0.004579	0.003169	-0.002122	0.009883	-0.003090
	0.009320	0.003162	-0.012278	0.017703	-0.000201	0.019141
	-0.021982	0.029468	-0.007818	-0.013045	-0.023805	-0.007923
	0.007795					
z226	-0.028253	-0.045381	0.006599	0.015621	0.008977	0.015118
	0.034147	-0.020171	-0.007006	0.009863	-0.030447	0.009347
	0.003510	-0.027327	-0.003178	-0.003773	0.003711	0.014776
	-0.010384	-0.002109	0.021465	0.027806	0.019891	0.040953
	0.015914	0.016946	-0.032261	0.005524	-0.001862	-0.008111
	-0.008953					
x227	0.019094	-0.019583	-0.024858	0.011637	0.001898	-0.031986
	0.008492	0.008205	0.007894	-0.022894	0.032216	-0.036236
	0.005079	0.002511	-0.004172	-0.002317	0.020886	0.023639
	0.003868	0.007824	-0.018818	0.012674	-0.020461	-0.003411
	0.027008	-0.013287	-0.002782	-0.004986	0.002808	0.000811
	0.008589					
y227	0.031056	-0.013756	0.010068	-0.015441	0.025548	0.006160
	-0.021401	-0.001542	0.006068	-0.033992	-0.021919	0.005931
	-0.021940	-0.005523	0.005068	-0.001186	0.011293	0.000358
	0.012026	0.001476	-0.011394	0.019599	-0.000394	0.019187
	-0.022543	0.027229	-0.006158	-0.013019	-0.021072	0.001548
	0.010849					
z227	-0.028045	-0.045116	0.005726	0.015629	0.008362	0.015327
	0.034559	-0.018940	-0.004668	0.007754	-0.029128	0.007262
	0.003880	-0.027807	-0.003291	-0.005801	0.004755	0.015351
	-0.013085	-0.002195	0.023968	0.025466	0.018013	0.040396
	0.017671	0.014902	-0.032740	0.007100	-0.005587	-0.009037
	-0.013130					
x228	0.020756	-0.018667	-0.023346	0.011764	0.001661	-0.031864
	0.007297	0.008650	0.009879	-0.026793	0.033822	-0.033021
	0.002980	-0.001687	-0.006788	0.000220	0.022397	0.022035
	0.007112	0.008433	-0.021399	0.014540	-0.013574	-0.000659
	0.022173	-0.013951	-0.000946	-0.003072	0.005722	0.006430
	0.013755					

y228	0.029134	-0.013988	0.010669	-0.015170	0.024627	0.007203
	-0.021027	-0.001436	0.005982	-0.034621	-0.021100	0.006364
	-0.022806	-0.007312	0.005899	-0.000984	0.012237	0.002523
	0.014154	-0.000843	-0.013122	0.020956	0.001166	0.019956
	-0.023628	0.024951	-0.002454	-0.011747	-0.018421	0.007072
	0.013575					
z228	-0.027895	-0.044758	0.004601	0.015093	0.007944	0.015687
	0.034475	-0.017451	-0.002641	0.005425	-0.027979	0.006001
	0.004890	-0.028844	-0.003387	-0.008361	0.006317	0.015377
	-0.014930	-0.002598	0.027137	0.023202	0.017355	0.039860
	0.017571	0.011369	-0.032968	0.006530	-0.009788	-0.010527
	-0.015996					
x229	0.022541	-0.017631	-0.023076	0.009572	0.000152	-0.031747
	0.006455	0.009203	0.010800	-0.030401	0.031816	-0.028187
	0.004729	-0.005415	-0.010361	0.000083	0.023687	0.020049
	0.006610	0.009046	-0.022266	0.013163	-0.006263	0.000102
	0.022575	-0.011072	0.002063	-0.003894	0.000995	0.004004
	0.019275					
y229	0.027275	-0.014536	0.010730	-0.016865	0.023285	0.008225
	-0.020728	-0.002100	0.005487	-0.035121	-0.022676	0.008197
	-0.023248	-0.009563	0.004884	-0.003992	0.011578	0.003610
	0.012667	-0.003302	-0.014782	0.020341	0.005151	0.022794
	-0.022655	0.025539	0.003855	-0.012686	-0.023125	0.002325
	0.018603					
z229	-0.028248	-0.044791	0.004361	0.013463	0.007155	0.015535
	0.033990	-0.017891	0.000196	0.003365	-0.026131	0.004872
	0.004346	-0.032535	-0.002371	-0.010184	0.005569	0.016800
	-0.016235	-0.002699	0.029731	0.019438	0.016887	0.038734
	0.014776	0.008104	-0.030654	0.009028	-0.013105	-0.014259
	-0.019988					
x230	0.024307	-0.016112	-0.022664	0.007945	-0.001036	-0.030312
	0.007016	0.008667	0.011444	-0.034598	0.030888	-0.024745
	0.003621	-0.010061	-0.014218	0.002313	0.024128	0.014705
	0.006583	0.007000	-0.021468	0.013941	-0.001734	0.001874
	0.023025	-0.007251	0.006394	0.000914	-0.001247	0.002064
	0.022078					
y230	0.025394	-0.014668	0.010730	-0.017923	0.022128	0.010420
	-0.018900	-0.003185	0.005180	-0.035332	-0.022171	0.007439
	-0.025057	-0.011559	0.005220	-0.003622	0.010835	0.003780
	0.010926	-0.007012	-0.013082	0.021062	0.004322	0.023465
	-0.020378	0.027764	0.007644	-0.009614	-0.024435	0.000436
	0.020441					

z230	-0.028816	-0.045070	0.004488	0.012099	0.006448	0.016350
	0.034484	-0.019176	0.001898	0.002596	-0.022422	0.001192
	0.004922	-0.033598	0.000745	-0.011265	0.005124	0.018049
	-0.016543	-0.004696	0.031255	0.015571	0.013785	0.037439
	0.012307	0.006356	-0.028554	0.013684	-0.016909	-0.017142
	-0.025424					
x231	0.025296	-0.014301	-0.022014	0.007095	-0.001921	-0.029045
	0.005823	0.008335	0.012882	-0.036701	0.031128	-0.022316
	0.005619	-0.013399	-0.016618	0.004568	0.018749	0.011592
	0.009300	0.006746	-0.021001	0.013721	0.004483	0.004013
	0.021476	-0.002435	0.006846	0.003262	0.001152	0.001536
	0.022591					
y231	0.023043	-0.014479	0.010450	-0.018700	0.021120	0.012680
	-0.018089	-0.003395	0.005302	-0.033734	-0.020638	0.006211
	-0.024581	-0.012302	0.007368	-0.002211	0.005413	0.005794
	0.012274	-0.009263	-0.010767	0.020752	0.005550	0.025480
	-0.019625	0.033325	0.006433	-0.007559	-0.022106	-0.000616
	0.022169					
z231	-0.028871	-0.045315	0.003179	0.010801	0.005307	0.017588
	0.034234	-0.018413	0.003301	0.001454	-0.019239	-0.004638
	0.005545	-0.032377	0.003739	-0.011480	0.006140	0.020236
	-0.014968	-0.004006	0.032620	0.012032	0.011691	0.037690
	0.014975	0.005257	-0.028723	0.016694	-0.018832	-0.015379
	-0.026236					
x232	0.026617	-0.013547	-0.020690	0.005394	-0.002592	-0.028280
	0.005883	0.007176	0.014700	-0.037783	0.029055	-0.018962
	0.006622	-0.015998	-0.018128	0.007484	0.017747	0.008950
	0.009913	0.008116	-0.020662	0.015485	0.009988	0.004180
	0.024591	-0.002434	0.012277	0.006204	-0.000143	-0.001485
	0.023981					
y232	0.020931	-0.014980	0.010433	-0.019479	0.020364	0.014480
	-0.016849	-0.004103	0.006031	-0.031521	-0.021278	0.005469
	-0.024169	-0.012667	0.009574	-0.001669	0.004427	0.008104
	0.010874	-0.011308	-0.009013	0.023150	0.006227	0.025940
	-0.016022	0.033293	0.011042	-0.006865	-0.022476	-0.004449
	0.023695					
z232	-0.028559	-0.045481	0.001774	0.009202	0.003922	0.018751
	0.033510	-0.018398	0.004498	-0.000539	-0.016684	-0.010024
	0.007014	-0.032347	0.005981	-0.012072	0.006855	0.020915
	-0.014355	-0.003276	0.031938	0.006830	0.011661	0.037750
	0.015252	0.004114	-0.029524	0.018108	-0.018843	-0.013758
	-0.028515					

x233	0.027904	-0.012143	-0.020039	0.003744	-0.002952	-0.027254
	0.005522	0.007307	0.015658	-0.041096	0.026836	-0.015578
	0.008029	-0.019964	-0.021899	0.008564	0.020018	0.005085
	0.007972	0.010419	-0.021010	0.014196	0.013475	0.002676
	0.023592	-0.003337	0.012630	0.005696	-0.000378	0.000909
	0.023443					
y233	0.018781	-0.014995	0.010138	-0.019475	0.019928	0.016450
	-0.015147	-0.003958	0.005477	-0.030782	-0.021515	0.005413
	-0.024521	-0.013035	0.009745	-0.002289	0.004832	0.008881
	0.007329	-0.012696	-0.008607	0.024482	0.004153	0.023126
	-0.016178	0.032306	0.012379	-0.007034	-0.022211	-0.003349
	0.023953					
z233	-0.027937	-0.045236	0.000786	0.008412	0.002120	0.019717
	0.033292	-0.017744	0.005332	-0.001758	-0.014527	-0.012022
	0.007159	-0.031319	0.006868	-0.011794	0.006544	0.020562
	-0.015627	-0.003092	0.032205	0.005559	0.011791	0.034064
	0.016535	0.002721	-0.028821	0.019735	-0.021518	-0.011831
	-0.030084					
x234	0.029400	-0.010740	-0.020392	0.003494	-0.003853	-0.027318
	0.005056	0.007456	0.016384	-0.045573	0.026224	-0.015354
	0.007345	-0.022718	-0.024857	0.011228	0.018424	0.002404
	0.011501	0.013017	-0.020372	0.013810	0.016159	0.002154
	0.025392	-0.002538	0.011293	0.008197	0.003850	0.003440
	0.026738					
y234	0.016800	-0.014981	0.009307	-0.019125	0.019180	0.017406
	-0.013795	-0.003636	0.005284	-0.030390	-0.020566	0.003812
	-0.025378	-0.012260	0.010508	-0.001417	0.003028	0.010990
	0.006891	-0.012515	-0.007288	0.025892	0.001388	0.020042
	-0.014819	0.034531	0.010734	-0.007394	-0.020044	-0.002365
	0.026362					
z234	-0.027507	-0.045276	0.000186	0.007921	0.000068	0.020206
	0.032433	-0.017720	0.006545	-0.002534	-0.011596	-0.014120
	0.007951	-0.028502	0.006589	-0.011821	0.004588	0.021126
	-0.018143	-0.000600	0.031150	0.005829	0.011600	0.028558
	0.015498	0.005073	-0.028118	0.017018	-0.024028	-0.012747
	-0.031526					
x235	0.030356	-0.010312	-0.018647	0.002088	-0.006082	-0.026299
	0.005423	0.005112	0.018073	-0.047683	0.026834	-0.014518
	0.008105	-0.025410	-0.030211	0.011302	0.019957	-0.000578
	0.013537	0.015263	-0.020282	0.015963	0.019127	0.000059
	0.024773	-0.007576	0.011648	0.009818	0.002267	0.007062
	0.020540					

y235	0.014694	-0.015908	0.009611	-0.018988	0.017359	0.018786
	-0.012578	-0.004530	0.006106	-0.028636	-0.019190	0.001595
	-0.025736	-0.011367	0.009483	-0.001449	0.003250	0.013136
	0.005036	-0.012082	-0.007442	0.027514	-0.000309	0.016300
	-0.013049	0.031508	0.010468	-0.007104	-0.020307	-0.000867
	0.023448					
z235	-0.026898	-0.045697	-0.000603	0.007844	-0.002235	0.020397
	0.030793	-0.017348	0.007745	-0.003070	-0.009088	-0.016891
	0.008040	-0.025812	0.005821	-0.012045	0.003340	0.020992
	-0.020641	0.002768	0.028693	0.004123	0.011845	0.023102
	0.015084	0.005852	-0.027548	0.014338	-0.022583	-0.010993
	-0.026486					
x236	0.031483	-0.009276	-0.018822	0.000919	-0.006494	-0.026254
	0.004834	0.003779	0.017341	-0.050734	0.025648	-0.012833
	0.009752	-0.027231	-0.030163	0.013632	0.016022	-0.001974
	0.018007	0.015404	-0.018521	0.016415	0.025782	0.000079
	0.022671	-0.006606	0.012652	0.012374	-0.002504	0.004144
	0.026545					
y236	0.012523	-0.015823	0.008863	-0.019294	0.016972	0.019620
	-0.011394	-0.005012	0.005521	-0.027870	-0.018795	0.001365
	-0.025650	-0.010806	0.011218	-0.000820	-0.001010	0.014536
	0.005174	-0.014112	-0.005619	0.028885	-0.000306	0.014139
	-0.012129	0.033099	0.011021	-0.006109	-0.022764	-0.004539
	0.027303					
z236	-0.026463	-0.044794	-0.001367	0.006683	-0.003161	0.020547
	0.030215	-0.016184	0.008602	-0.005261	-0.006063	-0.016556
	0.007334	-0.024128	0.005412	-0.011785	0.000663	0.018950
	-0.021884	0.003715	0.026564	0.004846	0.011235	0.021872
	0.015961	0.006828	-0.025018	0.011316	-0.021550	-0.013714
	-0.027753					
x237	0.032628	-0.007784	-0.018455	-0.000441	-0.005993	-0.025141
	0.005728	0.002789	0.016034	-0.052556	0.024732	-0.009466
	0.009566	-0.028861	-0.033544	0.015781	0.019266	-0.001626
	0.020233	0.013547	-0.018936	0.015271	0.027066	0.003170
	0.021471	-0.001341	0.015284	0.013286	-0.003348	0.000789
	0.029191					
y237	0.010240	-0.015654	0.008474	-0.019278	0.016692	0.020740
	-0.009692	-0.005754	0.004970	-0.026310	-0.018599	0.000595
	-0.026570	-0.010231	0.010964	-0.000142	-0.001905	0.017735
	0.003767	-0.016125	-0.005077	0.029810	-0.002539	0.012997
	-0.011630	0.034984	0.011147	-0.005850	-0.022399	-0.006270
	0.030091					

z237	-0.026037	-0.042999	-0.002501	0.005998	-0.004011	0.020371
	0.030092	-0.014957	0.008654	-0.008520	-0.003111	-0.015499
	0.005556	-0.022616	0.004867	-0.011582	-0.002283	0.016736
	-0.023941	0.003722	0.024659	0.008847	0.009658	0.020310
	0.013828	0.007318	-0.021954	0.008472	-0.021821	-0.014482
	-0.027419					
x238	0.033361	-0.006875	-0.017972	-0.001389	-0.005569	-0.024728
	0.006680	0.001630	0.015249	-0.054080	0.027174	-0.006633
	0.011623	-0.030815	-0.033118	0.017907	0.015414	-0.003968
	0.021692	0.013911	-0.021812	0.016659	0.031280	0.003982
	0.016006	-0.002544	0.021376	0.015608	-0.001700	0.002529
	0.020560					
y238	0.008054	-0.016002	0.008189	-0.018709	0.016689	0.021561
	-0.008429	-0.006186	0.004610	-0.024531	-0.017002	0.000051
	-0.025740	-0.009338	0.012668	0.000337	-0.004445	0.018710
	0.002023	-0.016889	-0.005392	0.030490	-0.002804	0.010231
	-0.011117	0.033495	0.012088	-0.005992	-0.019715	-0.006411
	0.027810					
z238	-0.024994	-0.042323	-0.003064	0.006641	-0.004171	0.020515
	0.029353	-0.013685	0.008998	-0.010391	-0.000181	-0.017045
	0.007406	-0.017853	0.006441	-0.010901	-0.000890	0.015667
	-0.024448	0.006434	0.023678	0.009595	0.008418	0.015856
	0.017385	0.004477	-0.022445	0.004531	-0.019183	-0.013594
	-0.022532					
x239	0.034278	-0.003626	-0.017049	-0.002397	-0.004303	-0.023656
	0.007490	0.001694	0.013931	-0.054538	0.026809	-0.001259
	0.012791	-0.031083	-0.030250	0.021219	0.011303	0.004574
	0.022616	0.014845	-0.022147	0.018855	0.027010	0.004782
	0.016428	0.001517	0.021222	0.017455	-0.002956	0.007642
	0.017094					
y239	0.005489	-0.016038	0.007987	-0.018229	0.016605	0.023002
	-0.007226	-0.006181	0.004028	-0.021130	-0.015811	-0.000516
	-0.024682	-0.006802	0.014326	0.001284	-0.006509	0.020492
	0.001756	-0.017724	-0.004811	0.029915	-0.004197	0.006029
	-0.008167	0.032010	0.011290	-0.005553	-0.020556	-0.007259
	0.026407					
z239	-0.024145	-0.040999	-0.003464	0.006197	-0.004655	0.020554
	0.027403	-0.012340	0.009654	-0.012682	0.002632	-0.017981
	0.007800	-0.013741	0.007380	-0.010220	-0.000894	0.012551
	-0.025816	0.008734	0.021341	0.006729	0.009608	0.012318
	0.017801	0.000725	-0.020414	0.003528	-0.020039	-0.012431
	-0.019218					

x240	0.035055	-0.001565	-0.015780	-0.004177	-0.003727	-0.023579
	0.008440	-0.000438	0.012763	-0.056717	0.022946	0.004808
	0.009496	-0.035764	-0.031095	0.022925	0.009634	0.007445
	0.017369	0.017676	-0.022262	0.018383	0.032023	0.009137
	0.008420	0.005420	0.023158	0.020636	-0.007187	0.001975
	0.021959					
y240	0.002837	-0.016310	0.007890	-0.017912	0.016196	0.024239
	-0.006120	-0.006942	0.003621	-0.018415	-0.015118	-0.001224
	-0.025413	-0.005625	0.013808	0.000746	-0.008032	0.020666
	0.000908	-0.019119	-0.003476	0.030398	-0.003866	0.003354
	-0.007804	0.031439	0.011606	-0.004888	-0.023381	-0.010730
	0.029009					
z240	-0.023365	-0.039494	-0.004108	0.005668	-0.005824	0.021031
	0.025381	-0.010698	0.009774	-0.015018	0.005829	-0.019766
	0.007777	-0.009804	0.006723	-0.010454	-0.001001	0.011357
	-0.024378	0.009588	0.019762	0.007844	0.009494	0.009108
	0.018132	-0.001014	-0.019340	0.001431	-0.021217	-0.008973
	-0.017100					
x241	0.035871	0.000037	-0.014757	-0.004678	-0.003848	-0.022928
	0.009578	-0.001338	0.009847	-0.056935	0.019803	0.009745
	0.008280	-0.036330	-0.032572	0.026132	0.009387	0.008520
	0.012448	0.019722	-0.019511	0.020625	0.033776	0.003313
	0.000748	0.011518	0.024080	0.019302	-0.004954	0.004755
	0.030313					
y241	0.000271	-0.016156	0.007720	-0.017444	0.015965	0.025549
	-0.005137	-0.007455	0.003084	-0.015551	-0.014153	-0.002490
	-0.025661	-0.004217	0.013872	0.000924	-0.008864	0.021782
	0.000240	-0.020692	-0.002039	0.031452	-0.005393	0.001133
	-0.006326	0.030637	0.011643	-0.003887	-0.024555	-0.010719
	0.031438					
z241	-0.022424	-0.037847	-0.004556	0.005523	-0.007250	0.021062
	0.023641	-0.009387	0.010027	-0.017035	0.008767	-0.021241
	0.007781	-0.006237	0.005410	-0.010082	-0.000022	0.009765
	-0.024328	0.010551	0.018527	0.010547	0.008236	0.004754
	0.018216	-0.002008	-0.017056	0.000135	-0.022746	-0.006253
	-0.015209					
x242	0.036796	0.003035	-0.014182	-0.004343	-0.005370	-0.020827
	0.011358	-0.001607	0.010028	-0.058007	0.022926	0.008776
	0.008694	-0.034075	-0.030711	0.027902	0.011983	0.015754
	0.013562	0.025574	-0.018338	0.022685	0.023661	-0.002129
	0.007501	0.011627	0.020439	0.020571	-0.000230	0.012340
	0.022490					

y242	-0.002499	-0.016260	0.007599	-0.017077	0.015403	0.026566
	-0.004360	-0.008611	0.002280	-0.012766	-0.013984	-0.002958
	-0.026963	-0.003494	0.012752	0.000244	-0.010574	0.021967
	-0.001758	-0.021719	-0.001771	0.031841	-0.005765	-0.002258
	-0.005959	0.030910	0.012076	-0.002472	-0.027250	-0.014974
	0.032854					
z242	-0.021665	-0.036527	-0.004888	0.005094	-0.008790	0.020841
	0.021015	-0.008608	0.009967	-0.018594	0.010930	-0.022759
	0.007462	-0.002838	0.003867	-0.009612	-0.000979	0.007118
	-0.023712	0.010939	0.015753	0.012096	0.008163	0.001152
	0.016244	-0.002139	-0.014120	-0.000291	-0.022800	-0.006354
	-0.011796					
x243	0.037978	0.005916	-0.012507	-0.004743	-0.003710	-0.019446
	0.011510	-0.004011	0.010514	-0.058411	0.023775	0.008006
	0.009983	-0.033473	-0.029571	0.029821	0.016991	0.018092
	0.014895	0.026709	-0.015872	0.021998	0.017914	0.003840
	0.009095	0.015836	0.022970	0.022817	0.004261	0.007643
	0.015726					
y243	-0.004958	-0.015961	0.007463	-0.016291	0.014963	0.027748
	-0.003268	-0.009121	0.001706	-0.009517	-0.012698	-0.004935
	-0.026674	-0.002669	0.012595	0.000497	-0.010483	0.022693
	-0.002369	-0.022056	-0.000227	0.031900	-0.008375	-0.003546
	-0.002581	0.030821	0.011407	-0.000717	-0.026177	-0.014485
	0.031635					
z243	-0.020945	-0.035050	-0.005126	0.004676	-0.010023	0.020730
	0.019114	-0.007552	0.009311	-0.019730	0.013494	-0.022870
	0.006980	-0.001185	0.001027	-0.009260	-0.001823	0.003624
	-0.022245	0.010592	0.013600	0.012304	0.008509	0.000864
	0.015182	-0.000619	-0.011122	-0.000291	-0.020869	-0.007879
	-0.012211					
x244	0.037286	0.008030	-0.011081	-0.006374	-0.003288	-0.017946
	0.011193	-0.007050	0.008126	-0.059178	0.018996	0.014135
	0.008767	-0.035323	-0.031967	0.030857	0.013892	0.012604
	0.013810	0.024922	-0.020036	0.020053	0.026348	0.006913
	-0.000390	0.017981	0.023679	0.013557	-0.005199	-0.000969
	0.017309					
y244	-0.007430	-0.015838	0.007389	-0.015636	0.014397	0.029033
	-0.002488	-0.009464	0.001474	-0.006433	-0.010778	-0.007521
	-0.025976	-0.001566	0.012115	0.000963	-0.010669	0.024274
	-0.002982	-0.021667	0.001350	0.031346	-0.011806	-0.004717
	0.002390	0.030644	0.010885	0.002696	-0.025029	-0.010479
	0.029985					

z244	-0.020027	-0.032244	-0.005104	0.003667	-0.011014	0.020702
	0.017755	-0.005533	0.009301	-0.022222	0.016938	-0.022361
	0.006975	0.001078	-0.000678	-0.007114	-0.000641	0.001031
	-0.020565	0.009688	0.012763	0.014265	0.004286	0.001809
	0.018264	0.000106	-0.006359	0.001071	-0.020637	-0.002461
	-0.013220					
x245	0.036763	0.008913	-0.009345	-0.007655	-0.003517	-0.017039
	0.010260	-0.007823	0.004949	-0.060600	0.017866	0.017487
	0.006641	-0.036398	-0.030278	0.029510	0.009193	0.014327
	0.015150	0.028688	-0.020240	0.021438	0.029077	0.007791
	-0.001103	0.012999	0.024790	0.018575	-0.009637	0.002299
	0.014340					
y245	-0.010192	-0.014849	0.007228	-0.015042	0.014352	0.030671
	-0.001520	-0.009727	0.001866	-0.003064	-0.009143	-0.010410
	-0.024848	-0.000191	0.012206	0.002941	-0.010141	0.025173
	-0.002321	-0.022415	0.002392	0.029787	-0.015460	-0.006486
	0.007412	0.031421	0.011267	0.001003	-0.023475	-0.006824
	0.028542					
z245	-0.019250	-0.029998	-0.004622	0.002377	-0.012498	0.020240
	0.014824	-0.004586	0.009793	-0.024780	0.019093	-0.022855
	0.006118	0.002821	-0.002278	-0.004878	-0.002674	0.000882
	-0.019502	0.010661	0.010389	0.015324	0.002011	0.002345
	0.019680	0.001296	-0.002021	0.002458	-0.019853	0.002712
	-0.011563					
x246	0.036620	0.011467	-0.008026	-0.008275	-0.002847	-0.014783
	0.009997	-0.008801	0.005092	-0.061513	0.017228	0.014894
	0.005271	-0.032878	-0.023712	0.029003	0.009872	0.017808
	0.017399	0.027742	-0.020339	0.021994	0.022744	0.006137
	0.003708	0.010131	0.024032	0.021923	-0.006844	0.005846
	0.010053					
y246	-0.013322	-0.014643	0.007110	-0.014770	0.014200	0.031790
	-0.000843	-0.010176	0.000824	0.000815	-0.008153	-0.010945
	-0.024665	-0.001099	0.010272	0.003799	-0.012042	0.022863
	-0.001151	-0.023656	0.003275	0.026459	-0.015197	-0.007423
	0.008401	0.031177	0.012629	0.001882	-0.025313	-0.007865
	0.027992					
z246	-0.018761	-0.027769	-0.004471	0.000943	-0.013640	0.019884
	0.011571	-0.004074	0.009814	-0.025976	0.020919	-0.022956
	0.004814	0.003547	-0.004555	-0.002573	-0.005651	-0.000564
	-0.017446	0.009307	0.008670	0.015274	-0.000811	0.003254
	0.019012	0.002929	0.002324	0.005669	-0.019256	0.004047
	-0.011034					

x247	0.035432	0.013308	-0.006408	-0.009088	-0.000507	-0.012753
	0.008012	-0.011336	0.002694	-0.059738	0.018165	0.017153
	0.005731	-0.032183	-0.022214	0.024721	0.008465	0.016107
	0.016301	0.023136	-0.019220	0.026307	0.022333	0.006018
	0.002684	0.009132	0.025383	0.015160	-0.015425	0.004417
	0.014170					
y247	-0.016205	-0.014265	0.007172	-0.014100	0.013822	0.033483
	0.000004	-0.009265	0.000535	0.003764	-0.007772	-0.014445
	-0.022254	-0.001403	0.011834	0.006889	-0.012178	0.020688
	0.002732	-0.023439	0.004140	0.018706	-0.016623	-0.009526
	0.011563	0.029226	0.011972	0.005235	-0.020126	-0.004246
	0.023112					
z247	-0.018534	-0.025054	-0.003465	-0.000396	-0.013474	0.019808
	0.008574	-0.002057	0.008315	-0.027649	0.022337	-0.021120
	0.005957	0.003230	-0.005622	-0.000930	-0.007882	-0.006641
	-0.014283	0.004129	0.008938	0.014942	-0.003079	0.004698
	0.017331	0.004939	0.005761	0.008916	-0.018079	0.006292
	-0.010462					
x248	0.033855	0.013861	-0.005409	-0.009310	0.000630	-0.011271
	0.008139	-0.013412	-0.000638	-0.059797	0.018347	0.014091
	0.005941	-0.030500	-0.018193	0.024407	0.003221	0.015145
	0.015824	0.023370	-0.015278	0.024227	0.023297	0.006971
	0.001715	0.004646	0.022444	0.010942	-0.017987	0.007095
	0.010870					
y248	-0.018694	-0.013291	0.006782	-0.012814	0.013681	0.035412
	0.000249	-0.009077	-0.001138	0.007604	-0.009169	-0.014768
	-0.019449	-0.003383	0.011200	0.007183	-0.010304	0.019076
	0.002818	-0.022685	0.005246	0.014706	-0.017430	-0.014248
	0.012502	0.028828	0.010893	0.006891	-0.016456	-0.002881
	0.020947					
z248	-0.017620	-0.022764	-0.003410	-0.001496	-0.014822	0.018771
	0.004645	-0.001181	0.005611	-0.029815	0.020370	-0.021468
	0.007872	0.001810	-0.006746	0.001319	-0.011458	-0.007210
	-0.017218	0.004937	0.010408	0.014276	-0.004627	0.002307
	0.012304	0.005035	0.003095	0.011085	-0.013437	0.011385
	-0.010170					
x249	0.032543	0.014782	-0.004400	-0.011145	0.001198	-0.007731
	0.008192	-0.013773	-0.000651	-0.059036	0.019289	0.009268
	0.005889	-0.025579	-0.012250	0.025996	0.001069	0.014467
	0.017074	0.023004	-0.009579	0.020238	0.026001	0.001634
	0.008784	-0.001287	0.025790	0.008053	-0.019814	0.008391
	0.007009					

y249	-0.021302	-0.012620	0.006149	-0.011102	0.013804	0.035740
	0.000761	-0.009909	-0.003379	0.011380	-0.009830	-0.012174
	-0.018827	-0.004695	0.008792	0.007315	-0.011700	0.017231
	0.003248	-0.021911	0.004231	0.014457	-0.017811	-0.016993
	0.010039	0.027133	0.009599	0.007795	-0.018777	-0.003275
	0.022940					
z249	-0.016408	-0.019790	-0.003699	-0.003395	-0.015668	0.018427
	0.001453	-0.000064	0.005632	-0.030818	0.020456	-0.019236
	0.007286	0.003678	-0.008250	0.004887	-0.014713	-0.005917
	-0.018046	0.006766	0.011457	0.016544	-0.004582	-0.003334
	0.011394	0.004368	0.005266	0.013165	-0.011077	0.015718
	-0.008379					
x250	0.030737	0.015692	-0.003721	-0.011743	0.003314	-0.005279
	0.007701	-0.015511	-0.002046	-0.059901	0.019086	0.007392
	0.004837	-0.023277	-0.007986	0.021771	-0.004032	0.012267
	0.018746	0.015962	-0.005619	0.015835	0.030518	0.006347
	0.008641	-0.005482	0.025369	0.003173	-0.023590	0.001085
	0.006125					
y250	-0.023281	-0.012345	0.005297	-0.008802	0.013710	0.037160
	0.002849	-0.009859	-0.004813	0.016152	-0.008316	-0.013471
	-0.016827	-0.003273	0.008788	0.010596	-0.008653	0.016517
	0.005510	-0.016920	0.003950	0.013714	-0.019858	-0.021924
	0.011112	0.025059	0.009648	0.008113	-0.016229	0.002289
	0.020217					
z250	-0.015589	-0.015974	-0.004739	-0.003687	-0.014496	0.017781
	-0.001063	0.000467	0.004296	-0.033087	0.020463	-0.015828
	0.005239	0.005213	-0.008828	0.005246	-0.018311	-0.002319
	-0.019143	0.003129	0.010762	0.022391	-0.009147	-0.000156
	0.005283	0.004588	0.005294	0.016053	-0.009833	0.019318
	-0.004695					
x251	0.028425	0.015930	-0.002236	-0.011196	0.003899	-0.001465
	0.009553	-0.016406	-0.003183	-0.060480	0.022034	0.004646
	0.003269	-0.020595	-0.003534	0.017089	-0.005104	0.009640
	0.016725	0.012361	-0.003795	0.013005	0.032668	0.009166
	0.005835	-0.003946	0.025005	-0.002886	-0.026948	-0.008922
	0.004796					
y251	-0.025147	-0.011604	0.003917	-0.006109	0.015178	0.037583
	0.004266	-0.010109	-0.006580	0.019891	-0.007868	-0.014034
	-0.014446	-0.001159	0.008273	0.012948	-0.008958	0.015715
	0.009580	-0.013248	0.004621	0.012103	-0.021895	-0.025746
	0.014179	0.024419	0.008411	0.007875	-0.011774	0.007516
	0.018690					

z251	-0.015012	-0.012904	-0.004927	-0.003464	-0.013927	0.017281
	-0.002395	0.001702	0.003942	-0.035135	0.022746	-0.013737
	0.004337	0.007232	-0.008953	0.004717	-0.020086	-0.000336
	-0.019418	0.001974	0.008407	0.025727	-0.013327	0.003385
	0.000685	0.009472	0.003883	0.017339	-0.006514	0.019438
	-0.001108					
x252	0.026666	0.015869	-0.000586	-0.010736	0.005655	0.002404
	0.011602	-0.016001	-0.006083	-0.060748	0.025291	0.001261
	0.002562	-0.014242	0.003808	0.016203	-0.005266	0.008441
	0.016132	0.009726	-0.001401	0.010628	0.030953	0.004268
	0.008380	-0.008777	0.021713	-0.011004	-0.021205	-0.008264
	0.000223					
y252	-0.027474	-0.011170	0.002950	-0.003599	0.015207	0.037339
	0.005203	-0.011286	-0.007108	0.023754	-0.009680	-0.011518
	-0.013307	-0.003145	0.004987	0.012003	-0.010187	0.011416
	0.009458	-0.010451	0.003525	0.009654	-0.016477	-0.024564
	0.013105	0.026282	0.010722	0.009574	-0.016267	-0.001949
	0.020510					
z252	-0.014340	-0.010444	-0.003736	-0.003353	-0.012692	0.016628
	-0.005099	0.002832	0.003631	-0.035067	0.023808	-0.010420
	0.004174	0.011119	-0.009641	0.006240	-0.022889	0.001327
	-0.020292	0.000221	0.003640	0.027224	-0.016122	0.003047
	0.002321	0.009057	0.003337	0.018335	0.001610	0.017737
	-0.000777					
x253	0.024434	0.016836	0.000207	-0.010057	0.006305	0.006592
	0.013409	-0.016679	-0.007516	-0.060356	0.027141	-0.002391
	0.001462	-0.011026	0.008194	0.017849	-0.009656	0.005702
	0.017864	0.008026	0.003771	0.005193	0.033790	0.002466
	0.011226	-0.010594	0.025139	-0.020212	-0.025627	-0.012067
	-0.009118					
y253	-0.029116	-0.011809	0.002565	-0.001170	0.016543	0.036835
	0.007015	-0.010341	-0.009073	0.026920	-0.007610	-0.010521
	-0.009685	-0.000678	0.005647	0.010844	-0.007052	0.010460
	0.009636	-0.007729	0.004254	0.010395	-0.018035	-0.024101
	0.015558	0.024217	0.004093	0.014585	-0.012347	-0.000413
	0.024330					
z253	-0.013522	-0.007376	-0.003576	-0.003237	-0.011933	0.016103
	-0.007349	0.003057	0.004307	-0.032850	0.024743	-0.007666
	0.003287	0.013225	-0.010746	0.011675	-0.028163	0.003839
	-0.017486	0.000651	0.001242	0.026778	-0.015296	0.004302
	0.003593	0.009059	0.005419	0.015827	0.000526	0.017195
	-0.001476					

x254	0.022088	0.017844	0.000153	-0.008560	0.006510	0.010990
	0.016437	-0.017256	-0.008795	-0.060549	0.028996	-0.007426
	0.004129	-0.008691	0.015652	0.016134	-0.012715	0.002462
	0.018912	0.002600	0.014821	-0.003354	0.032548	0.001243
	0.018942	-0.009360	0.030299	-0.026800	-0.023861	-0.019258
	-0.018775					
y254	-0.030385	-0.013016	0.002576	0.000643	0.018278	0.036326
	0.010060	-0.009388	-0.012858	0.029178	-0.005774	-0.008635
	-0.009998	0.003235	0.007041	0.012777	-0.004117	0.009789
	0.009160	-0.000808	-0.001789	0.011758	-0.011978	-0.022990
	0.011768	0.021691	-0.003498	0.012099	-0.013700	-0.000283
	0.027884					
z254	-0.012644	-0.004601	-0.004151	-0.002607	-0.011840	0.016060
	-0.008456	0.002470	0.004548	-0.033280	0.024814	-0.006226
	0.005194	0.013669	-0.012333	0.011532	-0.030758	0.004318
	-0.012902	-0.003045	0.001642	0.025564	-0.013300	0.007740
	0.005172	0.011195	0.002669	0.016670	0.004597	0.012774
	-0.004076					
x255	0.019484	0.016398	0.000519	-0.008369	0.006814	0.014973
	0.020525	-0.017142	-0.013129	-0.061037	0.030607	-0.009798
	0.003589	-0.007587	0.023514	0.016654	-0.013680	-0.001399
	0.016765	0.000588	0.020165	-0.009875	0.033649	-0.001531
	0.020200	-0.007673	0.035504	-0.040785	-0.027190	-0.028548
	-0.023038					
y255	-0.031256	-0.010805	0.002027	0.003939	0.019448	0.035302
	0.011768	-0.008507	-0.012172	0.028212	-0.002479	-0.011315
	-0.004720	0.008963	0.006513	0.012027	-0.002353	0.008680
	0.012685	0.002251	0.001761	0.010923	-0.009365	-0.022111
	0.018768	0.019900	-0.012048	0.018406	-0.009307	0.002790
	0.028091					
z255	-0.012035	-0.002781	-0.003979	-0.002986	-0.011984	0.016741
	-0.009254	0.004617	0.003524	-0.032872	0.026541	-0.005685
	0.007264	0.015246	-0.011790	0.012729	-0.030052	0.004111
	-0.008351	-0.006133	-0.000715	0.024943	-0.012109	0.008606
	0.007802	0.012078	-0.001803	0.011091	0.007693	0.007310
	-0.003790					
x256	0.017077	0.014543	0.000025	-0.009311	0.009119	0.018385
	0.026721	-0.016978	-0.019220	-0.060717	0.033149	-0.014595
	0.004980	-0.004236	0.036397	0.018049	-0.012876	-0.001013
	0.016287	0.003957	0.024468	-0.016449	0.036620	0.001024
	0.022720	-0.010041	0.040901	-0.050491	-0.033971	-0.026964
	-0.024272					

y256	-0.031739	-0.009397	0.001868	0.007536	0.019077	0.034006
	0.013253	-0.007522	-0.010989	0.026098	0.000854	-0.011247
	-0.002368	0.013048	0.005029	0.011249	-0.001461	0.005919
	0.014325	0.001729	0.004988	0.009242	-0.009003	-0.021980
	0.023528	0.022180	-0.017045	0.019759	-0.003239	-0.004470
	0.028888					
z256	-0.011664	-0.002732	-0.004153	-0.003352	-0.009700	0.017071
	-0.008686	0.005282	0.002430	-0.028472	0.027515	-0.007149
	0.010803	0.019539	-0.010370	0.012384	-0.026817	0.003823
	0.001789	-0.003904	-0.005525	0.022618	-0.007534	0.014083
	0.013131	0.009322	-0.006210	0.006919	0.004941	0.005576
	-0.001037					
x257	-0.025823	-0.046815	-0.033728	0.003632	-0.000011	0.000664
	0.005831	0.015091	-0.003776	0.001697	0.027957	-0.024151
	0.025264	-0.000334	0.001428	0.021929	-0.028899	0.040357
	0.008930	-0.035545	-0.015594	0.018165	0.000995	-0.037383
	-0.029026	0.050848	-0.057972	0.011959	0.009471	-0.010483
	0.010436					
y257	-0.015376	-0.062013	0.010740	-0.042193	0.021794	0.013230
	-0.042997	-0.018930	-0.099719	0.000490	-0.048734	-0.057864
	0.000114	0.031122	0.025039	0.024106	-0.004502	0.061954
	0.107394	0.009063	-0.133247	-0.035796	-0.015177	0.003321
	-0.019925	-0.066538	-0.028816	-0.000478	0.096728	0.043599
	-0.079526					
z257	-0.002817	-0.006176	0.054291	0.021229	-0.016415	-0.017146
	0.025778	-0.024236	-0.002597	-0.004838	0.032996	0.011200
	-0.049682	-0.049665	-0.021246	-0.072193	0.018818	0.010698
	-0.032847	0.031404	0.027008	-0.055999	-0.018236	0.008328
	-0.013058	-0.017441	-0.022681	-0.039854	-0.067386	-0.020128
	0.008535					
x258	-0.025728	-0.051682	-0.030641	-0.000740	-0.001225	0.000818
	0.000962	0.006644	-0.007177	0.011225	0.020969	-0.034731
	0.022569	0.002595	0.006160	0.027797	-0.032850	0.047377
	0.014178	-0.015648	-0.031566	0.007633	0.005048	-0.022042
	-0.022074	0.026167	-0.059098	0.007876	0.014231	0.002588
	0.010000					
y258	-0.012263	-0.053491	0.010667	-0.035575	0.021858	0.008864
	-0.037220	-0.015417	-0.082075	-0.005870	-0.045641	-0.045939
	0.000327	0.024466	0.022503	0.017440	-0.008967	0.053103
	0.093953	0.003348	-0.111530	-0.033694	-0.009209	-0.000590
	-0.021675	-0.046642	-0.025508	-0.005048	0.085550	0.045265
	-0.064429					

z258	-0.003210	-0.004782	0.053252	0.020249	-0.015120	-0.017813
	0.024611	-0.022752	-0.009175	-0.010297	0.035504	0.007152
	-0.044448	-0.044110	-0.019686	-0.083078	0.023269	0.017501
	-0.025699	0.030909	0.023198	-0.054828	-0.019009	-0.005068
	-0.009819	-0.015327	-0.015463	-0.018723	-0.060582	-0.010765
	0.008377					
x259	-0.027370	-0.052927	-0.029048	-0.002965	0.000271	0.005709
	-0.003837	0.001943	-0.009699	0.019240	0.013180	-0.038403
	0.023092	0.003775	0.014818	0.032804	-0.037151	0.049407
	0.026499	-0.007282	-0.036768	0.004606	0.013807	-0.012352
	-0.015859	0.013622	-0.062727	0.001712	0.022938	0.011788
	0.015661					
y259	-0.009276	-0.045728	0.010571	-0.031017	0.021704	0.003872
	-0.030095	-0.013630	-0.068756	-0.014564	-0.039580	-0.034307
	-0.001726	0.017661	0.014831	0.012133	-0.008490	0.044455
	0.078050	-0.002374	-0.094083	-0.034221	-0.010070	-0.001883
	-0.019643	-0.030993	-0.015459	-0.006354	0.069311	0.040906
	-0.058107					
z259	-0.003348	-0.001455	0.052682	0.020227	-0.014575	-0.020728
	0.024883	-0.019840	-0.013763	-0.016737	0.038213	0.001700
	-0.041630	-0.039911	-0.014175	-0.092353	0.027790	0.021147
	-0.019176	0.030485	0.019794	-0.054676	-0.019477	-0.016753
	-0.003590	-0.014558	-0.009024	-0.005236	-0.057918	-0.006654
	0.006242					
x260	-0.029322	-0.051286	-0.027901	-0.005054	0.001277	0.010879
	-0.007732	-0.000230	-0.010868	0.025221	0.006141	-0.034756
	0.022833	0.007396	0.021347	0.034256	-0.042302	0.044660
	0.039540	-0.004794	-0.034809	0.002052	0.025072	-0.002833
	-0.014649	0.003752	-0.064857	-0.002836	0.031969	0.016330
	0.013486					
y260	-0.007590	-0.039221	0.009941	-0.026412	0.022557	-0.000865
	-0.022871	-0.012144	-0.058115	-0.022713	-0.033926	-0.023851
	-0.001836	0.009793	0.006210	0.009451	-0.007339	0.036729
	0.062985	-0.008919	-0.079134	-0.033847	-0.012298	-0.003060
	-0.016208	-0.014820	-0.008324	-0.007503	0.050346	0.035615
	-0.049181					
z260	-0.002847	0.002943	0.052773	0.020079	-0.014518	-0.024814
	0.025707	-0.016701	-0.017773	-0.023194	0.041124	-0.004129
	-0.040476	-0.035396	-0.009923	-0.099301	0.033121	0.021708
	-0.013501	0.032138	0.016047	-0.055932	-0.021279	-0.025811
	0.005118	-0.014874	-0.001040	0.005796	-0.056116	-0.005357
	0.003116					

x261	-0.030878	-0.049574	-0.027335	-0.005603	0.001106	0.015106
	-0.008310	-0.001226	-0.010499	0.026726	-0.000744	-0.027117
	0.023279	0.010068	0.024893	0.032742	-0.046646	0.040264
	0.048624	-0.003108	-0.032151	-0.001078	0.037967	0.004469
	-0.016382	0.000519	-0.066604	-0.006474	0.035234	0.012641
	0.009593					
y261	-0.007686	-0.033517	0.008719	-0.021815	0.024529	-0.004499
	-0.018081	-0.009263	-0.049022	-0.027048	-0.029949	-0.014667
	-0.000305	0.004846	-0.000403	0.007770	-0.009789	0.026649
	0.051911	-0.019343	-0.063158	-0.032718	-0.015541	-0.005260
	-0.018065	0.000651	-0.007346	-0.009959	0.034499	0.036235
	-0.040447					
z261	-0.002673	0.007678	0.053001	0.019999	-0.013547	-0.028570
	0.025919	-0.012493	-0.022727	-0.026923	0.041075	-0.009927
	-0.038816	-0.028805	-0.007687	-0.102727	0.035037	0.018836
	-0.007555	0.034837	0.012002	-0.057369	-0.021095	-0.035923
	0.010767	-0.013132	0.006521	0.014123	-0.048986	-0.001680
	0.004511					
x262	-0.029947	-0.047024	-0.026156	-0.006514	-0.000753	0.017170
	-0.006752	-0.006348	-0.008694	0.025241	-0.001121	-0.022802
	0.017608	0.007808	0.022192	0.027826	-0.041084	0.039723
	0.046273	0.001736	-0.029509	-0.001858	0.040322	0.010866
	-0.005631	0.000581	-0.059455	-0.007716	0.029113	0.006935
	0.002743					
y262	-0.008985	-0.028960	0.007203	-0.016900	0.026633	-0.007823
	-0.013876	-0.004174	-0.042053	-0.031748	-0.029496	-0.004619
	0.004333	0.003732	-0.005400	0.009735	-0.016681	0.014942
	0.046349	-0.028330	-0.049049	-0.034179	-0.016802	-0.005689
	-0.027606	0.008257	-0.009988	-0.011652	0.021603	0.034002
	-0.030464					
z262	-0.003492	0.011512	0.052697	0.019875	-0.011460	-0.031458
	0.024960	-0.007294	-0.026941	-0.027054	0.038822	-0.015281
	-0.037087	-0.020883	-0.004085	-0.103842	0.033427	0.012456
	-0.001266	0.034003	0.007824	-0.057891	-0.015162	-0.045279
	0.012682	-0.005973	0.009697	0.021248	-0.038718	0.006883
	0.006295					
x263	-0.029520	-0.044248	-0.026552	-0.006708	-0.001379	0.019223
	-0.004772	-0.009724	-0.008646	0.022508	0.000494	-0.016281
	0.015288	0.006037	0.018692	0.023803	-0.033502	0.036165
	0.045120	0.010291	-0.024877	-0.002197	0.039017	0.017787
	-0.000547	0.003950	-0.046733	-0.010231	0.018986	0.010537
	0.000600					

y263	-0.009537	-0.024867	0.007216	-0.012663	0.027090	-0.013941
	-0.009336	-0.001484	-0.035058	-0.035615	-0.030994	0.003127
	0.001590	0.001475	-0.013552	0.006045	-0.027974	0.006142
	0.035887	-0.042013	-0.038445	-0.037253	-0.014452	-0.007628
	-0.032190	0.012018	-0.018581	-0.011914	0.005706	0.022835
	-0.027013					
z263	-0.004968	0.015001	0.052574	0.019530	-0.009964	-0.032601
	0.023600	-0.001716	-0.030683	-0.024610	0.034284	-0.018896
	-0.035732	-0.011538	-0.000825	-0.100093	0.031471	0.003215
	0.005737	0.031735	0.002022	-0.056716	-0.007161	-0.052545
	0.012140	0.001702	0.009807	0.027532	-0.026995	0.013187
	0.002037					
x264	-0.030048	-0.041299	-0.027917	-0.006655	-0.001008	0.020849
	-0.003693	-0.012154	-0.009944	0.018456	-0.000825	-0.009861
	0.013688	0.006919	0.014754	0.016672	-0.031969	0.033804
	0.043611	0.020609	-0.023243	-0.002863	0.037169	0.020148
	0.001517	0.011601	-0.037657	-0.013062	0.008493	0.016360
	0.002351					
y264	-0.008360	-0.021762	0.008006	-0.007345	0.026561	-0.020674
	-0.004763	0.000314	-0.027949	-0.040352	-0.026798	0.011099
	-0.001546	-0.004121	-0.024903	0.004862	-0.030893	-0.004378
	0.028505	-0.058470	-0.022487	-0.037388	-0.013767	-0.004516
	-0.033128	0.009647	-0.022880	-0.009543	-0.008546	0.012112
	-0.034240					
z264	-0.006788	0.018494	0.052600	0.018866	-0.009328	-0.033273
	0.022537	0.002746	-0.033228	-0.020320	0.028757	-0.022285
	-0.035586	-0.003347	0.001072	-0.091615	0.031441	-0.006858
	0.008042	0.029297	-0.005362	-0.054178	0.000361	-0.055152
	0.014988	0.009482	0.008764	0.032938	-0.014195	0.014670
	-0.000450					
x265	-0.031141	-0.037532	-0.029289	-0.005355	-0.002100	0.020619
	-0.003308	-0.013909	-0.010843	0.011211	-0.003963	-0.005091
	0.011774	0.006937	0.008309	0.003953	-0.032069	0.030776
	0.042250	0.028102	-0.021929	-0.004006	0.033085	0.020538
	0.003810	0.021264	-0.033014	-0.012611	0.000103	0.016977
	0.000901					
y265	-0.007721	-0.020137	0.008377	-0.001914	0.026567	-0.026802
	0.001694	0.000152	-0.022768	-0.040768	-0.019610	0.020502
	-0.003195	-0.017849	-0.031600	0.016106	-0.023312	-0.012598
	0.017045	-0.068252	-0.011032	-0.026230	-0.012411	0.003060
	-0.032141	0.002417	-0.018446	-0.015909	-0.027976	-0.003946
	-0.025382					

z265	-0.008358	0.021486	0.052402	0.018193	-0.008665	-0.033809
	0.022034	0.007005	-0.033005	-0.015592	0.023524	-0.023666
	-0.037227	0.006396	0.001131	-0.080755	0.029808	-0.018540
	0.006343	0.025334	-0.010362	-0.052918	0.009477	-0.051431
	0.017608	0.018234	0.011841	0.035501	-0.007313	0.024084
	0.001757					
x266	-0.031007	-0.033532	-0.030903	-0.002916	-0.001855	0.019059
	-0.002268	-0.015759	-0.010301	0.001604	-0.004850	0.001686
	0.006032	0.007037	0.000171	-0.012522	-0.034879	0.029866
	0.036108	0.034477	-0.015543	-0.005728	0.027724	0.024206
	0.008681	0.033937	-0.020710	-0.015619	-0.017787	0.023880
	-0.005362					
y266	-0.004848	-0.019981	0.011108	0.000729	0.024708	-0.030653
	0.007201	0.002778	-0.021103	-0.032906	-0.013040	0.022434
	-0.009629	-0.025047	-0.029568	0.018799	-0.008485	-0.019709
	0.003826	-0.072384	-0.004935	-0.019726	-0.014312	0.007563
	-0.029593	0.006460	-0.009721	-0.021997	-0.036152	-0.015099
	-0.017399					
z266	-0.011882	0.023270	0.051953	0.017212	-0.011642	-0.033964
	0.022526	0.009265	-0.034477	-0.006956	0.018880	-0.022918
	-0.030821	0.007979	0.001467	-0.060791	0.038345	-0.034125
	0.012539	0.009266	-0.013623	-0.044238	0.015301	-0.049239
	0.009285	0.013044	0.007974	0.039049	0.012170	0.004173
	0.008158					
x267	-0.031389	-0.029291	-0.032107	0.000783	-0.001860	0.016771
	-0.001356	-0.016786	-0.012396	-0.009541	-0.008300	0.009669
	0.000271	0.013264	-0.008755	-0.027966	-0.039721	0.031041
	0.033643	0.037130	-0.012711	-0.009359	0.020481	0.027462
	0.006367	0.040287	-0.010121	-0.016396	-0.026067	0.026433
	-0.007199					
y267	-0.000685	-0.020846	0.009814	0.004210	0.024889	-0.032219
	0.012141	0.006487	-0.019377	-0.029681	-0.012761	0.020765
	-0.010677	-0.030010	-0.035615	0.022239	0.000396	-0.022453
	0.006489	-0.059491	-0.013142	-0.012374	-0.022614	0.003817
	-0.032934	0.005439	-0.001767	-0.014308	-0.020745	-0.023754
	0.003630					
z267	-0.015047	0.025679	0.047582	0.015580	-0.013227	-0.028980
	0.021814	0.015829	-0.039808	-0.012540	0.013178	-0.017362
	-0.015997	0.003799	-0.008726	-0.038019	0.040927	-0.033389
	0.021860	0.004757	-0.004864	-0.050640	0.005760	-0.042548
	-0.026031	0.006134	0.014326	0.040228	0.033871	-0.027041
	0.014147					

x268	-0.031367	-0.027482	-0.033387	0.004409	-0.002386	0.013728
	-0.002876	-0.017782	-0.017632	-0.016733	-0.010174	0.009568
	-0.001724	0.015557	-0.014347	-0.037179	-0.041707	0.033635
	0.030693	0.035549	-0.012370	-0.010440	0.014752	0.026639
	0.004060	0.041802	-0.006147	-0.014293	-0.025357	0.019967
	-0.010629					
y268	0.000754	-0.023349	0.006698	0.005928	0.023769	-0.035612
	0.009002	0.005242	-0.021311	-0.028254	-0.014693	0.011726
	-0.005123	-0.033423	-0.040887	0.026638	0.006510	-0.018259
	0.007634	-0.046277	-0.017420	-0.011984	-0.028238	0.000928
	-0.035231	-0.001376	0.010126	-0.013865	-0.007122	-0.030255
	0.009417					
z268	-0.017395	0.028912	0.045153	0.014143	-0.012157	-0.025280
	0.020994	0.025487	-0.045139	-0.018748	0.006491	-0.010740
	-0.008919	0.005424	-0.017110	-0.014852	0.036805	-0.028567
	0.023484	0.005656	-0.002112	-0.059609	-0.004722	-0.030414
	-0.053363	0.002280	0.022817	0.038980	0.045304	-0.042041
	0.023098					
x269	-0.031245	-0.026613	-0.033845	0.007802	-0.003907	0.012047
	-0.003334	-0.016148	-0.023326	-0.021713	-0.012035	0.007331
	-0.000216	0.017241	-0.020138	-0.038814	-0.042061	0.040895
	0.028677	0.034714	-0.010830	-0.013010	0.006360	0.028933
	-0.003888	0.031656	-0.005082	-0.012157	-0.015764	0.004024
	-0.004980					
y269	0.000425	-0.024912	0.003321	0.004909	0.021271	-0.040911
	0.003276	0.005491	-0.025080	-0.020508	-0.012485	-0.004577
	-0.008980	-0.039153	-0.031681	0.023163	0.007518	-0.020481
	-0.000958	-0.048493	-0.018536	-0.005190	-0.022672	0.001099
	-0.021648	0.011721	0.006983	-0.014624	-0.013623	-0.021269
	-0.008119					
z269	-0.019343	0.031160	0.044518	0.012892	-0.012398	-0.020903
	0.019766	0.035006	-0.048690	-0.024518	0.000296	-0.003065
	-0.004593	0.010165	-0.020865	0.003301	0.030079	-0.024229
	0.024186	0.007329	0.002862	-0.068247	-0.017239	-0.016035
	-0.075684	-0.006872	0.032004	0.033737	0.053557	-0.053103
	0.031666					
x270	-0.030379	-0.025948	-0.034102	0.010283	-0.003775	0.007427
	-0.005910	-0.015575	-0.030173	-0.020606	-0.010629	0.001082
	-0.001136	0.016610	-0.018378	-0.045599	-0.040810	0.043503
	0.023243	0.024605	-0.013244	-0.008075	0.003306	0.027249
	-0.001820	0.032648	-0.005098	-0.007731	-0.010321	-0.002386
	-0.014136					

y270	0.001560	-0.023402	0.000724	0.004606	0.018776	-0.041934
	0.000340	0.008431	-0.027403	-0.014179	-0.009726	-0.010745
	-0.009141	-0.036907	-0.032095	0.019044	0.005802	-0.017208
	-0.002020	-0.047990	-0.015202	-0.002509	-0.028999	0.001823
	-0.018128	0.008590	0.008611	-0.013756	-0.013335	-0.020725
	-0.017098					
z270	-0.021035	0.033449	0.043948	0.011292	-0.011152	-0.019028
	0.018740	0.043928	-0.051402	-0.025959	-0.002927	0.002328
	-0.005448	0.014100	-0.019581	0.013199	0.029040	-0.023438
	0.020790	0.001609	0.002686	-0.068903	-0.025276	-0.012262
	-0.082047	-0.005194	0.038931	0.030160	0.057400	-0.054125
	0.030304					
x271	-0.030109	-0.026080	-0.033353	0.012796	-0.004782	0.006089
	-0.005357	-0.013967	-0.032829	-0.020159	-0.011218	0.000058
	0.002229	0.017943	-0.022340	-0.045789	-0.040995	0.053298
	0.023699	0.022913	-0.012731	-0.009142	-0.005334	0.028140
	-0.010577	0.020526	-0.005869	-0.002855	0.004446	-0.014035
	-0.008042					
y271	0.002346	-0.022560	-0.001581	0.004109	0.015999	-0.040256
	0.000019	0.010158	-0.022497	-0.010590	-0.008578	-0.011157
	-0.006733	-0.030688	-0.036844	0.019926	0.003658	-0.009749
	0.002593	-0.035602	-0.009699	-0.003365	-0.040557	0.006737
	-0.022085	-0.000144	0.009955	-0.009161	-0.005547	-0.018954
	-0.012628					
z271	-0.022266	0.034297	0.042674	0.009820	-0.009153	-0.019013
	0.015398	0.048316	-0.050773	-0.025170	-0.003667	0.006194
	-0.011482	0.015635	-0.009732	0.014809	0.032951	-0.030775
	0.015647	-0.003370	-0.004684	-0.059418	-0.029204	-0.013616
	-0.067501	0.008170	0.041892	0.028412	0.052522	-0.044563
	0.019499					
x272	-0.030121	-0.025662	-0.032863	0.014698	-0.005619	0.005788
	-0.004372	-0.014846	-0.033514	-0.019173	-0.010702	0.001156
	0.006146	0.019082	-0.023477	-0.047066	-0.039317	0.063720
	0.026569	0.026558	-0.015642	-0.011592	-0.011991	0.030274
	-0.023819	0.008962	-0.009606	-0.005869	0.016993	-0.027782
	-0.004428					
y272	0.002863	-0.021342	-0.003822	0.002189	0.014718	-0.039394
	-0.001101	0.007774	-0.016776	-0.006150	-0.005585	-0.011347
	-0.006811	-0.026653	-0.035830	0.017922	0.004291	-0.004998
	0.004561	-0.022419	-0.010544	-0.003433	-0.041643	0.011038
	-0.027948	0.000312	0.009109	-0.010186	-0.006501	-0.018089
	-0.015118					

z272	-0.023662	0.034589	0.041828	0.008787	-0.005257	-0.019751
	0.012931	0.049272	-0.047643	-0.022917	-0.004146	0.010668
	-0.020618	0.012681	-0.000747	0.012716	0.040401	-0.037754
	0.008456	-0.009947	-0.018418	-0.051693	-0.022401	-0.019405
	-0.044855	0.025352	0.042454	0.029250	0.039139	-0.036346
	0.007139					
x273	-0.030364	-0.024391	-0.031612	0.015916	-0.006323	0.005275
	-0.001179	-0.012619	-0.033887	-0.019399	-0.008596	0.002824
	0.009481	0.015847	-0.024151	-0.043751	-0.042722	0.070176
	0.029972	0.028599	-0.013637	-0.013148	-0.021181	0.033715
	-0.033468	-0.000582	-0.014605	-0.001831	0.033101	-0.036183
	0.002603					
y273	0.003497	-0.020044	-0.005628	-0.000226	0.014707	-0.040089
	-0.002510	0.006822	-0.010452	-0.001117	-0.000085	-0.014249
	-0.008525	-0.026547	-0.030005	0.017452	0.003745	-0.004916
	0.004520	-0.013480	-0.011537	0.001262	-0.040919	0.014264
	-0.024009	0.010855	0.005551	-0.007255	-0.007936	-0.006127
	-0.022743					
z273	-0.025053	0.034036	0.042018	0.008048	-0.000688	-0.019917
	0.010904	0.048640	-0.041558	-0.019449	-0.002058	0.010633
	-0.028970	0.007425	0.010068	0.012849	0.047613	-0.042459
	0.000885	-0.017039	-0.032129	-0.045130	-0.013798	-0.031645
	-0.014467	0.040527	0.037033	0.033192	0.029304	-0.020555
	-0.001468					
x274	-0.030867	-0.024768	-0.031271	0.016889	-0.005739	0.000871
	-0.001239	-0.011505	-0.034450	-0.016542	-0.006827	0.000274
	0.014426	0.013394	-0.023697	-0.048157	-0.047475	0.069667
	0.028685	0.021272	-0.016539	-0.011389	-0.022386	0.035924
	-0.032914	-0.008333	-0.020907	0.001638	0.048286	-0.037518
	0.009041					
y274	0.004269	-0.017994	-0.007218	-0.002843	0.015214	-0.039548
	-0.003006	0.008488	-0.002427	0.002575	0.003868	-0.012432
	-0.007075	-0.021913	-0.030366	0.019446	0.002409	-0.003911
	0.005316	-0.003832	-0.010296	0.003492	-0.042037	0.023956
	-0.026820	0.012419	0.005624	-0.006294	-0.003215	-0.001899
	-0.018874					
z274	-0.026714	0.029655	0.045073	0.007964	0.001537	-0.017739
	0.006733	0.046330	-0.033552	-0.017036	-0.004420	0.008988
	-0.036251	0.004843	0.019581	0.014610	0.050098	-0.046787
	-0.008562	-0.017931	-0.045453	-0.045084	-0.004359	-0.047066
	0.011599	0.037595	0.031934	0.033764	0.028186	-0.015357
	0.008845					

x275	-0.031896	-0.024559	-0.031342	0.017845	-0.004174	-0.001826
	-0.003734	-0.010585	-0.035009	-0.011731	-0.004696	-0.002481
	0.017966	0.009271	-0.019850	-0.052241	-0.048296	0.069304
	0.029435	0.005466	-0.015347	-0.006356	-0.014911	0.034442
	-0.029461	-0.003561	-0.027030	0.001318	0.046715	-0.039254
	0.003676					
y275	0.004461	-0.016419	-0.008113	-0.006118	0.015753	-0.039323
	-0.005071	0.011822	0.003334	0.004810	0.006867	-0.010508
	-0.006226	-0.017183	-0.028189	0.021808	0.001245	-0.004343
	0.005491	0.001176	-0.010785	0.009126	-0.036681	0.033476
	-0.030538	0.021952	0.002750	-0.007770	0.000189	-0.001771
	-0.015586					
z275	-0.027996	0.025055	0.048227	0.009380	0.005000	-0.010286
	0.005037	0.041759	-0.022084	-0.015503	-0.005047	0.008960
	-0.042171	0.001838	0.023269	0.024099	0.055653	-0.047979
	-0.016458	-0.011102	-0.057788	-0.039051	0.000868	-0.062699
	0.046484	0.019371	0.025895	0.043805	0.028533	-0.008171
	0.024654					
x276	-0.033156	-0.025774	-0.031351	0.019707	-0.002265	-0.003792
	-0.005263	-0.006226	-0.036352	-0.012778	-0.005864	-0.002477
	0.019829	0.004926	-0.019198	-0.054825	-0.046767	0.066508
	0.026929	-0.001755	-0.012580	-0.002514	-0.014914	0.027612
	-0.027682	-0.012035	-0.018378	0.005607	0.040385	-0.036772
	-0.005843					
y276	0.004508	-0.016280	-0.006708	-0.010205	0.014497	-0.036381
	-0.008942	0.017298	0.009732	0.006211	0.007367	-0.014090
	-0.005661	-0.009788	-0.022322	0.025914	-0.000178	-0.003705
	0.003947	0.005841	-0.009604	0.012716	-0.028741	0.031632
	-0.030988	0.023780	0.001451	-0.014479	0.007196	-0.005037
	-0.004556					
z276	-0.028448	0.022501	0.049272	0.013900	0.011036	-0.006147
	0.004430	0.033232	-0.016216	-0.015289	-0.001510	0.014143
	-0.042126	-0.009991	0.024165	0.028068	0.064175	-0.047722
	-0.022421	0.000543	-0.069452	-0.034131	0.000361	-0.057353
	0.067744	0.017637	0.021558	0.053896	0.015759	0.005037
	0.024133					
x277	-0.034416	-0.025638	-0.031614	0.022714	0.000811	-0.005064
	-0.003741	-0.005952	-0.035917	-0.011923	-0.009261	-0.006606
	0.017372	-0.001462	-0.014814	-0.051150	-0.040333	0.063109
	0.023145	-0.000596	-0.015293	-0.004231	-0.006159	0.025436
	-0.022473	-0.007082	-0.011763	-0.006781	0.045228	-0.044652
	0.000761					

y277	0.005468	-0.016405	-0.005665	-0.013290	0.013322	-0.031698
	-0.013145	0.021765	0.016680	0.008159	0.008263	-0.018011
	-0.006275	-0.002892	-0.017206	0.027212	-0.001705	-0.002120
	0.002336	0.011845	-0.006431	0.015307	-0.023267	0.027646
	-0.027849	0.021090	-0.001019	-0.015684	0.009657	0.000408
	0.000510					
z277	-0.028327	0.020574	0.051256	0.016550	0.016071	-0.004194
	0.005780	0.028030	-0.013038	-0.018415	0.001299	0.021396
	-0.043419	-0.018231	0.027580	0.029669	0.069087	-0.048704
	-0.025433	0.004192	-0.075599	-0.037664	-0.000244	-0.050572
	0.072488	0.028163	0.023319	0.049505	0.007930	0.002451
	0.031802					
x278	-0.035158	-0.024542	-0.031055	0.023752	0.002598	-0.004618
	-0.001210	-0.003591	-0.033076	-0.011830	-0.010452	-0.003486
	0.018226	-0.005568	-0.012463	-0.052930	-0.033520	0.061501
	0.019914	-0.004428	-0.015895	0.000702	-0.003121	0.024799
	-0.019336	0.002371	-0.004751	-0.012071	0.056469	-0.050147
	-0.002845					
y278	0.006964	-0.017068	-0.005455	-0.014855	0.013500	-0.027919
	-0.016731	0.024266	0.020787	0.009018	0.007884	-0.021763
	-0.009155	0.001943	-0.012295	0.028751	-0.003175	-0.003890
	0.000358	0.016582	-0.004535	0.013506	-0.016510	0.023323
	-0.024673	0.016727	-0.004418	-0.017375	0.001050	0.006690
	0.010123					
z278	-0.028626	0.017853	0.053345	0.017636	0.018686	-0.003749
	0.006834	0.024735	-0.009801	-0.019891	0.001907	0.023575
	-0.044230	-0.022182	0.030146	0.029750	0.068837	-0.043733
	-0.028369	0.012228	-0.075698	-0.039032	-0.005800	-0.043026
	0.071309	0.034613	0.026353	0.044023	0.011153	-0.002330
	0.025818					
x279	-0.035139	-0.024658	-0.030707	0.024361	0.002354	-0.007280
	0.000563	-0.004219	-0.029018	-0.007816	-0.008198	-0.004228
	0.019835	-0.006195	-0.011966	-0.051465	-0.033756	0.060794
	0.020646	-0.006545	-0.010543	0.003512	-0.010801	0.017240
	-0.021486	0.000601	-0.002093	-0.011631	0.046291	-0.040897
	-0.007045					
y279	0.008305	-0.017911	-0.005570	-0.016240	0.016122	-0.021576
	-0.019405	0.026828	0.024022	0.007288	0.003877	-0.024290
	-0.013625	0.006630	-0.006783	0.029301	-0.000083	-0.005033
	-0.005812	0.020084	-0.004610	0.013636	-0.001248	0.021246
	-0.018601	0.018269	-0.004603	-0.025848	0.009015	-0.000485
	0.018534					

z279	-0.028837	0.014695	0.054188	0.018063	0.019460	-0.004878
	0.006813	0.022846	-0.008115	-0.020133	0.003259	0.025829
	-0.044740	-0.025553	0.031372	0.024943	0.068660	-0.033081
	-0.023716	0.022156	-0.072427	-0.039617	-0.015856	-0.036742
	0.071878	0.042681	0.037954	0.040283	0.009554	-0.000561
	0.017870					
x280	-0.034838	-0.025970	-0.030761	0.023162	0.003718	-0.009002
	-0.000078	-0.002995	-0.025122	-0.005923	-0.006095	-0.005667
	0.019073	-0.008196	-0.012400	-0.048079	-0.033950	0.057912
	0.022373	-0.012669	-0.009975	-0.000111	-0.013263	0.015841
	-0.019540	0.005468	-0.009711	-0.005783	0.040663	-0.035158
	-0.015714					
y280	0.009744	-0.017170	-0.006137	-0.014836	0.016679	-0.017173
	-0.018807	0.027645	0.026853	0.007526	0.000028	-0.027289
	-0.017014	0.011947	0.001962	0.029448	0.006252	-0.004203
	-0.009808	0.029213	-0.003424	0.017691	0.006723	0.010862
	-0.016203	0.014994	0.006526	-0.043587	0.012455	-0.002022
	0.031195					
z280	-0.028068	0.011166	0.054050	0.017314	0.017919	-0.006067
	0.007542	0.017985	-0.006970	-0.018173	0.005934	0.029905
	-0.045921	-0.027089	0.028003	0.021158	0.061624	-0.023804
	-0.024442	0.024959	-0.074327	-0.039890	-0.017162	-0.026855
	0.069815	0.049815	0.036326	0.033153	0.008141	-0.001187
	0.018800					
x281	-0.034452	-0.026922	-0.031930	0.022245	0.006263	-0.009980
	-0.001238	-0.000879	-0.019982	-0.002303	-0.003184	-0.006505
	0.015774	-0.008872	-0.009311	-0.042095	-0.030209	0.054493
	0.020776	-0.017495	-0.008036	-0.001287	-0.012867	0.011814
	-0.018379	0.012105	-0.011443	-0.003078	0.032938	-0.029168
	-0.018974					
y281	0.011471	-0.018712	-0.005430	-0.014923	0.016039	-0.014165
	-0.016474	0.025286	0.027393	0.005715	-0.005100	-0.028938
	-0.014631	0.015727	0.002398	0.022445	0.006467	-0.003541
	-0.009602	0.035104	-0.002202	0.021898	0.007047	0.007991
	-0.008693	0.010466	0.003419	-0.052092	0.015057	0.001072
	0.036389					
z281	-0.027009	0.006897	0.052493	0.015818	0.015402	-0.008120
	0.007132	0.014038	-0.007043	-0.014118	0.008444	0.033743
	-0.046527	-0.029863	0.025181	0.016365	0.054675	-0.011944
	-0.023570	0.027754	-0.076812	-0.039596	-0.019851	-0.016244
	0.064648	0.053587	0.038774	0.027218	0.005456	0.000678
	0.016197					

x282	-0.034249	-0.028741	-0.032957	0.020787	0.009113	-0.010151
	-0.001124	0.001176	-0.012386	-0.000186	-0.001104	-0.007230
	0.016032	-0.006999	-0.006022	-0.036154	-0.025907	0.050967
	0.018661	-0.019281	-0.004630	0.000204	-0.013840	0.009087
	-0.012482	0.016353	-0.014034	0.000246	0.032298	-0.025469
	-0.012672					
y282	0.014340	-0.020263	-0.006275	-0.013578	0.015684	-0.013347
	-0.016250	0.022848	0.023041	0.004215	-0.007869	-0.031951
	-0.020846	0.018958	0.000226	0.017034	0.007072	-0.002881
	-0.007704	0.039119	-0.009595	0.016851	0.010116	-0.000023
	-0.009160	0.013001	-0.001559	-0.062266	-0.001454	0.011900
	0.026232					
z282	-0.025875	0.001785	0.049985	0.013371	0.014077	-0.009250
	0.007779	0.009427	-0.006825	-0.008465	0.008695	0.036278
	-0.046206	-0.027574	0.020522	0.009437	0.046091	0.000649
	-0.025565	0.028094	-0.074644	-0.033912	-0.024112	-0.002810
	0.063654	0.048768	0.037818	0.015409	0.007761	-0.006522
	0.013753					
x283	-0.033504	-0.030922	-0.034586	0.018741	0.011000	-0.011353
	-0.001374	0.001779	-0.003511	0.002962	0.000139	-0.008481
	0.015763	-0.003806	-0.003212	-0.029837	-0.021394	0.048989
	0.017148	-0.019809	-0.003004	0.003370	-0.014355	0.006660
	-0.009393	0.023497	-0.015912	0.003938	0.031038	-0.019974
	-0.003499					
y283	0.016959	-0.023119	-0.006626	-0.011214	0.018248	-0.010594
	-0.015073	0.022332	0.016598	-0.000004	-0.007103	-0.035154
	-0.023508	0.018532	-0.002691	0.011627	0.011396	-0.004645
	-0.006023	0.045795	-0.014564	0.007833	0.010773	-0.004043
	-0.000290	0.009420	-0.010555	-0.070703	-0.010435	0.023018
	0.001941					
z283	-0.024654	-0.002781	0.046558	0.010771	0.011965	-0.009040
	0.007529	0.004822	-0.007157	-0.000052	0.007240	0.041042
	-0.045500	-0.025258	0.015532	0.002073	0.031916	0.013306
	-0.026891	0.021773	-0.070214	-0.029691	-0.025320	0.008820
	0.053131	0.039923	0.036565	0.000706	0.009634	-0.011124
	0.016589					
x284	-0.032278	-0.033717	-0.036163	0.017074	0.013882	-0.011374
	-0.000601	0.000885	0.005921	0.006701	0.000320	-0.010537
	0.016773	-0.001064	-0.000869	-0.022872	-0.015443	0.045195
	0.015808	-0.018234	-0.000634	0.010188	-0.017416	0.001633
	-0.006741	0.030708	-0.017015	0.008365	0.023505	-0.016028
	0.002922					

y284	0.019009	-0.027444	-0.006724	-0.008888	0.018706	-0.007998
	-0.017540	0.019333	0.011669	-0.000508	-0.005543	-0.029965
	-0.025170	0.014064	-0.006183	0.008359	0.020786	0.001784
	-0.003960	0.052230	-0.022662	-0.002658	0.013539	0.000381
	0.017583	0.005196	-0.023651	-0.075279	-0.008975	0.023806
	-0.000353					
z284	-0.023614	-0.008747	0.042524	0.008548	0.010922	-0.010630
	0.011385	-0.006744	-0.008966	0.002532	0.012227	0.039826
	-0.039456	-0.026906	0.010496	0.001880	0.022523	0.018420
	-0.022507	0.020995	-0.069711	-0.019615	-0.024048	0.009076
	0.042363	0.030400	0.035025	-0.015478	0.009803	-0.014193
	0.019033					
x285	-0.030211	-0.036675	-0.037451	0.015841	0.015771	-0.010870
	0.000500	0.000498	0.013507	0.010082	0.001899	-0.012962
	0.016853	0.001548	-0.001385	-0.017452	-0.010998	0.041825
	0.011215	-0.015463	0.002123	0.016065	-0.020611	-0.003301
	-0.004423	0.037479	-0.016587	0.011796	0.015134	-0.011806
	0.005478					
y285	0.017340	-0.034317	-0.003070	-0.010059	0.018891	-0.003378
	-0.023351	0.013139	0.005580	-0.000716	-0.010057	-0.032348
	-0.019124	0.016735	-0.000319	0.020304	0.030304	0.005407
	-0.004266	0.042386	-0.007536	-0.001204	0.010481	0.001946
	0.013601	0.006101	-0.022457	-0.072050	-0.003382	0.018315
	0.004404					
z285	-0.021221	-0.013401	0.039077	0.011616	0.010808	-0.013349
	0.017814	-0.019837	-0.001213	0.004140	0.004621	0.035987
	-0.030116	-0.024855	0.005612	0.010396	0.016960	0.008126
	-0.015907	0.020024	-0.063160	-0.010377	-0.014838	0.014290
	0.019111	0.021182	0.017100	-0.014679	0.014903	0.001172
	0.014295					
x286	-0.028790	-0.039738	-0.039346	0.013581	0.012419	-0.006454
	-0.000208	0.004053	0.014347	0.016203	0.010787	-0.013934
	0.013032	-0.000296	-0.009031	-0.022332	-0.012721	0.046150
	0.006644	-0.011765	0.003736	0.013107	-0.020311	-0.012767
	0.006627	0.035253	-0.017129	0.000100	0.014916	-0.005409
	0.002851					
y286	0.019370	-0.038543	-0.004176	-0.008596	0.031613	-0.001018
	-0.028847	-0.000342	0.016621	-0.001380	-0.027336	-0.022562
	-0.012619	0.030419	0.004625	0.033122	0.039573	0.000775
	0.006588	0.045389	-0.008584	0.008743	0.005678	-0.004787
	-0.002491	0.014746	-0.022484	-0.046944	-0.007984	0.021429
	-0.001977					

z286	-0.019667	-0.015384	0.034577	0.014626	0.008225	-0.014980
	0.020496	-0.023362	0.007247	0.013492	-0.007453	0.037643
	-0.027140	-0.022302	0.000917	0.009207	0.012383	0.003263
	-0.012163	0.019051	-0.054516	-0.012870	-0.008649	0.028743
	-0.001627	0.002895	-0.001702	-0.012246	0.014705	0.014206
	0.009796					
x287	-0.026884	-0.041089	-0.039534	0.013384	0.011761	-0.006260
	0.001548	0.003368	0.019345	0.018378	0.011786	-0.016439
	0.014325	-0.000660	-0.010647	-0.018627	-0.009837	0.046190
	0.002372	-0.005403	0.003921	0.015582	-0.021140	-0.014070
	0.006598	0.038577	-0.022523	0.000234	0.008474	-0.000161
	0.007208					
y287	0.018163	-0.038855	-0.001132	-0.010959	0.030101	0.002343
	-0.028804	-0.001572	0.011259	-0.003602	-0.030804	-0.018840
	-0.008747	0.026578	0.000909	0.028564	0.033326	0.003241
	0.007655	0.042354	-0.022406	0.003407	0.003039	0.001012
	-0.009800	0.022011	-0.044364	-0.035629	-0.001617	0.023518
	-0.005023					
z287	-0.016820	-0.016700	0.031417	0.016391	0.008825	-0.014084
	0.017817	-0.025232	0.013403	0.020191	-0.013450	0.038054
	-0.028162	-0.017807	-0.005740	0.007608	0.013332	0.001683
	-0.011874	0.011493	-0.034370	-0.010682	-0.000235	0.034153
	-0.014417	-0.005452	-0.004869	-0.013503	0.016041	0.014311
	0.007178					
x288	-0.027077	-0.042225	-0.037022	0.010062	0.004320	-0.001842
	0.002855	0.008174	0.012479	0.019848	0.023056	-0.022434
	0.013373	-0.006161	-0.015700	-0.026727	-0.016776	0.053439
	-0.003688	-0.005805	0.007008	0.012592	-0.020899	-0.021924
	0.011524	0.035776	-0.015939	-0.016282	0.006070	0.001747
	0.010776					
y288	0.015660	-0.039487	0.002416	-0.016381	0.027878	0.006311
	-0.028917	-0.002139	0.001489	-0.005956	-0.028505	-0.022344
	-0.007652	0.022333	-0.002409	0.019693	0.027798	0.010068
	0.011348	0.033698	-0.028050	0.001463	-0.001770	-0.000523
	-0.013904	0.015617	-0.036849	-0.028980	-0.000420	0.023017
	-0.005767					
z288	-0.014352	-0.017043	0.031403	0.018135	0.005757	-0.013421
	0.015597	-0.024064	0.012375	0.022709	-0.013711	0.034953
	-0.030996	-0.017828	-0.009095	0.002761	0.015931	-0.000099
	-0.016006	0.003759	-0.019556	-0.008771	0.006863	0.039468
	-0.017864	-0.009257	-0.009066	-0.016604	0.015182	0.006114
	0.000110					

x289	-0.025437	-0.042635	-0.035173	0.008181	0.000193	0.000842
	0.004039	0.013581	0.008795	0.017797	0.030641	-0.025085
	0.011437	-0.006739	-0.015946	-0.030557	-0.025551	0.055643
	-0.005142	-0.005632	0.009353	0.005964	-0.016234	-0.028781
	0.005925	0.037934	-0.013720	-0.026845	0.003684	0.006532
	0.015111					
y289	0.014131	-0.040365	0.005594	-0.022199	0.024330	0.008596
	-0.027485	-0.003684	-0.012361	-0.009168	-0.024118	-0.025738
	-0.011387	0.019371	-0.003578	0.010889	0.019022	0.014747
	0.016941	0.028984	-0.037666	-0.010801	-0.007206	-0.000201
	-0.017192	0.000926	-0.028343	-0.028033	0.002829	0.023119
	-0.016606					
z289	-0.010853	-0.016622	0.032823	0.018767	0.002182	-0.014785
	0.016366	-0.024828	0.012363	0.021046	-0.009081	0.029066
	-0.036085	-0.018114	-0.013652	-0.007217	0.024831	-0.003164
	-0.025295	0.000396	-0.011540	-0.010468	0.008319	0.041122
	-0.013361	-0.015117	-0.013157	-0.016207	0.002689	-0.002479
	-0.010478					
x290	-0.021621	-0.042031	-0.034083	0.008195	-0.000614	0.001296
	0.004095	0.016848	0.011038	0.013437	0.033320	-0.022127
	0.010846	-0.003937	-0.010507	-0.030007	-0.028409	0.053773
	-0.001492	-0.009925	0.010210	-0.000690	-0.011303	-0.031933
	-0.011894	0.049698	-0.017918	-0.029170	0.005299	-0.001970
	0.015076					
y290	0.010573	-0.042699	0.007930	-0.027073	0.021076	0.009647
	-0.027435	-0.006689	-0.029450	-0.010574	-0.024879	-0.029836
	-0.011945	0.020592	0.000077	0.003058	0.011962	0.016193
	0.029840	0.020391	-0.054118	-0.024201	-0.011961	-0.000910
	-0.022009	-0.015477	-0.028338	-0.027796	0.015654	0.018364
	-0.035080					
z290	-0.007687	-0.015008	0.035237	0.019709	-0.002233	-0.017334
	0.019657	-0.025604	0.013588	0.019431	-0.003252	0.022376
	-0.042978	-0.022037	-0.016460	-0.019716	0.031220	-0.007176
	-0.033572	0.001296	-0.002681	-0.016092	0.006976	0.040973
	-0.007005	-0.023515	-0.018040	-0.014307	-0.010029	-0.008816
	-0.010479					
x291	-0.019139	-0.041307	-0.032321	0.007821	0.001280	0.001537
	0.003910	0.018648	0.014278	0.002440	0.036566	-0.017383
	0.013177	-0.005456	-0.006221	-0.018347	-0.028750	0.053319
	-0.006912	-0.019501	0.004705	0.011383	-0.007307	-0.032988
	-0.014617	0.064236	-0.020552	-0.015524	0.003043	-0.005744
	0.025253					

y291	0.001425	-0.048956	0.009888	-0.033078	0.019298	0.012518
	-0.030425	-0.011931	-0.054828	-0.011869	-0.030692	-0.038717
	-0.006079	0.022473	0.007296	0.005108	0.005246	0.021161
	0.053050	0.011720	-0.080188	-0.028315	-0.014876	-0.007688
	-0.020579	-0.038778	-0.033085	-0.019077	0.039671	0.024433
	-0.052439					
z291	-0.005764	-0.011460	0.040091	0.021744	-0.008057	-0.018795
	0.020967	-0.024515	0.011218	0.016590	0.003453	0.018886
	-0.045587	-0.031011	-0.016476	-0.034940	0.029276	-0.003406
	-0.033257	0.008764	0.008708	-0.027798	0.000478	0.037409
	-0.013511	-0.024628	-0.021485	-0.021926	-0.026637	-0.011907
	-0.000423					
x292	-0.020980	-0.042504	-0.032331	0.008303	0.003561	0.002907
	0.006006	0.019893	0.010089	-0.007850	0.037180	-0.014119
	0.021766	-0.005127	-0.003892	0.005599	-0.032419	0.043287
	-0.001478	-0.035406	0.000154	0.018756	-0.003030	-0.042581
	-0.024040	0.071110	-0.040232	0.005618	-0.003365	-0.006948
	0.032909					
y292	-0.014357	-0.062286	0.010961	-0.042285	0.018170	0.018994
	-0.035372	-0.021103	-0.097115	-0.008800	-0.040296	-0.056800
	0.005669	0.027429	0.016976	0.017066	0.002904	0.032939
	0.095275	0.006865	-0.114478	-0.030421	-0.014787	-0.020611
	-0.018436	-0.074428	-0.048363	-0.014948	0.078312	0.035576
	-0.080413					
z292	-0.003001	-0.007989	0.048918	0.020406	-0.013769	-0.019816
	0.025417	-0.024520	0.003127	0.006200	0.020511	0.014535
	-0.049338	-0.041305	-0.018398	-0.057676	0.020281	0.002053
	-0.034165	0.020610	0.019879	-0.045241	-0.011416	0.027520
	-0.011034	-0.023709	-0.018672	-0.040327	-0.049364	-0.010861
	0.002583					
x293	0.011456	-0.013359	0.004003	0.040816	-0.074543	-0.012721
	0.014282	0.005732	0.048714	0.032534	0.004647	0.027903
	-0.019063	0.005803	0.013182	0.000498	-0.036599	0.003664
	0.018710	0.094798	0.023388	0.027282	-0.002171	-0.039322
	0.013753	0.031125	-0.064648	0.008816	-0.009434	0.016353
	-0.004732					
y293	0.019816	-0.005949	0.048774	-0.035693	0.037922	-0.004311
	-0.011175	-0.023585	-0.007294	0.002808	0.025733	-0.002415
	0.047306	-0.063346	0.043643	-0.031942	0.009184	0.013441
	-0.044019	0.013875	-0.002225	-0.037901	-0.026322	0.004249
	-0.022550	-0.010197	0.009115	0.000976	-0.018498	-0.062040
	-0.076718					

z293	-0.016401	-0.039250	-0.054316	-0.001476	0.022743	0.004662
	0.034695	-0.039766	0.059969	0.038626	0.005007	0.013181
	-0.000990	0.013555	0.000775	0.005254	-0.009398	-0.029364
	-0.025543	0.007595	-0.033828	0.033075	-0.017167	-0.050391
	-0.032407	0.003706	0.033787	0.025670	-0.011177	0.034535
	0.019878					
x294	0.009699	-0.008851	0.013395	0.039735	-0.078491	-0.020842
	0.012159	0.000283	0.036822	0.018054	0.002169	0.017779
	-0.015587	0.003017	0.024955	0.011029	-0.051922	-0.004354
	0.013731	0.085244	0.019263	0.026111	-0.008402	-0.035556
	0.002987	0.022557	-0.056469	-0.003828	-0.021272	0.010785
	-0.016469					
y294	0.016275	-0.011260	0.060698	-0.043889	0.047501	-0.006525
	-0.011926	-0.022789	-0.012905	-0.010024	0.028116	-0.012997
	0.048807	-0.045078	0.041789	-0.022773	0.015405	0.018912
	-0.025789	0.015453	-0.002424	-0.026778	-0.020471	0.013703
	-0.030283	-0.015550	-0.003925	0.010722	-0.008215	-0.036503
	-0.042091					
z294	-0.015162	-0.043101	-0.040325	-0.010069	0.024034	0.008321
	0.033435	-0.034629	0.063577	0.045386	0.013624	0.018961
	0.008327	-0.001729	0.008650	-0.007458	-0.016903	-0.017864
	-0.025978	-0.004326	-0.044476	0.013598	-0.016318	-0.041236
	-0.018412	0.013350	0.039001	0.018902	-0.013816	0.011542
	0.004718					
x295	0.008778	-0.006483	0.022600	0.041197	-0.078290	-0.029278
	0.009064	-0.003243	0.025676	0.003950	-0.006545	0.009171
	-0.012931	0.010998	0.033785	0.025929	-0.066897	-0.013125
	0.016216	0.075091	0.019760	0.030915	-0.008684	-0.044425
	-0.007624	0.018766	-0.048618	-0.009231	-0.020192	0.007404
	-0.024962					
y295	0.015132	-0.017167	0.068193	-0.047128	0.057768	-0.008191
	-0.008393	-0.026522	-0.016825	-0.026049	0.028089	-0.023602
	0.050464	-0.024259	0.040396	-0.014343	0.019518	0.019632
	-0.005059	0.020973	-0.001701	-0.016349	-0.021271	0.013623
	-0.041578	-0.024938	-0.013496	0.015775	-0.008871	-0.011431
	-0.006356					
z295	-0.014666	-0.049231	-0.010184	-0.019035	0.021666	0.005131
	0.025720	-0.019711	0.059811	0.046105	0.021359	0.016529
	0.009069	-0.008202	0.014706	-0.013928	-0.015325	-0.010449
	-0.025893	-0.018831	-0.038106	0.009251	-0.014722	-0.033426
	-0.013243	0.013870	0.047032	0.008107	0.005603	0.008935
	0.000347					

x296	0.006789	-0.005635	0.029400	0.040269	-0.074611	-0.033951
	0.006181	-0.005819	0.016945	-0.008167	-0.010752	0.001781
	-0.006075	0.012906	0.044065	0.040847	-0.072335	-0.018420
	0.023748	0.065551	0.016319	0.028536	-0.008825	-0.046996
	-0.008828	0.012814	-0.036933	-0.007692	-0.018854	0.000730
	-0.030051					
y296	0.017244	-0.020391	0.072791	-0.047682	0.061072	-0.009271
	-0.006175	-0.028517	-0.022013	-0.036195	0.028672	-0.029684
	0.049810	-0.007788	0.036641	-0.007702	0.014428	0.018679
	0.000451	0.018967	0.004410	-0.010271	-0.021813	0.002417
	-0.046119	-0.023641	-0.017343	0.014375	-0.010783	-0.000341
	0.014294					
z296	-0.016274	-0.053264	0.011730	-0.020729	0.021631	0.001227
	0.021801	-0.005816	0.053904	0.042659	0.019162	0.013547
	0.009439	-0.005726	0.018164	-0.017583	-0.009605	-0.010056
	-0.016829	-0.024333	-0.028860	0.007045	-0.015056	-0.020516
	-0.022977	0.012231	0.042114	-0.002619	0.015588	0.016102
	-0.001431					
x297	0.004816	-0.005580	0.034939	0.035621	-0.068074	-0.034817
	0.000414	-0.008138	0.012102	-0.017924	-0.008185	-0.003063
	0.002975	0.011488	0.054705	0.047721	-0.070694	-0.017418
	0.034891	0.053871	0.012290	0.018549	-0.011524	-0.045443
	-0.010229	0.011590	-0.019527	-0.010789	-0.020631	-0.007052
	-0.035277					
y297	0.017471	-0.023058	0.073901	-0.048736	0.061605	-0.010270
	-0.005037	-0.028620	-0.024774	-0.041689	0.030297	-0.034093
	0.049609	0.003031	0.036304	-0.002272	0.005029	0.014781
	0.000042	0.014140	0.013492	-0.009368	-0.022861	-0.006861
	-0.053414	-0.015939	-0.019862	0.000845	-0.016816	-0.003199
	0.019925					
z297	-0.016675	-0.053707	0.025891	-0.019379	0.019367	-0.003089
	0.020912	0.004081	0.047886	0.039825	0.013407	0.010688
	0.007738	-0.002801	0.016734	-0.018399	-0.005414	-0.013371
	-0.011559	-0.023671	-0.024761	0.008744	-0.013800	-0.008192
	-0.024150	0.005277	0.030783	-0.002947	0.021503	0.026677
	0.002313					
x298	0.002193	-0.005565	0.040318	0.035504	-0.065317	-0.039106
	-0.002860	-0.006543	0.006803	-0.019736	-0.006484	-0.007834
	0.007276	0.010943	0.058147	0.053693	-0.064498	-0.021552
	0.035883	0.045051	0.004703	0.015488	-0.015686	-0.050914
	-0.022031	0.006871	-0.011043	-0.016536	-0.023573	-0.004323
	-0.031915					

y298	0.016425	-0.026109	0.073259	-0.049719	0.059712	-0.011474
	-0.006285	-0.025672	-0.026106	-0.041214	0.028646	-0.038669
	0.039007	0.009174	0.028369	0.003219	-0.001826	0.006388
	-0.003241	0.007646	0.015133	-0.011940	-0.014294	-0.002821
	-0.061052	-0.019282	-0.025413	-0.010343	-0.009703	-0.001338
	0.019820					
z298	-0.016022	-0.054166	0.037975	-0.018832	0.017701	-0.005170
	0.019210	0.010451	0.040359	0.032142	0.010494	0.010028
	0.007639	-0.000289	0.016895	-0.017537	-0.003223	-0.014021
	-0.004984	-0.023248	-0.017725	0.010052	-0.013224	-0.002823
	-0.022627	0.005592	0.024923	-0.001666	0.025013	0.032239
	0.001651					
x299	0.001102	-0.005566	0.045170	0.041457	-0.068422	-0.046925
	-0.000083	-0.002380	0.000850	-0.012652	-0.005651	-0.011411
	0.008186	0.002552	0.056231	0.056626	-0.051615	-0.033327
	0.039298	0.034648	-0.009116	0.018704	-0.025108	-0.047246
	-0.021098	-0.009714	-0.005258	-0.015404	-0.042336	0.003975
	-0.018676					
y299	0.019614	-0.029331	0.067273	-0.042683	0.050384	-0.011358
	-0.004330	-0.020245	-0.029853	-0.034187	0.023219	-0.038419
	0.028149	0.005358	0.014418	0.001388	-0.004039	0.000632
	-0.005549	-0.001291	0.003482	-0.004511	-0.011753	-0.007543
	-0.056099	-0.023457	-0.013974	-0.005038	-0.006004	0.003702
	0.021220					
z299	-0.016790	-0.053324	0.049817	-0.019633	0.016084	-0.008504
	0.015795	0.017128	0.031115	0.021976	0.008844	0.006152
	0.010362	0.000344	0.020951	-0.012005	-0.001556	-0.018678
	0.003994	-0.023695	-0.010455	0.005696	-0.015728	0.010527
	-0.022323	0.011334	0.013336	-0.006357	0.025921	0.036458
	-0.002241					
x300	0.006600	-0.005139	0.041014	0.048431	-0.073781	-0.048718
	-0.000058	0.000334	0.000268	-0.004199	-0.003196	-0.008903
	0.014752	-0.009407	0.051093	0.050556	-0.024916	-0.045406
	0.051893	0.025329	-0.015414	0.020897	-0.027955	-0.034262
	-0.009763	-0.012891	-0.007207	-0.009442	-0.051515	0.008233
	-0.013158					
y300	0.028974	-0.030244	0.048212	-0.031558	0.034433	-0.006003
	-0.001781	-0.015047	-0.029753	-0.025002	0.014221	-0.034330
	0.028843	-0.004917	0.002770	-0.011369	0.005748	-0.002298
	-0.001781	-0.004890	-0.014388	0.005137	-0.012563	0.000295
	-0.040710	-0.020310	-0.008167	0.000867	-0.000295	0.005668
	0.017978					

z300	-0.015725	-0.050636	0.057346	-0.021968	0.012981	-0.009302
	0.009063	0.026036	0.021311	0.008083	0.008530	0.000628
	0.014092	-0.001970	0.031103	-0.001814	0.002296	-0.020718
	0.015538	-0.028335	0.006123	-0.001175	-0.016811	0.015203
	-0.019116	0.021428	0.009520	0.002100	0.024973	0.039099
	-0.003930					
x301	0.008944	-0.001777	0.027111	0.050104	-0.068618	-0.047779
	0.000856	-0.003312	0.008776	0.003828	-0.012116	-0.002010
	0.017316	-0.015672	0.042038	0.042736	-0.012338	-0.038802
	0.048741	0.019781	-0.017199	0.029326	-0.005861	-0.021847
	-0.010080	-0.010707	-0.017097	-0.011461	-0.052162	-0.000979
	0.000725					
y301	0.033496	-0.028661	0.029693	-0.028178	0.032953	0.000624
	0.004328	-0.015121	-0.023611	-0.018714	0.005712	-0.031096
	0.028343	-0.007634	-0.018061	-0.022087	0.014152	0.005363
	-0.015573	-0.012104	-0.026234	0.009470	0.008290	0.004454
	-0.033896	-0.012611	-0.002423	0.000114	0.018065	-0.017199
	0.031276					
z301	-0.012903	-0.048347	0.054883	-0.021712	0.013651	-0.006195
	0.006837	0.031033	0.022954	-0.000584	-0.000209	-0.001676
	0.010586	-0.000254	0.036767	-0.002441	0.006074	-0.013995
	0.019694	-0.026467	0.017445	0.004180	-0.013553	0.014263
	-0.011060	0.016803	-0.001827	0.010650	0.025391	0.036300
	0.009768					
x302	0.008105	0.000362	0.023930	0.051066	-0.063946	-0.045459
	0.000072	-0.001403	0.012562	-0.000743	-0.018592	0.005471
	0.016810	-0.015932	0.035901	0.031751	-0.003635	-0.028536
	0.050379	0.025842	-0.026414	0.029234	-0.008918	-0.023744
	-0.016501	-0.010398	-0.022405	-0.004511	-0.035958	-0.004406
	0.014335					
y302	0.034911	-0.026597	0.018117	-0.024260	0.031871	0.002958
	0.007525	-0.019460	-0.018961	-0.016127	0.007917	-0.030689
	0.028248	-0.005675	-0.021255	-0.024243	0.014981	-0.002421
	-0.018777	-0.009204	-0.025027	0.009299	0.006885	-0.002024
	-0.029058	-0.013691	0.007127	-0.007797	0.016041	-0.019082
	0.025399					
z302	-0.010690	-0.047534	0.053381	-0.021505	0.013556	-0.006322
	0.009324	0.029053	0.024430	-0.000498	-0.002097	-0.003228
	0.014536	0.004699	0.042911	-0.003237	0.002706	-0.021622
	0.025226	-0.025354	0.020576	0.002505	-0.012300	0.019643
	0.003977	0.014596	-0.004013	0.013553	0.022403	0.037355
	0.003861					

x303	0.006596	0.004509	0.020095	0.053760	-0.059398	-0.046547
	0.002054	-0.002030	0.016050	-0.009356	-0.029200	0.008231
	0.024045	-0.014921	0.031603	0.030407	-0.005362	-0.017751
	0.051332	0.032512	-0.027741	0.022741	-0.014997	-0.033853
	-0.011583	-0.011158	-0.010038	0.001038	-0.013152	-0.002816
	0.004785					
y303	0.035699	-0.024007	0.010890	-0.021084	0.034985	0.002686
	0.010313	-0.028471	-0.015842	-0.015105	0.006354	-0.031234
	0.023747	0.003100	-0.017677	-0.028807	0.006481	-0.012059
	-0.023407	-0.011652	-0.012601	0.002348	0.004345	-0.004071
	-0.021873	-0.011511	0.001652	-0.007803	-0.000044	0.002676
	0.026814					
z303	-0.011803	-0.049622	0.062447	-0.022995	0.016490	-0.008311
	0.013864	0.030475	0.025054	-0.001277	-0.000982	-0.003802
	0.017302	0.004261	0.028298	-0.001815	0.005125	-0.010832
	0.023665	-0.023262	0.008064	0.006169	0.002180	0.014457
	-0.012943	0.019131	0.005693	0.012674	0.014212	0.016938
	-0.003642					
x304	0.005907	0.009532	0.013200	0.056839	-0.055012	-0.051298
	0.002231	-0.007869	0.021322	-0.012276	-0.032215	0.004809
	0.027639	-0.017037	0.034215	0.029016	-0.004566	-0.018876
	0.045127	0.027288	-0.025716	0.024958	-0.016536	-0.035233
	0.003923	-0.008300	-0.004267	-0.001698	-0.002417	0.012960
	-0.004574					
y304	0.037008	-0.020965	0.003268	-0.017585	0.035540	0.006662
	0.012784	-0.031080	-0.014624	-0.017101	0.001028	-0.026260
	0.024119	0.009492	-0.022482	-0.030441	-0.000684	-0.012266
	-0.027712	-0.005692	-0.002960	-0.011171	0.000944	-0.003478
	-0.029608	-0.011324	0.006067	-0.006280	-0.000870	-0.000852
	0.031607					
z304	-0.012720	-0.050259	0.065080	-0.021783	0.018479	-0.007834
	0.019870	0.031197	0.025634	-0.008043	-0.005715	-0.005534
	0.020001	0.011131	0.018006	-0.005555	0.006541	-0.003334
	0.023409	-0.018180	0.006029	0.014193	0.001247	0.009092
	-0.018543	0.013756	0.011331	0.011691	0.008966	0.001795
	0.005957					
x305	0.005227	0.013464	0.008217	0.057934	-0.052395	-0.053361
	0.002020	-0.011239	0.024403	-0.014996	-0.035315	0.002326
	0.031680	-0.019251	0.033962	0.028454	-0.002202	-0.019215
	0.041487	0.021972	-0.022233	0.023424	-0.016963	-0.032525
	0.011516	-0.012775	0.000459	-0.005186	0.008619	0.019801
	-0.004376					

y305	0.038339	-0.020114	-0.002545	-0.015529	0.035159	0.009283
	0.012875	-0.031902	-0.015106	-0.016155	0.002362	-0.027291
	0.022107	0.011601	-0.023860	-0.032608	-0.001409	-0.017065
	-0.029226	-0.008154	0.002306	-0.014443	0.008487	-0.001405
	-0.025438	-0.005704	0.005023	-0.006837	-0.004389	-0.002841
	0.024586					
z305	-0.012849	-0.048817	0.065214	-0.018937	0.019416	-0.008867
	0.024254	0.030570	0.024697	-0.014420	-0.011225	-0.006204
	0.019757	0.014715	0.011974	-0.009765	0.008738	0.000886
	0.017648	-0.014694	0.004644	0.019942	-0.003730	0.004519
	-0.024514	0.016566	0.015303	0.013180	0.002120	-0.002906
	0.014007					
x306	0.004308	0.016761	0.004541	0.057738	-0.050105	-0.054365
	0.000440	-0.015053	0.025182	-0.016411	-0.039737	0.000504
	0.034329	-0.021104	0.031429	0.025927	-0.000305	-0.021066
	0.036280	0.019467	-0.020086	0.023298	-0.015548	-0.031411
	0.015172	-0.016947	0.006152	-0.008665	0.017106	0.022852
	-0.005072					
y306	0.039865	-0.019030	-0.006262	-0.013852	0.033800	0.012339
	0.011608	-0.034342	-0.019135	-0.012524	0.002956	-0.026587
	0.021316	0.014169	-0.029147	-0.033071	-0.003564	-0.022273
	-0.029499	-0.005733	0.003367	-0.011888	0.016444	-0.002691
	-0.024259	-0.007117	0.004730	-0.008452	-0.004833	-0.003162
	0.017688					
z306	-0.012635	-0.046511	0.064166	-0.015624	0.020521	-0.010283
	0.028636	0.029870	0.024441	-0.020269	-0.013412	-0.008569
	0.019130	0.017260	0.008604	-0.011760	0.012156	0.003930
	0.013448	-0.014774	0.006105	0.023498	-0.008844	0.003270
	-0.025171	0.022993	0.016755	0.016718	-0.004524	-0.001841
	0.020650					
x307	0.002857	0.019204	0.001987	0.055911	-0.048743	-0.054013
	-0.001692	-0.018670	0.027485	-0.016926	-0.042326	0.000755
	0.035621	-0.022326	0.031587	0.023716	-0.001037	-0.020230
	0.030962	0.014967	-0.017156	0.021051	-0.016400	-0.028075
	0.015627	-0.020518	0.005600	-0.010788	0.018259	0.027073
	-0.009333					
y307	0.040844	-0.018565	-0.009920	-0.013061	0.031609	0.015381
	0.010420	-0.035182	-0.020566	-0.010047	0.006181	-0.023611
	0.019354	0.016991	-0.028651	-0.032022	-0.008592	-0.019599
	-0.028569	-0.005538	0.005460	-0.011476	0.017652	-0.001697
	-0.026097	-0.010095	0.000048	-0.007779	-0.009167	0.000570
	0.014575					

z307	-0.012119	-0.045029	0.063961	-0.013452	0.020772	-0.011769
	0.031185	0.027270	0.024216	-0.023988	-0.014382	-0.008461
	0.018269	0.017525	0.003392	-0.010902	0.011565	0.002535
	0.010845	-0.016135	0.006155	0.023871	-0.008893	0.004514
	-0.022679	0.027410	0.017510	0.019409	-0.007952	-0.001442
	0.020071					
x308	0.000918	0.020685	-0.000160	0.052278	-0.047831	-0.052224
	-0.003883	-0.023512	0.028785	-0.014541	-0.044565	0.002288
	0.035098	-0.024031	0.028422	0.020772	-0.002660	-0.024723
	0.027348	0.011443	-0.014905	0.017991	-0.013827	-0.023192
	0.013831	-0.026404	0.003789	-0.015055	0.011044	0.027980
	-0.016860					
y308	0.041939	-0.018738	-0.015166	-0.012843	0.029029	0.019259
	0.009760	-0.034735	-0.023684	-0.007311	0.010102	-0.021612
	0.016319	0.019172	-0.028538	-0.033963	-0.009639	-0.020429
	-0.023057	-0.001678	0.006430	-0.008451	0.018101	-0.001648
	-0.025009	-0.017706	0.001123	-0.011294	-0.015097	0.003539
	0.011514					
z308	-0.011396	-0.044080	0.064251	-0.013168	0.020378	-0.013177
	0.030948	0.022165	0.024132	-0.025989	-0.014968	-0.005760
	0.016463	0.015502	-0.002362	-0.006407	0.004283	-0.001042
	0.009681	-0.016927	0.006641	0.022012	-0.006436	0.010321
	-0.017374	0.031509	0.014948	0.024789	-0.009542	0.001885
	0.009479					
x309	-0.001513	0.020856	-0.001471	0.048471	-0.045704	-0.051156
	-0.006188	-0.028021	0.030901	-0.008039	-0.044106	0.005529
	0.037362	-0.023880	0.026124	0.017309	-0.005601	-0.030035
	0.019521	0.006667	-0.016425	0.008567	-0.009405	-0.017958
	0.009033	-0.033618	0.003262	-0.024273	0.002089	0.020991
	-0.023139					
y309	0.043465	-0.020306	-0.020190	-0.011077	0.027026	0.023610
	0.007448	-0.030315	-0.026616	-0.003186	0.019023	-0.016889
	0.018108	0.023930	-0.024247	-0.037100	-0.008664	-0.017995
	-0.017198	0.003081	0.002707	-0.009733	0.016273	-0.005410
	-0.023337	-0.026239	0.007268	-0.023070	-0.013091	0.000397
	0.008645					
z309	-0.010041	-0.042505	0.062597	-0.012625	0.018832	-0.014726
	0.028650	0.014342	0.024289	-0.026802	-0.013028	0.000259
	0.014487	0.012359	-0.011015	0.002019	-0.007491	-0.007886
	0.005681	-0.019132	0.007875	0.015394	-0.003222	0.017240
	-0.007076	0.040235	0.013742	0.030958	-0.010149	0.005544
	-0.010195					

x310	-0.002822	0.021581	-0.005169	0.042935	-0.041827	-0.049528
	-0.005818	-0.028178	0.028216	-0.003356	-0.044472	0.004257
	0.033400	-0.021618	0.031078	0.011576	-0.001227	-0.025422
	0.008834	0.000397	-0.012606	0.009250	-0.006048	-0.018847
	0.000828	-0.039350	-0.000914	-0.030480	-0.012212	0.008104
	-0.003811					
y310	0.045420	-0.020656	-0.026091	-0.008693	0.025817	0.028902
	0.006644	-0.020510	-0.033405	-0.003088	0.029138	-0.016096
	0.017295	0.029408	-0.012400	-0.040784	0.001444	-0.005853
	-0.007491	0.007148	0.004902	-0.001411	0.010997	-0.015131
	-0.024494	-0.034059	0.010378	-0.032639	-0.009786	-0.007358
	0.027962					
z310	-0.007043	-0.038824	0.053707	-0.012263	0.015084	-0.014269
	0.025858	0.006147	0.019783	-0.029530	-0.011214	0.001942
	0.006753	0.007988	-0.019192	0.012947	-0.016729	-0.011231
	0.000745	-0.025715	0.018382	0.014831	0.002819	0.022517
	0.004990	0.050266	0.010253	0.041068	-0.010139	0.012061
	-0.019619					
x311	-0.001206	0.018751	-0.006107	0.036891	-0.037020	-0.041097
	-0.007554	-0.029252	0.023087	-0.001565	-0.041899	0.006897
	0.030595	-0.015938	0.041318	-0.003502	0.009263	-0.007737
	0.006037	-0.007877	-0.009978	0.011412	-0.006239	-0.037275
	-0.011091	-0.042145	0.011040	-0.039094	-0.013640	-0.011050
	0.020808					
y311	0.045853	-0.020339	-0.028518	-0.004146	0.023557	0.030259
	0.007699	-0.012332	-0.038104	-0.001987	0.038957	-0.016656
	0.019989	0.031616	0.001854	-0.041678	0.012789	0.004313
	0.002548	0.011972	0.002148	0.006227	0.000187	-0.024619
	-0.027519	-0.044546	0.009291	-0.043795	-0.010667	-0.016034
	0.053913					
z311	-0.005296	-0.034449	0.044522	-0.009812	0.008772	-0.015298
	0.027019	-0.002930	0.012423	-0.025465	-0.007941	0.002489
	0.007638	0.003816	-0.012292	0.018575	-0.018238	-0.013041
	-0.003518	-0.031029	0.016974	0.017445	-0.001181	0.025387
	0.009481	0.040004	0.008032	0.031921	-0.015301	0.011895
	-0.004593					
x312	0.058728	-0.045401	0.028074	0.025114	-0.009631	0.013075
	0.022123	0.002677	0.003445	-0.003739	0.027808	-0.021615
	0.000482	0.053724	0.002207	0.021842	-0.014834	0.010131
	-0.003846	-0.014724	-0.006499	-0.028813	-0.046374	-0.001615
	0.003191	-0.009560	0.005300	0.010675	-0.018118	0.024893
	-0.006478					

y312	-0.007297	-0.019355	-0.001769	-0.024779	-0.039840	0.000503
	0.022873	-0.011967	0.015300	-0.007901	-0.041913	0.034905
	-0.022207	-0.024382	0.003172	-0.010191	-0.002186	-0.033382
	-0.002258	0.016434	-0.013154	-0.005179	0.001891	0.002620
	0.056425	0.033335	0.017906	-0.014474	0.020398	-0.002925
	0.030717					
z312	-0.001522	-0.024347	-0.048602	0.052344	-0.013604	0.025963
	-0.001995	0.008260	0.009731	0.001897	-0.014395	-0.006867
	-0.009633	-0.028299	-0.015860	-0.029959	-0.021833	-0.018832
	-0.016353	-0.046826	-0.007191	0.014637	0.006002	0.004991
	-0.002378	-0.022983	0.037028	-0.029666	0.009804	-0.052862
	-0.005486					
x313	0.056820	-0.049181	0.033194	0.022731	-0.005514	0.011425
	0.018744	0.000228	-0.001574	-0.011376	0.033471	-0.025401
	-0.003099	0.053939	0.000603	0.039691	-0.015482	0.012487
	-0.001669	-0.012285	-0.015678	-0.029024	-0.045134	-0.006557
	0.013671	-0.012129	-0.003444	0.006179	-0.011397	0.016123
	-0.005700					
y313	-0.007372	-0.020420	-0.006478	-0.025948	-0.038943	0.002125
	0.026640	-0.007209	0.013484	-0.009125	-0.052455	0.028333
	-0.030444	-0.015635	0.003547	-0.019635	-0.001915	-0.033669
	0.012707	0.029768	0.004062	-0.007243	0.001708	-0.004329
	0.051712	0.021361	0.026156	-0.025001	0.014869	-0.006141
	0.000388					
z313	0.002542	-0.023898	-0.045428	0.052873	-0.013790	0.026529
	-0.003493	0.009046	0.011400	-0.000454	-0.006157	-0.011772
	0.007272	-0.025365	-0.021591	-0.023147	-0.026621	-0.032189
	-0.011451	-0.057927	-0.002611	0.015690	0.010162	-0.023744
	-0.018114	-0.015651	0.015537	-0.026766	0.003587	-0.042435
	-0.014159					
x314	0.054304	-0.052155	0.037830	0.018904	0.000062	0.007000
	0.015101	-0.003898	-0.005277	-0.019324	0.035304	-0.027896
	-0.010225	0.047700	0.001308	0.056832	-0.013756	0.015689
	-0.003151	-0.008867	-0.025114	-0.029633	-0.043820	-0.004926
	0.030276	-0.017989	-0.004255	0.011916	-0.001599	0.002531
	0.002056					
y314	-0.005380	-0.019804	-0.007384	-0.025417	-0.039277	0.002659
	0.027714	-0.007688	0.011817	-0.009405	-0.061327	0.024731
	-0.035365	-0.007646	0.003032	-0.023862	0.000379	-0.036116
	0.026937	0.032766	0.015460	-0.009816	0.006068	-0.009330
	0.037117	0.010656	0.020135	-0.033753	0.002486	0.000771
	-0.008008					

z314	0.006095	-0.027076	-0.035376	0.053872	-0.014816	0.022738
	-0.008408	0.015092	0.014070	-0.003987	-0.001323	-0.013591
	0.016107	-0.023046	-0.032655	-0.021096	-0.019964	-0.049694
	-0.009307	-0.060332	0.007747	0.015554	0.009074	-0.037213
	-0.038459	-0.019260	-0.002279	-0.025297	-0.010332	-0.037987
	-0.015296					
x315	0.053160	-0.051966	0.040579	0.015922	0.003480	0.004707
	0.011761	-0.007748	-0.006477	-0.023838	0.039771	-0.028409
	-0.014973	0.041962	0.001320	0.070369	-0.011992	0.016682
	-0.006742	-0.013825	-0.033737	-0.030468	-0.037327	-0.003714
	0.038887	-0.020484	-0.015588	0.016168	0.009420	-0.001374
	0.015035					
y315	-0.002703	-0.016995	-0.006953	-0.023515	-0.040610	0.004287
	0.027698	-0.008795	0.010051	-0.008203	-0.062280	0.021945
	-0.029138	0.000465	0.002276	-0.020856	0.000689	-0.040099
	0.035906	0.020436	0.017838	-0.014126	0.017673	-0.008560
	0.028073	0.006387	0.002138	-0.034253	-0.000251	0.012879
	-0.008236					
z315	0.008126	-0.028021	-0.026701	0.053950	-0.016977	0.019456
	-0.008810	0.022647	0.013954	-0.005356	-0.003665	-0.014349
	0.024461	-0.018988	-0.035660	-0.025759	-0.015299	-0.054242
	-0.002678	-0.055411	0.015038	0.008725	0.010238	-0.027531
	-0.037754	-0.023660	0.007854	-0.016798	-0.018720	-0.035153
	-0.032970					
x316	0.050739	-0.052638	0.041542	0.014128	0.006376	0.001419
	0.010556	-0.007701	-0.007337	-0.027060	0.041489	-0.031249
	-0.017542	0.035664	-0.002070	0.074761	-0.007936	0.014075
	-0.010949	-0.013583	-0.035830	-0.029733	-0.036488	-0.004584
	0.046516	-0.026033	-0.013266	0.015972	0.013789	-0.010795
	0.013666					
y316	-0.002477	-0.015887	-0.007411	-0.022195	-0.040363	0.004488
	0.027017	-0.005221	0.007935	-0.004767	-0.060899	0.018896
	-0.024057	0.006764	0.000624	-0.021446	0.001120	-0.044709
	0.043711	0.015782	0.019668	-0.017828	0.030674	-0.010021
	0.021829	0.003228	-0.010106	-0.037035	0.002003	0.019828
	-0.008327					
z316	0.010229	-0.027282	-0.020498	0.052427	-0.018334	0.017913
	-0.011314	0.025771	0.012590	-0.005314	-0.003085	-0.012197
	0.027202	-0.015816	-0.031519	-0.025560	-0.012102	-0.050777
	0.002950	-0.050720	0.013447	0.000239	0.016222	-0.016477
	-0.036714	-0.020456	0.008090	-0.011589	-0.019963	-0.026052
	-0.032812					

x317	0.048536	-0.052000	0.041604	0.013972	0.006591	-0.005086
	0.010852	-0.007317	-0.006159	-0.027233	0.039472	-0.030839
	-0.008276	0.029005	-0.007416	0.074190	-0.005275	-0.005951
	-0.018922	-0.012637	-0.041860	-0.030736	-0.027993	0.003673
	0.041038	-0.033285	-0.022401	0.007261	-0.003303	-0.021996
	0.019804					
y317	-0.002251	-0.015623	-0.007619	-0.022044	-0.039247	0.006468
	0.025339	-0.002032	0.005152	-0.000820	-0.055385	0.016150
	-0.025739	0.012851	0.001694	-0.019858	-0.000444	-0.038204
	0.049849	0.011232	0.019683	-0.020774	0.036679	-0.016578
	0.023251	0.003999	-0.017859	-0.036457	0.013715	0.024974
	-0.007664					
z317	0.010124	-0.027899	-0.015107	0.049927	-0.018477	0.015699
	-0.012792	0.027970	0.008050	-0.004625	-0.001335	-0.011548
	0.022466	-0.014124	-0.022401	-0.020349	-0.006783	-0.039789
	0.005846	-0.040614	0.007990	-0.004768	0.015951	-0.007371
	-0.030109	-0.018444	0.007370	-0.008154	-0.016666	-0.022119
	-0.029858					
x318	0.049334	-0.050357	0.035829	0.014246	0.004580	-0.010066
	0.006610	-0.003080	-0.000517	-0.026057	0.030107	-0.024219
	-0.006499	0.016920	-0.015161	0.060108	0.007819	-0.020475
	-0.018788	-0.003650	-0.046839	-0.021662	-0.023755	0.016560
	0.030685	-0.030846	-0.027672	0.002568	-0.014362	-0.031813
	0.011960					
y318	-0.003034	-0.016113	-0.005524	-0.022158	-0.035809	0.007763
	0.022663	-0.000271	0.000944	0.003352	-0.048328	0.012389
	-0.026221	0.022414	0.008778	-0.014899	-0.010838	-0.027757
	0.050559	0.005550	0.021236	-0.028503	0.039975	-0.025315
	0.025083	0.005647	-0.019787	-0.035622	0.021785	0.029738
	-0.002039					
z318	0.009671	-0.029961	-0.009066	0.046422	-0.016310	0.014831
	-0.014620	0.029019	0.001943	-0.002995	0.003700	-0.010974
	0.015443	-0.009347	-0.010629	-0.011238	-0.002318	-0.022119
	0.008280	-0.032100	0.002966	-0.012354	0.018549	-0.003133
	-0.021923	-0.018329	0.005278	-0.002635	-0.010421	-0.011794
	-0.017691					
x319	0.053348	-0.045433	0.026524	0.014073	0.001477	-0.007218
	0.004419	-0.003080	0.007142	-0.020380	0.012393	-0.016090
	-0.009860	0.008871	-0.009872	0.038759	0.004242	-0.017525
	0.001152	-0.001561	-0.040670	-0.000625	-0.007086	0.020012
	0.019705	-0.013906	-0.016016	0.009477	0.007425	-0.021430
	-0.003373					

y319	-0.004236	-0.017413	-0.001229	-0.021923	-0.032966	0.005743
	0.020767	-0.000263	-0.002082	0.004471	-0.036396	0.007468
	-0.023993	0.027611	0.011728	-0.008350	-0.012389	-0.024825
	0.040816	0.004712	0.018001	-0.038760	0.032749	-0.029456
	0.032600	0.000565	-0.026831	-0.034562	0.012578	0.028028
	0.005213					
z319	0.009721	-0.031030	-0.004715	0.043087	-0.013471	0.014406
	-0.016053	0.028418	0.000003	-0.001211	0.009312	-0.011688
	0.011057	-0.006688	-0.001732	-0.009547	0.010171	-0.006692
	0.011506	-0.019821	0.002437	-0.021131	0.015387	-0.001583
	-0.015030	-0.023318	0.003985	-0.001878	-0.011260	0.000513
	-0.010739					
x320	0.057291	-0.037567	0.014017	0.010528	-0.000297	-0.003539
	0.008070	-0.007258	0.019920	-0.018607	0.003912	-0.016332
	-0.009073	0.010691	0.002755	0.009604	-0.002595	-0.004587
	0.005011	0.014494	-0.029859	0.007362	-0.008564	0.018432
	0.010682	-0.013587	-0.002383	0.013624	0.036623	-0.006651
	-0.016645					
y320	-0.006230	-0.020407	0.004425	-0.019855	-0.028276	0.003441
	0.014873	0.002182	-0.005908	0.007482	-0.031619	0.006482
	-0.019035	0.030559	0.013941	0.002567	-0.013058	-0.031128
	0.042103	-0.006666	0.017282	-0.036925	0.035958	-0.031691
	0.032296	0.007963	-0.038320	-0.029766	0.007055	0.029333
	0.012264					
z320	0.011716	-0.032981	-0.004185	0.040336	-0.009354	0.013377
	-0.015578	0.027595	0.002353	0.003106	0.008480	-0.008525
	0.004678	-0.000315	0.002225	-0.011865	0.016835	-0.001474
	0.024283	-0.011340	0.000351	-0.028386	0.017445	-0.000018
	-0.008423	-0.024754	0.002069	0.008232	-0.008730	0.017505
	-0.013698					
x321	0.056359	-0.034665	0.005735	0.011797	-0.001011	-0.000099
	0.009508	-0.019821	0.022263	-0.017867	-0.001714	-0.007912
	-0.012465	-0.001931	0.002188	0.002919	-0.010468	-0.003647
	-0.007874	0.007700	-0.032164	0.007784	-0.000669	0.013613
	0.004088	-0.004716	0.001204	0.010946	0.024843	-0.015738
	0.001430					
y321	-0.003803	-0.021020	0.007227	-0.019753	-0.027829	-0.000218
	0.010158	0.006172	-0.005195	0.010978	-0.027835	0.002916
	-0.011544	0.031674	0.025771	-0.001434	-0.004844	-0.027583
	0.049533	-0.004627	0.011742	-0.036670	0.031332	-0.037187
	0.034424	0.022207	-0.030707	-0.010509	0.015751	0.033674
	0.010314					

z321	0.012652	-0.036110	-0.000129	0.036725	-0.006857	0.011288
	-0.017502	0.031415	-0.002622	0.007875	0.009198	-0.008155
	0.003850	0.005435	0.013793	-0.007604	0.022069	0.002803
	0.036132	-0.000850	-0.002995	-0.033704	0.022173	0.003224
	-0.003992	-0.023269	0.002464	0.014991	0.001307	0.027438
	-0.018356					
x322	0.055590	-0.031441	0.002696	0.008633	-0.001282	-0.000523
	0.009583	-0.025213	0.021640	-0.019015	-0.004957	-0.011668
	-0.017156	-0.001498	-0.000475	0.007285	-0.018426	-0.002604
	-0.005943	0.008057	-0.018150	-0.004436	-0.008075	0.018045
	0.015240	-0.004153	-0.000219	0.017260	0.033537	-0.010822
	0.005109					
y322	-0.002468	-0.022678	0.008048	-0.018132	-0.028785	-0.000538
	0.011959	0.007509	-0.006169	0.005502	-0.023475	0.001117
	-0.005793	0.025437	0.020628	-0.004470	0.011316	-0.024212
	0.047502	0.003745	0.001618	-0.026813	0.027813	-0.039632
	0.019348	0.015368	-0.037295	-0.005235	0.006684	0.030391
	0.029965					
z322	0.014255	-0.036600	0.005467	0.039882	-0.008927	0.015473
	-0.011539	0.031095	-0.002981	-0.003269	0.011561	0.001361
	0.006930	0.002989	0.003738	0.000125	0.026568	0.021104
	0.033378	0.005961	-0.013232	-0.025861	0.023067	0.006595
	-0.020660	-0.044406	0.009834	0.009970	-0.001001	-0.003835
	-0.003156					
x323	0.054227	-0.028019	-0.001253	0.006649	0.000344	-0.001134
	0.008737	-0.031381	0.021451	-0.017612	-0.007613	-0.014072
	-0.021025	-0.002020	-0.000561	0.007100	-0.026246	-0.002399
	-0.007033	0.005478	-0.010196	-0.007563	-0.006224	0.018525
	0.021973	0.001937	-0.001775	0.018634	0.036159	-0.000911
	0.011419					
y323	-0.003007	-0.024276	0.008636	-0.016696	-0.028610	-0.002017
	0.012520	0.011201	-0.005460	0.004629	-0.021658	-0.002694
	-0.002212	0.024998	0.015795	-0.009354	0.018214	-0.025862
	0.047294	0.007632	-0.002827	-0.020388	0.027612	-0.033902
	0.015796	0.015836	-0.040706	-0.001031	0.001344	0.034624
	0.038467					
z323	0.013687	-0.037450	0.007043	0.042351	-0.012153	0.018485
	-0.007413	0.030142	-0.001438	-0.007277	0.011194	0.004061
	0.004576	-0.002182	-0.002621	0.003520	0.025199	0.026206
	0.026865	0.006866	-0.014396	-0.025987	0.024382	0.015740
	-0.012055	-0.051831	0.014981	0.011581	-0.003696	-0.017136
	-0.001201					

x324	0.053070	-0.025314	-0.004634	0.005774	0.002370	-0.001279
	0.008635	-0.035511	0.022218	-0.017156	-0.007649	-0.016108
	-0.023695	-0.003886	-0.000005	0.004971	-0.032590	-0.001510
	-0.008702	0.001088	-0.003065	-0.008498	-0.004005	0.018333
	0.024333	0.005307	-0.003478	0.020363	0.038421	0.005007
	0.015309					
y324	-0.003856	-0.024795	0.008478	-0.016250	-0.027329	-0.003098
	0.011840	0.012422	-0.006013	0.005824	-0.022451	-0.006320
	-0.000841	0.025067	0.012222	-0.014081	0.022277	-0.026262
	0.047286	0.008617	-0.003870	-0.017730	0.026528	-0.029659
	0.013011	0.015153	-0.045475	0.001163	0.000329	0.032350
	0.044633					
z324	0.012881	-0.037573	0.007109	0.042421	-0.015252	0.019987
	-0.006008	0.026850	-0.001216	-0.008277	0.006310	0.007553
	0.000804	-0.005451	-0.007009	0.005752	0.023316	0.029600
	0.022401	0.009741	-0.015130	-0.028600	0.026451	0.023327
	-0.004451	-0.052730	0.019539	0.009209	-0.004105	-0.026376
	0.003251					
x325	0.051188	-0.023056	-0.007855	0.004801	0.004846	-0.001266
	0.006820	-0.037958	0.021805	-0.017031	-0.008170	-0.017867
	-0.025296	-0.004186	-0.004714	-0.000162	-0.037096	-0.003103
	-0.015976	-0.001294	0.003145	-0.012820	-0.003983	0.019539
	0.023463	0.008913	-0.002579	0.015469	0.036989	0.005345
	0.013479					
y325	-0.004128	-0.024290	0.008592	-0.015989	-0.025324	-0.003166
	0.011753	0.011595	-0.005772	0.006825	-0.022572	-0.009956
	-0.000276	0.025174	0.012274	-0.016547	0.024437	-0.023773
	0.047657	0.006819	-0.002634	-0.014710	0.026174	-0.026704
	0.013659	0.013245	-0.051604	0.003950	0.001281	0.030781
	0.051708					
z325	0.012489	-0.037222	0.006958	0.042463	-0.017993	0.021010
	-0.004590	0.022251	-0.000292	-0.008655	0.003086	0.010172
	-0.002690	-0.008660	-0.006249	0.009620	0.021316	0.034449
	0.021419	0.010882	-0.015258	-0.028776	0.028791	0.029272
	0.003916	-0.051152	0.022099	0.009855	-0.002219	-0.029551
	0.010073					
x326	0.049185	-0.020786	-0.010677	0.003865	0.007196	-0.000974
	0.005484	-0.041110	0.021357	-0.016582	-0.008370	-0.018905
	-0.025776	-0.002429	-0.009102	-0.003626	-0.041239	-0.004135
	-0.024433	-0.004911	0.008403	-0.011196	-0.007113	0.019507
	0.021388	0.011660	-0.008202	0.009808	0.032415	0.005514
	0.010331					

y326	-0.004324	-0.023045	0.008982	-0.015677	-0.022534	-0.003152
	0.011304	0.010715	-0.005722	0.007375	-0.022886	-0.013267
	-0.001568	0.025375	0.012397	-0.019770	0.025591	-0.021190
	0.047041	0.004120	0.001006	-0.014875	0.026730	-0.024411
	0.015320	0.009441	-0.053422	0.005312	0.003343	0.026707
	0.055036					
z326	0.011743	-0.036633	0.007487	0.042835	-0.018977	0.020342
	-0.004190	0.017577	-0.001740	-0.010703	0.000562	0.012947
	-0.005542	-0.008816	-0.006560	0.010764	0.018666	0.036544
	0.018452	0.012467	-0.014410	-0.028718	0.028693	0.030761
	0.005927	-0.047015	0.025049	0.009352	-0.001643	-0.026949
	0.012830					
x327	0.046595	-0.018793	-0.012682	0.002272	0.010513	-0.000837
	0.003878	-0.043973	0.020450	-0.014626	-0.007638	-0.021054
	-0.024795	0.000226	-0.009545	-0.009354	-0.044444	-0.008009
	-0.025369	-0.009916	0.012392	-0.009005	-0.010263	0.016811
	0.020212	0.014003	-0.012365	0.002339	0.026289	0.011243
	0.002113					
y327	-0.004359	-0.020833	0.009369	-0.014556	-0.019633	-0.003469
	0.010769	0.009311	-0.006117	0.007478	-0.023504	-0.015462
	-0.004443	0.026126	0.010459	-0.021645	0.025126	-0.018272
	0.040836	0.000519	0.006868	-0.015282	0.026414	-0.023248
	0.015747	0.003790	-0.055326	0.006277	0.004530	0.017114
	0.056971					
z327	0.010766	-0.035702	0.008905	0.043782	-0.018291	0.018171
	-0.004708	0.011599	-0.005902	-0.015523	-0.001366	0.016280
	-0.007892	-0.003680	-0.009983	0.010480	0.014709	0.036796
	0.009570	0.013961	-0.011896	-0.025801	0.024173	0.027217
	-0.000015	-0.040956	0.024542	0.007919	-0.002609	-0.019892
	0.011704					
x328	0.044151	-0.017555	-0.013891	0.000477	0.013299	-0.001000
	0.001849	-0.044048	0.020342	-0.011540	-0.004634	-0.022419
	-0.024552	-0.002608	-0.008809	-0.014380	-0.043700	-0.019113
	-0.019167	-0.013714	0.014756	-0.014531	-0.005176	0.012519
	0.017321	0.010901	-0.009189	-0.005955	0.020767	0.002095
	-0.005195					
y328	-0.004709	-0.017087	0.009525	-0.012331	-0.016174	-0.003893
	0.010233	0.005846	-0.007242	0.008284	-0.025517	-0.017077
	-0.008136	0.028757	0.007280	-0.024361	0.021122	-0.012798
	0.028043	-0.004462	0.016510	-0.011995	0.021253	-0.023986
	0.015995	-0.001945	-0.057446	0.005378	0.004886	0.008714
	0.056328					

z328	0.009504	-0.034797	0.009698	0.045058	-0.017233	0.015078
	-0.005913	0.003629	-0.011589	-0.022221	-0.003950	0.020438
	-0.011853	0.003234	-0.014723	0.009335	0.007285	0.033790
	-0.001910	0.013942	-0.007403	-0.022021	0.019215	0.022632
	-0.008279	-0.031437	0.024144	0.008638	-0.003132	-0.011006
	0.009946					
x329	0.042277	-0.016278	-0.014670	-0.002560	0.016269	-0.001364
	0.002077	-0.042124	0.024475	-0.005631	0.000197	-0.027634
	-0.023141	-0.010152	-0.004477	-0.018672	-0.034296	-0.019227
	-0.013713	-0.019099	0.019048	-0.016759	-0.000008	0.006925
	0.026627	0.003600	-0.002270	-0.012410	0.016280	-0.009560
	-0.006926					
y329	-0.005162	-0.012134	0.009666	-0.009036	-0.012466	-0.003654
	0.008739	0.000309	-0.009795	0.008741	-0.028841	-0.016420
	-0.013373	0.032637	0.002091	-0.028870	0.012710	-0.008467
	0.010481	-0.010586	0.029213	-0.007691	0.013673	-0.025923
	0.012501	-0.008139	-0.058056	0.001685	0.006631	-0.003010
	0.050155					
z329	0.008377	-0.033353	0.008349	0.045790	-0.015460	0.011299
	-0.006999	-0.005518	-0.016681	-0.029293	-0.007192	0.023024
	-0.016859	0.010174	-0.019121	0.007751	-0.001481	0.034328
	-0.016923	0.010689	0.000882	-0.014788	0.011040	0.016239
	-0.012844	-0.018894	0.024308	0.012396	-0.002049	0.000815
	0.011184					
x330	0.040750	-0.014974	-0.011741	-0.008802	0.017490	0.001054
	0.001729	-0.040926	0.030628	-0.001787	0.007238	-0.026800
	-0.020452	-0.023595	0.000790	-0.022812	-0.024392	-0.010835
	-0.006145	-0.030438	0.018846	-0.028088	0.009812	0.007248
	0.032995	-0.002622	-0.001629	-0.011128	0.005866	-0.022165
	0.005037					
y330	-0.003848	-0.008301	0.009807	-0.008606	-0.006138	0.001170
	0.004232	-0.006394	-0.011881	0.006185	-0.030472	-0.015455
	-0.020479	0.039102	-0.003416	-0.034637	0.002750	0.002301
	-0.001075	-0.022854	0.043799	-0.008007	0.009073	-0.026817
	0.015738	-0.011050	-0.051902	0.001684	0.020146	-0.017742
	0.031575					
z330	0.007043	-0.031424	0.007148	0.042265	-0.015508	0.007378
	-0.008353	-0.013841	-0.018133	-0.031581	-0.007362	0.026735
	-0.019417	0.005044	-0.019338	0.006039	-0.008522	0.033711
	-0.026931	0.002660	0.002222	-0.017091	0.008438	0.017381
	-0.015654	-0.008347	0.017196	0.017692	-0.015894	0.006718
	0.027083					

x331	0.003368	-0.030448	0.004071	0.022255	-0.013154	0.010821
	-0.036871	0.024556	-0.038343	0.041671	0.007072	0.012642
	0.011548	-0.055030	-0.045305	0.017163	0.005777	0.017674
	0.029199	-0.003092	0.024579	0.013180	0.012459	0.016497
	-0.007517	0.006895	0.015594	0.002562	-0.047818	0.012528
	-0.014009					
y331	-0.032238	0.014123	-0.002783	-0.008455	-0.040579	-0.020695
	-0.027742	-0.007612	0.009074	-0.038221	0.001281	-0.010208
	0.005438	-0.062963	0.010395	-0.047564	-0.046334	-0.002316
	-0.031320	0.008612	-0.025404	-0.017478	-0.023624	0.012430
	0.015985	-0.005468	-0.003604	0.013859	0.012069	0.026284
	0.016539					
z331	-0.020031	0.014658	-0.007835	0.016456	0.012872	0.027976
	-0.001381	0.024346	0.048117	-0.006033	-0.016745	-0.025656
	0.029744	0.021089	-0.008198	-0.021950	-0.020710	-0.063462
	0.000267	-0.001198	-0.025624	0.030237	0.004688	-0.018163
	-0.002791	0.026361	0.035231	0.016336	0.024038	-0.047912
	0.009590					
x332	0.002026	-0.026684	0.003123	0.021414	-0.012353	0.011162
	-0.033435	0.024880	-0.040146	0.048054	-0.000065	0.006450
	0.007885	-0.060229	-0.060782	0.016744	-0.004009	0.018609
	0.028481	-0.003812	0.023286	0.016664	0.008806	0.001486
	-0.004247	0.013887	0.035523	-0.001833	-0.038818	-0.001689
	-0.010278					
y332	-0.033094	0.013886	-0.003513	-0.009800	-0.043679	-0.018057
	-0.024584	-0.003770	0.005952	-0.034881	-0.004860	-0.003864
	0.003699	-0.068483	0.011264	-0.055922	-0.051390	-0.006472
	-0.030211	-0.002249	-0.011375	-0.004652	-0.026023	0.012837
	0.006396	-0.004087	-0.004726	0.007206	0.011752	0.032013
	0.016621					
z332	-0.021476	0.018579	-0.004152	0.017334	0.017133	0.026715
	-0.004650	0.021474	0.053859	-0.003688	-0.012928	-0.027622
	0.028115	0.021202	-0.010216	-0.021196	-0.035150	-0.058986
	-0.003199	-0.007376	-0.019263	0.040736	0.003547	-0.019486
	-0.000115	0.018755	0.039162	0.016726	0.024435	-0.046272
	0.010666					
x333	-0.000115	-0.023470	-0.000463	0.019924	-0.011546	0.010757
	-0.030717	0.026983	-0.043751	0.052546	-0.016456	0.002182
	0.004675	-0.064893	-0.067921	0.010511	-0.013165	0.024830
	0.037047	-0.003310	0.026726	0.023193	0.003762	-0.005214
	-0.011401	0.020518	0.047742	-0.007368	-0.040306	-0.002850
	-0.009947					

y333	-0.034579	0.013806	-0.004150	-0.009402	-0.045716	-0.016319
	-0.021442	0.001376	0.001350	-0.028791	-0.012803	0.002460
	0.001526	-0.071750	0.011990	-0.059440	-0.054351	-0.007515
	-0.029059	-0.008921	0.006239	0.011339	-0.028443	0.017213
	-0.003669	-0.000979	-0.000451	-0.000647	0.006348	0.040144
	0.013599					
z333	-0.020684	0.021346	-0.002977	0.017502	0.021194	0.023439
	-0.007731	0.019525	0.054874	-0.002315	-0.014939	-0.030845
	0.027391	0.017721	-0.010127	-0.025783	-0.041245	-0.049295
	0.003302	-0.005904	-0.010529	0.046722	0.002528	-0.005960
	-0.001124	0.012027	0.034464	0.022115	0.019226	-0.030902
	-0.000713					
x334	-0.003014	-0.021370	-0.001846	0.018440	-0.009393	0.011727
	-0.029349	0.030626	-0.042752	0.053203	-0.027086	0.003574
	0.004180	-0.066149	-0.071939	0.007527	-0.021184	0.030715
	0.037821	0.000508	0.026069	0.025013	-0.005441	-0.006552
	-0.014360	0.034990	0.047342	-0.011551	-0.041143	-0.001078
	-0.006300					
y334	-0.036004	0.013527	-0.003685	-0.007697	-0.046731	-0.013844
	-0.019910	0.006459	-0.001770	-0.024903	-0.017407	0.008877
	0.001323	-0.073498	0.012695	-0.060144	-0.054087	-0.007476
	-0.031843	-0.010856	0.019163	0.021622	-0.030309	0.022547
	-0.013231	0.009781	-0.002039	-0.011860	0.003318	0.047786
	0.016139					
z334	-0.019817	0.022844	-0.001181	0.017719	0.025306	0.022175
	-0.011251	0.019651	0.057533	-0.003987	-0.012356	-0.030794
	0.028899	0.013927	-0.009163	-0.027683	-0.042996	-0.040370
	0.005140	0.001504	-0.004783	0.045116	0.000898	0.006663
	-0.001183	0.016592	0.023873	0.021100	0.016461	-0.017361
	-0.002750					
x335	-0.004240	-0.019866	-0.001412	0.016755	-0.007148	0.012553
	-0.029102	0.032751	-0.038902	0.055061	-0.030394	0.004140
	0.003752	-0.064924	-0.070021	0.008737	-0.021586	0.035472
	0.035921	-0.002101	0.021166	0.019017	-0.013527	-0.012302
	-0.008615	0.038131	0.051544	-0.012642	-0.035164	0.006345
	-0.011177					
y335	-0.035390	0.012599	-0.002106	-0.006498	-0.048063	-0.011744
	-0.020299	0.008664	-0.002440	-0.020441	-0.015448	0.012178
	-0.000364	-0.073915	0.017345	-0.057007	-0.046491	-0.007841
	-0.035152	-0.016763	0.027934	0.020951	-0.031052	0.019155
	-0.015065	0.008922	0.002255	-0.018709	0.005739	0.054505
	0.016980					

z335	-0.018063	0.023902	0.000244	0.017446	0.028435	0.021308
	-0.015444	0.019459	0.059551	-0.003878	-0.008911	-0.031356
	0.028709	0.010715	-0.004746	-0.029376	-0.041520	-0.033587
	0.006796	0.003617	-0.000950	0.037428	0.001349	0.011621
	-0.002189	0.012412	0.018068	0.020758	0.018705	-0.005728
	-0.004607					
x336	-0.005441	-0.018704	-0.000443	0.014802	-0.003502	0.012775
	-0.028077	0.032884	-0.035706	0.054263	-0.024089	-0.000455
	0.005939	-0.060203	-0.063504	0.018131	-0.015086	0.035883
	0.033400	-0.002887	0.016998	0.009512	-0.013823	-0.019066
	0.002718	0.035674	0.048903	-0.015508	-0.040913	0.006666
	-0.010339					
y336	-0.035205	0.012435	0.000514	-0.006192	-0.046915	-0.011923
	-0.021270	0.008278	-0.006237	-0.017624	-0.002674	0.003459
	0.002035	-0.070277	0.028213	-0.042082	-0.030388	-0.011848
	-0.037429	-0.022499	0.034580	0.011656	-0.029045	0.011719
	-0.007600	0.002434	-0.002489	-0.027490	-0.004064	0.052086
	0.021234					
z336	-0.016576	0.024348	0.001176	0.016389	0.031795	0.020668
	-0.019479	0.017787	0.060851	-0.003111	-0.004638	-0.031114
	0.029474	0.009129	-0.002836	-0.031095	-0.038416	-0.031434
	0.007464	0.006008	-0.000222	0.026894	0.001070	0.013462
	-0.004146	0.007710	0.011606	0.019734	0.014473	0.001496
	-0.004964					
x337	-0.007012	-0.017910	0.000973	0.012882	0.000687	0.011844
	-0.026957	0.032769	-0.032040	0.055504	-0.018069	-0.004655
	0.007474	-0.054213	-0.060596	0.029318	-0.008722	0.034618
	0.030170	-0.002785	0.015661	-0.000857	-0.008093	-0.025416
	0.009611	0.027497	0.045762	-0.017476	-0.049424	0.004681
	-0.007348					
y337	-0.036965	0.011909	0.004965	-0.006807	-0.043507	-0.014178
	-0.023412	0.006814	-0.011285	-0.011890	0.009247	-0.005477
	0.003382	-0.065705	0.032773	-0.017925	-0.016941	-0.017999
	-0.044111	-0.024680	0.037466	-0.001685	-0.019519	0.004147
	-0.002254	-0.009496	-0.006087	-0.030240	-0.016965	0.037720
	0.026337					
z337	-0.015297	0.025033	-0.000016	0.015277	0.035285	0.020693
	-0.021547	0.016428	0.064366	-0.001697	-0.002145	-0.031056
	0.031074	0.009742	-0.001707	-0.036217	-0.032926	-0.029938
	0.012180	0.007705	-0.001797	0.019659	-0.002472	0.011244
	-0.001631	0.003524	0.005389	0.020286	0.011882	0.016285
	-0.005108					

x338	-0.008083	-0.017073	0.003409	0.010895	0.004675	0.010068
	-0.026950	0.032841	-0.029400	0.055688	-0.013597	-0.008726
	0.007579	-0.045915	-0.059243	0.036121	-0.007019	0.032073
	0.026204	-0.001209	0.016063	-0.011152	-0.002378	-0.027117
	0.008706	0.014666	0.041535	-0.012341	-0.054602	0.004275
	-0.004718					
y338	-0.038879	0.009609	0.011186	-0.005959	-0.037812	-0.018046
	-0.026740	0.004306	-0.018286	-0.009045	0.023136	-0.010286
	0.003390	-0.058142	0.030147	0.005433	-0.011122	-0.027611
	-0.051343	-0.017643	0.032111	-0.014426	-0.007547	0.003198
	-0.004876	-0.028769	-0.008543	-0.015804	-0.025687	0.023314
	0.035330					
z338	-0.013749	0.026274	-0.001959	0.013903	0.037389	0.021625
	-0.023913	0.013534	0.064547	-0.001124	-0.001762	-0.036165
	0.031682	0.007465	0.002492	-0.035074	-0.023936	-0.026446
	0.018385	0.006092	-0.000025	0.015361	-0.005708	0.009424
	0.003894	0.002778	0.002907	0.012791	0.013689	0.027367
	-0.006848					
x339	-0.008697	-0.015334	0.006570	0.009458	0.008134	0.008214
	-0.026689	0.035162	-0.024972	0.052741	-0.012293	-0.010260
	0.007966	-0.038430	-0.056792	0.033605	-0.009286	0.032775
	0.027046	-0.003320	0.009795	-0.014486	-0.002242	-0.023932
	0.006685	0.003095	0.033138	-0.005486	-0.052004	0.011889
	-0.005239					
y339	-0.040104	0.007650	0.017710	-0.001719	-0.031876	-0.021114
	-0.030741	0.005871	-0.020878	-0.004969	0.030794	-0.006448
	0.004637	-0.051087	0.025590	0.016262	-0.012044	-0.035231
	-0.043305	-0.012167	0.012764	-0.012919	0.003396	0.012948
	-0.011840	-0.042924	-0.009982	-0.005318	-0.019385	0.025910
	0.042315					
z339	-0.012425	0.027837	-0.003308	0.012011	0.040411	0.022214
	-0.027115	0.009422	0.061100	-0.001487	0.003626	-0.045642
	0.034035	0.005092	0.009438	-0.027132	-0.017946	-0.020389
	0.020816	0.007780	0.004838	0.006985	-0.006225	0.009355
	0.009194	0.004713	0.002879	0.010145	0.010005	0.027844
	-0.006424					
x340	-0.009734	-0.014420	0.009518	0.006776	0.011203	0.009416
	-0.026986	0.037801	-0.022284	0.048824	-0.011987	-0.013274
	0.012266	-0.036436	-0.049051	0.034920	-0.007338	0.034961
	0.031320	-0.006812	0.011307	-0.014861	-0.008019	-0.026845
	0.014416	0.002437	0.019095	-0.008247	-0.054718	0.019188
	-0.006234					

y340	-0.036958	0.009636	0.022618	-0.001710	-0.027683	-0.019840
	-0.035930	0.009167	-0.019333	0.001432	0.035502	-0.010785
	0.011044	-0.039332	0.035564	0.017077	-0.004600	-0.026164
	-0.027773	-0.007840	0.014606	-0.015959	0.001014	0.013050
	-0.012881	-0.047774	-0.012046	-0.010915	-0.018131	0.039157
	0.031823					
z340	-0.011048	0.029547	-0.002482	0.009722	0.043847	0.019563
	-0.032001	0.004415	0.060173	0.000043	0.007116	-0.049871
	0.031989	0.004058	0.012072	-0.023537	-0.017069	-0.016946
	0.017742	0.012366	0.003430	-0.007188	-0.001965	0.010824
	0.003642	0.003440	0.004923	0.007336	0.003447	0.026280
	-0.010071					
x341	-0.011924	-0.011553	0.010520	0.004693	0.013775	0.011543
	-0.026447	0.035953	-0.013528	0.040568	-0.013407	-0.009193
	0.013769	-0.031116	-0.051260	0.034290	-0.003074	0.041001
	0.029902	0.002219	0.004132	-0.012623	-0.010665	-0.030565
	0.015935	0.011037	0.020464	-0.004541	-0.043204	0.019810
	-0.007222					
y341	-0.038411	0.012231	0.027223	-0.000554	-0.027339	-0.017471
	-0.037419	0.011501	-0.011602	-0.003453	0.038681	-0.006664
	0.010121	-0.035117	0.033975	0.014917	-0.002854	-0.018134
	-0.021116	0.006959	0.016116	-0.004975	0.001678	0.003193
	-0.018012	-0.045339	0.003205	-0.001486	-0.012232	0.026671
	0.025879					
z341	-0.011433	0.032229	-0.001021	0.009555	0.046329	0.018217
	-0.034398	0.003540	0.062442	-0.004968	0.012401	-0.052192
	0.032000	-0.000885	0.014829	-0.017676	-0.017424	-0.009995
	0.016000	0.017113	0.003009	-0.007914	-0.005763	0.000100
	0.005320	0.003898	0.008056	0.011102	0.004786	0.019148
	-0.011684					
x342	-0.013950	-0.009654	0.009837	0.004588	0.015598	0.012055
	-0.025435	0.033871	-0.007203	0.038532	-0.016948	-0.007082
	0.014286	-0.026587	-0.052718	0.025832	-0.004377	0.039268
	0.027216	0.006616	-0.004792	-0.014591	-0.008359	-0.022847
	0.014201	0.015224	0.018952	-0.004152	-0.041275	0.025766
	-0.011642					
y342	-0.040639	0.011897	0.029012	0.002035	-0.027936	-0.015412
	-0.038510	0.013097	-0.009043	-0.004996	0.039026	-0.002732
	0.011397	-0.035698	0.028391	0.012826	-0.005657	-0.020055
	-0.014477	0.011699	0.012082	0.004579	0.002627	0.002831
	-0.020605	-0.042472	0.007766	0.000503	-0.010494	0.023131
	0.022762					

z342	-0.012480	0.032491	-0.001339	0.010837	0.048005	0.017484
	-0.036401	0.001799	0.061086	-0.006600	0.016767	-0.052974
	0.032331	-0.009104	0.013537	-0.012722	-0.020612	-0.009304
	0.015229	0.016593	0.000279	-0.008787	-0.006849	-0.001223
	0.008441	0.005719	0.006675	0.010614	0.002932	0.020632
	-0.010609					
x343	-0.016017	-0.008191	0.009087	0.005115	0.016562	0.012118
	-0.024150	0.032674	-0.002509	0.036850	-0.018745	-0.006894
	0.015817	-0.025112	-0.053346	0.020907	-0.004311	0.036861
	0.023943	0.008529	-0.014369	-0.016535	-0.009982	-0.014395
	0.014464	0.015344	0.014994	-0.002459	-0.038692	0.029447
	-0.015502					
y343	-0.041474	0.011155	0.030749	0.004559	-0.029026	-0.013576
	-0.039058	0.015355	-0.007296	-0.005565	0.040985	-0.001526
	0.012943	-0.036732	0.022932	0.011610	-0.005808	-0.022029
	-0.010450	0.013490	0.008771	0.008592	0.000995	0.005452
	-0.021439	-0.042635	0.009727	0.002108	-0.007632	0.021514
	0.017201					
z343	-0.012932	0.032474	-0.001394	0.011411	0.048856	0.016802
	-0.037782	0.000160	0.059043	-0.007893	0.020972	-0.054303
	0.032710	-0.015408	0.011772	-0.007982	-0.022920	-0.009660
	0.013713	0.015437	-0.000583	-0.011657	-0.008436	-0.001288
	0.011548	0.006612	0.003784	0.010001	0.002190	0.022760
	-0.010614					
x344	-0.017953	-0.006899	0.008843	0.005939	0.017746	0.011758
	-0.023665	0.031436	0.001116	0.036018	-0.021145	-0.008483
	0.017616	-0.023930	-0.052031	0.017909	-0.004071	0.033909
	0.022177	0.007159	-0.021809	-0.017094	-0.014090	-0.008186
	0.017208	0.015094	0.011227	-0.001170	-0.040594	0.031874
	-0.017469					
y344	-0.041315	0.010169	0.032530	0.007483	-0.028099	-0.012198
	-0.039836	0.017368	-0.005666	-0.004872	0.040436	-0.003402
	0.017634	-0.035169	0.021631	0.011511	-0.002398	-0.024127
	-0.004328	0.013940	0.008585	0.010848	-0.000718	0.009213
	-0.017943	-0.043014	0.009082	0.001640	-0.012367	0.021400
	0.013967					
z344	-0.013134	0.032226	-0.001441	0.011357	0.049475	0.016175
	-0.038690	-0.002188	0.056931	-0.009565	0.024640	-0.055062
	0.033200	-0.019517	0.009337	-0.003241	-0.024657	-0.011871
	0.010828	0.016065	-0.000358	-0.015122	-0.008178	-0.000467
	0.013463	0.007666	0.000258	0.009221	0.002930	0.025292
	-0.011769					

x345	-0.019971	-0.005514	0.008983	0.005781	0.018849	0.010828
	-0.022881	0.028710	0.003667	0.035384	-0.022619	-0.010295
	0.016554	-0.022846	-0.050202	0.015474	-0.004024	0.031185
	0.018306	0.005080	-0.027649	-0.016108	-0.017659	-0.007059
	0.016655	0.012018	0.008814	-0.000016	-0.039692	0.028794
	-0.019140					
y345	-0.040548	0.009233	0.034360	0.009206	-0.026189	-0.011389
	-0.039909	0.018838	-0.002907	-0.003867	0.041968	-0.007220
	0.022236	-0.035804	0.020584	0.011796	-0.001466	-0.030914
	-0.003380	0.014326	0.007773	0.010658	-0.001058	0.010604
	-0.021375	-0.045625	0.007596	-0.001179	-0.008585	0.019825
	0.005726					
z345	-0.013156	0.031779	-0.002029	0.010832	0.050073	0.015536
	-0.038988	-0.006654	0.052854	-0.011528	0.026915	-0.053379
	0.031388	-0.018168	0.007055	-0.001275	-0.023213	-0.011736
	0.008967	0.018827	0.002018	-0.018478	-0.003673	-0.001353
	0.015195	0.008166	-0.004983	0.007430	0.005521	0.025531
	-0.009403					
x346	-0.021968	-0.003842	0.009454	0.004787	0.020211	0.009749
	-0.021700	0.023175	0.004554	0.034596	-0.023719	-0.011461
	0.012455	-0.019878	-0.048502	0.013183	-0.002375	0.029824
	0.013596	0.003670	-0.031947	-0.011807	-0.019691	-0.010187
	0.015357	0.007742	0.007183	-0.000422	-0.038096	0.019785
	-0.017542					
y346	-0.039440	0.008633	0.036446	0.011023	-0.022371	-0.011576
	-0.040709	0.018052	-0.001996	-0.003543	0.044129	-0.008472
	0.025927	-0.034796	0.018742	0.011446	0.003014	-0.039198
	-0.001460	0.016860	0.009113	0.009263	0.001271	0.011038
	-0.021107	-0.043666	0.007651	-0.011849	-0.004703	0.018239
	0.001487					
z346	-0.012606	0.030891	-0.003297	0.008956	0.050551	0.014992
	-0.038044	-0.013182	0.047463	-0.013537	0.027857	-0.050975
	0.026910	-0.012872	0.004890	-0.002271	-0.021211	-0.009448
	0.005570	0.023392	0.005016	-0.019840	0.004297	-0.006133
	0.011435	0.005870	-0.012566	0.006547	0.013547	0.021336
	-0.005795					
x347	-0.024034	-0.001795	0.010001	0.003432	0.021451	0.008467
	-0.020512	0.014929	0.004205	0.033585	-0.024047	-0.012690
	0.006130	-0.015119	-0.047029	0.010517	-0.003050	0.027188
	0.007345	0.003293	-0.035675	-0.002874	-0.020973	-0.016413
	0.012805	0.001696	0.004865	0.000164	-0.033772	0.004169
	-0.014272					

y347	-0.037786	0.009364	0.036154	0.011869	-0.017265	-0.012417
	-0.042584	0.014332	-0.003634	-0.004733	0.045256	-0.009226
	0.024088	-0.031839	0.016303	0.009175	0.007688	-0.040181
	-0.006143	0.026196	0.008824	0.005947	0.003086	0.011458
	-0.023239	-0.044751	0.001113	-0.018422	0.005505	0.014606
	-0.002455					
z347	-0.011640	0.028544	-0.003766	0.006344	0.050277	0.014526
	-0.036017	-0.021223	0.040899	-0.014476	0.027677	-0.046817
	0.022826	-0.005065	0.000277	-0.004118	-0.019410	-0.013586
	0.003387	0.025966	0.008988	-0.019277	0.012310	-0.012577
	0.006803	0.008625	-0.018172	-0.000801	0.021462	0.018521
	-0.002440					
x348	-0.025297	0.000446	0.010481	0.002855	0.021731	0.006092
	-0.020629	0.005819	0.002034	0.032682	-0.023021	-0.013201
	-0.001617	-0.011441	-0.044301	0.006513	-0.006634	0.022914
	0.002934	0.002832	-0.037727	0.009482	-0.023378	-0.025741
	0.009021	-0.003550	0.004567	0.000758	-0.027825	-0.012367
	-0.010083					
y348	-0.035508	0.010108	0.033331	0.010318	-0.010397	-0.011549
	-0.042945	0.003526	-0.008080	-0.004181	0.042689	-0.010228
	0.019540	-0.021742	0.013023	0.002291	0.009682	-0.044815
	-0.013065	0.039809	0.010825	0.010361	0.009676	0.009251
	-0.026969	-0.045112	-0.011840	-0.025311	0.026523	0.005129
	-0.005993					
z348	-0.009954	0.025709	-0.003088	0.004096	0.046804	0.013419
	-0.033991	-0.026051	0.035189	-0.016967	0.028845	-0.039988
	0.019304	0.000777	-0.007970	-0.001984	-0.013371	-0.015743
	-0.000428	0.026682	0.010777	-0.024772	0.012460	-0.017294
	0.005045	0.012942	-0.018620	-0.010337	0.022793	0.024518
	-0.000521					
x349	-0.025379	0.001786	0.011282	0.002691	0.020464	0.002455
	-0.022142	0.000871	-0.000199	0.032407	-0.022913	-0.010141
	-0.010722	-0.013048	-0.039115	0.001670	-0.015212	0.021964
	0.002518	-0.001672	-0.036897	0.020672	-0.029295	-0.032394
	0.004826	-0.007591	0.009521	0.005048	-0.028557	-0.024750
	-0.003714					
y349	-0.032265	0.010844	0.028164	0.008856	-0.005110	-0.008374
	-0.043591	-0.008818	-0.011973	-0.003448	0.040431	-0.011895
	0.017262	-0.008096	0.007290	-0.002788	0.014614	-0.051212
	-0.017779	0.051803	0.013079	0.015042	0.019227	0.003851
	-0.028456	-0.043846	-0.024829	-0.034356	0.046891	0.000063
	-0.009491					

z349	-0.009663	0.022812	-0.000186	0.000131	0.040809	0.012751
	-0.030250	-0.023568	0.034479	-0.019385	0.025276	-0.029052
	0.015263	0.004725	-0.010870	0.001531	-0.017004	-0.014063
	-0.003255	0.023137	0.013811	-0.030439	0.007716	-0.011376
	0.004941	0.016427	-0.018055	-0.011159	0.020158	0.035247
	0.004459					
x350	-0.009380	0.010163	-0.008692	-0.006376	-0.003419	0.000080
	-0.006165	0.039337	-0.033195	-0.003451	0.025042	0.008355
	-0.022383	-0.019103	0.035259	-0.016415	-0.019219	-0.006097
	-0.026788	0.005334	-0.010001	-0.009669	0.028622	0.021343
	-0.020857	-0.000207	-0.064818	0.004369	-0.013902	0.022656
	-0.023549					
y350	0.001763	0.017616	-0.024881	0.001447	-0.015052	0.015240
	0.022759	0.012575	0.025364	-0.029648	0.005668	0.005799
	0.000497	-0.028817	0.007001	0.021745	0.035495	0.017806
	0.009987	0.012357	-0.009988	0.027290	-0.013635	-0.024249
	-0.030906	0.027473	0.019078	-0.022367	0.003228	0.008166
	-0.015751					
z350	-0.019377	0.015783	-0.024797	-0.043194	-0.025821	0.013293
	-0.003069	0.012110	-0.029156	-0.012116	-0.034017	-0.032676
	-0.005438	-0.002750	0.007094	0.014636	-0.001927	-0.013367
	-0.015323	0.035964	0.011758	0.016841	-0.023220	0.008474
	0.024720	-0.008568	-0.014722	0.015109	-0.020740	-0.018248
	-0.038351					
x351	-0.010456	0.015770	-0.004839	-0.004461	-0.001182	-0.006379
	-0.000454	0.037386	-0.019397	-0.005926	0.018798	0.009589
	-0.027778	-0.022464	0.040268	-0.014540	-0.025876	0.008924
	-0.029056	-0.011843	-0.014484	-0.023375	0.034672	0.014648
	-0.014986	-0.001240	-0.045933	0.013364	-0.013345	0.016407
	-0.009451					
y351	0.005148	0.022304	-0.020851	-0.001831	-0.015712	0.016634
	0.026639	0.010773	0.033683	-0.023646	0.003159	0.007339
	0.006594	-0.016489	0.004683	0.023040	0.041284	0.019374
	0.021794	0.008180	-0.002562	0.014462	-0.016961	-0.011325
	-0.035580	0.016357	0.026965	-0.038414	0.010161	0.016347
	-0.011983					
z351	-0.014324	0.015626	-0.026271	-0.047074	-0.028431	0.008437
	-0.005708	0.005509	-0.028970	-0.012171	-0.034110	-0.039570
	-0.008110	-0.000719	0.004920	0.017723	0.006034	0.000687
	-0.018948	0.030825	0.017186	0.025047	-0.006122	0.004089
	0.015218	-0.008580	0.007154	0.002028	-0.030587	-0.011062
	-0.056473					

x352	-0.011621	0.022379	-0.003789	-0.004544	0.000289	-0.011229
	0.003705	0.033095	-0.008020	-0.008054	0.012661	0.005526
	-0.032016	-0.024307	0.044192	-0.011410	-0.028247	0.018976
	-0.028712	-0.025505	-0.017889	-0.032243	0.042846	0.004820
	-0.006443	0.001059	-0.030965	0.018240	-0.014082	0.013803
	0.001380					
y352	0.007694	0.026504	-0.020036	-0.002347	-0.013676	0.019600
	0.025777	0.012213	0.035407	-0.018900	0.002799	0.006722
	0.005605	-0.005018	0.002791	0.025279	0.044855	0.020504
	0.026931	0.009294	-0.000772	0.010394	-0.018592	-0.001468
	-0.032216	0.007880	0.024824	-0.040503	0.004651	0.028952
	-0.021607					
z352	-0.011247	0.016110	-0.021814	-0.051648	-0.033272	0.000886
	-0.008226	-0.002662	-0.018070	-0.006627	-0.030604	-0.040799
	-0.002193	0.002900	0.001463	0.024247	0.012234	0.011732
	-0.014065	0.012084	0.018386	0.011605	0.010052	0.001836
	0.000137	-0.011358	0.028113	-0.021241	-0.023210	-0.017941
	-0.045372					
x353	-0.012624	0.027998	-0.006428	-0.005764	0.001621	-0.014126
	0.005996	0.028772	-0.002186	-0.008808	0.005800	-0.000451
	-0.032429	-0.025736	0.047854	-0.008685	-0.030737	0.024360
	-0.028265	-0.036512	-0.017163	-0.037525	0.046625	-0.002986
	0.000134	0.005266	-0.018305	0.022164	-0.013795	0.011934
	0.008061					
y353	0.010714	0.028752	-0.026238	-0.002140	-0.011539	0.021600
	0.022418	0.010356	0.028353	-0.017172	0.002406	-0.000097
	0.004163	-0.004459	-0.000225	0.028628	0.047297	0.019367
	0.025637	0.005346	0.006230	0.007307	-0.023917	0.005039
	-0.023728	0.007296	0.022085	-0.028576	-0.003630	0.036471
	-0.027518					
z353	-0.010559	0.018686	-0.014297	-0.054972	-0.037052	-0.003639
	-0.008606	-0.004498	-0.004957	-0.003820	-0.027802	-0.037307
	0.002582	0.011222	-0.002909	0.029148	0.015118	0.023726
	-0.007632	0.003587	0.013990	0.000801	0.024490	0.001335
	-0.012846	-0.019947	0.043430	-0.042958	-0.013858	-0.022162
	-0.032700					
x354	-0.013502	0.030907	-0.008286	-0.006764	0.002573	-0.016431
	0.008497	0.025670	0.003465	-0.009063	0.000868	-0.003461
	-0.031072	-0.027420	0.051059	-0.008210	-0.032499	0.026475
	-0.029019	-0.046220	-0.015257	-0.040943	0.045202	-0.007668
	0.001341	0.006824	-0.007820	0.023365	-0.011959	0.010301
	0.013376					

y354	0.013133	0.027664	-0.029827	-0.002193	-0.010710	0.023287
	0.022838	0.008216	0.023023	-0.018451	0.001551	-0.003170
	0.008401	-0.009106	-0.004269	0.028514	0.045688	0.014418
	0.021202	0.000080	0.011076	0.008522	-0.032905	0.010540
	-0.025414	0.004697	0.017621	-0.017857	-0.004495	0.038136
	-0.019707					
z354	-0.010584	0.022374	-0.008903	-0.056921	-0.038964	-0.007030
	-0.009843	-0.006649	0.003505	-0.002216	-0.025156	-0.034712
	0.004226	0.017429	-0.006409	0.031775	0.016859	0.034992
	-0.000592	-0.001758	0.011763	-0.005781	0.037148	-0.000574
	-0.015823	-0.023770	0.051804	-0.053645	-0.009450	-0.019740
	-0.029541					
x355	-0.014006	0.032149	-0.008976	-0.005758	0.003570	-0.018147
	0.010956	0.024855	0.008870	-0.010015	-0.002104	-0.002899
	-0.031146	-0.030533	0.051625	-0.011328	-0.031701	0.024921
	-0.026645	-0.048594	-0.009880	-0.041326	0.039245	-0.006742
	0.003858	0.010477	-0.002794	0.031990	-0.010127	0.012336
	0.020977					
y355	0.015417	0.027036	-0.030462	0.000757	-0.010518	0.024965
	0.024383	0.009331	0.021043	-0.022176	0.003321	-0.000432
	0.013358	-0.018295	-0.006255	0.023815	0.048703	0.011107
	0.025936	0.002770	0.017148	0.007966	-0.041785	0.019127
	-0.020881	0.011374	0.007485	0.000171	0.000101	0.040856
	0.000069					
z355	-0.011166	0.024631	-0.004883	-0.056462	-0.038607	-0.009491
	-0.010187	-0.009161	0.007879	-0.005076	-0.023717	-0.029902
	0.004880	0.019928	-0.013381	0.031978	0.013899	0.038303
	0.002440	-0.001274	0.011123	-0.004123	0.041801	-0.001800
	-0.019319	-0.021755	0.050769	-0.049582	-0.008726	-0.014844
	-0.026383					
x356	-0.014248	0.032292	-0.009952	-0.004446	0.005538	-0.019316
	0.013207	0.023974	0.012821	-0.010565	-0.004620	-0.001904
	-0.033475	-0.030945	0.048867	-0.016182	-0.028444	0.019870
	-0.026444	-0.044778	-0.002988	-0.035806	0.030067	-0.003474
	0.004545	0.014172	0.000104	0.034396	-0.007858	0.015935
	0.022399					
y356	0.017029	0.025993	-0.030769	0.004298	-0.009300	0.027093
	0.026211	0.010706	0.018751	-0.024300	0.003806	0.004079
	0.013901	-0.020321	-0.010399	0.019044	0.051211	0.008786
	0.027287	0.007633	0.020824	0.015729	-0.047042	0.023863
	-0.018254	0.017104	-0.005776	0.005492	0.010740	0.040810
	0.011249					

z356	-0.011897	0.026009	-0.001465	-0.052855	-0.036852	-0.011487
	-0.008513	-0.011369	0.010415	-0.013200	-0.023442	-0.022968
	0.004113	0.017447	-0.023754	0.029525	0.007563	0.035399
	0.005028	0.005535	0.013471	0.001006	0.041583	0.003134
	-0.019941	-0.011877	0.042255	-0.029384	-0.006535	-0.006509
	-0.014264					
x357	-0.014363	0.032327	-0.012915	-0.004891	0.007771	-0.019200
	0.014303	0.021709	0.015458	-0.009979	-0.006126	-0.002359
	-0.037923	-0.029547	0.046026	-0.017850	-0.023558	0.014840
	-0.024834	-0.037196	0.003548	-0.030366	0.019347	0.000293
	-0.000593	0.012712	0.004207	0.028731	-0.007411	0.018503
	0.017006					
y357	0.018723	0.025450	-0.032247	0.005300	-0.009433	0.029513
	0.026788	0.012017	0.016505	-0.026926	0.004506	0.007086
	0.008739	-0.020726	-0.011332	0.019086	0.051724	0.012106
	0.029149	0.014021	0.020465	0.020034	-0.052443	0.026765
	-0.019402	0.014402	-0.017923	0.012003	0.017923	0.036134
	0.022533					
z357	-0.012814	0.027981	0.001143	-0.048694	-0.034578	-0.012932
	-0.005617	-0.014285	0.011367	-0.024378	-0.022977	-0.015323
	0.000017	0.012415	-0.037150	0.026240	0.000250	0.030702
	0.007432	0.017543	0.016097	0.007164	0.040311	0.009461
	-0.019592	-0.000567	0.031394	-0.000779	-0.003577	0.004495
	-0.000358					
x358	-0.013497	0.030455	-0.018288	-0.006720	0.010981	-0.018036
	0.013719	0.020597	0.015461	-0.002196	-0.007897	-0.003558
	-0.036035	-0.020704	0.052349	-0.017818	-0.018384	0.012677
	-0.026249	-0.028705	0.009494	-0.024285	0.005743	0.001440
	-0.006690	0.010226	0.013890	0.002851	-0.006873	0.012175
	-0.000207					
y358	0.020658	0.023875	-0.034934	0.005484	-0.009041	0.031586
	0.024686	0.016660	0.014244	-0.021513	0.000721	0.008698
	0.009414	-0.012256	-0.000880	0.019744	0.045693	0.024466
	0.028241	0.015581	0.019324	0.019950	-0.056468	0.021942
	-0.021114	0.011067	-0.028062	0.003279	0.029656	0.018526
	0.027703					
z358	-0.013609	0.029571	0.002269	-0.043598	-0.030571	-0.014449
	-0.003087	-0.015080	0.009078	-0.032703	-0.026008	-0.007299
	0.002534	0.010979	-0.043070	0.021267	-0.012962	0.028073
	0.006583	0.026402	0.018638	0.011761	0.039384	0.012039
	-0.013703	0.013372	0.024098	0.023478	0.002139	0.010148
	0.006951					

x359	-0.010527	0.026635	-0.021555	-0.010190	0.014792	-0.017888
	0.010411	0.020910	0.014701	0.010624	-0.008362	-0.002982
	-0.038785	-0.005619	0.066613	-0.017877	-0.010761	0.013879
	-0.027545	-0.018675	0.016211	-0.019552	-0.009313	0.004425
	-0.016163	0.000328	0.020995	-0.042473	-0.000966	0.002371
	-0.018463					
y359	0.022680	0.022031	-0.035936	0.004605	-0.007932	0.032709
	0.020693	0.019346	0.014321	-0.013013	-0.003462	0.009557
	0.008257	-0.002273	0.011010	0.019995	0.037719	0.039980
	0.022777	0.013415	0.018018	0.014268	-0.058352	0.014790
	-0.022038	0.004359	-0.039550	-0.014405	0.041358	-0.007198
	0.030544					
z359	-0.012904	0.031131	0.005603	-0.039492	-0.024214	-0.017939
	-0.003051	-0.016435	0.007612	-0.040375	-0.024746	0.002151
	0.000995	0.013064	-0.041504	0.019049	-0.021591	0.032051
	0.008151	0.031388	0.019564	0.014446	0.038572	0.014994
	-0.005837	0.017762	0.009119	0.023225	0.014644	0.009823
	0.017754					
x360	0.010031	-0.012676	-0.009948	-0.017843	-0.005243	0.045029
	-0.009351	0.047842	-0.013148	0.007610	-0.005719	0.011644
	0.007454	-0.009098	0.024597	-0.010552	0.013996	-0.043081
	-0.015482	0.021594	-0.021948	-0.011623	0.010993	-0.011259
	-0.027388	0.017515	-0.017369	0.018683	-0.017965	0.014018
	0.015066					
y360	-0.011276	0.023841	0.020805	0.015399	-0.012069	0.009577
	0.002434	-0.016809	0.036827	-0.003649	-0.026741	0.017495
	-0.010355	0.013365	0.020497	0.000792	-0.011274	0.035369
	-0.014150	-0.031768	-0.001055	0.018288	0.004477	0.018951
	-0.024598	-0.018063	0.032209	-0.019745	0.016736	0.015772
	-0.016928					
z360	0.002002	-0.025508	-0.025144	-0.019396	-0.009521	0.021615
	-0.027828	-0.006035	-0.045267	-0.014186	0.019104	0.010479
	-0.028499	-0.013385	0.013157	-0.006958	0.005289	-0.027052
	0.014772	0.005571	0.031778	-0.016076	0.010739	-0.008362
	0.011746	-0.008089	-0.003994	0.019812	0.015551	-0.009486
	0.003589					
x361	0.009673	-0.000946	-0.009641	-0.015304	-0.002280	0.038071
	-0.002346	0.039030	-0.003801	-0.003934	-0.014152	0.012048
	0.010686	-0.008166	0.022720	-0.007723	0.006377	-0.022795
	-0.017747	0.013706	-0.009873	-0.011773	0.000677	-0.003071
	-0.023980	0.003504	-0.001516	0.002877	-0.013867	0.021429
	0.006528					

y361	-0.009653	0.021372	0.021369	0.017233	-0.013839	0.010383
	-0.002511	-0.012957	0.038781	0.004058	-0.028431	0.013064
	-0.012751	0.013382	0.013033	-0.007728	-0.009915	0.032403
	-0.009181	-0.024858	-0.004405	0.016961	0.000673	0.014517
	-0.015930	-0.017715	0.023906	-0.003464	0.003791	0.020310
	-0.015992					
z361	0.006301	-0.026585	-0.019813	-0.014156	-0.009451	0.016543
	-0.032926	-0.008144	-0.045189	-0.008653	0.027163	0.008245
	-0.026621	-0.016365	0.017678	-0.004581	0.006851	-0.013001
	0.008855	-0.002151	0.028784	-0.017267	-0.003429	-0.019640
	0.023547	0.000109	-0.005615	0.017717	0.001508	0.000880
	0.017982					
x362	0.008682	0.009675	-0.011791	-0.014096	0.000295	0.032739
	0.005967	0.033292	0.003377	-0.013160	-0.020998	0.010532
	0.016301	-0.006224	0.020429	-0.002120	0.001702	-0.006261
	-0.018460	0.006201	-0.000195	-0.007009	-0.010642	0.002428
	-0.020810	-0.005230	0.012208	-0.011618	-0.006071	0.025350
	-0.007167					
y362	-0.008818	0.019148	0.021464	0.018789	-0.014841	0.010882
	-0.006770	-0.011261	0.039982	0.009130	-0.031817	0.009904
	-0.013967	0.012892	0.007128	-0.015077	-0.011410	0.029156
	-0.005030	-0.018324	-0.007619	0.011610	0.002028	0.010823
	-0.010184	-0.017824	0.019346	0.007128	-0.007715	0.018936
	-0.018064					
z362	0.007422	-0.025629	-0.016029	-0.012958	-0.013543	0.011534
	-0.033550	-0.013187	-0.043896	-0.007949	0.023498	0.007588
	-0.020014	-0.020700	0.021584	-0.002991	-0.000781	0.002933
	-0.002510	-0.013538	0.025783	-0.025296	-0.005111	-0.030287
	0.022672	0.012551	-0.001242	0.007272	-0.006403	0.000423
	0.017179					
x363	0.007420	0.017485	-0.014308	-0.013786	0.003009	0.028135
	0.010589	0.031851	0.005932	-0.018191	-0.025736	0.010526
	0.018387	-0.007500	0.018807	0.002476	-0.001927	0.007175
	-0.021593	-0.001286	0.006148	-0.002866	-0.019034	0.005352
	-0.017712	-0.008442	0.021607	-0.021121	-0.004332	0.023214
	-0.015700					
y363	-0.008512	0.017780	0.021370	0.020235	-0.014404	0.012287
	-0.008549	-0.010427	0.041739	0.009662	-0.033701	0.007220
	-0.012683	0.015891	0.002748	-0.018494	-0.011065	0.025782
	0.001777	-0.009539	-0.011111	0.008710	0.002845	0.008616
	-0.006224	-0.020504	0.014985	0.013040	-0.011951	0.021624
	-0.021879					

z363	0.006663	-0.022759	-0.012643	-0.013209	-0.017342	0.010295
	-0.030018	-0.017411	-0.039501	-0.013608	0.018677	0.005242
	-0.007728	-0.016677	0.025026	-0.000692	-0.005194	0.013637
	-0.005861	-0.018728	0.023494	-0.026156	-0.006559	-0.038771
	0.023214	0.018542	0.002810	-0.005370	0.001388	0.008524
	0.005365					
x364	0.006511	0.022974	-0.015196	-0.014387	0.005193	0.025433
	0.014042	0.031377	0.005809	-0.018799	-0.028352	0.013808
	0.021238	-0.009159	0.020504	0.001302	-0.005376	0.015770
	-0.020148	-0.005371	0.009176	0.005417	-0.024959	0.005188
	-0.016967	-0.007487	0.027370	-0.024630	0.001576	0.022585
	-0.019235					
y364	-0.008373	0.016686	0.020266	0.021148	-0.012623	0.012865
	-0.009755	-0.011067	0.041991	0.008874	-0.033220	0.003680
	-0.012739	0.017863	-0.001141	-0.016110	-0.009762	0.023401
	0.004932	-0.002645	-0.012112	0.004605	0.003376	0.007467
	-0.003354	-0.024936	0.012671	0.015038	-0.018869	0.021751
	-0.026365					
z364	0.005242	-0.019624	-0.011046	-0.013740	-0.019443	0.008811
	-0.028438	-0.020144	-0.035458	-0.020422	0.013979	0.001134
	-0.000823	-0.014307	0.023947	0.004131	-0.007895	0.022187
	-0.011351	-0.023275	0.025282	-0.029908	-0.005374	-0.043316
	0.023160	0.019620	0.006616	-0.018477	0.003040	0.012365
	-0.006234					
x365	0.006373	0.026614	-0.016177	-0.015347	0.006264	0.023257
	0.014913	0.030277	0.001353	-0.016846	-0.030410	0.019548
	0.022684	-0.009844	0.022541	-0.001418	-0.008823	0.018935
	-0.015877	-0.004407	0.010070	0.010710	-0.022303	0.003635
	-0.016313	-0.004563	0.036536	-0.017605	0.005185	0.012530
	-0.018785					
y365	-0.008273	0.016152	0.019261	0.021699	-0.010194	0.013732
	-0.009763	-0.011990	0.041876	0.007926	-0.030566	0.000597
	-0.012136	0.019654	-0.002303	-0.012762	-0.007446	0.023218
	0.005868	0.001620	-0.012485	0.002884	0.001007	0.006426
	-0.001172	-0.028436	0.008959	0.013333	-0.022769	0.021143
	-0.030227					
z365	0.004089	-0.015330	-0.008402	-0.013951	-0.020513	0.006985
	-0.029007	-0.022558	-0.031909	-0.024247	0.012278	0.000176
	0.001879	-0.010479	0.020652	0.005821	-0.007857	0.027868
	-0.012726	-0.021627	0.027592	-0.030105	-0.004106	-0.043950
	0.021071	0.018877	0.005906	-0.023293	0.009603	0.016217
	-0.013164					

x366	0.006164	0.028345	-0.016008	-0.016542	0.008273	0.022418
	0.015339	0.030596	-0.000825	-0.012102	-0.026659	0.024655
	0.019965	-0.008851	0.025242	-0.003708	-0.007075	0.018870
	-0.008631	-0.000367	0.010692	0.016243	-0.019471	0.005587
	-0.015738	-0.009293	0.036286	-0.008076	0.011050	0.011464
	-0.013736					
y366	-0.008023	0.016334	0.018652	0.021844	-0.007403	0.014346
	-0.010162	-0.014001	0.039212	0.006527	-0.027433	-0.000373
	-0.011477	0.020933	-0.002271	-0.009367	-0.004710	0.023290
	0.005889	0.005182	-0.012688	0.002847	0.000354	0.003538
	-0.002701	-0.028626	0.007407	0.010600	-0.023786	0.014341
	-0.034431					
z366	0.003292	-0.009501	-0.004634	-0.013824	-0.021397	0.003930
	-0.032074	-0.025895	-0.029602	-0.025803	0.011537	0.003638
	0.000962	-0.004626	0.014347	0.004658	-0.007206	0.030539
	-0.009941	-0.014065	0.030067	-0.027444	0.001918	-0.041455
	0.015355	0.018211	0.005036	-0.017966	0.021371	0.015333
	-0.015967					
x367	0.004502	0.028947	-0.016119	-0.017527	0.012029	0.020543
	0.014932	0.030770	-0.001476	-0.005449	-0.024184	0.030285
	0.012926	-0.009828	0.025091	-0.006129	-0.007102	0.014223
	-0.005069	0.000685	0.008813	0.019507	-0.015258	0.007825
	-0.022795	-0.008896	0.034841	-0.006786	0.014159	0.005526
	-0.005701					
y367	-0.007171	0.016920	0.018438	0.021442	-0.004356	0.015441
	-0.010516	-0.016606	0.034093	0.004815	-0.021954	-0.000880
	-0.010128	0.022777	-0.000265	-0.004610	-0.000465	0.023705
	0.006133	0.010350	-0.012545	0.004653	0.000477	0.000191
	-0.003425	-0.029760	0.006740	0.009754	-0.020568	0.007566
	-0.039658					
z367	0.002375	-0.002817	-0.000575	-0.013358	-0.021878	-0.000287
	-0.035942	-0.029445	-0.025326	-0.027430	0.010682	0.008012
	-0.002867	0.000529	0.004977	0.000595	-0.006969	0.032279
	-0.005769	-0.005148	0.032919	-0.024437	0.011288	-0.036009
	0.005924	0.016708	0.003269	-0.009790	0.033301	0.012003
	-0.015370					
x368	0.003638	0.027605	-0.018072	-0.018478	0.014742	0.019352
	0.017341	0.032706	-0.004110	0.003774	-0.020146	0.026775
	0.006991	-0.008603	0.031444	-0.003641	-0.003579	0.015127
	-0.004020	-0.002397	0.002337	0.022028	-0.015224	0.011549
	-0.021062	-0.011172	0.027974	-0.012389	0.011340	0.009536
	0.003668					

y368	-0.006319	0.018085	0.017960	0.020605	-0.000228	0.016528
	-0.011449	-0.020007	0.026875	0.002201	-0.015173	0.001122
	-0.007933	0.024299	0.003045	0.000198	0.003923	0.022528
	0.006672	0.015324	-0.011656	0.007713	0.002467	-0.003382
	-0.007866	-0.029438	0.007367	0.009429	-0.013736	-0.004431
	-0.043474					
z368	0.001311	0.005360	0.003856	-0.011962	-0.021999	-0.006413
	-0.038883	-0.031532	-0.019143	-0.029021	0.010803	0.010036
	-0.008273	0.006642	-0.005854	-0.003191	-0.004670	0.035661
	-0.000236	0.003810	0.034427	-0.020495	0.020601	-0.026006
	-0.004832	0.010286	-0.003729	-0.001398	0.044661	0.014178
	-0.011641					
x369	0.001468	0.023898	-0.021021	-0.022188	0.019689	0.018311
	0.021384	0.036774	-0.009892	0.013475	-0.021752	0.024971
	-0.002801	-0.009265	0.041194	0.000943	-0.006310	0.012986
	-0.005869	-0.011031	0.001349	0.024663	-0.017243	0.018119
	-0.008349	-0.007290	0.030438	-0.022449	-0.000037	0.005522
	0.013163					
y369	-0.005415	0.019525	0.016733	0.018920	0.003310	0.017549
	-0.012023	-0.024108	0.018615	-0.001616	-0.005547	0.003658
	-0.004382	0.025322	0.008649	0.005946	0.008128	0.021747
	0.007867	0.019824	-0.012122	0.011145	0.005407	-0.007670
	-0.014961	-0.027442	0.008498	0.010838	-0.006248	-0.021325
	-0.044808					
z369	-0.001401	0.012777	0.007685	-0.012754	-0.019420	-0.014282
	-0.038444	-0.029925	-0.014339	-0.029787	0.005948	0.014548
	-0.017574	0.008730	-0.014941	-0.005527	-0.006581	0.036781
	0.006460	0.006238	0.037584	-0.015583	0.029941	-0.011350
	-0.008417	0.003448	-0.004555	0.002999	0.047508	0.011120
	-0.001613					
x370	-0.013609	-0.005695	0.009929	-0.004704	-0.007245	0.038294
	-0.060065	0.012174	0.010022	-0.031244	-0.001274	0.009212
	0.006307	0.006369	-0.015344	0.011606	-0.003858	-0.020759
	0.015448	-0.011373	0.006454	-0.008279	0.027629	-0.019927
	0.018528	-0.008458	-0.015006	0.028625	0.014442	0.007833
	0.052772					
y370	-0.015329	0.009187	0.009383	0.011571	-0.002019	-0.018500
	-0.016755	-0.018859	0.008555	0.011390	-0.002726	0.021499
	-0.008731	0.028338	0.016968	0.017700	0.015206	0.002171
	0.000089	-0.046714	-0.007310	0.022678	-0.018050	0.010140
	-0.007828	0.005318	0.026974	0.027856	-0.027755	-0.017192
	-0.029331					

z370	-0.001293	-0.012663	-0.040486	-0.034126	0.010840	0.002421
	0.007632	-0.004195	-0.021918	-0.008003	0.021752	-0.002865
	-0.052395	-0.042388	-0.013889	-0.024255	0.015303	-0.016676
	0.000120	0.023015	0.051688	0.022378	0.008468	-0.012989
	-0.046906	-0.024335	-0.023073	-0.034713	0.021774	0.004971
	0.019441					
x371	-0.015654	-0.004657	0.013766	-0.007367	0.000952	0.033621
	-0.058878	0.010416	0.015404	-0.029351	0.002358	0.021457
	0.000361	0.004288	-0.020003	-0.000599	0.000966	-0.022529
	0.030496	-0.011518	0.010754	0.000289	0.025592	-0.018056
	0.015806	-0.023972	-0.013065	0.013000	0.022305	0.014659
	0.044370					
y371	-0.013850	0.005136	0.007464	0.015005	-0.006182	-0.014015
	-0.020657	-0.026426	0.007309	0.016262	-0.002808	0.012495
	-0.005668	0.030943	0.014800	0.022394	0.008193	0.005959
	-0.005956	-0.035894	-0.001239	0.021549	-0.007500	0.005027
	-0.007939	0.008642	0.024958	0.024611	-0.021601	-0.002459
	-0.029107					
z371	-0.000161	-0.006281	-0.031515	-0.027621	0.016028	-0.004178
	0.003013	-0.004199	-0.020955	-0.000072	0.022291	0.008718
	-0.034393	-0.029529	-0.012783	-0.023714	0.007323	-0.009460
	-0.000205	0.023698	0.036678	0.015078	-0.003976	-0.020662
	-0.023977	-0.008111	-0.019041	-0.025314	-0.004005	0.006545
	0.004796					
x372	-0.017022	-0.002514	0.017422	-0.010027	0.007803	0.032567
	-0.055213	0.008060	0.023053	-0.025787	0.004451	0.036897
	-0.001812	-0.002905	-0.017792	-0.004595	-0.005251	-0.020111
	0.032028	-0.018572	0.009906	-0.000557	0.023599	-0.014488
	0.021034	-0.030251	-0.013464	0.003708	0.029955	0.012690
	0.045218					
y372	-0.012526	0.004032	0.008880	0.017771	-0.009430	-0.005931
	-0.021375	-0.033795	0.012716	0.023089	0.002363	0.012654
	-0.006584	0.029615	0.016774	0.032119	-0.005513	0.012830
	-0.014826	-0.026554	-0.001381	0.010941	0.002346	0.007364
	-0.002569	0.019686	0.018165	0.027519	-0.013273	-0.001081
	-0.018692					
z372	0.000605	-0.001079	-0.022523	-0.025497	0.019389	-0.007932
	0.003419	-0.006792	-0.018363	0.010467	0.020388	0.022511
	-0.013855	-0.026684	-0.005236	-0.017422	-0.005076	-0.003193
	-0.008953	0.018615	0.022766	0.003562	-0.014429	-0.026920
	-0.000072	0.008958	-0.017486	-0.015553	-0.022461	0.008508
	-0.003585					

x373	-0.018872	-0.000700	0.017482	-0.013873	0.013035	0.029759
	-0.050111	0.006380	0.026179	-0.026987	0.003107	0.046409
	-0.004201	-0.009670	-0.013646	-0.010066	-0.003956	-0.018397
	0.038802	-0.024527	0.011337	0.003005	0.019349	-0.017960
	0.020058	-0.035686	-0.013666	-0.004706	0.031721	0.014224
	0.037899					
y373	-0.011372	0.003787	0.006769	0.018719	-0.014016	0.001651
	-0.020837	-0.038829	0.014219	0.020514	0.003824	0.007881
	-0.008038	0.029502	0.019144	0.039505	-0.006200	0.017647
	-0.013753	-0.022251	0.002832	0.006809	0.014400	0.003503
	-0.005950	0.026492	0.004493	0.027158	-0.010237	0.007545
	-0.011801					
z373	0.000547	0.002773	-0.016978	-0.024929	0.021198	-0.012638
	0.003895	-0.007547	-0.019897	0.015360	0.015741	0.030686
	0.004135	-0.025051	0.001326	-0.012623	-0.010113	0.000888
	-0.014112	0.015123	0.013676	-0.003708	-0.023192	-0.037392
	0.015670	0.022641	-0.017132	-0.008016	-0.039250	0.012507
	-0.015502					
x374	-0.020868	0.000561	0.017160	-0.017164	0.018854	0.024995
	-0.046854	0.004947	0.027030	-0.025282	0.002886	0.053130
	-0.008369	-0.015781	-0.011749	-0.015204	-0.001388	-0.020967
	0.040663	-0.028564	0.009363	0.005332	0.013463	-0.021505
	0.020540	-0.037042	-0.010512	-0.007131	0.028442	0.015058
	0.025990					
y374	-0.011152	0.003513	0.006633	0.019178	-0.015276	0.004379
	-0.023215	-0.043267	0.014603	0.020556	0.006981	0.003818
	-0.010593	0.027915	0.015888	0.045143	-0.002402	0.015484
	-0.016868	-0.017115	0.001410	-0.000658	0.021587	-0.000676
	-0.001961	0.032634	-0.002234	0.033389	-0.010110	0.013175
	-0.015779					
z374	0.000471	0.005571	-0.012822	-0.024822	0.022931	-0.017338
	0.003389	-0.007534	-0.022569	0.018427	0.012484	0.035929
	0.017391	-0.025342	0.004366	-0.010930	-0.010287	0.002082
	-0.019755	0.014720	0.008114	-0.009136	-0.029618	-0.045708
	0.026162	0.030700	-0.014423	-0.002148	-0.051222	0.016848
	-0.024078					
x375	-0.022431	0.001875	0.016387	-0.019198	0.023636	0.021138
	-0.044061	0.004093	0.027312	-0.023269	0.001848	0.057753
	-0.012786	-0.017812	-0.009265	-0.018850	-0.002569	-0.020498
	0.041162	-0.033599	0.007295	0.007878	0.008011	-0.020212
	0.017818	-0.038329	-0.008177	-0.009805	0.026663	0.011490
	0.018586					

y375	-0.011925	0.003075	0.007632	0.020292	-0.014805	0.004312
	-0.025088	-0.045527	0.014782	0.020284	0.005710	-0.000246
	-0.011317	0.022973	0.013331	0.044329	0.003298	0.014078
	-0.019232	-0.012794	0.001837	-0.007688	0.023342	0.000404
	0.002524	0.033032	-0.004767	0.036824	-0.017943	0.011784
	-0.027759					
z375	0.001023	0.008148	-0.010358	-0.024612	0.023620	-0.019682
	0.002533	-0.006674	-0.024810	0.019804	0.011818	0.039985
	0.025880	-0.020228	0.008658	-0.008499	-0.011450	0.004617
	-0.021772	0.016012	0.006117	-0.010307	-0.032657	-0.050487
	0.028907	0.032965	-0.012618	0.000282	-0.048564	0.019056
	-0.024464					
x376	-0.023184	0.004097	0.015029	-0.020349	0.027172	0.017935
	-0.041516	0.003269	0.027283	-0.021118	0.001872	0.061480
	-0.016775	-0.013364	-0.005666	-0.018956	-0.006721	-0.017886
	0.040221	-0.038418	0.005231	0.011654	0.003162	-0.015724
	0.013381	-0.040631	-0.007858	-0.013704	0.029953	0.004793
	0.018604					
y376	-0.012409	0.003713	0.009192	0.021326	-0.013645	0.005022
	-0.028074	-0.046673	0.015534	0.020058	0.005206	-0.001649
	-0.008773	0.022190	0.011416	0.043536	0.010813	0.013556
	-0.019129	-0.009372	0.004508	-0.014058	0.023885	0.002584
	0.009616	0.027889	-0.009967	0.034096	-0.023737	0.006541
	-0.030713					
z376	0.002577	0.011021	-0.009197	-0.024267	0.023218	-0.020414
	0.001330	-0.006377	-0.026646	0.019342	0.014131	0.043370
	0.029385	-0.010299	0.014019	-0.005530	-0.013704	0.008970
	-0.022210	0.018337	0.006041	-0.008083	-0.032953	-0.051931
	0.024181	0.032738	-0.010595	0.001921	-0.032824	0.018914
	-0.019577					
x377	-0.023383	0.007479	0.012505	-0.019653	0.030149	0.013732
	-0.038297	0.002457	0.025921	-0.018424	0.001307	0.063820
	-0.020202	-0.003860	-0.000042	-0.017741	-0.013852	-0.014010
	0.034742	-0.042339	0.002246	0.018567	-0.005273	-0.011223
	0.008323	-0.039767	-0.006277	-0.014421	0.030004	-0.004220
	0.021013					
y377	-0.012269	0.005804	0.012532	0.023701	-0.011943	0.007003
	-0.031551	-0.047295	0.017815	0.017858	0.007046	0.004027
	-0.008854	0.027157	0.011054	0.042185	0.014586	0.011341
	-0.019776	-0.006130	0.011998	-0.017253	0.018692	-0.003562
	0.011304	0.027252	-0.015949	0.032672	-0.020791	0.002311
	-0.024207					

z377	0.004468	0.014188	-0.010802	-0.024333	0.022643	-0.020841
	-0.000389	-0.005671	-0.029017	0.016959	0.014776	0.041800
	0.032576	-0.000822	0.019085	-0.005370	-0.010784	0.013621
	-0.017915	0.019386	0.007796	-0.005496	-0.028505	-0.042860
	0.019624	0.025456	-0.008617	0.003274	-0.018846	0.015374
	-0.015371					
x378	-0.022746	0.011981	0.008536	-0.017462	0.031752	0.009222
	-0.034369	0.000643	0.023170	-0.015024	-0.000430	0.062086
	-0.021719	0.010070	0.007294	-0.014590	-0.022425	-0.006701
	0.024133	-0.045912	-0.001858	0.027512	-0.016080	-0.006328
	0.006513	-0.034042	-0.002706	-0.011957	0.026097	-0.015364
	0.024099					
y378	-0.011665	0.010151	0.015493	0.025681	-0.006712	0.009455
	-0.037064	-0.046140	0.021375	0.014565	0.012929	0.015866
	-0.009671	0.038032	0.014097	0.038257	0.017546	0.004926
	-0.017544	-0.002003	0.020298	-0.019937	0.007761	-0.007155
	0.005155	0.021995	-0.024122	0.030283	-0.016647	-0.004474
	-0.014260					
z378	0.006107	0.017185	-0.014089	-0.023454	0.019243	-0.022223
	-0.000356	-0.006574	-0.032275	0.012105	0.010383	0.032793
	0.036303	0.006580	0.019472	-0.007456	-0.004747	0.019575
	-0.015084	0.019285	0.014868	0.000514	-0.016091	-0.034177
	0.017489	0.016624	-0.004068	0.004122	-0.001677	0.010401
	-0.010232					
x379	-0.022080	0.016089	0.006561	-0.015730	0.032501	0.005407
	-0.031286	-0.001179	0.021913	-0.010886	-0.002252	0.057912
	-0.026610	0.020065	0.009445	-0.009476	-0.027417	0.000547
	0.014201	-0.049535	-0.006658	0.037521	-0.020553	-0.002363
	0.000244	-0.025269	-0.005084	-0.011913	0.015112	-0.012796
	0.025496					
y379	-0.010475	0.015411	0.015852	0.027568	0.000796	0.010558
	-0.041581	-0.045653	0.024233	0.011531	0.018290	0.027550
	-0.007585	0.050652	0.019152	0.032101	0.020422	-0.002736
	-0.021073	0.002751	0.026949	-0.022255	-0.003386	-0.010702
	-0.001948	0.011625	-0.030264	0.025331	-0.011410	-0.013650
	-0.007636					
z379	0.005455	0.018307	-0.013050	-0.027227	0.016748	-0.026709
	0.001693	-0.005634	-0.032105	0.008146	0.005796	0.022849
	0.031966	0.002270	0.006818	-0.009428	0.005374	0.022849
	-0.004399	0.016800	0.022151	0.008229	0.012879	-0.023738
	0.008608	0.002138	-0.012189	0.000895	0.003942	0.020371
	0.003354					

x380	0.009080	-0.016068	-0.052395	0.026285	-0.023683	-0.010243
	0.013780	-0.028082	0.050057	0.017105	0.013480	0.020773
	0.018712	0.063068	0.029196	-0.085359	0.029237	-0.001918
	-0.067312	0.072391	0.021932	0.097948	0.004370	-0.054176
	-0.135779	-0.006143	-0.050832	-0.025917	0.044585	0.064774
	0.000265					
y380	-0.014048	0.006231	0.010013	0.084934	-0.011285	-0.025089
	0.031691	-0.000352	-0.068363	0.029262	-0.047853	0.038376
	0.032485	0.021312	-0.028369	0.004542	0.024947	0.026579
	-0.101480	-0.010229	0.021949	0.104663	-0.038773	-0.153963
	-0.015705	0.076933	-0.064842	0.008639	0.065232	0.034254
	0.061934					
z380	0.019317	0.029737	-0.009587	0.014457	-0.030343	0.028447
	-0.016379	0.029416	-0.086492	-0.052251	-0.018127	-0.010625
	-0.070734	0.059204	0.055094	0.009792	0.043231	0.043933
	0.080161	0.027143	0.030460	0.057221	-0.175868	-0.066323
	0.078503	-0.060746	-0.029376	0.072091	0.022649	-0.145288
	0.031640					
x381	0.000602	-0.009898	-0.039364	0.019219	-0.006150	-0.012707
	0.029113	-0.009794	0.033623	0.029835	0.005740	-0.000925
	0.026753	0.052568	-0.027404	-0.070007	0.055425	0.043241
	-0.057296	0.019847	0.030878	0.024520	0.027559	-0.092882
	-0.101359	0.012693	-0.015950	0.014099	0.041832	0.074444
	-0.002756					
y381	-0.005980	0.007596	0.001134	0.079436	0.004577	-0.026011
	0.031393	0.015616	-0.054955	0.019769	-0.038432	0.022614
	0.007667	0.009749	-0.046099	0.002951	0.056723	0.050414
	-0.077124	-0.017789	0.017088	0.055296	-0.001159	-0.140522
	0.003466	0.079768	-0.019826	-0.028400	0.039318	0.026273
	0.014842					
z381	0.021073	0.031349	-0.015752	0.011509	-0.029033	0.017653
	-0.038826	0.019353	-0.068271	-0.030708	0.002067	-0.027779
	-0.051005	0.055220	0.066711	-0.020757	0.027211	0.033123
	0.101156	0.023684	0.043956	0.040354	-0.162657	-0.047115
	0.069944	-0.009375	-0.002361	0.056141	-0.015445	-0.117307
	-0.000826					
x382	-0.001272	-0.004965	-0.035881	0.012898	-0.002794	-0.007166
	-0.002175	0.013298	0.021066	0.013389	0.008400	0.000914
	0.021015	0.062314	-0.038781	-0.039321	0.066723	0.024177
	-0.061640	0.015927	0.037917	-0.038651	-0.006128	-0.055491
	-0.083056	0.019744	-0.006159	-0.024473	0.024369	0.019235
	-0.008793					

y382	-0.003509	0.008412	-0.002375	0.075799	0.002904	-0.037301
	0.023952	0.051651	-0.042465	0.016505	-0.031384	-0.003579
	-0.015606	0.001312	-0.090803	0.026328	0.084918	0.064259
	-0.102214	-0.036366	0.007054	0.006350	0.037561	-0.144764
	0.006915	0.090318	0.014626	-0.024236	0.032506	0.008932
	-0.002727					
z382	0.017665	0.037755	-0.018953	0.000420	-0.020198	0.002734
	-0.056183	0.017668	-0.044670	-0.012450	0.014855	-0.069436
	-0.019576	0.046772	0.058474	-0.063513	0.026968	0.026525
	0.112838	0.004909	0.026899	0.002180	-0.125998	-0.051481
	0.072767	0.037981	0.027791	0.037306	-0.037041	-0.079224
	-0.026962					
x383	-0.004690	-0.007137	-0.030582	0.020421	-0.002967	-0.000600
	-0.011601	0.030321	0.006701	0.010756	0.005567	-0.006349
	0.001727	0.075306	-0.045784	-0.008597	0.067062	0.033434
	-0.061070	0.015747	0.047508	-0.051038	-0.020849	-0.031866
	-0.058936	0.029444	-0.002379	-0.019423	0.046121	-0.011208
	0.014940					
y383	0.001895	0.000002	-0.017284	0.081476	-0.015811	-0.032005
	0.002395	0.087938	-0.032078	0.005338	-0.023337	-0.008752
	-0.063064	0.012618	-0.082633	0.054736	0.089972	0.076037
	-0.107119	0.012635	-0.007956	0.017922	0.036020	-0.092218
	0.024909	0.095891	0.020430	-0.022422	0.055736	-0.012861
	-0.009665					
z383	0.018724	0.030167	-0.023563	0.001570	-0.022848	-0.006248
	-0.066891	0.027546	-0.034259	0.016726	0.025376	-0.104088
	-0.038114	0.041476	0.089113	-0.081854	0.026885	0.032998
	0.116953	0.006573	-0.004283	0.018965	-0.118694	-0.029113
	0.081845	0.068184	0.038156	0.030720	-0.022636	-0.067236
	0.009706					
x384	-0.009983	-0.004869	-0.022692	0.017000	-0.002164	-0.001650
	-0.008720	0.020172	-0.002152	0.012886	0.007787	-0.004174
	0.022749	0.080138	-0.050390	-0.012647	0.061558	0.019630
	-0.054662	0.008240	0.052084	-0.042573	-0.045990	-0.010735
	-0.071758	0.022094	-0.011747	-0.035932	0.040384	-0.025239
	-0.000622					
y384	0.000415	0.003176	-0.017655	0.070712	-0.025057	-0.028691
	0.002393	0.063689	-0.025076	-0.010301	-0.021388	-0.000320
	-0.055206	-0.001392	-0.074324	0.016512	0.066204	0.074250
	-0.073645	0.038336	-0.020448	0.055747	0.017764	-0.062166
	-0.013435	0.066806	-0.007779	0.005301	0.043525	-0.019663
	-0.057496					

z384	0.011656	0.032557	-0.028624	0.011949	-0.021884	-0.025814
	-0.079827	0.020968	-0.009584	0.024304	0.038822	-0.127423
	-0.022920	0.039657	0.087859	-0.103574	0.014469	0.040990
	0.072156	-0.005877	-0.032208	0.027689	-0.118402	-0.025011
	0.052515	0.112380	0.022321	-0.000400	-0.069405	-0.050393
	0.025926					
x385	-0.007436	-0.006089	-0.024641	0.017222	-0.001667	-0.010414
	-0.022597	0.034526	-0.002636	0.011427	0.007257	-0.003040
	0.018643	0.072497	-0.056791	-0.003802	0.058285	0.017066
	-0.068817	-0.011890	0.047598	-0.038253	-0.051400	0.035899
	-0.054008	0.011905	-0.028435	0.007525	0.044476	-0.037787
	-0.004930					
y385	-0.001914	0.005777	-0.009407	0.057565	-0.029670	-0.018079
	0.019616	0.043911	-0.017570	-0.010887	-0.018444	0.009070
	-0.048262	-0.014374	-0.059452	0.007798	0.065776	0.055768
	-0.039001	0.035060	-0.023081	0.033556	0.056337	-0.056344
	-0.027192	0.049266	0.007543	-0.025865	0.019999	0.012420
	-0.050841					
z385	0.009693	0.033387	-0.029646	0.016720	-0.016731	-0.032639
	-0.066962	0.003095	-0.005190	0.026600	0.031592	-0.126033
	-0.001206	0.035784	0.081736	-0.107854	0.006735	0.032843
	0.063737	-0.007324	-0.025244	0.035989	-0.064336	-0.042631
	0.032600	0.119861	0.004352	-0.008930	-0.089457	0.008523
	0.019363					
x386	-0.005317	-0.002085	-0.023155	0.003884	-0.006555	-0.012162
	-0.026275	0.036619	-0.008328	0.014096	0.018011	-0.016358
	0.006639	0.067217	-0.063441	-0.002091	0.051194	0.011397
	-0.057267	0.008931	0.069230	-0.018437	-0.044392	0.047730
	-0.021368	0.038253	-0.041597	0.049787	0.025890	-0.052526
	0.030243					
y386	-0.001368	0.003160	-0.002414	0.052606	-0.026930	-0.010956
	0.031891	0.025250	-0.000641	-0.001648	-0.009819	0.022716
	-0.039959	-0.014161	-0.041817	0.016927	0.074633	0.017900
	-0.013610	-0.000871	-0.037834	0.002766	0.062977	-0.049038
	-0.030265	0.022159	0.007013	-0.054536	0.016524	0.016703
	-0.070760					
z386	0.009920	0.030804	-0.033034	0.022524	-0.004466	-0.027480
	-0.061073	-0.011122	-0.009790	0.019447	0.021219	-0.118651
	0.022199	0.027992	0.066490	-0.107880	0.009857	0.011008
	0.085970	-0.032029	-0.019279	0.032279	-0.016282	-0.014395
	0.018951	0.096531	-0.002758	-0.033006	-0.064971	0.064159
	-0.027391					

x387	-0.007895	0.001555	-0.019621	-0.002796	-0.019261	-0.011571
	-0.031503	0.022998	-0.010182	0.018739	0.015021	-0.021932
	0.009050	0.059981	-0.048022	-0.008610	0.047000	0.011852
	-0.036638	-0.005774	0.049387	0.000355	-0.035193	0.026001
	-0.005804	0.028086	-0.012397	0.050265	0.002446	-0.040306
	0.053148					
y387	0.003168	-0.000786	0.003826	0.040974	-0.019173	-0.008743
	0.038771	0.024910	0.013379	0.004089	0.005153	0.034887
	-0.033786	-0.015092	-0.030496	0.028461	0.068568	-0.016319
	-0.007045	-0.022433	-0.029808	-0.017076	0.059625	-0.017070
	-0.040948	-0.011630	-0.016256	-0.021922	0.031833	0.010108
	-0.081268					
z387	0.013843	0.028275	-0.032237	0.029674	0.005338	-0.027699
	-0.048153	-0.015863	-0.011082	0.023944	0.021061	-0.102237
	0.027902	0.019327	0.047293	-0.094444	0.023209	-0.001681
	0.068353	-0.031949	0.002708	0.029017	0.019666	0.034370
	-0.000418	0.070095	-0.018647	-0.027523	-0.043291	0.090407
	-0.048056					
x388	-0.010264	0.002408	-0.012284	-0.005443	-0.032682	-0.013793
	-0.033698	0.006544	-0.006445	0.026083	0.013738	-0.030486
	0.016900	0.043247	-0.032818	-0.008887	0.050864	0.015870
	-0.032739	-0.014587	0.028067	-0.000371	-0.032020	0.010916
	-0.012440	0.014368	-0.010541	0.034710	-0.022609	-0.033334
	0.056745					
y388	0.008865	-0.000323	0.001391	0.035688	-0.014037	-0.004922
	0.038555	0.030495	0.010159	0.014543	0.008640	0.041752
	-0.037856	-0.014387	-0.025736	0.024180	0.059629	-0.032408
	0.014750	-0.023629	-0.003657	-0.001075	0.056743	0.021358
	-0.033126	-0.014750	-0.024822	-0.024582	0.074407	-0.014955
	-0.060928					
z388	0.013431	0.025809	-0.029374	0.036602	0.008173	-0.029675
	-0.037409	-0.012611	-0.009520	0.042926	0.018108	-0.069752
	0.007702	0.019478	0.032049	-0.061604	0.019823	-0.006071
	0.050451	-0.044340	0.029253	0.047776	0.020837	0.068359
	0.005316	0.033251	-0.018996	-0.032547	-0.033122	0.079859
	-0.002610					
x389	-0.011976	0.002906	-0.005379	-0.007472	-0.038868	-0.016908
	-0.025446	-0.006118	-0.008131	0.037555	0.008458	-0.038029
	0.016515	0.034790	-0.034901	0.000757	0.047628	0.015938
	-0.028624	-0.032721	0.014486	-0.000380	-0.025732	0.004184
	-0.012978	-0.015020	-0.006087	0.019871	-0.030359	-0.030407
	0.057825					

y389	0.012287	0.001595	-0.005428	0.023970	-0.016306	-0.005983
	0.031756	0.029303	0.004833	0.004100	0.009150	0.034186
	-0.023235	-0.022836	-0.009153	0.002742	0.056969	-0.026649
	0.024343	-0.019723	-0.003346	-0.024273	0.039424	0.010204
	-0.038119	0.044038	-0.021302	-0.003619	0.053887	-0.027071
	-0.073498					
z389	0.010315	0.024401	-0.026941	0.031347	0.016030	-0.034500
	-0.027701	-0.014621	-0.018568	0.049488	0.002949	-0.047699
	0.006695	0.015547	0.012389	-0.025801	0.033352	0.002927
	0.030674	-0.050632	0.012844	0.035350	0.023280	0.057394
	0.013961	-0.000049	-0.007301	-0.048731	-0.023667	0.067062
	0.001594					
x390	-0.011128	0.000674	-0.001621	-0.009731	-0.042399	-0.012635
	-0.023543	-0.011405	-0.012063	0.039778	0.006427	-0.035637
	0.015069	0.023549	-0.023568	0.000945	0.051392	0.006582
	-0.023061	-0.035682	0.007589	-0.007842	-0.027269	-0.003594
	-0.017644	-0.028784	0.003609	0.009720	-0.017499	-0.031208
	0.046332					
y390	0.013114	0.000482	-0.008547	0.028810	-0.016705	-0.002936
	0.029165	0.013888	0.013563	0.006748	0.015747	0.009418
	-0.026001	-0.023306	0.001295	-0.014710	0.034261	-0.028393
	0.034872	-0.024520	0.003281	-0.016068	0.020290	0.021425
	-0.046732	0.033408	-0.033092	0.029856	0.015265	-0.018163
	-0.072620					
z390	0.008313	0.021112	-0.027937	0.030599	0.017133	-0.025908
	-0.023750	-0.021807	-0.023724	0.050793	-0.006065	-0.036348
	0.007570	0.003475	0.020229	-0.012535	0.046849	-0.013547
	0.028274	-0.047433	0.006608	0.026939	0.006050	0.054289
	0.007129	-0.029293	0.009867	-0.040768	-0.020914	0.057999
	-0.015484					
x391	-0.010394	-0.002731	0.001224	-0.011350	-0.046681	-0.011011
	-0.019921	-0.015808	-0.014862	0.041560	0.009651	-0.025298
	0.008943	0.020696	-0.014763	-0.000666	0.051807	0.005103
	-0.019138	-0.035092	0.015336	-0.004337	-0.022673	0.004567
	-0.019605	-0.031996	0.004360	0.003424	-0.018420	-0.023911
	0.047168					
y391	0.016329	0.000605	-0.011583	0.026726	-0.012526	-0.007683
	0.019579	0.013037	0.016248	0.005464	0.017556	-0.000007
	-0.021383	-0.023523	0.011915	-0.018211	0.018018	-0.036421
	0.039280	-0.023815	0.001225	-0.022645	0.011259	-0.005803
	-0.066253	0.054304	-0.056107	0.028499	-0.012129	-0.035013
	-0.068642					

z391	0.005991	0.014363	-0.029886	0.028796	0.017672	-0.022465
	-0.020510	-0.020304	-0.027146	0.048423	-0.003690	-0.016532
	-0.001423	0.000900	0.026214	-0.005324	0.046712	-0.018459
	0.027434	-0.046076	0.014721	0.026909	-0.002194	0.055619
	-0.005831	-0.029928	0.001795	-0.036795	-0.022900	0.049392
	-0.007288					
x392	-0.009351	-0.006013	0.003222	-0.009873	-0.051625	-0.010039
	-0.017065	-0.020288	-0.016574	0.041814	0.015153	-0.016715
	0.001625	0.018958	-0.004951	-0.004688	0.049253	0.007338
	-0.016593	-0.032056	0.021872	-0.000664	-0.018533	0.013763
	-0.018033	-0.032470	0.002044	0.004993	-0.016440	-0.013271
	0.046777					
y392	0.020295	-0.001058	-0.014259	0.021909	-0.012152	-0.009833
	0.017303	0.011828	0.017856	0.009548	0.015869	-0.006801
	-0.022345	-0.025533	0.017704	-0.009905	0.008724	-0.035383
	0.036268	-0.018593	-0.010293	-0.041069	0.016281	-0.033503
	-0.074647	0.051734	-0.068170	0.034211	-0.012896	-0.036965
	-0.058705					
z392	0.002946	0.007342	-0.031216	0.025701	0.014451	-0.019297
	-0.014968	-0.018769	-0.029308	0.043498	0.002818	0.002215
	-0.009631	-0.002217	0.029919	-0.000251	0.048123	-0.010751
	0.018940	-0.041324	0.018942	0.019120	-0.005107	0.057290
	-0.008294	-0.030462	-0.003946	-0.029491	-0.014700	0.050570
	0.005444					
x393	-0.007114	-0.008262	0.004889	-0.005606	-0.054842	-0.010184
	-0.013484	-0.021486	-0.015250	0.039097	0.020253	-0.008354
	-0.003325	0.017556	0.000145	-0.008775	0.047927	0.002626
	-0.013455	-0.025704	0.031323	0.005987	-0.014928	0.018783
	-0.011648	-0.031580	0.002108	0.007545	-0.015179	-0.003718
	0.042528					
y393	0.022830	-0.002229	-0.012979	0.019550	-0.008752	-0.006114
	0.017601	0.007557	0.024863	0.010624	0.011632	-0.013532
	-0.016011	-0.025946	0.018204	-0.007279	0.002814	-0.041710
	0.029648	-0.003017	-0.010503	-0.039649	0.019250	-0.044591
	-0.080417	0.041281	-0.052589	0.032321	-0.024988	-0.030076
	-0.064515					
z393	0.000214	0.001144	-0.029825	0.023058	0.011511	-0.015907
	-0.009072	-0.018070	-0.028808	0.037806	0.008745	0.016802
	-0.011016	-0.001921	0.029468	0.001314	0.052583	-0.010552
	0.010513	-0.032212	0.026219	0.025159	-0.008355	0.060733
	-0.007327	-0.029654	0.000117	-0.024353	-0.004865	0.051946
	0.011097					

x394	-0.003482	-0.009186	0.005981	0.000371	-0.055326	-0.011544
	-0.009461	-0.019483	-0.013629	0.034868	0.022884	0.001672
	-0.004625	0.015462	0.004289	-0.015314	0.046917	-0.002367
	-0.007721	-0.022310	0.039472	0.014065	-0.011827	0.025870
	0.000588	-0.026954	0.003934	0.005866	-0.022416	0.004978
	0.040153					
y394	0.026268	-0.002999	-0.012221	0.018352	-0.000092	-0.003682
	0.017254	0.003418	0.029124	0.008241	0.007968	-0.017275
	-0.007099	-0.021413	0.018536	-0.017375	-0.002107	-0.044870
	0.024910	-0.000499	-0.004531	-0.024540	0.019560	-0.034188
	-0.066267	0.034668	-0.036529	0.013024	-0.058115	-0.033965
	-0.072482					
z394	-0.001560	-0.003410	-0.028415	0.019520	0.011767	-0.013467
	-0.002394	-0.016138	-0.029673	0.031486	0.010872	0.030917
	-0.009230	0.002735	0.026506	-0.004750	0.059742	-0.011475
	0.003407	-0.036228	0.033894	0.033810	-0.014985	0.073249
	0.007355	-0.027865	0.002914	-0.027442	-0.005560	0.041838
	0.016630					
x395	0.001249	-0.010662	0.006115	0.006621	-0.055922	-0.013633
	-0.006146	-0.016652	-0.009212	0.032160	0.023385	0.004503
	-0.005259	0.013044	0.008592	-0.019856	0.040121	-0.003988
	-0.002037	-0.013560	0.044050	0.015726	-0.007931	0.027350
	0.013242	-0.019199	-0.000995	0.007724	-0.019577	0.008402
	0.036954					
y395	0.029940	-0.004346	-0.012560	0.014417	0.005237	-0.002891
	0.014940	-0.002947	0.034905	0.008673	0.004771	-0.027940
	0.002147	-0.021432	0.019350	-0.022114	-0.008189	-0.042286
	0.021404	0.006177	-0.003264	-0.026785	0.019614	-0.031548
	-0.054290	0.031640	-0.025135	0.008179	-0.063154	-0.033425
	-0.061014					
z395	-0.003112	-0.008951	-0.026164	0.014290	0.008711	-0.011143
	0.002120	-0.014513	-0.026849	0.025696	0.011511	0.035793
	-0.003981	0.004903	0.025650	-0.008718	0.061357	-0.010030
	-0.005339	-0.036542	0.036934	0.033478	-0.019388	0.078295
	0.020556	-0.018789	0.003877	-0.026897	0.008239	0.037391
	0.019692					
x396	0.005990	-0.010585	0.005620	0.012823	-0.054322	-0.015226
	-0.001412	-0.007791	-0.005018	0.030474	0.025671	0.011815
	-0.008163	0.008278	0.009348	-0.021201	0.036324	-0.014481
	0.004811	-0.007391	0.048014	0.022556	-0.003325	0.019492
	0.015839	-0.011883	-0.005524	0.012650	-0.007334	0.008072
	0.031853					

y396	0.031373	-0.004301	-0.012704	0.006902	0.010175	-0.001616
	0.014053	-0.004363	0.038980	0.012112	0.006234	-0.028940
	0.005324	-0.025273	0.014463	-0.017941	-0.007069	-0.043795
	0.022551	0.006194	0.000572	-0.022557	0.020181	-0.039603
	-0.056949	0.017914	-0.009206	0.017752	-0.052250	-0.035815
	-0.056864					
z396	-0.004223	-0.012376	-0.023511	0.008850	0.005113	-0.008840
	0.006308	-0.009054	-0.025322	0.019971	0.012033	0.043493
	0.002099	0.003795	0.023282	-0.012404	0.066085	-0.016611
	-0.012245	-0.039187	0.038016	0.037532	-0.023804	0.074288
	0.025333	-0.005418	0.005053	-0.028940	0.024186	0.031072
	0.020496					
x397	0.010489	-0.011687	0.006055	0.018476	-0.052111	-0.016566
	0.001957	-0.003604	-0.000508	0.026379	0.026010	0.013514
	-0.012300	0.001892	0.010152	-0.021987	0.031634	-0.012155
	0.003720	0.005229	0.045235	0.020774	-0.000345	0.013981
	0.021504	-0.001851	-0.013837	0.012659	-0.003717	0.009194
	0.020494					
y397	0.029953	-0.006606	-0.010904	0.000031	0.014425	-0.000306
	0.012704	-0.012477	0.040058	0.012089	0.008628	-0.030926
	0.004410	-0.030992	0.010673	-0.011345	-0.006803	-0.032547
	0.009153	0.010863	0.002401	-0.022331	0.017330	-0.039468
	-0.058473	0.009985	-0.000834	0.017936	-0.054521	-0.030905
	-0.071329					
z397	-0.005106	-0.015881	-0.020552	0.003408	0.000627	-0.006867
	0.007760	-0.007380	-0.021804	0.013926	0.008660	0.046503
	0.010181	0.002535	0.021945	-0.015537	0.070015	-0.015991
	-0.017262	-0.035630	0.031633	0.033721	-0.025795	0.068879
	0.036521	0.006763	0.001154	-0.037115	0.034737	0.024315
	0.021863					
x398	0.015069	-0.012525	0.006887	0.026055	-0.049751	-0.020192
	0.004794	0.002352	0.002540	0.027474	0.018939	0.011215
	-0.010462	0.001963	0.010424	-0.027839	0.026116	-0.010661
	0.000316	0.013384	0.042051	0.013352	0.001608	0.014291
	0.020299	0.007311	-0.015432	0.005859	-0.007049	0.002931
	0.012060					
y398	0.028498	-0.009892	-0.006929	-0.003231	0.016726	0.001631
	0.014701	-0.014348	0.036109	0.011618	0.005731	-0.025970
	0.004422	-0.032988	0.009397	-0.020599	-0.008693	-0.017700
	0.004641	0.016384	0.003576	-0.022698	0.014303	-0.037181
	-0.046638	0.013442	0.015435	0.025829	-0.043521	-0.042092
	-0.059732					

z398	-0.005720	-0.017419	-0.017767	0.001457	-0.003516	-0.008210
	0.005536	-0.006217	-0.017089	0.014462	-0.001891	0.040574
	0.022765	0.006789	0.018640	-0.017462	0.075009	-0.022001
	-0.027948	-0.035245	0.020593	0.024597	-0.030167	0.067735
	0.034613	0.011422	0.004242	-0.058015	0.030102	0.014953
	0.007386					
x399	0.024000	-0.015992	0.007815	0.031541	-0.042997	-0.017109
	0.008990	0.008191	0.004038	0.025888	0.022585	0.004295
	-0.004507	0.002714	0.010431	-0.028130	0.022503	-0.011795
	0.000524	0.018480	0.037419	0.003088	0.003712	0.015823
	0.021219	-0.007238	-0.024350	0.001851	0.002880	0.009018
	-0.012411					
y399	0.025755	-0.014270	-0.002292	-0.013279	0.018876	0.005930
	0.014337	-0.017711	0.032287	0.006580	0.004481	-0.024436
	0.012182	-0.031511	0.008135	-0.021250	0.003449	-0.005749
	-0.006823	0.021561	0.011376	-0.017227	0.002323	-0.031973
	-0.029044	0.003406	0.024409	0.013574	-0.012344	-0.032792
	-0.056266					
z399	-0.004209	-0.019370	-0.015569	0.003084	-0.013707	0.000670
	0.003578	-0.003458	-0.013380	0.010294	-0.002887	0.035810
	0.030119	0.021816	0.014099	-0.021476	0.065827	-0.030633
	-0.019288	-0.036690	-0.000460	0.008180	-0.028658	0.057247
	0.039212	-0.000592	0.002023	-0.058464	0.025698	0.005217
	-0.010293					
x400	0.031249	-0.019186	0.009220	0.032817	-0.036902	-0.011995
	0.014785	0.008950	0.007682	0.027181	0.022224	-0.000736
	-0.006640	0.000202	0.007086	-0.031606	0.018675	0.001763
	-0.003386	0.014255	0.035750	-0.006259	0.002609	0.024518
	0.023901	-0.004057	-0.034419	0.010584	-0.003358	-0.005937
	-0.010616					
y400	0.022890	-0.017376	-0.000111	-0.017917	0.017543	0.009520
	0.015926	-0.020805	0.034151	0.007360	-0.000182	-0.019953
	0.009538	-0.028913	0.003280	-0.022594	0.012474	0.001192
	-0.010975	0.018912	0.018410	-0.017330	0.000804	-0.022611
	-0.013876	0.008258	0.023889	0.012561	-0.003512	-0.047173
	-0.036966					
z400	-0.002147	-0.019223	-0.013563	0.009009	-0.023576	0.008536
	0.002019	0.002058	-0.011631	0.005636	-0.006758	0.035581
	0.028008	0.036018	0.013332	-0.026269	0.050168	-0.019998
	-0.013945	-0.032607	-0.014202	0.002334	-0.033138	0.046609
	0.050795	0.009170	-0.011932	-0.053187	0.008998	-0.006665
	-0.000546					

x401	0.033794	-0.021939	0.011945	0.027783	-0.030568	-0.010263
	0.020662	0.009890	0.014916	0.023941	0.025484	-0.003475
	-0.009677	-0.010253	0.000489	-0.025423	0.001764	-0.004059
	-0.019597	0.021516	0.026120	-0.013198	0.001525	0.030701
	0.021080	-0.017464	-0.022329	0.024532	0.025358	-0.000021
	-0.053262					
y401	0.017768	-0.018433	0.003057	-0.020079	0.014217	0.008078
	0.017888	-0.019706	0.036853	0.006010	-0.004625	-0.011738
	0.005548	-0.028135	-0.002753	-0.018633	0.006862	-0.006768
	-0.016860	0.028369	0.012030	-0.018056	0.002455	-0.018133
	0.003780	0.004010	0.030175	0.012419	0.006829	-0.049053
	-0.045920					
z401	-0.002693	-0.018063	-0.008227	0.012506	-0.025526	0.011845
	-0.005142	0.006687	-0.004370	0.005186	-0.004559	0.043562
	0.025625	0.043047	0.014889	-0.015895	0.019849	-0.012650
	-0.026194	-0.021846	-0.039596	-0.017232	-0.045202	0.046362
	0.059766	0.017428	-0.010191	-0.039773	0.026929	-0.011481
	-0.019263					
x402	0.039471	-0.026305	0.012051	0.027730	-0.028427	-0.004869
	0.023493	0.009922	0.018402	0.026064	0.031612	-0.016175
	-0.004226	-0.014309	-0.003245	-0.024579	0.008051	-0.006186
	-0.012994	0.015856	0.030345	-0.024088	-0.001561	0.028138
	0.028798	-0.030675	-0.010908	0.034183	0.025914	0.012241
	-0.054360					
y402	0.014344	-0.018671	0.004341	-0.018708	0.007601	0.008359
	0.016497	-0.017836	0.036854	0.005924	-0.005260	-0.009785
	0.004413	-0.025144	-0.003243	-0.015230	0.010092	-0.012863
	-0.013092	0.027406	0.012484	-0.023183	0.001150	-0.018786
	0.020288	0.002276	0.035380	0.012452	0.011821	-0.038794
	-0.034002					
z402	0.000084	-0.020225	-0.010182	0.019212	-0.034128	0.017818
	-0.005925	0.011524	-0.006322	-0.002904	-0.010566	0.037513
	0.020263	0.050650	0.012423	-0.017799	0.012054	-0.012182
	-0.021382	-0.016228	-0.044402	-0.006886	-0.036291	0.030706
	0.054430	0.010428	-0.019690	-0.031022	0.025310	-0.009268
	-0.015428					
x403	0.042123	-0.026050	0.012349	0.023355	-0.020475	-0.002052
	0.025871	0.010747	0.019126	0.024022	0.034841	-0.005735
	-0.011954	-0.019465	-0.007814	-0.024683	0.004352	-0.009772
	-0.015917	0.004867	0.026938	-0.024635	-0.006008	0.041870
	0.029180	-0.026406	0.008440	0.038482	0.019564	0.010946
	-0.058488					

y403	0.010260	-0.016992	0.005829	-0.018497	0.002785	0.007354
	0.015668	-0.014513	0.033228	0.003039	-0.006828	0.002119
	-0.002251	-0.019881	-0.004299	-0.013669	0.008921	-0.022511
	-0.010250	0.022402	0.007188	-0.021893	0.002026	-0.014097
	0.031952	0.009368	0.039484	0.007222	0.007785	-0.039264
	-0.027969					
z403	0.000336	-0.019036	-0.007952	0.022676	-0.033095	0.020009
	-0.010370	0.016768	-0.004941	-0.007681	-0.010971	0.046121
	0.013613	0.052592	0.008856	-0.010235	-0.003351	-0.010034
	-0.031113	-0.010448	-0.052716	-0.007403	-0.040175	0.034529
	0.046860	0.012758	-0.020378	-0.022795	0.027505	-0.011530
	-0.016676					
x404	0.043487	-0.029230	0.011994	0.020605	-0.018801	0.002237
	0.024747	0.007405	0.019214	0.021412	0.031347	-0.011946
	-0.006436	-0.016871	-0.005992	-0.023811	0.010109	-0.001470
	-0.020098	0.002676	0.031490	-0.024216	-0.007196	0.044141
	0.019681	-0.029941	-0.001467	0.046950	0.023142	0.026845
	-0.046566					
y404	0.005618	-0.017021	0.007946	-0.016814	-0.005288	0.006380
	0.013092	-0.012140	0.028588	0.000710	-0.011028	0.006925
	-0.003009	-0.010107	-0.003288	-0.009381	0.008471	-0.027696
	-0.008392	0.021394	0.002082	-0.021755	0.003847	-0.015580
	0.037754	0.012430	0.029268	0.003314	0.007048	-0.033914
	-0.017050					
z404	0.001667	-0.020904	-0.009641	0.027297	-0.033779	0.021709
	-0.016382	0.017551	-0.006656	-0.013354	-0.014268	0.039623
	0.012372	0.056678	0.004023	-0.011039	-0.005246	-0.002215
	-0.041009	0.000518	-0.051192	0.002102	-0.035246	0.027376
	0.023584	0.017231	-0.029784	-0.032809	0.013866	-0.005325
	-0.001610					
x405	0.043793	-0.030861	0.011282	0.017382	-0.015039	0.009336
	0.021567	0.008699	0.020020	0.025331	0.023886	-0.005881
	-0.005824	-0.019581	-0.000654	-0.020967	-0.011937	0.018546
	-0.035878	-0.000872	0.024579	-0.033338	-0.010948	0.055984
	0.012022	-0.015615	0.001379	0.040444	0.013340	0.036230
	-0.034916					
y405	0.000353	-0.016543	0.010250	-0.015045	-0.012378	0.005045
	0.008336	-0.008589	0.023722	0.000630	-0.016747	0.013216
	-0.003467	-0.001925	-0.001720	-0.003936	-0.001808	-0.026558
	-0.008883	0.019565	-0.006636	-0.025266	0.003440	-0.013952
	0.040448	0.017804	0.018868	-0.002713	0.002351	-0.028585
	-0.007126					

z405	0.001124	-0.022108	-0.008311	0.028428	-0.027934	0.019802
	-0.026111	0.017085	-0.005917	-0.010597	-0.015840	0.041354
	0.012978	0.054211	0.004473	-0.004449	-0.015265	0.009782
	-0.051846	0.010638	-0.053119	-0.010694	-0.033327	0.043489
	0.016241	0.030167	-0.027673	-0.034707	-0.001011	-0.015160
	0.007490					
x406	0.044329	-0.021902	0.011517	0.014460	-0.008902	0.009911
	0.020479	0.006870	0.021820	0.018720	0.015284	0.016139
	-0.027335	-0.018034	0.008182	-0.012658	-0.016986	0.052782
	-0.049399	-0.006025	0.010307	-0.028141	-0.024910	0.079916
	-0.001105	0.009971	0.010609	0.046236	0.009914	0.061514
	-0.017195					
y406	-0.005598	-0.011917	0.011157	-0.014290	-0.017981	0.001515
	0.002554	-0.006624	0.014725	-0.004459	-0.026733	0.021606
	-0.009267	0.002214	0.000791	-0.000935	-0.013974	-0.010107
	-0.016107	0.014108	-0.015292	-0.023822	-0.004312	-0.006108
	0.031309	0.023766	0.007160	-0.007208	-0.011156	-0.015513
	0.009706					
z406	0.001003	-0.019091	-0.009410	0.028722	-0.017738	0.018784
	-0.033682	0.019967	-0.009795	-0.011264	-0.019140	0.049008
	0.008312	0.044266	0.005434	-0.002905	-0.016802	0.021134
	-0.057825	0.011252	-0.042703	-0.013505	-0.031596	0.068793
	-0.003268	0.044911	-0.028909	-0.036604	-0.034583	-0.016321
	0.033246					
x407	0.044583	-0.022376	0.009906	0.014801	-0.012408	0.018294
	0.014216	0.005301	0.022358	0.019036	0.005074	0.009831
	-0.030019	-0.014977	0.021262	-0.005430	-0.012099	0.055391
	-0.058414	-0.000271	0.017303	-0.006755	-0.011346	0.071077
	-0.003217	0.017939	0.018200	0.030309	0.007974	0.063676
	0.008588					
y407	-0.011440	-0.012507	0.011619	-0.012327	-0.023126	-0.003450
	-0.003815	-0.000992	0.005776	-0.001073	-0.024942	0.025773
	-0.004735	0.009730	-0.004098	0.005616	-0.017746	-0.021557
	-0.008368	0.011876	-0.020923	-0.034228	-0.004463	-0.007813
	0.028816	0.019886	0.001895	-0.014705	-0.021013	-0.017495
	0.010327					
z407	0.001123	-0.021321	-0.011353	0.028017	-0.012092	0.017269
	-0.043864	0.018576	-0.012629	-0.006598	-0.021754	0.039254
	0.010324	0.040668	0.009397	-0.000155	-0.013125	0.030950
	-0.055980	0.017880	-0.026425	-0.018571	-0.020751	0.078412
	-0.031868	0.060077	-0.037573	-0.045336	-0.064072	-0.009981
	0.063725					

x408	0.041750	-0.023562	0.011256	0.012850	-0.014520	0.019881
	0.012935	0.009317	0.022448	0.017747	0.010143	0.006883
	-0.018200	-0.009745	0.021306	0.000987	0.001706	0.035142
	-0.040608	0.000849	0.029170	-0.006248	-0.000700	0.063593
	0.003281	0.010628	0.036202	0.013302	0.032295	0.042739
	0.004772					
y408	-0.016811	-0.010955	0.010799	-0.010751	-0.024366	-0.007791
	-0.011229	0.001548	-0.002487	0.003287	-0.027297	0.025756
	-0.007763	0.005908	-0.003978	0.006904	-0.025746	-0.013049
	-0.019937	0.012720	-0.028095	-0.035473	-0.013789	-0.010690
	0.027068	0.016506	-0.002397	-0.017315	-0.033357	-0.016821
	0.006169					
z408	-0.001678	-0.022495	-0.011326	0.021737	-0.005437	0.016677
	-0.038951	0.021311	-0.012070	-0.000501	-0.012790	0.029432
	0.011743	0.032659	0.015689	0.004347	-0.013498	0.007480
	-0.054280	0.013622	-0.016980	-0.026695	-0.019341	0.075761
	-0.024142	0.039784	-0.028915	-0.048205	-0.039320	-0.020580
	0.026044					
x409	0.038401	-0.025130	0.015861	0.013361	-0.011351	0.021717
	0.007922	0.014989	0.017561	0.025459	0.011410	0.006769
	-0.011399	0.000713	0.016807	0.011375	0.001883	0.021977
	-0.027521	0.000483	0.030871	-0.013448	-0.014856	0.060914
	0.019878	0.006060	0.019278	0.006164	0.038241	0.026657
	-0.008588					
y409	-0.022039	-0.008891	0.008897	-0.009063	-0.026550	-0.012983
	-0.018423	0.004368	-0.005823	0.006242	-0.024659	0.028529
	-0.005816	-0.000834	-0.003692	0.006501	-0.028781	-0.007385
	-0.030618	0.016509	-0.032408	-0.035992	-0.008326	-0.011734
	0.025170	0.013160	0.014208	-0.021613	-0.040596	-0.018311
	0.014986					
z409	-0.003299	-0.022309	-0.009411	0.019805	0.000611	0.015642
	-0.035194	0.025349	-0.010355	0.009660	-0.006043	0.026638
	0.016301	0.033771	0.016093	0.006733	-0.012135	-0.011410
	-0.046201	0.013716	-0.015246	-0.035904	-0.017838	0.075622
	-0.002473	0.032084	-0.024966	-0.054275	-0.042791	-0.037660
	0.016920					
x410	0.035283	-0.027312	0.015085	0.014036	-0.008727	0.022074
	0.001461	0.018275	0.011311	0.031500	0.008695	0.007883
	-0.003403	-0.001685	0.014382	0.012529	0.007874	0.020901
	-0.013987	-0.003874	0.023017	-0.016808	-0.018991	0.052346
	0.029952	0.009645	0.016576	0.001396	0.020621	0.011070
	-0.007271					

y410	-0.026657	-0.006351	0.009341	-0.006918	-0.028175	-0.015956
	-0.023948	0.008017	-0.010105	0.007402	-0.020964	0.028317
	-0.004628	0.001565	-0.007828	0.007119	-0.029117	-0.008839
	-0.034211	0.022180	-0.027574	-0.035177	-0.007609	-0.005529
	0.028024	0.001256	0.016234	-0.033940	-0.048402	-0.017668
	0.023717					
z410	-0.004073	-0.021712	-0.008546	0.019204	0.006273	0.015650
	-0.030567	0.028301	-0.008031	0.017711	-0.003344	0.024983
	0.022023	0.038477	0.015527	0.001926	-0.005453	-0.025942
	-0.033107	0.012993	-0.017471	-0.042081	-0.015327	0.077215
	0.020770	0.024330	-0.024645	-0.064524	-0.063085	-0.053647
	0.020462					
x411	0.030926	-0.028707	0.014110	0.013658	-0.007112	0.021625
	-0.002374	0.021892	0.004413	0.032115	0.009133	0.010683
	0.002778	0.001610	0.008006	0.012987	0.009738	0.010039
	-0.014846	-0.000161	0.022739	-0.011739	-0.015170	0.045397
	0.029417	0.011025	0.020730	-0.003833	0.013009	0.008914
	-0.019349					
y411	-0.029947	-0.002610	0.008502	-0.004920	-0.029305	-0.018571
	-0.029636	0.010536	-0.010898	0.010206	-0.018004	0.023064
	-0.004290	-0.006052	-0.006197	0.010956	-0.027896	-0.002269
	-0.031612	0.018768	-0.025862	-0.036540	-0.019375	-0.006256
	0.030559	-0.008461	0.014437	-0.040211	-0.042744	-0.013130
	0.037398					
z411	-0.006330	-0.018826	-0.008935	0.015664	0.009243	0.015613
	-0.024202	0.030835	-0.001047	0.019729	0.003506	0.021024
	0.022367	0.037679	0.014602	0.004451	-0.009190	-0.049710
	-0.043057	0.015441	-0.012749	-0.034905	-0.015060	0.065237
	0.014553	0.017358	-0.015344	-0.061584	-0.029372	-0.045471
	-0.004963					
x412	0.026193	-0.030707	0.016004	0.012083	-0.005395	0.022989
	-0.008270	0.026190	0.000469	0.035708	0.009761	0.010676
	0.004137	0.003947	0.000752	0.016845	0.011445	0.003466
	-0.008399	0.003571	0.020356	-0.007274	-0.011968	0.042293
	0.029962	0.008262	0.018209	-0.014891	0.013348	0.015108
	-0.023254					
y412	-0.032783	0.002881	0.004302	-0.001088	-0.029877	-0.024408
	-0.031761	0.012367	-0.012956	0.007142	-0.015120	0.022922
	0.001783	-0.013137	-0.000937	0.009855	-0.028174	0.000772
	-0.040666	0.016905	-0.020305	-0.035701	-0.027829	-0.007806
	0.028936	-0.010437	0.027193	-0.033878	-0.043275	-0.016546
	0.037358					

z412	-0.007707	-0.016366	-0.007987	0.012854	0.012109	0.016816
	-0.018245	0.033418	0.004360	0.022770	0.004905	0.015883
	0.024181	0.039991	0.015027	0.002999	-0.009880	-0.061667
	-0.038647	0.018159	-0.012520	-0.031782	-0.013280	0.062139
	0.020317	0.013548	-0.010056	-0.061161	-0.014445	-0.038578
	-0.013267					
x413	0.021282	-0.030689	0.015636	0.014775	-0.005989	0.022748
	-0.013042	0.032055	-0.006573	0.040164	0.009659	0.013614
	0.011054	0.008207	-0.006858	0.019611	0.014642	-0.003182
	-0.009245	0.009705	0.018759	0.001118	-0.012983	0.029058
	0.027080	0.009646	0.024804	-0.022896	0.014114	0.021110
	-0.025768					
y413	-0.034524	0.006423	0.004092	-0.000919	-0.028970	-0.028649
	-0.034665	0.011116	-0.005627	0.000684	-0.010897	0.019402
	-0.000860	-0.018291	0.002874	0.011543	-0.032679	0.004784
	-0.044896	0.007788	-0.017106	-0.031880	-0.030864	-0.001544
	0.028373	-0.014473	0.018214	-0.036580	-0.045547	-0.018249
	0.041082					
z413	-0.008615	-0.011853	-0.007508	0.012943	0.013594	0.017892
	-0.011605	0.036471	0.008430	0.025036	0.004739	0.013368
	0.028975	0.046496	0.010279	-0.000239	-0.008578	-0.072562
	-0.040046	0.022146	-0.014431	-0.020378	-0.014789	0.050283
	0.021851	0.010588	-0.004539	-0.059101	-0.000420	-0.026259
	-0.015120					
x414	0.015336	-0.029215	0.015998	0.015888	-0.005172	0.021433
	-0.020546	0.036605	-0.010649	0.042886	0.010324	0.017957
	0.019395	0.008950	-0.011899	0.022631	0.016450	-0.005313
	-0.009732	0.014532	0.012799	0.001969	-0.011514	0.027710
	0.029820	0.007398	0.030142	-0.026510	0.007802	0.016024
	-0.022891					
y414	-0.034420	0.008448	0.004704	0.003820	-0.029430	-0.030624
	-0.032835	0.013464	-0.000668	-0.000952	-0.006426	0.013603
	0.000807	-0.015726	-0.001979	0.014646	-0.033921	-0.005790
	-0.037353	0.005105	-0.009453	-0.019716	-0.033438	-0.002730
	0.033359	-0.006234	0.023353	-0.048156	-0.032179	-0.005427
	0.021421					
z414	-0.010485	-0.006704	-0.005797	0.010755	0.016830	0.018901
	-0.008022	0.038294	0.016027	0.025495	0.003897	0.013900
	0.035981	0.049089	0.007139	-0.006170	-0.008130	-0.075964
	-0.036856	0.023062	-0.024527	-0.020497	-0.014787	0.054840
	0.030888	0.006243	-0.001544	-0.053804	0.000727	-0.027014
	-0.012347					

x415	0.009868	-0.027064	0.015583	0.017716	-0.005368	0.020604
	-0.027040	0.041400	-0.014950	0.042678	0.007744	0.020150
	0.026285	0.011428	-0.016212	0.020649	0.020319	-0.005422
	-0.004602	0.015300	0.010662	0.008983	-0.008412	0.029802
	0.030251	0.006154	0.031806	-0.035870	-0.005054	0.016955
	-0.010982					
y415	-0.034567	0.012792	0.004001	0.004402	-0.029403	-0.031869
	-0.034521	0.012639	0.005274	-0.009278	-0.005806	0.010338
	0.007120	-0.016610	0.002680	0.016672	-0.037674	-0.003073
	-0.051246	0.016593	-0.011907	-0.017079	-0.038892	-0.004607
	0.030515	0.001780	0.031792	-0.040325	-0.004181	-0.005106
	0.014007					
z415	-0.010914	-0.001900	-0.007852	0.008187	0.016669	0.021930
	-0.000797	0.040745	0.020445	0.021743	-0.002524	0.008365
	0.038145	0.050690	0.001636	-0.018135	-0.000212	-0.077357
	-0.023373	0.015533	-0.025626	-0.006603	-0.011329	0.058097
	0.031897	-0.000156	-0.006654	-0.055245	-0.006003	-0.009251
	-0.001885					
x416	0.003388	-0.023446	0.016152	0.019692	-0.005817	0.019437
	-0.034602	0.044243	-0.014815	0.038769	0.005942	0.021200
	0.034276	0.015030	-0.021268	0.018671	0.019781	-0.008179
	-0.004825	0.017860	0.009136	0.018477	-0.006210	0.031129
	0.028595	0.005479	0.035690	-0.038927	-0.003520	0.018903
	-0.004459					
y416	-0.032337	0.013491	0.006198	0.005029	-0.024655	-0.032388
	-0.032890	0.009087	0.011376	-0.011031	0.000431	0.010344
	0.011576	-0.012933	0.007438	0.009916	-0.034792	-0.003535
	-0.050965	0.019163	-0.019316	-0.004166	-0.044298	0.004220
	0.028617	0.005812	0.028119	-0.044718	-0.001060	-0.009344
	0.026922					
z416	-0.013105	0.004883	-0.011118	0.005095	0.014658	0.023568
	0.003409	0.042762	0.025671	0.017287	-0.009213	0.003698
	0.040800	0.047074	-0.007203	-0.020495	0.000673	-0.077584
	-0.021913	0.016017	-0.026671	0.005011	-0.010802	0.055785
	0.029301	-0.006976	-0.006730	-0.039905	0.014214	0.013042
	-0.010694					
x417	-0.001499	-0.022619	0.017437	0.021686	-0.002973	0.017785
	-0.039507	0.045107	-0.014156	0.029851	0.003645	0.018948
	0.034797	0.020602	-0.021730	0.017985	0.015991	-0.005540
	-0.006392	0.015538	0.007027	0.018204	-0.006607	0.020581
	0.022705	0.008526	0.045273	-0.039196	-0.006545	0.000830
	0.002372					

y417	-0.030122	0.013038	0.006332	0.005334	-0.021609	-0.037810
	-0.028645	0.008576	0.015727	-0.016571	0.007471	0.011353
	0.012669	-0.010156	0.011532	0.010135	-0.028606	-0.004719
	-0.054134	0.014993	-0.016323	-0.001221	-0.043532	0.003271
	0.024796	0.011632	0.040082	-0.054714	-0.001245	-0.021530
	0.023449					
z417	-0.013475	0.005369	-0.011814	0.003473	0.019086	0.025740
	0.006644	0.041967	0.026306	0.015529	-0.015496	-0.002758
	0.034715	0.044158	-0.017617	-0.020790	-0.004644	-0.063714
	-0.013850	0.007491	-0.031110	0.002843	-0.014373	0.039040
	0.027125	-0.013201	-0.009460	-0.015829	0.010374	0.005890
	-0.004062					
x418	-0.005473	-0.020497	0.018907	0.023991	-0.000559	0.018159
	-0.042668	0.045532	-0.011619	0.019307	0.002801	0.014050
	0.035767	0.031008	-0.019374	0.014852	0.014390	-0.001388
	-0.011282	0.016878	0.005936	0.021646	-0.007989	0.012313
	0.016976	0.012818	0.051404	-0.042346	0.000849	-0.001271
	0.013797					
y418	-0.029042	0.012595	0.006075	0.004086	-0.019006	-0.035499
	-0.029129	0.005531	0.020554	-0.019333	0.008162	0.008357
	0.011375	-0.005348	0.011383	0.010054	-0.028624	0.002902
	-0.055397	0.013730	-0.019038	-0.005252	-0.037268	0.012483
	0.018631	0.012442	0.036527	-0.063695	0.012326	-0.020422
	0.035135					
z418	-0.012467	0.005687	-0.013884	0.003641	0.020320	0.023669
	0.015652	0.044974	0.025130	0.012741	-0.014640	-0.006923
	0.031810	0.039481	-0.021386	-0.022889	-0.000827	-0.055258
	-0.008732	-0.001008	-0.029380	0.007493	-0.023393	0.018315
	0.026311	-0.012989	-0.005454	0.002074	-0.000557	0.007009
	-0.008818					
x419	-0.008828	-0.018625	0.020054	0.025501	0.001261	0.016523
	-0.044840	0.044710	-0.008957	0.010078	0.002401	0.010193
	0.034185	0.038376	-0.016096	0.010148	0.013360	-0.001579
	-0.014158	0.020127	0.004389	0.021297	-0.005032	0.006265
	0.009733	0.022623	0.058362	-0.034817	0.003860	-0.005562
	0.019768					
y419	-0.025844	0.010778	0.004079	0.004578	-0.019439	-0.034272
	-0.025388	0.006606	0.024747	-0.020966	0.012887	0.003870
	0.006005	-0.002891	0.010673	0.010771	-0.021665	-0.000333
	-0.051375	0.015198	-0.019870	-0.007709	-0.033099	0.012797
	0.011327	0.026924	0.041615	-0.054232	0.012389	-0.015374
	0.037632					

z419	-0.013652	0.006525	-0.014603	0.001681	0.023313	0.020558
	0.020638	0.043414	0.022572	0.012207	-0.019381	-0.005491
	0.029758	0.033454	-0.024469	-0.025202	-0.006162	-0.043295
	-0.006615	-0.010098	-0.028153	0.007110	-0.023837	0.011420
	0.027959	-0.023972	-0.014166	0.004714	-0.000229	-0.002183
	-0.007425					
x420	-0.011269	-0.014920	0.020204	0.026697	0.004399	0.013250
	-0.045551	0.043889	-0.008330	0.003541	0.001478	0.008019
	0.034570	0.044041	-0.012002	0.005167	0.011334	-0.002180
	-0.014236	0.022620	0.005708	0.029218	-0.002549	0.000398
	0.007488	0.026184	0.061507	-0.026968	0.013153	-0.004162
	0.013332					
y420	-0.023254	0.010830	0.000803	0.002854	-0.015664	-0.035442
	-0.022517	0.005607	0.022675	-0.018364	0.015032	0.004955
	0.003851	-0.006383	0.010044	0.010233	-0.020206	-0.004031
	-0.037282	0.012048	-0.018442	-0.007435	-0.027691	0.016621
	0.010778	0.025751	0.038998	-0.048350	0.024304	-0.021381
	0.018149					
z420	-0.013632	0.006026	-0.015338	0.002200	0.018987	0.021463
	0.027968	0.045110	0.024857	0.007523	-0.022533	-0.012628
	0.026836	0.032539	-0.026469	-0.025165	-0.003264	-0.032335
	-0.014025	-0.010149	-0.027280	0.009333	-0.024658	0.001716
	0.020802	-0.024600	-0.019227	0.008298	-0.013245	0.012522
	0.015510					
x421	-0.012949	-0.012929	0.020421	0.025872	0.006569	0.009627
	-0.045614	0.041212	-0.006034	-0.000017	0.000922	0.001836
	0.032963	0.047423	-0.009734	-0.001300	0.005354	-0.001546
	-0.020177	0.027774	0.006809	0.031338	-0.001587	-0.003284
	0.002225	0.031184	0.054371	-0.015485	0.021782	-0.010413
	0.018941					
y421	-0.020605	0.008861	-0.001394	0.001358	-0.015039	-0.034726
	-0.019615	0.005212	0.023493	-0.014221	0.019447	-0.000040
	0.001628	-0.008304	0.005708	0.007921	-0.019317	-0.004130
	-0.035048	0.010716	-0.018771	-0.007878	-0.031469	0.014013
	-0.000041	0.032991	0.021736	-0.042802	0.032292	-0.027500
	0.018888					
z421	-0.014983	0.008317	-0.019358	0.001687	0.015792	0.019275
	0.034579	0.043901	0.019440	0.001713	-0.029690	-0.007836
	0.025540	0.029464	-0.020425	-0.023255	0.000366	-0.027599
	-0.007137	-0.015015	-0.021118	0.002992	-0.011975	0.006105
	0.028516	-0.032529	-0.006907	0.013763	-0.022145	0.021882
	0.008917					

x422	-0.013887	-0.009371	0.019774	0.026452	0.008400	0.004410
	-0.043064	0.038707	-0.006587	-0.003478	0.000220	0.001546
	0.030675	0.048137	-0.005251	-0.004036	0.004755	-0.004500
	-0.021435	0.031585	0.011575	0.033428	0.001845	-0.001384
	0.002053	0.030713	0.060225	0.004493	0.023209	-0.005415
	0.019188					
y422	-0.017695	0.007394	-0.005266	0.001654	-0.013778	-0.035476
	-0.013791	0.003579	0.019468	-0.013244	0.020496	0.001405
	0.000726	-0.010097	0.005201	0.009443	-0.010937	-0.009554
	-0.028390	0.005415	-0.013777	-0.007904	-0.030277	0.018353
	-0.004579	0.034565	0.017295	-0.029124	0.032980	-0.027591
	0.014289					
z422	-0.016005	0.009400	-0.019621	-0.001216	0.010938	0.018773
	0.037412	0.046046	0.022874	0.004937	-0.033293	-0.016227
	0.022419	0.024083	-0.023176	-0.022230	-0.005726	-0.015905
	-0.005910	-0.011474	-0.026415	-0.002270	-0.010447	-0.003084
	0.021572	-0.037896	-0.020655	0.008319	-0.022365	0.021959
	0.010987					
x423	-0.015086	-0.007245	0.018582	0.026589	0.007896	0.000587
	-0.039318	0.035854	-0.006420	-0.003245	-0.000743	-0.003621
	0.027913	0.050325	-0.001238	-0.004707	0.003108	-0.002009
	-0.020827	0.038919	0.014332	0.034490	0.009952	0.001608
	0.009283	0.018945	0.058640	0.020147	0.026719	0.003291
	0.014280					
y423	-0.015897	0.004452	-0.009360	0.000821	-0.014699	-0.033824
	-0.008716	0.002040	0.015843	-0.010916	0.021082	-0.001418
	-0.000947	-0.014276	0.001223	0.008249	-0.006154	-0.013432
	-0.018727	0.003541	-0.015187	-0.011034	-0.022250	0.025212
	-0.008203	0.029014	0.004622	-0.022616	0.032909	-0.029558
	0.007713					
z423	-0.015806	0.014679	-0.019934	-0.002620	0.007613	0.015750
	0.041722	0.050741	0.023606	0.007419	-0.034871	-0.015673
	0.021088	0.018103	-0.021566	-0.016486	-0.004599	-0.009855
	-0.008805	-0.015009	-0.020160	-0.005413	-0.022952	-0.014047
	0.011689	-0.030489	-0.020140	0.006582	-0.027146	0.026987
	0.016264					
x424	-0.015483	-0.004556	0.018165	0.024763	0.006501	-0.004666
	-0.035288	0.034246	-0.006254	-0.001480	-0.004046	-0.005822
	0.022750	0.047030	-0.000197	-0.005726	-0.000678	-0.004057
	-0.025268	0.038521	0.013876	0.028846	0.018058	0.003183
	0.002874	0.013199	0.058937	0.033152	0.019200	-0.000678
	0.018717					

y424	-0.013418	0.002680	-0.013178	0.000970	-0.016385	-0.031448
	-0.002979	0.003020	0.013174	-0.009911	0.021757	-0.002756
	0.000163	-0.017885	-0.001198	0.008934	-0.003668	-0.017180
	-0.013401	-0.004582	-0.018474	-0.013843	-0.022816	0.027922
	-0.013033	0.033131	-0.010635	-0.015904	0.030729	-0.032442
	0.006084					
z424	-0.018524	0.019248	-0.020910	-0.006490	0.004732	0.013909
	0.042597	0.047077	0.018177	0.010024	-0.038382	-0.014819
	0.012689	0.010527	-0.021376	-0.014391	0.005546	-0.004199
	-0.001370	-0.005071	-0.008221	-0.014066	-0.009369	-0.001473
	0.015394	-0.051106	-0.022214	0.003798	-0.021207	0.037941
	0.007179					
x425	-0.015854	-0.002286	0.015252	0.022134	0.004501	-0.009486
	-0.031825	0.029159	-0.006986	0.004341	-0.007576	-0.010861
	0.014324	0.047391	0.004286	-0.001742	0.000834	-0.004136
	-0.027377	0.040483	0.014644	0.017692	0.032159	0.002504
	0.005836	-0.003279	0.060517	0.036268	0.026852	-0.018343
	0.017891					
y425	-0.011270	0.001567	-0.016461	0.001782	-0.018286	-0.026834
	0.002018	0.006078	0.012400	-0.011663	0.024069	-0.000864
	-0.000478	-0.025059	-0.005059	0.006091	-0.002419	-0.018128
	-0.008610	-0.011696	-0.022051	-0.014921	-0.024016	0.035655
	-0.018403	0.038657	-0.028043	-0.010444	0.023332	-0.022537
	0.007448					
z425	-0.019059	0.019957	-0.021173	-0.008381	-0.002353	0.011548
	0.045242	0.042111	0.013864	0.016786	-0.044936	-0.017087
	0.013813	0.002878	-0.022160	-0.005979	0.010733	-0.002371
	-0.003492	-0.001795	0.002802	-0.022029	-0.001320	-0.010616
	0.008873	-0.051733	-0.020089	0.008088	-0.014808	0.018309
	0.001300					
x426	-0.014855	-0.001868	0.009896	0.016421	0.003725	-0.013953
	-0.030365	0.025368	-0.011124	0.005595	-0.007589	-0.015633
	0.003776	0.051108	0.010924	0.002482	0.001835	-0.002155
	-0.027576	0.042363	0.016664	0.019571	0.039870	-0.003488
	0.012140	-0.009353	0.062115	0.038053	0.043647	-0.021876
	0.003546					
y426	-0.009195	0.001627	-0.018131	0.003379	-0.022250	-0.019772
	0.007674	0.007778	0.013082	-0.010377	0.025788	-0.000911
	0.000327	-0.034136	-0.008345	0.006143	-0.000029	-0.021166
	-0.003927	-0.019453	-0.020839	-0.022212	-0.020282	0.039616
	-0.026174	0.037913	-0.041966	-0.009604	0.014249	-0.021317
	0.018292					

z426	-0.018820	0.022206	-0.021948	-0.009752	-0.005557	0.009923
	0.045089	0.037523	0.007692	0.011907	-0.042922	-0.008788
	0.014613	-0.005180	-0.023400	0.004806	0.008145	-0.002227
	-0.007585	-0.011416	-0.006660	-0.032796	0.004949	-0.008637
	-0.004682	-0.048679	-0.047568	0.024883	-0.002149	0.027926
	-0.004115					
x427	-0.013709	-0.000981	0.006353	0.010128	0.001087	-0.015759
	-0.026655	0.024620	-0.013888	0.007878	-0.005347	-0.013437
	-0.003385	0.046663	0.013271	0.007086	0.002407	-0.006884
	-0.025232	0.036448	0.017879	0.022114	0.045173	-0.002078
	0.015243	-0.008299	0.048328	0.041868	0.042405	-0.019321
	0.006665					
y427	-0.007822	0.000357	-0.019936	0.005510	-0.024682	-0.013542
	0.012675	0.009844	0.014116	-0.011212	0.026509	-0.006341
	0.001494	-0.038351	-0.010611	0.006336	0.005024	-0.025245
	0.003557	-0.017251	-0.017405	-0.030979	-0.014922	0.040118
	-0.030953	0.041821	-0.046023	-0.009893	0.013342	-0.024899
	0.017106					
z427	-0.019073	0.025236	-0.023984	-0.010665	-0.006760	0.007604
	0.037683	0.035858	-0.002159	0.009583	-0.047726	-0.010488
	0.003309	-0.014529	-0.024732	0.002255	0.005187	0.004989
	-0.009339	-0.009265	-0.016042	-0.028112	0.003421	-0.015613
	-0.017977	-0.071311	-0.039064	0.029139	-0.006444	0.020762
	-0.015273					
x428	-0.012914	-0.001157	0.002343	0.003995	-0.000855	-0.016515
	-0.024452	0.025013	-0.015937	0.009479	-0.001949	-0.012923
	-0.008738	0.039523	0.016281	0.006227	0.005352	-0.010645
	-0.023763	0.031213	0.019828	0.025440	0.041585	-0.003208
	0.012534	-0.006924	0.033884	0.039272	0.033712	-0.022942
	0.004009					
y428	-0.006714	0.000059	-0.020666	0.007318	-0.027176	-0.006435
	0.018410	0.012554	0.014900	-0.011767	0.027671	-0.009719
	-0.000763	-0.041632	-0.010841	0.009955	0.007256	-0.024854
	0.009079	-0.013237	-0.008273	-0.038606	-0.007802	0.041836
	-0.032553	0.054068	-0.054227	-0.004616	0.017236	-0.025765
	0.027923					
z428	-0.020419	0.028475	-0.026123	-0.013061	-0.012654	0.009996
	0.030865	0.035565	-0.003205	0.008075	-0.048082	-0.017934
	-0.009925	-0.013328	-0.025690	0.011798	0.006660	0.015408
	-0.004895	-0.004364	0.004655	-0.021244	0.007049	-0.011197
	-0.012146	-0.056328	-0.051644	0.037669	-0.004172	-0.007066
	0.015324					

x429	-0.011417	-0.002357	-0.001305	-0.001226	-0.003663	-0.016761
	-0.020774	0.025180	-0.018241	0.011349	0.000463	-0.011026
	-0.015718	0.031847	0.019297	0.004477	0.005855	-0.014755
	-0.020849	0.023414	0.015957	0.026427	0.039620	-0.002666
	0.010675	-0.009366	0.022044	0.044229	0.028109	-0.025889
	0.001683					
y429	-0.006270	0.001255	-0.020833	0.009663	-0.027505	0.000268
	0.021018	0.012986	0.015433	-0.014171	0.027138	-0.012270
	0.003105	-0.046159	-0.010170	0.011043	0.011142	-0.023817
	0.010002	-0.012250	-0.005558	-0.048005	0.000251	0.041740
	-0.033782	0.052839	-0.054197	-0.008715	0.023278	-0.017223
	0.026496					
z429	-0.020856	0.028846	-0.026302	-0.014974	-0.014474	0.010372
	0.024172	0.031687	-0.006664	0.008157	-0.050584	-0.019012
	-0.012242	-0.015550	-0.011176	0.021275	0.009086	0.022784
	0.000201	-0.009099	0.006802	-0.019582	0.001546	-0.010691
	-0.003660	-0.060395	-0.052262	0.032619	-0.005189	-0.010988
	0.022251					
x430	-0.010471	-0.003460	-0.004800	-0.006532	-0.004757	-0.015473
	-0.018146	0.025975	-0.020225	0.012404	0.005711	-0.010881
	-0.016319	0.026176	0.021504	0.001536	0.010271	-0.019776
	-0.018395	0.016609	0.010167	0.023970	0.034415	-0.001605
	0.005584	-0.003889	0.008000	0.034126	0.022454	-0.024616
	-0.002327					
y430	-0.004925	0.002563	-0.020809	0.012320	-0.029302	0.005770
	0.024511	0.013185	0.013725	-0.016748	0.024627	-0.012064
	-0.000435	-0.052099	-0.009214	0.013735	0.010643	-0.021675
	0.010490	-0.011482	-0.001243	-0.052525	0.012434	0.038725
	-0.032056	0.043227	-0.050948	0.001960	0.031788	-0.014277
	0.028414					
z430	-0.019865	0.027468	-0.025957	-0.018728	-0.015060	0.006992
	0.017755	0.025448	-0.012668	0.006065	-0.048850	-0.014351
	-0.018970	-0.018884	-0.002975	0.023283	0.009474	0.027245
	0.000408	-0.016379	0.003777	-0.013128	-0.010291	-0.010243
	-0.011620	-0.074199	-0.061631	0.023631	-0.009446	-0.020153
	0.027519					
x431	-0.009374	-0.004937	-0.007462	-0.010126	-0.008036	-0.012516
	-0.015234	0.028358	-0.021102	0.011220	0.009578	-0.011091
	-0.018366	0.019157	0.023770	0.000223	0.010388	-0.027822
	-0.016791	0.012507	0.005580	0.025143	0.036908	0.005813
	0.006064	0.001765	-0.001433	0.030827	0.021689	-0.010190
	-0.003648					

y431	-0.004120	0.004496	-0.021596	0.012601	-0.027636	0.010525
	0.025238	0.012640	0.011841	-0.018118	0.024234	-0.012209
	0.001128	-0.053976	-0.009329	0.013113	0.016123	-0.017210
	0.013309	-0.010731	0.003806	-0.058807	0.014301	0.025317
	-0.037730	0.036794	-0.050384	0.003971	0.028655	-0.032305
	0.028341					
z431	-0.018190	0.025925	-0.026751	-0.022787	-0.011234	0.002592
	0.011242	0.023487	-0.019036	0.006189	-0.045019	-0.013559
	-0.022952	-0.017287	-0.001806	0.023495	0.017004	0.022273
	0.013618	-0.019717	0.008307	-0.010292	-0.025687	-0.017535
	-0.019246	-0.083533	-0.077708	0.028508	-0.025920	-0.055177
	0.031619					
x432	-0.008007	-0.006494	-0.010195	-0.014472	-0.010853	-0.008298
	-0.013738	0.029364	-0.022552	0.010996	0.013666	-0.012910
	-0.019429	0.009820	0.026250	-0.002117	0.011034	-0.035675
	-0.011058	0.007829	0.000138	0.020777	0.037509	0.014166
	0.005756	0.008084	-0.016922	0.027383	0.022380	-0.003844
	-0.006580					
y432	-0.003874	0.006450	-0.022173	0.011010	-0.024790	0.013793
	0.024785	0.010439	0.011078	-0.016977	0.023504	-0.014439
	0.000011	-0.053887	-0.002934	0.016333	0.025303	-0.007045
	0.021742	-0.013083	0.009536	-0.063878	0.012978	0.010187
	-0.038856	0.025776	-0.055782	0.012284	0.030238	-0.051025
	0.025286					
z432	-0.017734	0.023445	-0.025446	-0.028624	-0.007030	-0.001652
	0.002676	0.016866	-0.021255	0.006256	-0.040819	-0.019839
	-0.022330	-0.013204	0.000970	0.023959	0.022519	0.019894
	0.032208	-0.019721	0.013328	-0.006983	-0.039455	-0.013517
	-0.014821	-0.083576	-0.095001	0.023378	-0.035005	-0.060921
	0.030112					
x433	-0.005520	-0.008607	-0.013571	-0.018759	-0.014623	-0.001701
	-0.011771	0.031949	-0.024715	0.013350	0.022601	-0.014453
	-0.017830	-0.000020	0.027221	-0.005300	0.016055	-0.047926
	-0.006823	0.002223	-0.007393	0.015138	0.038012	0.016723
	0.001069	0.014967	-0.036493	0.024574	0.024599	-0.004614
	-0.013386					
y433	-0.003975	0.008191	-0.020314	0.008996	-0.023558	0.019953
	0.024078	0.009107	0.012446	-0.019870	0.021639	-0.010689
	-0.002222	-0.052895	0.004143	0.023487	0.031105	0.000956
	0.015375	-0.015035	0.014802	-0.055401	0.008936	-0.005591
	-0.040982	0.020260	-0.048597	0.008264	0.029408	-0.051929
	0.021864					

z433	-0.016546	0.020820	-0.024703	-0.033041	-0.007436	0.000042
	-0.006294	0.016958	-0.023155	0.005103	-0.025643	-0.018098
	-0.014786	-0.008319	-0.000162	0.023189	0.016300	0.006009
	0.026770	-0.014278	0.012189	-0.002770	-0.044411	-0.002288
	-0.004772	-0.071608	-0.095920	0.009937	-0.045825	-0.054220
	0.015801					
x434	-0.002691	-0.011705	-0.017426	-0.023368	-0.020702	0.008514
	-0.008236	0.038753	-0.025401	0.011644	0.027471	-0.015626
	-0.007798	-0.001548	0.024718	-0.004769	0.019895	-0.054404
	-0.006272	0.002056	-0.016469	0.015551	0.045667	0.030756
	0.005175	0.033414	-0.027824	0.014434	0.014624	0.009619
	-0.011965					
y434	-0.002095	0.007650	-0.018448	0.007692	-0.025899	0.027076
	0.021297	0.006579	0.013494	-0.021884	0.019710	-0.009097
	-0.000100	-0.041471	0.017401	0.028030	0.030952	-0.006750
	0.010017	-0.017241	0.011667	-0.031171	0.020971	-0.007453
	-0.016189	0.034257	-0.019465	-0.008019	0.008138	-0.030407
	0.013361					
z434	-0.014812	0.017321	-0.027796	-0.038750	-0.007868	-0.000701
	-0.022147	0.016726	-0.024784	0.007070	-0.012312	-0.019635
	-0.010520	0.004059	0.006498	0.024837	0.012928	-0.011429
	0.017924	-0.012762	0.000119	0.007005	-0.050143	0.021579
	0.016975	-0.037742	-0.083690	0.005229	-0.080707	-0.046028
	-0.013649					
x435	-0.000307	-0.014772	-0.021142	-0.030061	-0.022214	0.012673
	-0.000498	0.043390	-0.027253	0.011661	0.027399	-0.019569
	-0.001022	-0.005146	0.016333	-0.001816	0.020918	-0.045982
	0.007797	0.002299	-0.022451	0.014324	0.051880	0.024103
	-0.003367	0.033855	-0.020366	0.011510	0.030657	0.005294
	0.002781					
y435	0.000738	0.006469	-0.022159	0.001430	-0.032482	0.025379
	0.004737	-0.002899	0.016079	-0.017743	0.019751	-0.010786
	-0.007071	-0.028956	0.042751	0.018786	0.032641	-0.033651
	0.012629	-0.020457	-0.016347	0.007923	0.022254	0.005492
	0.002147	0.057457	-0.008880	-0.012207	-0.001660	-0.017630
	-0.015783					
z435	-0.015974	0.013482	-0.031655	-0.042548	-0.017692	0.002628
	-0.030950	0.008165	-0.020088	0.012589	-0.016071	-0.008996
	-0.019927	0.016062	0.024451	0.025274	0.029882	-0.017710
	0.002930	-0.024757	-0.030084	0.019827	-0.055969	0.040104
	0.013956	-0.021801	-0.056759	0.019141	-0.085832	-0.026683
	-0.040975					

x436	0.003424	-0.020982	-0.028354	-0.038713	-0.029756	0.019990
	0.005493	0.044211	-0.026196	0.014222	0.025882	-0.020884
	0.006099	-0.006025	0.010653	0.001587	0.034280	-0.047282
	0.013808	0.003084	-0.034452	0.020962	0.050525	0.032715
	-0.015365	0.046998	-0.009535	0.025527	0.042079	0.012140
	0.003331					
y436	0.001051	0.006057	-0.021200	0.000064	-0.031523	0.020282
	0.002073	-0.009331	0.017292	-0.016406	0.015570	-0.007383
	-0.003192	-0.017546	0.042869	0.018854	0.031809	-0.027227
	0.014253	-0.024087	-0.028953	0.027327	0.030855	0.019768
	0.003526	0.060038	0.005262	-0.004036	0.007802	-0.008010
	-0.026915					
z436	-0.013621	0.006857	-0.039255	-0.043548	-0.024165	-0.003341
	-0.039428	-0.004022	-0.020679	0.011765	-0.011425	0.001174
	-0.028035	0.011870	0.043119	0.013591	0.041558	-0.025417
	-0.000588	-0.035363	-0.042125	0.033950	-0.049674	0.064218
	0.011094	-0.002770	-0.053141	0.032996	-0.060567	0.002571
	-0.063285					
x437	0.005795	-0.024337	-0.030931	-0.046185	-0.032766	0.027634
	0.009245	0.046353	-0.022860	0.015733	0.023019	-0.025093
	0.009285	-0.002672	0.006239	0.008077	0.050317	-0.049530
	0.016812	0.001916	-0.042169	0.026463	0.041114	0.026116
	-0.033537	0.039167	-0.012182	0.030426	0.041904	0.007451
	0.007263					
y437	-0.001196	0.007907	-0.015052	0.000931	-0.022446	0.018960
	0.001040	-0.013023	0.020298	-0.015301	0.009882	-0.007804
	-0.005221	-0.009654	0.038105	0.021158	0.033250	-0.021101
	0.006237	-0.025738	-0.023390	0.021713	0.021487	0.014906
	-0.005664	0.034829	0.003435	-0.000087	0.010168	-0.004360
	0.008145					
z437	-0.012414	0.002509	-0.044255	-0.045916	-0.025582	-0.009811
	-0.041379	-0.010928	-0.020257	0.007117	-0.004538	0.003671
	-0.032800	0.012670	0.044250	0.004769	0.051055	-0.025399
	0.001763	-0.042280	-0.038531	0.041914	-0.044666	0.063289
	0.000723	-0.001807	-0.040779	0.027587	-0.020395	0.022829
	-0.012361					
x438	0.009013	-0.025010	-0.031657	-0.047544	-0.031840	0.041287
	0.012307	0.048957	-0.022056	0.016914	0.019144	-0.028838
	0.015794	-0.010000	0.015199	0.014012	0.058908	-0.055930
	0.009715	0.001043	-0.047959	0.027673	0.032448	0.016517
	-0.028859	0.047346	-0.009277	0.042331	0.016025	0.008168
	-0.019611					

y438	-0.002509	0.012141	-0.010078	0.005412	-0.015194	0.020324
	-0.000001	-0.016455	0.019663	-0.017286	0.003993	-0.008399
	-0.006439	-0.005278	0.041259	0.021476	0.031442	-0.011418
	-0.003010	-0.025349	-0.014921	0.024090	0.014405	0.006515
	-0.009710	0.021833	0.003506	0.003562	0.001487	0.002966
	0.017178					
z438	-0.010643	0.001455	-0.043643	-0.042221	-0.028367	-0.011412
	-0.037296	-0.008895	-0.020498	0.008549	0.001711	0.011965
	-0.029326	0.013018	0.034593	0.007291	0.051101	-0.004552
	0.009095	-0.041790	-0.050173	0.061194	-0.031426	0.046031
	-0.008322	0.011623	-0.036634	0.025155	-0.005332	0.009594
	-0.058638					
x439	0.007779	-0.028285	-0.033395	-0.048618	-0.030195	0.047964
	0.008413	0.046315	-0.025935	0.019058	0.014087	-0.025629
	0.014698	-0.016515	0.012889	0.015215	0.056599	-0.069753
	0.002654	0.000573	-0.047048	0.028992	0.034330	0.011183
	-0.032002	0.049995	-0.009919	0.048997	-0.012270	0.006703
	-0.034895					
y439	-0.006081	0.015844	-0.005562	0.011069	-0.006698	0.019231
	-0.004397	-0.022145	0.016554	-0.020240	-0.001491	-0.006618
	-0.012193	-0.004386	0.045910	0.019326	0.021697	0.000689
	-0.010260	-0.025531	-0.000769	0.024461	0.012643	0.001839
	-0.010553	0.004391	-0.000747	0.002808	-0.015252	0.007271
	0.008351					
z439	-0.012292	-0.002085	-0.044868	-0.040230	-0.028126	-0.013567
	-0.036397	-0.010051	-0.025731	0.006004	0.006939	0.021408
	-0.030622	0.010713	0.021626	0.002306	0.049775	0.003139
	0.012373	-0.037027	-0.041020	0.048771	-0.020808	0.046119
	-0.004986	0.008451	-0.020989	0.019678	0.020183	0.018451
	-0.057094					
x440	0.006210	-0.029246	-0.032667	-0.047459	-0.033397	0.051346
	0.005291	0.049789	-0.024849	0.022155	0.013676	-0.018246
	0.015011	-0.021589	0.002515	0.002647	0.044861	-0.066634
	0.009992	-0.000829	-0.059383	0.032909	0.058555	0.001455
	-0.035794	0.033478	-0.009152	0.029609	-0.006096	0.005831
	-0.030963					
y440	-0.008656	0.019152	-0.001623	0.021057	-0.002991	0.017188
	-0.007525	-0.025014	0.012606	-0.019704	-0.003218	-0.003091
	-0.022843	-0.002465	0.047702	0.008459	0.013028	0.011646
	-0.020700	-0.026753	0.010827	0.032378	0.012452	-0.021553
	-0.014619	-0.013983	-0.014706	-0.004572	-0.018248	0.024997
	0.014396					

z440	-0.011687	-0.006762	-0.042434	-0.031823	-0.029245	-0.010182
	-0.027076	-0.006076	-0.025183	0.004441	0.008389	0.025972
	-0.036182	-0.000745	0.004250	-0.009269	0.042940	0.007274
	0.006069	-0.029711	-0.033770	0.041667	-0.011712	0.024169
	-0.012224	-0.002227	-0.011541	0.004337	0.033581	0.020620
	-0.009814					
x441	0.005543	-0.029142	-0.030024	-0.043018	-0.034085	0.054694
	0.006530	0.049214	-0.018545	0.019221	0.009176	-0.014510
	0.017231	-0.020068	0.000427	-0.009124	0.042816	-0.061664
	0.007206	-0.007205	-0.060073	0.016977	0.069076	-0.005481
	-0.032359	0.027474	0.001957	0.022321	-0.000796	-0.001360
	-0.018684					
y441	-0.011245	0.019833	0.001556	0.026688	0.004940	0.008507
	-0.014579	-0.034514	0.014967	-0.020513	-0.003099	-0.003720
	-0.031282	-0.005896	0.063732	-0.000884	0.006859	0.015131
	-0.028369	-0.040593	0.016760	0.029894	0.021508	-0.022292
	0.003327	-0.004404	-0.021326	-0.004781	-0.032390	0.026465
	0.005628					
z441	-0.012310	-0.011099	-0.038382	-0.026527	-0.022974	-0.004983
	-0.014529	-0.000584	-0.020161	-0.005990	0.002998	0.029472
	-0.028888	-0.015141	-0.003319	-0.020401	0.034698	0.017373
	0.000201	-0.027956	-0.027954	-0.001314	-0.011879	0.026698
	0.000362	-0.012715	0.003349	-0.010339	0.049354	-0.003893
	0.039891					
x442	0.005639	-0.026109	-0.022796	-0.037228	-0.024875	0.061003
	-0.001735	0.048975	-0.011456	0.012570	0.004486	-0.017802
	0.026507	-0.007501	0.011129	-0.009589	0.043770	-0.059088
	0.006121	-0.007247	-0.039985	0.015798	0.048712	-0.015533
	-0.025401	0.013502	-0.001177	0.046188	-0.012636	0.005479
	-0.044583					
y442	-0.016263	0.021448	0.003397	0.025919	-0.000445	0.001972
	-0.021705	-0.032343	0.011999	-0.012391	0.010779	0.003839
	-0.038454	0.000288	0.045608	-0.009036	-0.012808	0.041186
	-0.019265	-0.032784	0.001457	0.020499	0.033259	-0.018034
	0.034509	-0.003789	-0.014033	-0.022864	-0.004101	0.011913
	-0.004342					
z442	-0.011429	-0.009477	-0.030614	-0.025812	-0.004174	0.000012
	-0.013660	0.007427	-0.013574	-0.022436	-0.009253	0.023773
	-0.010009	-0.015434	-0.001755	-0.010583	0.032134	0.020278
	-0.008834	-0.014726	-0.017806	-0.013399	-0.029709	0.017521
	-0.002381	-0.018844	0.004124	-0.002750	0.059960	-0.009979
	0.034625					

x443	0.003812	-0.024476	-0.013021	-0.035680	-0.023041	0.063891
	-0.015447	0.043980	-0.007826	-0.002400	-0.002773	0.003017
	0.032824	-0.018277	0.007717	0.001084	0.035735	-0.043131
	0.013486	0.012717	-0.030405	0.023702	0.052763	-0.049015
	-0.011439	-0.009518	-0.019532	0.038926	-0.011677	-0.025386
	-0.044780					
y443	-0.016604	0.021567	0.003242	0.020005	-0.000072	-0.007198
	-0.030377	-0.034058	0.017668	-0.011540	0.006874	-0.000056
	-0.037596	0.024925	0.034673	-0.001243	0.002827	0.055093
	-0.006981	-0.043827	-0.002909	0.023656	0.049443	-0.002622
	0.024095	0.020201	-0.003144	0.004564	0.011785	0.012440
	-0.017977					
z443	-0.010845	-0.008034	-0.026197	-0.036372	0.008134	0.011893
	-0.017488	0.011684	-0.013821	-0.022409	-0.020400	0.018227
	-0.018800	-0.043518	-0.005001	0.002855	0.021284	0.022095
	-0.017490	0.007305	-0.000802	-0.007746	-0.011218	-0.015808
	-0.002933	-0.035177	-0.002987	0.003830	0.031748	-0.007265
	0.009470					
x444	0.003301	-0.025856	-0.006732	-0.049306	-0.018344	0.056428
	-0.028993	0.037169	-0.000127	0.002222	-0.023721	0.005032
	0.044131	-0.026531	0.019524	-0.015949	0.053305	-0.061506
	-0.007842	0.023433	0.001426	-0.006575	0.052176	-0.103521
	0.027352	0.023017	0.003970	0.050747	-0.001046	0.010947
	-0.013750					
y444	-0.012018	0.020402	0.001607	0.021242	0.009678	-0.010260
	-0.028084	-0.040294	0.016755	-0.012913	0.024522	-0.003387
	-0.031244	0.019392	0.037312	-0.010309	0.000140	0.045253
	0.006566	-0.060952	-0.005963	0.040767	0.070090	-0.014736
	0.025784	0.029888	-0.000604	0.016241	-0.002727	0.003276
	-0.021885					
z444	-0.009756	-0.008733	-0.017033	-0.045025	0.010708	0.014897
	-0.018108	0.013044	-0.001218	-0.019254	-0.015568	0.005658
	-0.012366	-0.060419	0.003450	-0.014842	0.035567	0.002313
	-0.032952	0.009961	0.002691	-0.002978	-0.019371	-0.060227
	-0.008611	-0.000850	0.013425	0.019902	0.043956	-0.007382
	0.004424					
x445	-0.001690	-0.025357	-0.003869	-0.045341	-0.011866	0.052525
	-0.035343	0.027202	-0.001093	0.005307	-0.013824	-0.020087
	0.029035	-0.035798	0.031498	-0.016176	0.042476	-0.061812
	-0.024328	-0.006908	-0.020810	0.026935	0.047854	-0.090813
	0.024878	0.044423	0.001023	0.059341	-0.007035	0.002919
	-0.000658					

y445	-0.012389	0.018157	-0.005054	0.020092	0.006883	-0.015015
	-0.017414	-0.040101	0.015613	-0.003794	0.019983	-0.017558
	-0.030347	0.014489	0.044853	-0.018314	0.020880	0.024366
	-0.004048	-0.074312	-0.008728	0.055428	0.060518	-0.010830
	0.021050	0.030775	0.006685	0.029364	-0.032690	0.012623
	-0.002790					
z445	-0.013864	-0.006093	-0.014146	-0.048527	0.013683	0.012102
	-0.006617	0.011526	0.004356	-0.008539	0.000689	-0.020158
	-0.011606	-0.082192	0.008973	-0.012104	0.032515	-0.014192
	-0.044470	-0.000918	-0.016783	0.027488	-0.022108	-0.045191
	-0.033909	0.003612	0.025075	0.027477	0.029441	-0.005185
	0.012361					
x446	-0.007704	-0.018915	-0.002744	-0.032775	-0.011262	0.047434
	-0.038813	0.015923	0.004174	-0.004561	-0.012989	-0.015135
	0.004711	-0.016830	0.018200	-0.004235	0.029240	-0.030824
	-0.032014	-0.016013	-0.006196	0.035015	0.046563	-0.057654
	0.023875	0.019689	-0.012206	0.052196	0.004132	-0.017042
	-0.000178					
y446	-0.014663	0.018358	-0.011346	0.020014	0.000998	-0.017020
	-0.001825	-0.036698	0.010217	-0.005810	0.012715	-0.015648
	-0.017865	0.015995	0.052375	-0.025073	0.037455	0.021907
	-0.014370	-0.059505	-0.001100	0.056409	0.055453	-0.007813
	0.007108	-0.000655	0.015529	0.044427	-0.054913	0.002659
	0.013198					
z446	-0.015577	-0.001983	-0.013541	-0.035701	0.015704	-0.004476
	0.003544	0.017222	0.005014	-0.009579	0.016270	-0.019505
	-0.029470	-0.062026	-0.002239	-0.016286	0.006508	-0.008578
	-0.015715	-0.005761	-0.008019	0.027826	-0.022735	-0.005022
	-0.027127	-0.018830	0.030727	-0.007325	0.033563	-0.013435
	-0.015045					
x447	-0.009763	-0.016520	-0.000033	-0.026104	-0.013849	0.047372
	-0.041074	0.013127	0.007624	0.001075	-0.013936	-0.020021
	-0.004762	-0.006598	0.010517	0.002304	0.020645	-0.023303
	-0.030457	-0.022998	-0.021166	0.037605	0.036832	-0.033708
	0.024030	0.022068	-0.019860	0.051264	-0.015182	-0.041563
	0.008605					
y447	-0.015511	0.017240	-0.014973	0.017758	-0.000763	-0.023549
	0.006135	-0.036332	0.001977	-0.010280	0.018135	-0.009556
	-0.008247	0.020254	0.051352	-0.021965	0.033633	0.018644
	-0.015175	-0.055590	0.004722	0.057612	0.055918	-0.002000
	-0.002824	-0.019020	0.018698	0.043287	-0.034286	-0.004545
	0.012316					

z447	-0.016024	0.000400	-0.013951	-0.026625	0.016391	-0.012589
	0.002109	0.011545	0.004796	-0.015770	0.023512	0.006406
	-0.034544	-0.044209	0.003743	-0.023372	-0.001026	0.006548
	0.005951	0.017247	0.011181	0.016889	-0.010827	-0.005156
	-0.002601	-0.034566	0.015833	-0.021680	0.048697	-0.016709
	-0.006808					
x448	-0.013566	-0.014190	0.000130	-0.022923	-0.009243	0.028065
	-0.042650	0.007939	0.007639	0.004576	-0.006353	-0.008441
	-0.019587	0.008932	0.001667	0.016610	0.008287	-0.017872
	-0.018120	-0.024448	-0.024704	0.036760	0.034870	-0.011883
	0.026765	0.011109	-0.033672	0.042727	0.005360	-0.058830
	0.007385					
y448	-0.013417	0.010570	-0.022573	0.012258	-0.000222	-0.027723
	0.014065	-0.036429	-0.009869	-0.009143	0.017020	-0.012927
	0.001072	0.017056	0.050484	-0.018282	0.026856	0.007038
	-0.009117	-0.040984	0.002953	0.056801	0.054547	-0.001086
	-0.020784	-0.034396	0.018553	0.040242	-0.029538	0.004026
	0.013994					
z448	-0.014250	0.005626	-0.009610	-0.026100	0.016994	-0.014301
	0.002725	0.018286	0.013873	-0.014137	0.029716	0.028289
	-0.033800	-0.033174	0.005198	-0.014886	0.000193	0.013724
	0.013213	0.020030	0.009601	0.015881	0.002702	-0.003124
	0.013732	-0.026874	-0.003244	-0.020076	0.033816	-0.022538
	0.017539					
x449	-0.016224	-0.014681	-0.005109	-0.029184	-0.005035	0.002812
	-0.044435	0.002462	0.005503	0.007451	-0.006113	-0.013764
	-0.030038	0.013196	-0.004234	0.022654	0.002087	-0.022417
	-0.005965	-0.015642	-0.024889	0.038601	0.034792	0.000128
	0.028496	0.009380	-0.031264	0.047278	0.030141	-0.048527
	-0.003078					
y449	-0.008028	0.005606	-0.032345	0.005489	0.001795	-0.027505
	0.023959	-0.033867	-0.021694	-0.010391	0.007183	-0.013327
	0.010877	0.008939	0.046876	-0.008810	0.018959	-0.004894
	-0.003245	-0.036001	0.003461	0.056946	0.062959	-0.006706
	-0.029589	-0.046167	0.004804	0.029258	-0.035841	0.011221
	0.029656					
z449	-0.013695	0.010786	-0.002666	-0.025829	0.016151	-0.012573
	0.001471	0.018330	0.019143	-0.012491	0.040483	0.044091
	-0.031019	-0.024619	0.011893	-0.010284	-0.000706	0.018614
	0.013868	0.015004	0.005436	0.016836	0.011056	-0.002382
	0.018057	-0.019883	-0.019224	-0.012188	0.020622	-0.020280
	0.005321					

x450	-0.018355	-0.016476	-0.015674	-0.040537	0.002692	-0.034515
	-0.039288	-0.003460	0.002025	0.006119	-0.009833	-0.020034
	-0.036944	0.015118	-0.022612	0.027243	0.002803	-0.035199
	0.013527	-0.002437	-0.014412	0.042554	0.028568	0.012141
	0.023242	0.005969	-0.019723	0.041820	0.052583	-0.029319
	-0.008321					
y450	-0.000630	-0.003096	-0.044766	-0.007965	0.005692	-0.030972
	0.032166	-0.029016	-0.037058	-0.001991	-0.008744	-0.015005
	0.028343	0.000177	0.048069	0.012898	-0.007194	-0.012451
	-0.005966	-0.027111	-0.006382	0.048743	0.077394	-0.017660
	-0.023901	-0.051163	-0.017138	0.039196	-0.047846	0.027504
	0.031550					
z450	-0.012882	0.016397	0.006470	-0.020565	0.017531	-0.013645
	0.002581	0.012830	0.023618	-0.008286	0.062139	0.064919
	-0.024517	-0.008759	0.016183	-0.013581	0.002337	0.029673
	0.017144	0.002689	-0.008640	0.027559	0.008004	0.006667
	0.016791	0.000277	-0.027396	-0.007219	0.005210	-0.038100
	-0.015343					
x451	-0.022034	-0.022849	-0.028344	-0.055537	0.023330	-0.085686
	-0.032865	-0.015648	-0.002979	0.007399	-0.013650	-0.030142
	-0.042450	0.023480	-0.055042	0.035417	0.001910	-0.056603
	0.029357	0.033791	0.001333	0.037207	0.007597	0.030020
	-0.002393	-0.006123	0.013563	0.008589	0.038958	-0.009370
	-0.017779					
y451	0.004510	-0.014089	-0.053741	-0.022262	0.019210	-0.042135
	0.044992	-0.015074	-0.057466	0.019765	-0.020324	0.012642
	0.054915	0.005951	0.047141	0.043556	-0.050111	-0.006871
	-0.024668	-0.012952	-0.035182	0.007509	0.057384	-0.010070
	0.001774	-0.025449	-0.019059	0.058202	-0.037113	0.016867
	0.007718					
z451	-0.006783	0.020591	0.013015	-0.026289	0.016503	-0.022060
	0.006238	0.005484	0.028629	0.000879	0.077799	0.080714
	-0.003635	0.005995	0.018867	-0.017322	0.013129	0.031550
	0.028883	-0.018133	-0.021281	0.055598	0.014920	-0.000235
	0.016395	0.015318	-0.038833	0.008542	-0.032595	-0.034804
	-0.021701					
x452	-0.025898	-0.026340	-0.033214	-0.059208	0.043830	-0.111714
	-0.034396	-0.025189	0.004387	0.010214	-0.010410	-0.037043
	-0.044025	0.017649	-0.072778	0.038180	0.010059	-0.076489
	0.027058	0.041687	0.042530	0.019290	-0.013785	0.041869
	0.006951	-0.008234	0.035791	-0.015274	0.023504	0.018200
	-0.022160					

y452	0.006110	-0.017764	-0.046329	-0.025233	0.027203	-0.043025
	0.047980	0.002275	-0.061841	0.046305	-0.037910	0.047265
	0.070904	0.010548	0.044155	0.047745	-0.062503	0.010971
	-0.051731	0.015002	-0.055060	-0.008865	0.032274	0.003135
	0.023195	-0.009167	0.001470	0.044574	0.000452	-0.027938
	0.016831					
z452	-0.002212	0.018280	0.006730	-0.034654	0.019475	-0.034979
	0.015920	-0.005566	0.015074	0.003514	0.077951	0.071433
	0.017222	0.018579	0.017238	-0.028613	0.018666	0.025398
	0.041692	-0.038044	-0.010783	0.067612	0.009090	-0.008133
	0.006710	0.002035	-0.035991	0.018623	-0.071280	-0.010525
	-0.045429					
x453	-0.034224	-0.028536	0.000550	-0.128541	-0.138289	0.034483
	-0.036233	-0.118325	0.047732	0.137496	0.063746	-0.011612
	-0.011631	0.006891	-0.037809	-0.050655	0.024784	0.016899
	-0.015009	0.016717	-0.107599	-0.032006	-0.012589	0.053364
	-0.058915	-0.010060	0.056777	0.032722	-0.000217	-0.016928
	0.012754					
y453	0.005240	0.090872	0.033907	0.022640	-0.008981	-0.035576
	-0.027009	0.026243	-0.012794	0.011099	0.092836	0.063601
	0.126314	0.071648	-0.095168	-0.114100	0.037501	0.048322
	-0.031772	0.028011	-0.060050	0.060736	0.069413	0.038957
	0.038818	0.016783	-0.047117	0.023386	0.011561	0.057981
	0.034129					
z453	0.034268	-0.015024	-0.109997	0.125949	0.070264	-0.056825
	-0.039556	-0.048875	0.038641	0.104401	0.012377	0.016973
	-0.138331	-0.002762	0.064953	-0.010399	0.062793	0.036777
	0.082824	0.052867	-0.001318	-0.036379	0.017959	0.044025
	-0.028711	-0.047590	0.072108	0.027130	0.071302	0.028762
	0.032890					
x454	-0.033269	-0.024023	0.001670	-0.126071	-0.136207	0.035901
	-0.037034	-0.117488	0.046305	0.133896	0.059114	-0.020743
	-0.007556	0.002099	-0.040108	-0.046957	0.030745	0.016516
	-0.020451	0.020027	-0.098546	-0.014230	-0.013485	0.046410
	-0.061159	-0.009440	0.061261	0.028490	0.001448	-0.020459
	0.021500					
y454	0.007681	0.089860	0.029494	0.021923	-0.005138	-0.036497
	-0.022142	0.023905	-0.011962	-0.000280	0.079073	0.052707
	0.112391	0.056739	-0.085863	-0.107944	0.024380	0.040897
	-0.018984	0.019131	-0.050579	0.051823	0.067393	0.046398
	0.028547	0.025633	-0.041867	0.025764	0.014592	0.043961
	0.023380					

z454	0.028348	-0.015245	-0.103694	0.122924	0.079304	-0.056590
	-0.031961	-0.037762	0.037205	0.091521	0.008331	0.028295
	-0.119243	-0.001356	0.064522	-0.010136	0.055224	0.028098
	0.073657	0.058613	-0.002735	-0.047551	0.017161	0.041009
	-0.042341	-0.037702	0.055365	0.019268	0.032762	0.015418
	0.024879					
x455	-0.032521	-0.020350	0.003338	-0.119057	-0.134468	0.035137
	-0.034675	-0.114705	0.047181	0.125747	0.050316	-0.028384
	-0.005459	-0.006167	-0.035883	-0.047596	0.038998	0.017638
	-0.024397	0.019932	-0.078629	-0.000575	-0.014222	0.044109
	-0.064422	-0.005494	0.068613	0.028441	0.011169	-0.022483
	0.021827					
y455	0.008809	0.086995	0.024786	0.017678	-0.001035	-0.037128
	-0.019772	0.021124	-0.008269	-0.009204	0.066410	0.040117
	0.097722	0.037933	-0.072919	-0.098938	0.007057	0.033935
	-0.012464	0.008727	-0.038897	0.044618	0.059932	0.048705
	0.017211	0.027046	-0.027338	0.023682	0.023928	0.030570
	0.005752					
z455	0.022127	-0.015853	-0.097278	0.117200	0.087938	-0.054648
	-0.022851	-0.025995	0.037143	0.080309	0.005297	0.041643
	-0.105157	-0.002612	0.065157	-0.001395	0.038562	0.013984
	0.057748	0.063259	-0.010033	-0.054233	0.022990	0.029705
	-0.057196	-0.035808	0.047314	0.017198	0.009513	0.008698
	0.013381					
x456	-0.031394	-0.016770	0.005986	-0.106939	-0.127556	0.031117
	-0.028520	-0.107265	0.043484	0.108411	0.039921	-0.031173
	-0.004798	-0.004835	-0.028811	-0.046511	0.029757	0.014138
	-0.025520	0.009560	-0.062177	-0.000824	-0.016053	0.036287
	-0.065840	0.000343	0.060647	0.022173	0.007362	-0.018415
	0.025709					
y456	0.012947	0.079223	0.018726	0.015644	-0.000878	-0.036873
	-0.015728	0.014717	-0.007872	-0.017841	0.054891	0.027960
	0.078553	0.026065	-0.065212	-0.091015	-0.007936	0.026340
	-0.008857	-0.000070	-0.034445	0.040160	0.041830	0.030576
	-0.002269	0.023230	-0.027152	0.018409	0.011526	0.032099
	-0.002203					
z456	0.015927	-0.018356	-0.090798	0.112446	0.091061	-0.050279
	-0.014014	-0.012108	0.042655	0.078715	-0.000188	0.054192
	-0.089472	-0.004491	0.062930	0.002075	0.037957	0.007377
	0.044294	0.087060	-0.021231	-0.036361	0.022885	-0.003886
	-0.062353	-0.031105	0.045642	0.001146	-0.014817	-0.006024
	0.025594					

x457	-0.030965	-0.014567	0.007585	-0.094298	-0.116847	0.025498
	-0.022782	-0.096475	0.042609	0.091333	0.030867	-0.030494
	-0.007261	-0.007167	-0.019674	-0.038293	0.017105	0.011274
	-0.021426	0.010548	-0.045544	-0.004100	-0.017383	0.033489
	-0.060085	0.008816	0.050789	0.018849	0.007607	-0.019925
	0.021056					
y457	0.016288	0.069188	0.016122	0.009455	0.002184	-0.034986
	-0.013596	0.007107	-0.008205	-0.026645	0.044872	0.013484
	0.061569	0.011479	-0.053659	-0.082083	-0.014566	0.018499
	0.000496	-0.006416	-0.030947	0.027059	0.028451	0.031537
	-0.013704	0.010376	-0.025109	0.015543	-0.003591	0.034021
	-0.017921					
z457	0.009490	-0.019900	-0.082371	0.098262	0.090477	-0.042720
	-0.007109	-0.003186	0.055851	0.073781	0.004005	0.054818
	-0.069296	-0.019219	0.065285	0.013250	0.033331	0.001363
	0.033450	0.097333	-0.022151	-0.029747	0.036948	-0.008854
	-0.063879	-0.017447	0.036710	0.007432	-0.014850	-0.028020
	0.029119					
x458	-0.029079	-0.012601	0.008976	-0.076976	-0.105583	0.018158
	-0.014939	-0.082007	0.041317	0.074002	0.021323	-0.024061
	-0.002880	-0.009238	-0.009440	-0.028187	-0.000920	0.014016
	-0.018101	0.018345	-0.033514	-0.003213	-0.019297	0.019956
	-0.054663	0.024388	0.037364	0.026183	-0.000001	-0.024942
	0.021763					
y458	0.018518	0.058030	0.017075	0.001188	0.008067	-0.030728
	-0.012469	-0.001046	-0.005859	-0.029715	0.037200	0.000055
	0.047573	-0.003810	-0.040593	-0.073686	-0.013786	0.014399
	0.003555	-0.008452	-0.027151	0.011973	0.017553	0.030884
	-0.026325	0.005261	-0.020815	0.006858	-0.011192	0.028777
	-0.033253					
z458	0.002925	-0.024082	-0.077838	0.080072	0.088239	-0.032754
	0.002265	0.001780	0.066822	0.067334	-0.004780	0.055932
	-0.042354	-0.021007	0.059872	0.023493	0.016956	0.000167
	0.011824	0.091184	-0.025586	-0.018008	0.035599	-0.020939
	-0.059117	0.006515	0.013055	0.019445	-0.020485	-0.043403
	0.040918					
x459	-0.023745	-0.014991	0.007474	-0.053222	-0.096095	0.008948
	-0.004588	-0.061569	0.037785	0.062073	0.015674	-0.018640
	0.006501	-0.006613	-0.006595	-0.016499	-0.008095	0.008544
	-0.011640	0.024986	-0.013722	0.012898	-0.015878	-0.011536
	-0.042711	0.025519	0.024293	0.027613	-0.003046	-0.004975
	0.012892					

y459	0.020873	0.044948	0.021900	-0.004411	0.014581	-0.026450
	-0.009212	-0.005790	-0.002771	-0.021435	0.033460	-0.007910
	0.040788	-0.014937	-0.028455	-0.061613	-0.012958	0.010087
	-0.006734	-0.004882	-0.021296	0.000783	0.008050	0.014739
	-0.036506	0.006615	-0.009448	0.003599	-0.016916	0.013532
	-0.046080					
z459	-0.002654	-0.033733	-0.076652	0.061400	0.078627	-0.023616
	0.013893	-0.000589	0.068111	0.062567	-0.006576	0.047886
	-0.015022	-0.012578	0.045907	0.029477	0.022379	-0.004885
	0.000781	0.075996	-0.020341	0.010784	0.026303	-0.053473
	-0.048167	0.010491	0.005239	0.027165	-0.014810	-0.003870
	0.034600					
x460	-0.014538	-0.016480	0.004674	-0.026037	-0.089392	0.000416
	0.005533	-0.042300	0.034173	0.047583	0.015544	-0.012069
	0.006035	-0.007056	-0.000641	-0.004574	-0.012422	0.001364
	-0.005921	0.040475	0.000253	0.020004	-0.013612	-0.033011
	-0.018820	0.019553	0.007134	0.028333	-0.005664	0.002386
	0.011260					
y460	0.021613	0.028578	0.030031	-0.014673	0.023611	-0.020192
	-0.008894	-0.009902	-0.000207	-0.011317	0.030495	-0.010093
	0.040826	-0.030171	-0.009043	-0.050773	-0.011641	0.008557
	-0.015910	-0.001371	-0.017234	-0.016127	-0.003426	0.009704
	-0.034937	0.004964	0.000662	0.004804	-0.014951	-0.006742
	-0.060724					
z460	-0.007273	-0.040570	-0.073221	0.038949	0.061932	-0.013181
	0.027447	-0.014206	0.063868	0.052302	0.001706	0.030958
	-0.000310	-0.005672	0.031185	0.026106	0.023508	-0.013702
	-0.014631	0.054041	-0.023447	0.019827	0.012138	-0.069455
	-0.029874	0.002242	0.014569	0.037290	-0.011975	0.020323
	0.035516					
x461	-0.003086	-0.015274	0.004312	0.005820	-0.083270	-0.007463
	0.012008	-0.018999	0.037442	0.035273	0.011133	0.005188
	-0.005225	-0.005524	0.008428	0.005552	-0.025591	-0.000335
	-0.001768	0.071473	0.011158	0.027824	-0.011070	-0.042727
	-0.002352	0.027824	-0.020134	0.019256	-0.007146	0.006318
	-0.003718					
y461	0.021010	0.010613	0.039122	-0.026290	0.030560	-0.012234
	-0.010065	-0.016762	-0.003045	-0.004340	0.028147	-0.008235
	0.042939	-0.047156	0.018543	-0.041208	-0.004525	0.010619
	-0.030263	0.005505	-0.009357	-0.028018	-0.017379	0.008150
	-0.030670	-0.000440	0.006442	0.005002	-0.010470	-0.030287
	-0.074245					

z461	-0.012352	-0.042080	-0.063576	0.014480	0.042061	-0.003431
	0.034416	-0.026574	0.064266	0.044526	0.004247	0.021089
	0.004156	0.000104	0.018082	0.021235	0.007131	-0.022665
	-0.031571	0.039566	-0.031092	0.026327	-0.003845	-0.068783
	-0.028959	0.011729	0.030296	0.032144	-0.007190	0.026914
	0.018007					
x462	0.011365	-0.013397	0.004719	0.040715	-0.074972	-0.012906
	0.014000	0.006177	0.047320	0.031856	0.004844	0.026813
	-0.018795	0.005690	0.013636	0.001077	-0.036531	0.003553
	0.018034	0.093274	0.024341	0.027279	-0.002134	-0.039225
	0.013401	0.031234	-0.064283	0.008152	-0.009423	0.015250
	-0.004593					
y462	0.019728	-0.006080	0.049797	-0.035944	0.037520	-0.004429
	-0.011772	-0.022919	-0.009170	0.001846	0.026155	-0.003804
	0.047520	-0.063415	0.043949	-0.031275	0.009784	0.013714
	-0.044532	0.011552	-0.000994	-0.037832	-0.026262	0.003866
	-0.022956	-0.009904	0.009442	0.000438	-0.018075	-0.063499
	-0.076361					
z462	-0.016484	-0.039285	-0.054010	-0.001587	0.022390	0.004589
	0.034789	-0.039633	0.059509	0.038452	0.005061	0.012649
	-0.000608	0.013610	0.001042	0.005493	-0.009742	-0.029623
	-0.025862	0.007296	-0.033450	0.032981	-0.016920	-0.049778
	-0.032544	0.004132	0.034173	0.025426	-0.011220	0.034232
	0.019894					
x463	0.017473	-0.015443	0.013505	0.044979	-0.064802	-0.017631
	0.012667	0.011319	0.031211	0.029356	0.011524	0.020158
	-0.017048	0.006192	0.024680	0.002817	-0.050871	0.012047
	-0.008896	0.073661	0.017892	0.027665	-0.002713	-0.014722
	0.003508	0.024867	-0.057859	-0.007730	-0.008730	0.019646
	0.008056					
y463	0.016259	-0.017138	0.044935	-0.039019	0.037402	-0.002811
	-0.008306	-0.017496	0.003639	0.007045	0.022360	-0.003400
	0.038508	-0.050709	0.040736	-0.030860	0.003131	0.019401
	-0.052940	0.019872	0.000920	-0.027518	-0.012360	0.004039
	-0.002420	0.008812	0.015105	0.004650	-0.000351	-0.052234
	-0.048475					
z463	-0.011836	-0.032063	-0.053734	0.007572	0.003221	0.012503
	0.039394	-0.040188	0.061123	0.033430	-0.009257	0.019894
	-0.007355	0.025986	-0.012671	-0.016571	-0.022165	-0.036223
	-0.013754	0.004832	-0.037731	0.040794	-0.023474	-0.055178
	-0.040276	-0.016879	0.014005	-0.001882	-0.008264	0.035301
	0.043617					

x464	0.023262	-0.021981	0.023652	0.042312	-0.052610	-0.018558
	0.010601	0.013977	0.021101	0.022857	0.017480	0.012016
	-0.013891	0.006135	0.029629	0.000311	-0.050990	0.023254
	-0.028861	0.058977	0.012928	0.024139	-0.008471	0.003771
	0.001879	0.016733	-0.049926	-0.010005	-0.007476	0.023231
	0.001593					
y464	0.014105	-0.023079	0.038195	-0.038686	0.033766	-0.001226
	-0.004161	-0.015495	0.013014	0.006613	0.015386	-0.000314
	0.030718	-0.040813	0.032237	-0.031768	0.000972	0.017135
	-0.054007	0.027509	0.001562	-0.020586	-0.005783	0.005823
	0.015485	0.013693	0.020508	0.004063	0.008048	-0.046714
	-0.035809					
z464	-0.006126	-0.028726	-0.054318	0.015382	-0.010681	0.017760
	0.038736	-0.035589	0.056608	0.020462	-0.022332	0.023687
	-0.013463	0.030416	-0.015700	-0.031842	-0.025440	-0.040522
	-0.008328	0.002893	-0.029970	0.036787	-0.027193	-0.053506
	-0.025590	-0.031981	0.002662	-0.006020	-0.006726	0.027441
	0.028637					
x465	0.028169	-0.028082	0.031244	0.039874	-0.042213	-0.014542
	0.007167	0.012340	0.015178	0.017387	0.026552	0.006025
	-0.012522	0.008141	0.029028	0.007427	-0.053329	0.034684
	-0.036337	0.037893	-0.000500	0.020934	-0.008015	0.013565
	-0.009385	0.008487	-0.056428	-0.008404	-0.005500	0.027619
	0.015363					
y465	0.012185	-0.025706	0.031494	-0.036618	0.027172	0.001151
	-0.000438	-0.015851	0.019561	0.005506	0.008092	0.004532
	0.023400	-0.032560	0.023631	-0.030020	-0.000901	0.011598
	-0.045777	0.029238	-0.001694	-0.015780	-0.000007	0.003137
	0.027050	0.013613	0.022010	0.002422	0.011981	-0.041222
	-0.022209					
z465	-0.003831	-0.025888	-0.055129	0.023267	-0.021640	0.021611
	0.031168	-0.030583	0.045511	0.006728	-0.024660	0.019688
	-0.018547	0.028982	-0.012028	-0.030364	-0.031062	-0.041610
	-0.009368	-0.011838	-0.029548	0.029340	-0.020421	-0.045278
	-0.023426	-0.042650	-0.012078	-0.013924	-0.010602	0.005701
	0.034218					
x466	0.035980	-0.033574	0.037105	0.035341	-0.034578	-0.007587
	0.007184	0.010818	0.014643	0.011094	0.037878	0.000974
	-0.014300	0.014689	0.018209	0.013372	-0.045674	0.035618
	-0.040078	0.028946	-0.000586	0.008780	-0.009631	0.013244
	-0.013025	0.012472	-0.057412	0.002571	-0.012287	0.028681
	0.021709					

y466	0.011171	-0.026790	0.025452	-0.035418	0.018662	0.004280
	0.003599	-0.016444	0.024009	0.001930	0.001909	0.009192
	0.013003	-0.024985	0.012927	-0.028422	0.000865	0.003697
	-0.034123	0.032369	0.000478	-0.014333	0.004009	-0.002968
	0.035101	0.020336	0.023014	0.004198	0.012902	-0.034967
	-0.013432					
z466	0.002359	-0.027048	-0.056650	0.028103	-0.027060	0.030573
	0.023605	-0.021797	0.036450	-0.003353	-0.024569	0.018327
	-0.023467	0.028995	-0.010494	-0.028369	-0.038477	-0.046334
	-0.011844	-0.024116	-0.011274	0.011390	-0.000570	-0.045694
	-0.005534	-0.035416	0.000912	0.008257	-0.000064	-0.016949
	0.025036					
x467	0.040406	-0.037685	0.039858	0.032481	-0.026998	-0.001190
	0.009344	0.009631	0.013564	0.005153	0.038385	-0.001487
	-0.011113	0.022345	0.006183	0.015151	-0.039010	0.032436
	-0.024777	0.021871	-0.006759	0.004039	-0.014083	0.005034
	-0.027512	0.012161	-0.056874	0.004840	-0.011183	0.045409
	0.017373					
y467	0.008867	-0.026317	0.018636	-0.033177	0.008777	0.005601
	0.008606	-0.015985	0.025182	-0.001430	-0.007589	0.013415
	0.005659	-0.018314	0.005646	-0.026157	0.000760	-0.007685
	-0.020759	0.033697	-0.001472	-0.014400	0.006513	-0.008705
	0.039405	0.024071	0.021743	0.001893	0.012622	-0.024978
	-0.009687					
z467	0.002509	-0.026960	-0.058061	0.032854	-0.028530	0.032679
	0.020486	-0.013393	0.029636	-0.010963	-0.027250	0.012878
	-0.023196	0.019742	-0.008937	-0.028267	-0.041773	-0.049990
	-0.007814	-0.024842	-0.007972	0.006165	0.006129	-0.042414
	-0.002569	-0.034236	0.005840	0.007931	0.006191	-0.015416
	0.011611					
x468	0.047685	-0.039952	0.042066	0.029636	-0.023685	0.005215
	0.013356	0.003852	0.015134	0.000703	0.041640	-0.004905
	-0.011644	0.032571	-0.007203	0.015082	-0.020385	0.032802
	-0.021997	0.013491	-0.009619	0.000643	-0.020665	-0.000526
	-0.026088	0.002201	-0.053560	0.005527	-0.022864	0.048233
	0.019640					
y468	0.006130	-0.024896	0.012345	-0.030992	-0.002733	0.006088
	0.012912	-0.015428	0.023981	-0.003901	-0.018122	0.017348
	-0.001090	-0.013153	0.002672	-0.023889	0.001000	-0.016737
	-0.011898	0.031072	-0.002049	-0.014238	0.008483	-0.010834
	0.045734	0.025428	0.019203	-0.002388	0.009521	-0.018747
	-0.003363					

z468	0.003528	-0.026232	-0.056454	0.037428	-0.029831	0.033255
	0.016395	-0.008309	0.024653	-0.013085	-0.023906	0.008115
	-0.022437	0.013507	-0.008400	-0.029020	-0.031171	-0.041673
	-0.022569	-0.029840	-0.000863	0.005069	0.013353	-0.030030
	0.008291	-0.037684	0.006755	-0.001945	-0.000745	-0.028030
	0.012712					
x469	0.050410	-0.043158	0.039929	0.027134	-0.018156	0.009760
	0.018187	0.002619	0.015501	-0.003031	0.041240	-0.006014
	-0.005537	0.042493	-0.011547	0.011871	-0.014031	0.026363
	-0.013045	0.004028	-0.010102	-0.002651	-0.027632	-0.008065
	-0.033040	0.002966	-0.041131	-0.000109	-0.021740	0.048071
	0.008678					
y469	0.002107	-0.023294	0.006052	-0.029116	-0.014309	0.005150
	0.017033	-0.014050	0.021613	-0.006669	-0.029065	0.022646
	-0.008168	-0.011907	0.003748	-0.020224	-0.002887	-0.023636
	-0.006245	0.028024	-0.002888	-0.014045	0.008289	-0.009684
	0.050086	0.028442	0.018812	-0.005795	0.010708	-0.013290
	0.000964					
z469	0.000007	-0.027538	-0.055906	0.041132	-0.024591	0.031965
	0.012219	-0.000755	0.022937	-0.011720	-0.017284	0.008632
	-0.012845	0.003716	-0.006392	-0.032053	-0.031504	-0.034611
	-0.032592	-0.034965	-0.002242	0.007307	0.015518	-0.021608
	0.001224	-0.025012	0.018539	-0.020813	0.010102	-0.037297
	-0.000805					
x470	0.054787	-0.044889	0.033703	0.026611	-0.015166	0.013827
	0.021187	0.001876	0.008890	-0.002724	0.037763	-0.009894
	-0.003008	0.046125	-0.011919	0.011468	-0.014814	0.017246
	-0.011392	-0.006443	-0.016920	-0.016755	-0.035774	-0.006445
	-0.015350	-0.010801	-0.017340	-0.001560	-0.016098	0.036347
	-0.005757					
y470	-0.002236	-0.021299	0.000860	-0.027061	-0.026493	0.003198
	0.020435	-0.012977	0.018344	-0.008202	-0.038807	0.028903
	-0.016268	-0.014855	0.004637	-0.015263	-0.005527	-0.029450
	-0.003766	0.024173	-0.007350	-0.012583	0.006109	-0.004337
	0.053847	0.028117	0.020078	-0.010462	0.014944	-0.007882
	0.008088					
z470	-0.000631	-0.027236	-0.054480	0.047213	-0.020954	0.030787
	0.006368	0.005042	0.015593	-0.003890	-0.012511	0.004999
	-0.012147	-0.015752	-0.010977	-0.032710	-0.033199	-0.029236
	-0.035927	-0.041676	-0.013084	0.008222	0.013621	-0.004945
	0.009671	-0.029029	0.032258	-0.028318	0.019481	-0.051877
	-0.008311					

x471	0.058372	-0.045638	0.028016	0.025086	-0.009500	0.012677
	0.022053	0.003383	0.003295	-0.004135	0.027178	-0.022343
	-0.000029	0.053299	0.002617	0.020886	-0.014379	0.010173
	-0.003705	-0.013001	-0.005444	-0.029367	-0.047373	-0.001807
	0.003930	-0.009925	0.008773	0.009068	-0.017835	0.023269
	-0.007621					
y471	-0.007197	-0.019229	-0.001804	-0.024764	-0.039867	0.000630
	0.022918	-0.012220	0.015321	-0.007713	-0.041772	0.035179
	-0.022160	-0.024198	0.003029	-0.009855	-0.002289	-0.033350
	-0.002078	0.015882	-0.013523	-0.004877	0.002265	0.002679
	0.056016	0.033355	0.016589	-0.013839	0.020347	-0.002304
	0.031062					
z471	-0.001313	-0.024208	-0.048560	0.052359	-0.013761	0.026262
	-0.001906	0.007926	0.009742	0.002249	-0.013742	-0.006462
	-0.009332	-0.028172	-0.016117	-0.029488	-0.022200	-0.018923
	-0.016339	-0.048002	-0.007879	0.014719	0.006678	0.005055
	-0.002651	-0.022800	0.035146	-0.029235	0.009855	-0.051894
	-0.004704					
x472	0.054984	-0.047221	0.025294	0.025464	-0.006047	0.013489
	0.016070	0.002339	-0.001577	-0.001388	0.024494	-0.020013
	0.005370	0.041058	-0.001035	0.031873	-0.007798	-0.002255
	-0.000449	-0.014338	0.007248	-0.022445	-0.041493	0.006187
	0.015164	-0.004288	0.026676	0.006835	-0.007262	0.032253
	-0.022676					
y472	-0.015224	-0.010743	-0.007870	-0.022654	-0.041707	-0.004687
	0.015910	-0.006039	0.009028	-0.002901	-0.041095	0.028484
	-0.032991	-0.041032	0.000542	-0.019604	-0.007856	-0.013429
	0.002407	0.017690	-0.012642	-0.005549	-0.002816	-0.003872
	0.053401	0.022244	0.024924	-0.008266	0.024412	-0.017956
	0.018055					
z472	-0.001555	-0.021172	-0.044368	0.052254	-0.007531	0.022879
	-0.004584	0.010997	0.009382	0.003340	-0.003657	-0.011421
	0.002013	-0.029151	-0.011857	-0.018323	-0.012150	-0.034539
	-0.005786	-0.048121	-0.004459	0.023052	0.005658	-0.002100
	0.004133	-0.005032	0.058571	-0.014722	0.032990	-0.041846
	-0.022487					
x473	0.049041	-0.045585	0.023859	0.025357	-0.004794	0.014574
	0.008265	0.002425	-0.002782	0.002642	0.016018	-0.014977
	0.002340	0.033286	-0.007370	0.038845	-0.006924	-0.000668
	0.002484	-0.019150	0.009542	-0.010691	-0.039008	0.011352
	0.029030	-0.001342	0.031926	0.007978	-0.017424	0.049560
	-0.007672					

y473	-0.020909	-0.004882	-0.012751	-0.020090	-0.043837	-0.010833
	0.008099	-0.002349	0.001949	0.001732	-0.038697	0.023574
	-0.034030	-0.060792	-0.005199	-0.028481	-0.008542	-0.001939
	0.004564	0.019562	-0.009301	-0.009935	-0.009094	-0.009610
	0.045413	0.013500	0.027608	-0.004591	0.030183	-0.034780
	0.005340					
z473	-0.003630	-0.016955	-0.039633	0.050219	-0.003344	0.019706
	-0.008394	0.012056	0.011401	0.002577	-0.007757	-0.010815
	0.002238	-0.023742	-0.011195	-0.009904	-0.007289	-0.033713
	0.001351	-0.045420	-0.006324	0.031967	0.000443	-0.003948
	0.021297	-0.001314	0.067991	-0.007340	0.017004	-0.021386
	-0.006849					
x474	0.041726	-0.042980	0.022274	0.024766	-0.001747	0.015022
	0.001034	0.007207	-0.004935	0.009475	0.006806	-0.010717
	0.004005	0.019326	-0.014058	0.041247	-0.008528	0.000480
	0.003857	-0.021393	0.014125	-0.002386	-0.036300	0.015537
	0.024102	0.005553	0.023697	0.006535	-0.007054	0.055149
	-0.000561					
y474	-0.025993	-0.001581	-0.016999	-0.018308	-0.045568	-0.014805
	-0.002463	0.001907	-0.005495	0.007103	-0.040645	0.021887
	-0.029603	-0.074319	-0.008237	-0.033407	-0.015708	0.004231
	0.009822	0.013673	-0.004558	-0.011230	-0.010363	-0.017653
	0.031616	0.003696	0.025015	-0.005488	0.028443	-0.037048
	0.006637					
z474	-0.006887	-0.013242	-0.034651	0.045466	0.003613	0.018302
	-0.013177	0.017686	0.012592	0.006351	-0.015618	-0.010668
	0.011125	-0.025904	-0.011450	-0.004001	-0.009177	-0.037372
	0.003175	-0.044519	-0.003386	0.035435	-0.000848	-0.003755
	0.013029	0.002009	0.055392	-0.004117	0.027053	-0.017649
	0.004434					
x475	0.035212	-0.041174	0.018660	0.024692	-0.000247	0.013167
	-0.006941	0.011283	-0.010603	0.016123	-0.001192	-0.007281
	0.001744	0.001398	-0.024209	0.035224	-0.007655	0.005828
	0.012377	-0.020494	0.019930	0.005875	-0.030840	0.010476
	0.019719	0.012229	0.023574	0.002894	-0.010697	0.048995
	0.005945					
y475	-0.028706	0.000074	-0.019129	-0.017334	-0.047650	-0.018138
	-0.012081	0.002183	-0.011396	0.008624	-0.040334	0.019854
	-0.023912	-0.084616	-0.011790	-0.035127	-0.019732	0.005981
	0.006349	0.008980	-0.001362	-0.014400	-0.014025	-0.019258
	0.021228	-0.005527	0.023056	-0.004729	0.023617	-0.031265
	0.005334					

z475	-0.008697	-0.011408	-0.031167	0.041416	0.008735	0.015418
	-0.019541	0.019614	0.010982	0.009439	-0.022922	-0.009016
	0.013313	-0.029754	-0.018094	-0.008366	-0.012082	-0.040469
	0.008214	-0.040850	-0.001022	0.036938	0.006332	-0.013065
	0.003540	0.010283	0.050646	-0.001872	0.017623	-0.025320
	0.018115					
x476	0.028468	-0.039256	0.017332	0.024570	-0.002837	0.011542
	-0.014423	0.015414	-0.019553	0.027258	-0.002511	-0.005105
	0.000626	-0.016187	-0.035738	0.028507	-0.002915	0.011102
	0.017010	-0.022599	0.021637	0.008537	-0.031425	0.013136
	0.022504	0.017385	0.023958	-0.005644	-0.014676	0.032540
	-0.003556					
y476	-0.029288	0.000414	-0.019396	-0.017179	-0.049311	-0.021374
	-0.019723	-0.000262	-0.015700	0.002937	-0.037402	0.015901
	-0.019486	-0.090440	-0.013212	-0.037030	-0.024333	0.004218
	-0.000159	0.006211	0.001432	-0.017074	-0.017276	-0.020791
	0.015229	-0.018077	0.023294	-0.000841	0.014395	-0.018182
	0.009563					
z476	-0.011122	-0.007911	-0.023776	0.037227	0.009400	0.014497
	-0.024177	0.021124	0.010294	0.017208	-0.021950	-0.011733
	0.017934	-0.030175	-0.021518	-0.015236	-0.008304	-0.042358
	0.007470	-0.041848	-0.001166	0.036051	0.001703	-0.005777
	0.010309	0.013991	0.044326	-0.005808	0.014409	-0.043153
	0.010277					
x477	0.021115	-0.037338	0.013524	0.021723	-0.005666	0.011739
	-0.019599	0.019374	-0.024155	0.035568	-0.006966	0.002912
	0.005890	-0.027295	-0.045915	0.026480	-0.001831	0.008842
	0.024283	-0.019538	0.019336	0.017435	-0.022296	0.010401
	0.015759	0.025005	0.025548	-0.001524	-0.016672	0.035658
	-0.005527					
y477	-0.030269	0.000613	-0.018428	-0.014752	-0.048258	-0.022451
	-0.026825	-0.002615	-0.017898	-0.003604	-0.032437	0.011327
	-0.011503	-0.094369	-0.011101	-0.040661	-0.030761	0.002270
	-0.005257	0.003473	0.001595	-0.021131	-0.019943	-0.018700
	0.011074	-0.025937	0.009927	-0.002223	0.008441	-0.010220
	0.013563					
z477	-0.014780	-0.003354	-0.018608	0.029632	0.010947	0.017311
	-0.022469	0.023740	0.018399	0.016042	-0.023132	-0.008772
	0.027951	-0.018961	-0.023083	-0.016648	-0.014319	-0.053754
	0.009270	-0.032292	-0.011265	0.041716	0.005725	-0.008062
	0.009482	0.024313	0.037635	0.008907	0.017698	-0.030586
	0.014345					

x478	0.015226	-0.035515	0.009487	0.021618	-0.007844	0.010933
	-0.026071	0.025181	-0.031418	0.041102	-0.005891	0.005847
	0.008982	-0.037991	-0.050645	0.026194	0.004431	0.009008
	0.029194	-0.009330	0.022530	0.017247	-0.010989	0.009700
	0.007983	0.022265	0.024803	-0.007223	-0.023515	0.026058
	-0.008430					
y478	-0.030844	0.002026	-0.014528	-0.013555	-0.047693	-0.022813
	-0.030241	-0.005746	-0.013517	-0.012955	-0.022885	0.006471
	-0.005860	-0.089381	-0.006028	-0.043665	-0.037108	0.000487
	-0.014211	0.000429	-0.004498	-0.021550	-0.023310	-0.011997
	0.011470	-0.030743	0.003869	0.005181	0.004014	0.004042
	0.017878					
z478	-0.017085	0.002672	-0.014679	0.025918	0.013300	0.019782
	-0.019702	0.028896	0.025600	0.012084	-0.020429	-0.013684
	0.034085	-0.004707	-0.018944	-0.013667	-0.013223	-0.061326
	0.011437	-0.016379	-0.012228	0.036713	0.008110	-0.006683
	0.003706	0.025032	0.027839	0.004148	0.018641	-0.038206
	0.015440					
x479	0.010662	-0.034024	0.006999	0.021193	-0.011653	0.011003
	-0.029827	0.026924	-0.035479	0.042564	0.002104	0.006286
	0.006477	-0.049282	-0.051016	0.023116	0.010065	0.011014
	0.028393	-0.003692	0.023040	0.012476	0.001665	0.010861
	0.004510	0.014373	0.029782	-0.003066	-0.041775	0.011357
	-0.010604					
y479	-0.031275	0.006529	-0.009220	-0.011038	-0.044422	-0.022496
	-0.030855	-0.007812	-0.005318	-0.024450	-0.011929	-0.000405
	0.003367	-0.079500	0.000762	-0.047869	-0.041494	-0.001669
	-0.023589	0.003939	-0.014273	-0.021380	-0.024863	0.003675
	0.010599	-0.021108	-0.006219	0.006810	0.012461	0.018181
	0.012806					
z479	-0.016969	0.007922	-0.009281	0.019856	0.012176	0.023818
	-0.009460	0.028381	0.038682	0.001555	-0.012466	-0.023363
	0.025202	0.006251	-0.012632	-0.015615	-0.012492	-0.064351
	0.005169	-0.009914	-0.017519	0.029799	0.006673	-0.011629
	0.009905	0.021299	0.039794	0.014002	0.003514	-0.053560
	0.017568					
x480	0.003308	-0.030456	0.004139	0.022144	-0.013115	0.010868
	-0.036686	0.024868	-0.038423	0.041586	0.007070	0.012715
	0.011524	-0.054985	-0.045108	0.016737	0.005890	0.017779
	0.028979	-0.003243	0.023825	0.013144	0.012390	0.016036
	-0.007397	0.007346	0.015309	0.003071	-0.046722	0.012425
	-0.013407					

y480	-0.032282	0.014036	-0.002630	-0.008670	-0.040558	-0.020612
	-0.027478	-0.006937	0.008867	-0.038541	0.001238	-0.009860
	0.005381	-0.062972	0.010820	-0.048810	-0.045968	-0.002196
	-0.031807	0.008374	-0.027086	-0.017314	-0.024238	0.011754
	0.016687	-0.004696	-0.004645	0.015290	0.014429	0.026120
	0.017801					
z480	-0.020082	0.014758	-0.007792	0.016451	0.012847	0.028056
	-0.001305	0.024377	0.048287	-0.006195	-0.016848	-0.025785
	0.029578	0.021090	-0.008151	-0.022099	-0.020687	-0.063535
	0.000374	-0.001239	-0.025972	0.030088	0.004984	-0.018616
	-0.002652	0.026643	0.035182	0.016112	0.024823	-0.048272
	0.009807					
x481	-0.003962	-0.025337	0.006545	0.021903	-0.014659	0.015597
	-0.038924	0.025965	-0.032094	0.026848	-0.000241	0.004910
	0.018313	-0.040764	-0.034711	-0.000442	-0.005206	0.016530
	0.022045	-0.009127	0.021460	0.012819	0.014655	0.007035
	-0.021540	0.013541	0.024376	0.015585	-0.039221	0.009330
	0.003128					
y481	-0.029097	0.014049	0.001180	-0.009111	-0.036147	-0.022670
	-0.025825	-0.000945	0.014328	-0.037010	0.005690	-0.011422
	0.004397	-0.052962	0.012792	-0.041582	-0.044261	-0.004116
	-0.034328	0.002211	-0.020539	-0.014099	-0.024086	0.005985
	0.014743	-0.001000	0.002201	0.010773	0.018164	0.027232
	0.020781					
z481	-0.018718	0.013817	-0.010313	0.015372	0.015171	0.028633
	0.002557	0.024283	0.047933	-0.004239	-0.022061	-0.019722
	0.027356	0.028503	-0.002441	-0.030275	-0.025628	-0.057414
	-0.003091	-0.001497	-0.017019	0.032210	-0.001991	-0.000518
	-0.002953	0.019879	0.024844	0.014583	0.016782	-0.036102
	0.010761					
x482	-0.009602	-0.020630	0.008573	0.022220	-0.016205	0.016885
	-0.039763	0.027880	-0.029275	0.011557	-0.003717	-0.004600
	0.022208	-0.028453	-0.028726	-0.015341	-0.004956	0.021293
	0.008881	-0.003732	0.018901	0.015094	0.003398	0.001096
	-0.028757	0.019312	0.028575	0.014141	-0.029850	0.004247
	-0.004887					
y482	-0.025594	0.013526	0.004060	-0.009561	-0.032125	-0.023958
	-0.025257	0.003845	0.018240	-0.032728	0.009146	-0.010625
	0.003075	-0.043926	0.014847	-0.033386	-0.043559	-0.007816
	-0.035725	-0.001113	-0.018674	-0.010975	-0.019934	0.002355
	0.010530	-0.000332	0.009529	0.004753	0.011813	0.022743
	0.033407					

z482	-0.016044	0.012553	-0.014450	0.014108	0.015430	0.025284
	0.009043	0.024043	0.043614	-0.006049	-0.022525	-0.021732
	0.022479	0.028643	-0.009287	-0.036112	-0.011742	-0.039327
	-0.010216	0.009267	-0.012287	0.028173	-0.024353	0.006528
	0.006013	0.020615	0.016552	0.001522	0.021810	-0.032494
	-0.021169					
x483	-0.012923	-0.016909	0.011511	0.024560	-0.018070	0.018048
	-0.039441	0.028189	-0.028902	0.002210	-0.009045	-0.008886
	0.025723	-0.019532	-0.024114	-0.022079	-0.004909	0.020682
	0.000390	-0.002993	0.014395	0.022258	0.007476	-0.000434
	-0.036694	0.022689	0.021135	0.014352	-0.031484	-0.001371
	-0.002507					
y483	-0.021665	0.012731	0.005503	-0.009847	-0.026882	-0.024695
	-0.024492	0.008783	0.020134	-0.028746	0.013327	-0.011213
	0.002283	-0.034974	0.017448	-0.023812	-0.039831	-0.010154
	-0.034735	0.002290	-0.015317	-0.011537	-0.020919	0.004222
	0.006046	0.002574	0.014484	-0.000071	0.016510	0.017161
	0.029591					
z483	-0.014849	0.010352	-0.018065	0.015744	0.013305	0.020834
	0.018984	0.023335	0.039476	-0.002190	-0.031579	-0.018853
	0.016976	0.022188	-0.021328	-0.037368	-0.004210	-0.027250
	-0.011907	0.008587	-0.014641	0.030309	-0.021809	0.007969
	0.009780	0.018561	0.002269	-0.006210	0.004941	-0.028183
	-0.023520					
x484	-0.013665	-0.012582	0.015118	0.025844	-0.018502	0.017626
	-0.040321	0.027379	-0.028223	-0.002669	-0.011045	-0.013426
	0.028177	-0.005692	-0.015736	-0.020072	-0.001379	0.013424
	-0.001809	-0.009868	0.004616	0.029846	0.014688	0.001563
	-0.039650	0.023149	0.017556	0.020118	-0.031130	-0.008067
	0.010603					
y484	-0.017892	0.010984	0.005524	-0.009562	-0.020684	-0.025921
	-0.022794	0.011975	0.020702	-0.024879	0.013890	-0.009083
	0.001184	-0.028318	0.016801	-0.013260	-0.035500	-0.012561
	-0.033828	0.009822	-0.009080	-0.013192	-0.019689	0.006645
	-0.000691	0.007954	0.016546	-0.004826	0.019082	0.009235
	0.022742					
z484	-0.013322	0.011268	-0.019852	0.016879	0.009591	0.016432
	0.027166	0.022559	0.037876	0.002604	-0.032289	-0.021075
	0.013723	0.024581	-0.023826	-0.032920	0.004633	-0.021902
	-0.008073	-0.010858	-0.030663	0.032185	-0.020988	0.007391
	0.019710	0.014484	-0.006919	0.001886	-0.001687	-0.018767
	-0.000698					

x485	-0.014768	-0.009261	0.017803	0.025274	-0.014662	0.016272
	-0.041433	0.027185	-0.029015	-0.006362	-0.011073	-0.017691
	0.033850	0.008161	-0.007731	-0.019626	0.000908	0.004470
	-0.000120	-0.006936	0.003494	0.031042	0.015760	0.003669
	-0.047183	0.015848	0.012246	0.017872	-0.033107	-0.025815
	0.009618					
y485	-0.014707	0.009021	0.004261	-0.008714	-0.015963	-0.028241
	-0.019730	0.013840	0.020224	-0.019982	0.012376	-0.006626
	-0.000864	-0.022935	0.012732	-0.003660	-0.027559	-0.013922
	-0.034030	0.015309	-0.006415	-0.012463	-0.018920	0.010016
	-0.004283	0.015182	0.019696	-0.011579	0.019266	0.003907
	0.016551					
z485	-0.014221	0.011355	-0.022805	0.015605	0.009575	0.013708
	0.032586	0.023876	0.035707	0.003073	-0.029701	-0.022736
	0.016946	0.027508	-0.022035	-0.035520	0.007321	-0.018338
	0.004353	-0.018804	-0.030763	0.023213	-0.026717	0.004232
	0.018701	0.001088	-0.012296	0.008689	-0.003984	-0.024726
	0.004981					
x486	-0.015852	-0.008256	0.019017	0.023484	-0.012655	0.012026
	-0.040829	0.032638	-0.029920	-0.006925	-0.013967	-0.019156
	0.030676	0.018728	-0.005119	-0.022581	0.002585	0.001219
	-0.001375	0.003208	0.009485	0.036943	0.014973	0.011086
	-0.042753	0.006461	0.014290	0.023640	-0.039106	-0.036178
	-0.010842					
y486	-0.011443	0.008125	0.002186	-0.006954	-0.012573	-0.029108
	-0.015991	0.012781	0.017598	-0.016341	0.013709	-0.003893
	-0.000811	-0.018648	0.009468	0.006706	-0.023352	-0.015307
	-0.031866	0.011886	-0.008559	-0.015324	-0.015198	0.011028
	-0.009519	0.022112	0.008332	-0.016112	0.023830	0.000677
	0.021138					
z486	-0.017191	0.010288	-0.026565	0.012670	0.006462	0.007570
	0.040110	0.030636	0.036553	0.007978	-0.032083	-0.021915
	0.014895	0.024468	-0.028611	-0.044039	0.013222	-0.007984
	0.007628	-0.018991	-0.021041	0.016558	-0.035096	0.005446
	0.024459	-0.014775	-0.001978	0.026927	-0.016373	-0.022431
	-0.014717					
x487	-0.015005	-0.006979	0.020622	0.020810	-0.011317	0.007657
	-0.037498	0.033442	-0.029896	-0.009177	-0.016848	-0.017216
	0.024185	0.027856	-0.002339	-0.019933	-0.000687	-0.004181
	-0.001963	0.005773	0.010493	0.038439	0.025978	0.015558
	-0.040818	0.007009	0.011070	0.025848	-0.032586	-0.033844
	-0.011844					

y487	-0.010513	0.006874	-0.002165	-0.003611	-0.009915	-0.030977
	-0.010257	0.012575	0.015561	-0.011620	0.014210	-0.003502
	-0.002133	-0.016842	0.006385	0.010582	-0.015312	-0.014194
	-0.028024	0.013290	-0.005758	-0.017476	-0.018222	0.015212
	-0.011846	0.023611	0.005880	-0.021100	0.024802	-0.007528
	0.016637					
z487	-0.017675	0.009947	-0.027275	0.006855	0.001706	0.006052
	0.044500	0.033338	0.035134	0.005637	-0.034951	-0.015189
	0.014318	0.017787	-0.036873	-0.045908	0.009859	-0.001144
	0.008552	-0.029497	-0.021822	0.003059	-0.026454	-0.002896
	0.017241	-0.013394	0.002318	0.045650	-0.008798	-0.009484
	-0.011249					
x488	-0.014632	-0.005182	0.019412	0.017709	-0.008419	0.002559
	-0.035568	0.033035	-0.027428	-0.012247	-0.016425	-0.017429
	0.014003	0.036967	-0.000167	-0.017654	-0.000131	-0.007518
	-0.004673	0.008046	0.015656	0.036376	0.034830	0.013137
	-0.034706	0.014318	0.008673	0.007679	-0.025724	-0.037541
	-0.015275					
y488	-0.009768	0.005336	-0.007148	0.000358	-0.009819	-0.031039
	-0.002297	0.012221	0.015216	-0.006972	0.015543	-0.000018
	-0.002885	-0.017624	0.001703	0.009553	-0.011153	-0.011391
	-0.021293	0.011694	-0.005946	-0.021772	-0.021111	0.020379
	-0.014622	0.022938	0.001341	-0.011952	0.027258	-0.006778
	0.015330					
z488	-0.018943	0.012536	-0.028752	0.001271	-0.001593	0.004277
	0.041777	0.033571	0.030907	0.002359	-0.037712	-0.014781
	0.013888	0.012086	-0.040515	-0.039609	0.016891	0.003819
	0.003112	-0.028042	-0.013635	-0.004751	-0.021882	-0.008115
	0.012613	-0.007355	0.007204	0.033039	-0.005522	-0.014178
	-0.012207					
x489	-0.013817	-0.006848	0.016651	0.015972	-0.009136	-0.003756
	-0.028466	0.030306	-0.027364	-0.010222	-0.017953	-0.020219
	0.002529	0.039825	0.001471	-0.011397	0.003198	-0.013298
	-0.002859	0.007121	0.019238	0.030653	0.041491	0.011973
	-0.023375	0.012131	0.009496	0.003926	-0.018526	-0.034501
	-0.010296					
y489	-0.008487	0.005155	-0.010704	0.003552	-0.010868	-0.029712
	0.003006	0.012766	0.016780	-0.002780	0.017625	0.002113
	-0.000817	-0.017598	-0.001440	0.007972	-0.006099	-0.011187
	-0.017958	0.007085	-0.002761	-0.027209	-0.022179	0.025401
	-0.018315	0.026848	-0.006257	-0.007596	0.030768	-0.006386
	0.012559					

z489	-0.023231	0.018612	-0.032672	-0.002995	-0.004834	0.001698
	0.044648	0.031447	0.022276	0.002389	-0.045160	-0.012325
	0.008582	-0.000127	-0.047834	-0.031222	0.020266	0.008515
	0.002587	-0.008441	-0.023824	-0.006638	-0.016142	-0.007654
	0.012001	-0.020967	0.008814	0.031492	-0.017664	-0.017310
	-0.010647					
x490	-0.013297	-0.005146	0.011916	0.011965	-0.009206	-0.009954
	-0.021095	0.030482	-0.025769	-0.003739	-0.014488	-0.022247
	0.001201	0.036379	0.000453	-0.004999	0.008461	-0.014771
	-0.007614	0.007455	0.021016	0.018006	0.033812	0.013599
	-0.026620	0.006461	0.012186	0.005262	-0.014129	-0.035684
	-0.001533					
y490	-0.006962	0.004327	-0.014558	0.007229	-0.012987	-0.025841
	0.008370	0.011865	0.020460	-0.002174	0.018364	0.004895
	-0.004598	-0.020020	-0.001782	0.008638	0.001026	-0.011217
	-0.011884	0.005867	-0.003572	-0.025462	-0.014847	0.028174
	-0.010737	0.031743	-0.015144	0.000828	0.031433	-0.005813
	0.004619					
z490	-0.026326	0.023808	-0.033707	-0.009722	-0.009392	0.001064
	0.045035	0.028131	0.013291	0.005376	-0.049996	-0.013971
	0.004824	-0.009217	-0.050488	-0.025258	0.007693	0.007770
	-0.001677	-0.008909	-0.021757	-0.016140	-0.011469	-0.004059
	-0.002103	-0.018946	-0.005225	0.014360	-0.021731	-0.019045
	-0.000731					
x491	-0.013721	-0.003141	0.007072	0.006814	-0.009810	-0.012401
	-0.015385	0.029049	-0.025477	-0.002264	-0.007585	-0.021122
	-0.004694	0.032370	0.003321	-0.001936	0.010622	-0.014695
	-0.011059	0.006413	0.024467	0.012176	0.032891	0.013283
	-0.020036	0.007172	0.009475	0.012735	-0.003861	-0.034918
	0.003225					
y491	-0.004518	0.004458	-0.017171	0.009587	-0.015662	-0.022216
	0.012114	0.013421	0.023736	0.000623	0.016814	0.005331
	-0.005247	-0.025093	-0.002732	0.010628	0.005115	-0.011206
	-0.006322	0.002324	-0.004280	-0.027439	-0.012071	0.029219
	-0.013232	0.034140	-0.022629	0.001777	0.025556	-0.006872
	-0.002770					
z491	-0.027425	0.027465	-0.034175	-0.015400	-0.011773	0.002251
	0.044471	0.018290	0.007054	0.004982	-0.051545	-0.013300
	-0.001356	-0.013303	-0.045057	-0.017402	0.006208	0.009420
	-0.002596	-0.010319	-0.011216	-0.016793	-0.009700	0.000627
	-0.004897	-0.013177	-0.015180	0.015804	-0.014269	-0.008486
	0.004696					

x492	-0.013930	-0.002072	0.002221	0.002222	-0.011446	-0.013539
	-0.013305	0.027509	-0.025211	-0.000216	-0.003083	-0.019703
	-0.011428	0.028971	0.006611	-0.001676	0.011375	-0.017452
	-0.014527	0.004321	0.026000	0.007604	0.033972	0.012362
	-0.013004	0.009146	0.009282	0.018296	0.001701	-0.032198
	0.004417					
y492	-0.002158	0.006736	-0.018430	0.011023	-0.016465	-0.018185
	0.018224	0.013068	0.027131	0.001793	0.016208	0.008415
	-0.003312	-0.032742	-0.003132	0.012032	0.007718	-0.006934
	-0.000305	-0.001075	-0.005690	-0.026085	-0.013631	0.027475
	-0.018348	0.033070	-0.030072	0.002409	0.018762	-0.006914
	-0.010569					
z492	-0.028973	0.029778	-0.034547	-0.020719	-0.016151	0.003208
	0.037490	0.013503	-0.001736	0.003560	-0.057825	-0.011609
	-0.005169	-0.017138	-0.036550	-0.012101	0.001648	0.009401
	-0.006953	-0.013373	-0.000078	-0.011544	-0.007498	0.002880
	-0.004933	-0.004437	-0.013054	0.013406	-0.011574	-0.003140
	0.003158					
x493	-0.012896	-0.001088	-0.001104	-0.001552	-0.013466	-0.013626
	-0.012150	0.025612	-0.023647	0.002027	0.001327	-0.018726
	-0.015611	0.023666	0.011032	-0.003252	0.010443	-0.019374
	-0.016423	0.001123	0.025114	0.005224	0.035975	0.010923
	-0.006253	0.008757	0.006321	0.023356	0.002528	-0.033186
	0.001881					
y493	-0.000943	0.010497	-0.019617	0.012251	-0.016463	-0.013804
	0.023627	0.012805	0.028846	0.000404	0.015051	0.013217
	-0.002031	-0.040471	-0.003355	0.011671	0.009440	0.000145
	0.002469	-0.004158	-0.008164	-0.021440	-0.019473	0.025546
	-0.023459	0.033428	-0.030485	-0.000351	0.010448	0.001195
	-0.017568					
z493	-0.027467	0.032047	-0.033795	-0.026615	-0.021250	0.004037
	0.031727	0.008606	-0.007552	-0.000511	-0.061390	-0.011724
	-0.005704	-0.022823	-0.028421	-0.007711	0.000312	0.016382
	-0.014044	-0.013067	0.008018	-0.003440	-0.007079	0.004744
	0.002624	-0.002270	-0.009628	0.016301	-0.018784	-0.013242
	-0.005436					
x494	-0.012116	0.000523	-0.003967	-0.004157	-0.013646	-0.013014
	-0.011718	0.025367	-0.022265	0.001789	0.006105	-0.017340
	-0.018403	0.017741	0.015401	-0.005390	0.006473	-0.021515
	-0.017366	-0.000005	0.021161	0.000996	0.037609	0.011559
	-0.002232	0.008704	-0.002855	0.024301	0.005069	-0.024359
	-0.002849					

y494	-0.000166	0.015225	-0.019975	0.012091	-0.017297	-0.009397
	0.027199	0.012711	0.029030	-0.002820	0.011793	0.018755
	-0.001924	-0.048474	-0.002252	0.010622	0.012096	0.011231
	0.002564	-0.009497	-0.008351	-0.009000	-0.023974	0.022083
	-0.029557	0.033661	-0.025118	-0.004054	0.000200	0.007197
	-0.023830					
z494	-0.026775	0.033552	-0.035059	-0.032226	-0.020870	0.005169
	0.025884	0.009065	-0.011790	-0.010504	-0.061128	-0.014995
	-0.006314	-0.021383	-0.021533	-0.002168	-0.003505	0.017638
	-0.015522	-0.003966	0.009741	-0.003770	-0.009510	0.007017
	0.002827	-0.005190	-0.020300	0.016331	-0.018307	-0.000586
	-0.011661					
x495	-0.011028	0.002980	-0.005517	-0.006257	-0.013489	-0.011992
	-0.010108	0.025481	-0.022440	0.001449	0.008810	-0.011102
	-0.020886	0.010566	0.021522	-0.009239	0.000796	-0.018938
	-0.020939	-0.002193	0.014793	0.000528	0.035756	0.012855
	-0.002296	0.008437	-0.011017	0.024643	0.001232	-0.010483
	-0.009377					
y495	0.000158	0.019915	-0.021988	0.011918	-0.016088	-0.003981
	0.029252	0.013581	0.028575	-0.010800	0.010765	0.020520
	-0.002545	-0.053808	-0.001743	0.009838	0.014531	0.020891
	0.002652	-0.009639	-0.010265	0.002021	-0.026626	0.016836
	-0.031260	0.035414	-0.020495	-0.008494	-0.005651	0.012190
	-0.027156					
z495	-0.024810	0.032868	-0.034018	-0.038668	-0.022865	0.006086
	0.021202	0.008819	-0.019610	-0.016099	-0.062570	-0.015850
	-0.003192	-0.018564	-0.010872	0.002817	-0.004369	0.019386
	-0.021311	0.001671	0.015764	0.003695	-0.017524	0.007374
	0.002868	-0.009675	-0.016939	0.017476	-0.025310	-0.000667
	-0.020964					
x496	-0.010261	0.006045	-0.006071	-0.007167	-0.011471	-0.009348
	-0.007887	0.028881	-0.023686	0.000641	0.013083	-0.002704
	-0.024149	0.000376	0.028498	-0.012948	-0.005503	-0.014179
	-0.024022	-0.001830	0.008535	0.002315	0.033378	0.017170
	-0.003839	0.010816	-0.023866	0.019562	-0.002167	0.005854
	-0.016103					
y496	0.000630	0.023099	-0.023882	0.009486	-0.015058	0.001415
	0.028338	0.013381	0.026287	-0.020103	0.008086	0.019946
	-0.002969	-0.052433	-0.000750	0.011897	0.019123	0.027900
	0.001748	-0.007623	-0.013823	0.009217	-0.028080	0.005047
	-0.036336	0.031576	-0.014308	-0.009940	-0.010124	0.011810
	-0.025276					

z496	-0.023321	0.028810	-0.031266	-0.043057	-0.023058	0.008961
	0.016311	0.012011	-0.023171	-0.015810	-0.055666	-0.019458
	-0.001947	-0.015075	-0.000411	0.008644	-0.002299	0.013649
	-0.020219	0.016134	0.025695	0.016990	-0.022424	0.011143
	0.012012	-0.006022	-0.012754	0.010089	-0.024663	0.000712
	-0.034274					
x497	-0.009621	0.009031	-0.007118	-0.007064	-0.007540	-0.005585
	-0.006598	0.033907	-0.027580	-0.001760	0.019216	0.004511
	-0.024948	-0.010245	0.033307	-0.016112	-0.011829	-0.008928
	-0.027048	-0.000257	-0.001623	-0.001070	0.029526	0.020823
	-0.009743	0.008116	-0.043229	0.012127	-0.008570	0.017601
	-0.019298					
y497	0.001345	0.022091	-0.024876	0.005745	-0.015017	0.008172
	0.026218	0.013518	0.025256	-0.025731	0.005548	0.015123
	-0.002539	-0.043697	0.001728	0.016561	0.026338	0.026451
	0.005212	0.000685	-0.011034	0.018213	-0.023022	-0.009924
	-0.038125	0.028661	0.000162	-0.014132	-0.003529	0.009008
	-0.024050					
z497	-0.021233	0.023107	-0.028488	-0.044760	-0.023098	0.011306
	0.007653	0.013408	-0.027288	-0.016510	-0.042169	-0.027678
	-0.000837	-0.007872	0.005144	0.012098	0.002663	0.002617
	-0.017704	0.028486	0.021178	0.020160	-0.026359	0.011853
	0.021714	-0.007020	-0.016297	0.003663	-0.032575	-0.002517
	-0.032394					
x498	-0.009159	0.009914	-0.009012	-0.006719	-0.003559	0.000369
	-0.005728	0.039810	-0.032869	-0.003230	0.024762	0.008106
	-0.022419	-0.019257	0.034911	-0.016311	-0.019130	-0.005547
	-0.025993	0.005777	-0.010364	-0.009234	0.028645	0.020625
	-0.021532	0.000463	-0.063033	0.004962	-0.012603	0.022447
	-0.022618					
y498	0.001667	0.017324	-0.024928	0.001004	-0.015121	0.015487
	0.022256	0.012840	0.025326	-0.028855	0.005492	0.005650
	0.000163	-0.027787	0.006843	0.021710	0.035164	0.017829
	0.011594	0.012595	-0.009935	0.027744	-0.013163	-0.024364
	-0.032102	0.028127	0.020306	-0.022625	0.005043	0.008184
	-0.014461					
z498	-0.019254	0.015481	-0.024586	-0.043081	-0.025653	0.013427
	-0.003859	0.011974	-0.029492	-0.011937	-0.033252	-0.032839
	-0.005399	-0.002598	0.007117	0.014440	-0.002043	-0.014035
	-0.015708	0.036352	0.011191	0.016606	-0.023411	0.008751
	0.024361	-0.008696	-0.015216	0.014713	-0.020801	-0.019039
	-0.039713					

x499	-0.004783	0.005851	-0.012058	-0.011919	-0.004519	0.006800
	0.000785	0.042899	-0.029373	-0.002911	0.019420	0.005134
	-0.020466	-0.021708	0.034712	-0.011381	-0.010683	-0.001741
	-0.022856	0.013148	-0.010743	-0.008315	0.027295	0.017208
	-0.022692	0.008119	-0.041529	0.014379	-0.006825	0.018655
	-0.025457					
y499	0.001681	0.015749	-0.020564	-0.002393	-0.014061	0.018960
	0.018570	0.009493	0.025326	-0.025667	0.001588	0.004219
	-0.002657	-0.021569	0.014919	0.025526	0.035163	0.013862
	0.012196	0.013896	-0.007762	0.020867	-0.008617	-0.018421
	-0.026471	0.030983	0.024241	-0.017670	0.006381	0.003917
	-0.022173					
z499	-0.016520	0.009495	-0.023132	-0.037936	-0.025615	0.015681
	-0.009680	0.009184	-0.034919	-0.005380	-0.027341	-0.028906
	-0.011140	-0.000717	0.008912	0.016359	-0.003891	-0.017348
	-0.018740	0.031962	0.019636	0.015234	-0.014229	0.021361
	0.021102	-0.018555	-0.017739	0.019986	-0.029205	-0.010795
	-0.055543					
x500	-0.000888	0.001992	-0.015050	-0.017015	-0.006003	0.013875
	0.004165	0.044937	-0.026525	-0.000658	0.014836	0.002021
	-0.018079	-0.021837	0.034760	-0.005297	-0.001477	-0.000814
	-0.019816	0.019631	-0.009483	-0.009116	0.027676	0.012758
	-0.024351	0.013237	-0.025384	0.019544	-0.004427	0.015115
	-0.028774					
y500	0.000960	0.014153	-0.015996	-0.004280	-0.012627	0.021366
	0.013587	0.005137	0.024700	-0.021808	-0.002430	0.003523
	-0.005663	-0.015025	0.020988	0.027187	0.034288	0.010098
	0.010161	0.014044	-0.007199	0.017987	-0.003984	-0.014054
	-0.019393	0.031692	0.025922	-0.009379	0.004875	0.001750
	-0.027492					
z500	-0.013339	0.004528	-0.021444	-0.032406	-0.026102	0.019104
	-0.014084	0.009163	-0.039147	-0.002190	-0.022682	-0.022281
	-0.015776	0.000962	0.011959	0.010259	-0.007669	-0.020875
	-0.017123	0.025006	0.023136	0.006955	-0.004749	0.032874
	0.021907	-0.015876	-0.021570	0.019206	-0.022202	-0.002077
	-0.046600					
x501	0.002584	-0.001749	-0.017440	-0.021481	-0.008048	0.020846
	0.004765	0.045582	-0.024569	0.002799	0.011277	0.000128
	-0.015907	-0.020484	0.034867	0.000292	0.007158	-0.003418
	-0.019761	0.025428	-0.009409	-0.009351	0.029763	0.008697
	-0.025736	0.019052	-0.015307	0.024026	-0.001009	0.013785
	-0.036545					

y501	0.000255	0.013376	-0.011000	-0.004188	-0.011731	0.023097
	0.008613	0.000268	0.024281	-0.018009	-0.005873	0.004314
	-0.008677	-0.007849	0.023565	0.026684	0.030375	0.007492
	0.005063	0.011045	-0.005900	0.015907	0.000811	-0.010904
	-0.014835	0.031843	0.024550	-0.001575	0.006375	0.004342
	-0.027683					
z501	-0.011101	-0.001262	-0.020145	-0.030107	-0.024926	0.021839
	-0.017036	0.009022	-0.039385	-0.004089	-0.015395	-0.014991
	-0.020526	-0.001941	0.016726	0.009774	-0.010611	-0.024282
	-0.014028	0.022053	0.027066	0.003315	-0.001552	0.037641
	0.020447	-0.015927	-0.013455	0.025862	-0.002847	0.001074
	-0.038807					
x502	0.005748	-0.005435	-0.018709	-0.025196	-0.009476	0.027943
	0.002486	0.044969	-0.023279	0.005728	0.008086	0.000180
	-0.013847	-0.018296	0.034828	0.003507	0.013784	-0.007453
	-0.017821	0.028656	-0.010735	-0.011306	0.033475	0.009545
	-0.022934	0.023386	-0.010574	0.028976	-0.000919	0.012099
	-0.041232					
y502	-0.000695	0.013099	-0.005648	-0.002840	-0.010305	0.024355
	0.004386	-0.003942	0.024243	-0.015608	-0.009693	0.005917
	-0.011102	-0.001682	0.024011	0.024217	0.024927	0.007842
	0.001311	0.007341	-0.003557	0.013475	0.003841	-0.005421
	-0.012049	0.028732	0.022744	0.004194	0.008615	0.006998
	-0.023679					
z502	-0.008366	-0.005922	-0.019528	-0.026903	-0.023959	0.023423
	-0.018232	0.006720	-0.041402	-0.005579	-0.007529	-0.008662
	-0.022873	0.000543	0.018452	0.005182	-0.013277	-0.024906
	-0.009424	0.014233	0.030778	0.001618	0.000140	0.025093
	0.019728	-0.016197	-0.008909	0.028628	0.000773	0.000412
	-0.027420					
x503	0.008356	-0.008834	-0.018839	-0.027450	-0.009848	0.034668
	-0.001296	0.044343	-0.022251	0.008113	0.005133	0.001937
	-0.011280	-0.014020	0.033393	0.004238	0.017321	-0.012547
	-0.015900	0.028454	-0.011730	-0.013264	0.036184	0.008439
	-0.019609	0.026070	-0.009424	0.033445	-0.002114	0.011089
	-0.039021					
y503	-0.001932	0.013719	-0.000023	0.000183	-0.008674	0.024775
	0.001319	-0.007412	0.024631	-0.013774	-0.013431	0.007565
	-0.012793	0.003987	0.023283	0.019998	0.018248	0.009851
	-0.001592	0.001756	-0.000224	0.011578	0.005216	-0.001131
	-0.010708	0.021824	0.020335	0.006251	0.008871	0.009451
	-0.016578					

z503	-0.005662	-0.010163	-0.019187	-0.023801	-0.021389	0.024307
	-0.019420	0.005202	-0.042070	-0.008429	-0.004168	-0.002988
	-0.024699	0.004137	0.020094	-0.002963	-0.013441	-0.025089
	-0.005165	0.008896	0.032401	0.002237	0.000938	0.017573
	0.019351	-0.012262	-0.009975	0.026089	0.007213	0.003275
	-0.016063					
x504	0.010388	-0.011454	-0.017732	-0.027616	-0.009378	0.040173
	-0.005246	0.043900	-0.021161	0.009355	0.002813	0.004190
	-0.008501	-0.010217	0.030968	0.002612	0.018540	-0.019058
	-0.015761	0.027280	-0.013193	-0.014585	0.035356	0.004529
	-0.017300	0.026615	-0.010022	0.036107	-0.004386	0.012018
	-0.031334					
y504	-0.003676	0.015253	0.005626	0.004277	-0.007536	0.023533
	-0.000238	-0.010212	0.026222	-0.012581	-0.016788	0.008996
	-0.014248	0.007614	0.023096	0.015022	0.010249	0.013869
	-0.005436	-0.004617	0.003237	0.010717	0.004512	0.002488
	-0.012272	0.012437	0.019370	0.004509	0.008786	0.013092
	-0.012776					
z504	-0.002598	-0.014583	-0.019572	-0.021886	-0.020173	0.024845
	-0.019942	0.000491	-0.042125	-0.011919	0.002087	0.004471
	-0.027302	0.001019	0.019279	-0.005856	-0.014023	-0.024311
	-0.001606	0.005240	0.034057	-0.003244	0.005508	0.010457
	0.010103	-0.007156	-0.007031	0.023609	0.012351	0.005244
	-0.014063					
x505	0.011550	-0.013156	-0.015550	-0.025117	-0.008010	0.044034
	-0.008279	0.044156	-0.019616	0.009647	0.000211	0.007018
	-0.004898	-0.007187	0.028230	-0.001916	0.018187	-0.026463
	-0.016845	0.026144	-0.013960	-0.013686	0.029816	-0.002851
	-0.017899	0.025824	-0.012504	0.033957	-0.008623	0.013214
	-0.018444					
y505	-0.005991	0.017824	0.011065	0.008986	-0.007405	0.020353
	-0.000475	-0.012264	0.028560	-0.010582	-0.021213	0.010337
	-0.014808	0.010187	0.023144	0.008693	0.002518	0.020209
	-0.008838	-0.011809	0.004369	0.011511	0.003157	0.006883
	-0.014150	0.001445	0.019299	-0.001571	0.005719	0.013969
	-0.009247					
z505	-0.000439	-0.018892	-0.021088	-0.021319	-0.015963	0.025025
	-0.021124	-0.000371	-0.042411	-0.015183	0.005033	0.005915
	-0.027066	-0.002710	0.019408	-0.010344	-0.008251	-0.021979
	0.007217	0.003639	0.034618	-0.011052	0.006655	0.009422
	0.014678	-0.008148	-0.003310	0.021943	0.010722	-0.007046
	-0.008014					

x506	0.011439	-0.013549	-0.012849	-0.021687	-0.006553	0.046143
	-0.009290	0.045180	-0.017297	0.008715	-0.002473	0.010073
	0.000462	-0.007110	0.025944	-0.006711	0.015306	-0.034408
	-0.016387	0.024122	-0.016136	-0.012560	0.020613	-0.008796
	-0.022221	0.021046	-0.015046	0.028063	-0.012823	0.013528
	-0.002177					
y506	-0.008694	0.020961	0.016158	0.012890	-0.008665	0.014962
	0.000066	-0.014849	0.032460	-0.006943	-0.024135	0.012474
	-0.014363	0.011193	0.023669	0.003042	-0.004653	0.026717
	-0.012386	-0.022251	0.001424	0.014648	0.004326	0.012821
	-0.016466	-0.007878	0.022047	-0.010257	0.005980	0.017744
	-0.012928					
z506	0.001038	-0.022944	-0.023132	-0.020790	-0.011306	0.022308
	-0.025136	-0.003474	-0.043214	-0.014543	0.013067	0.007572
	-0.028276	-0.007530	0.018774	-0.011141	0.000065	-0.024716
	0.011710	-0.001046	0.030239	-0.015537	0.010665	0.004084
	0.019657	-0.004599	-0.006107	0.018229	0.008486	-0.006600
	-0.006221					
x507	0.009851	-0.012896	-0.009400	-0.018103	-0.005518	0.045134
	-0.009191	0.046290	-0.012790	0.007889	-0.004600	0.013468
	0.008520	-0.010160	0.025020	-0.012719	0.012916	-0.043302
	-0.013556	0.019298	-0.022939	-0.010719	0.009884	-0.012551
	-0.027631	0.016246	-0.015118	0.016947	-0.017444	0.013636
	0.013522					
y507	-0.011379	0.023651	0.020683	0.015838	-0.012049	0.009463
	0.001819	-0.016674	0.036517	-0.003564	-0.026743	0.017005
	-0.010666	0.013737	0.020329	0.001290	-0.011018	0.035425
	-0.014149	-0.030944	-0.000141	0.017793	0.005226	0.018411
	-0.023861	-0.018255	0.031109	-0.018874	0.016433	0.015683
	-0.017423					
z507	0.002113	-0.025744	-0.025101	-0.018924	-0.009153	0.021668
	-0.027945	-0.005909	-0.045009	-0.014308	0.019082	0.010507
	-0.028199	-0.013458	0.012931	-0.006943	0.005892	-0.027430
	0.014646	0.005853	0.032185	-0.016994	0.010525	-0.009484
	0.011262	-0.008576	-0.004176	0.019433	0.015488	-0.009311
	0.005407					
x508	0.007135	-0.012534	-0.007094	-0.016051	-0.004429	0.044300
	-0.015133	0.045605	-0.008937	0.005577	-0.007576	0.011840
	0.009111	-0.007341	0.017056	-0.012766	0.015579	-0.043922
	-0.005762	0.016485	-0.028237	-0.011733	0.017716	-0.012673
	-0.020049	0.004914	-0.014689	0.016125	-0.026385	0.021582
	0.020803					

y508	-0.012142	0.021236	0.018482	0.017874	-0.012272	0.007936
	-0.004005	-0.019910	0.030551	-0.002279	-0.019001	0.017523
	-0.011765	0.014471	0.019717	0.002307	-0.008491	0.035340
	-0.006595	-0.031102	0.007625	0.016067	0.008653	0.009816
	-0.016491	-0.014517	0.023035	-0.017098	0.014514	0.006305
	-0.025048					
z508	0.002433	-0.024917	-0.026672	-0.016746	-0.005191	0.017868
	-0.027568	-0.004163	-0.045525	-0.011786	0.018368	0.011819
	-0.026086	-0.012183	0.006339	-0.007613	0.013398	-0.027188
	0.018457	0.007061	0.029317	-0.019396	0.007890	-0.011625
	0.011637	-0.008381	-0.008192	0.011735	0.008190	-0.006429
	0.024407					
x509	0.004865	-0.012250	-0.005188	-0.014582	-0.003705	0.043188
	-0.020827	0.044076	-0.005563	0.002329	-0.007866	0.010899
	0.007936	-0.005437	0.008455	-0.012153	0.016643	-0.043590
	0.000171	0.013693	-0.030295	-0.012241	0.023164	-0.013326
	-0.013031	-0.003314	-0.013256	0.017065	-0.030664	0.024765
	0.027334					
y509	-0.013163	0.018561	0.016567	0.018070	-0.012061	0.005598
	-0.010005	-0.023918	0.025903	-0.002809	-0.012380	0.019449
	-0.011087	0.014121	0.020165	0.005956	-0.006645	0.033047
	-0.002847	-0.031723	0.012608	0.014097	0.012704	0.003674
	-0.012659	-0.011729	0.021070	-0.012661	0.019611	-0.001963
	-0.036315					
z509	0.002230	-0.023755	-0.028483	-0.016259	-0.001445	0.014304
	-0.026918	-0.005099	-0.043075	-0.013305	0.017568	0.012872
	-0.027562	-0.016331	0.000717	-0.009500	0.014816	-0.030249
	0.013155	0.008299	0.024127	-0.020125	0.009625	-0.009207
	0.003845	-0.011444	-0.007942	0.007570	0.004026	-0.003610
	0.033171					
x510	0.002703	-0.012033	-0.003736	-0.013865	-0.003365	0.042271
	-0.025927	0.041976	-0.002561	-0.000975	-0.006907	0.011447
	0.006943	-0.003805	0.000623	-0.011342	0.016634	-0.043467
	0.006312	0.009941	-0.028757	-0.010417	0.026770	-0.013649
	-0.007076	-0.010174	-0.010673	0.017896	-0.028868	0.024522
	0.030434					
y510	-0.014200	0.015925	0.015646	0.017722	-0.011059	0.003242
	-0.015619	-0.025490	0.021292	-0.002289	-0.007767	0.021976
	-0.008646	0.015837	0.021130	0.010802	-0.003700	0.030960
	0.000557	-0.033079	0.016036	0.011530	0.014595	-0.000132
	-0.008641	-0.008339	0.021921	-0.009751	0.022363	-0.008661
	-0.046451					

z510	0.001679	-0.022347	-0.029646	-0.017218	0.002792	0.012180
	-0.025813	-0.003204	-0.041125	-0.012771	0.018054	0.012327
	-0.028830	-0.018031	-0.004189	-0.011209	0.016552	-0.031764
	0.011538	0.006634	0.021654	-0.018394	0.009236	-0.003412
	-0.000235	-0.014923	-0.006776	0.000417	0.000437	0.000998
	0.033031					
x511	0.000665	-0.011608	-0.002234	-0.013278	-0.003590	0.041738
	-0.030929	0.038585	0.000209	-0.004990	-0.005552	0.012132
	0.006339	-0.002971	-0.005291	-0.009310	0.015940	-0.041176
	0.010638	0.006765	-0.024508	-0.008916	0.028202	-0.014554
	-0.000409	-0.014389	-0.007871	0.019781	-0.023679	0.022843
	0.035137					
y511	-0.015361	0.014020	0.015184	0.017975	-0.010454	0.000757
	-0.020001	-0.027072	0.018330	-0.001808	-0.005658	0.023561
	-0.005390	0.018582	0.022257	0.014949	-0.000831	0.029270
	0.002550	-0.033516	0.018622	0.009575	0.013605	-0.006080
	-0.005440	-0.001594	0.021717	-0.005374	0.020052	-0.011409
	-0.049273					
z511	0.001103	-0.019920	-0.030772	-0.017975	0.005271	0.010630
	-0.022456	-0.003988	-0.037029	-0.012389	0.017644	0.009807
	-0.031393	-0.019937	-0.008295	-0.013682	0.017776	-0.029246
	0.010045	0.007605	0.023733	-0.013749	0.005804	-0.003436
	-0.002904	-0.012747	-0.008875	-0.003064	-0.005700	0.008735
	0.040049					
x512	-0.001826	-0.011270	-0.000798	-0.012753	-0.003965	0.041522
	-0.036228	0.035096	0.002635	-0.009076	-0.004532	0.013237
	0.007038	-0.001898	-0.009374	-0.006663	0.012985	-0.038728
	0.015079	0.003670	-0.017983	-0.008170	0.029055	-0.017320
	0.003906	-0.017147	-0.006874	0.022391	-0.014244	0.019825
	0.038280					
y512	-0.016559	0.012693	0.015122	0.018077	-0.010007	-0.002049
	-0.023359	-0.028287	0.017030	-0.001809	-0.005141	0.023917
	-0.001958	0.021492	0.021891	0.017798	0.001791	0.026104
	0.003979	-0.034062	0.018025	0.007170	0.009833	-0.010590
	-0.004375	0.000824	0.021538	0.000951	0.014275	-0.013152
	-0.050489					
z512	-0.000101	-0.017522	-0.032358	-0.019788	0.006886	0.009138
	-0.018551	-0.004687	-0.031786	-0.012025	0.016966	0.006844
	-0.033576	-0.022458	-0.012226	-0.016551	0.015487	-0.028179
	0.010335	0.008784	0.027066	-0.008417	0.001922	-0.006338
	-0.010252	-0.016159	-0.013342	-0.004171	-0.006344	0.014102
	0.043051					

x513	-0.004554	-0.010888	0.000725	-0.012077	-0.004502	0.040901
	-0.041996	0.031650	0.004439	-0.014031	-0.004061	0.014402
	0.007153	-0.000883	-0.012863	-0.003468	0.011733	-0.034883
	0.016598	0.002650	-0.010190	-0.007786	0.028673	-0.018668
	0.009173	-0.018138	-0.002678	0.023835	-0.005476	0.014361
	0.039043					
y513	-0.017285	0.011078	0.014521	0.016935	-0.008230	-0.005255
	-0.024348	-0.026662	0.013664	0.000312	-0.005614	0.024914
	-0.001019	0.024496	0.023783	0.020404	0.007052	0.023178
	0.002248	-0.034784	0.013866	0.008483	0.004811	-0.009640
	-0.007636	0.002360	0.023921	0.003826	0.007075	-0.011880
	-0.049707					
z513	-0.001018	-0.015876	-0.034493	-0.023284	0.008637	0.007379
	-0.013207	-0.003561	-0.029454	-0.010846	0.016668	0.005140
	-0.038629	-0.026555	-0.014092	-0.018027	0.017342	-0.025441
	0.005395	0.012183	0.031675	-0.000604	-0.000977	-0.005422
	-0.020037	-0.019484	-0.011519	-0.010179	-0.001584	0.015473
	0.039510					
x514	-0.007582	-0.009753	0.004153	-0.010917	-0.006372	0.041184
	-0.047451	0.022543	0.007160	-0.019256	-0.003563	0.013203
	0.010316	-0.000233	-0.015276	-0.002335	0.006881	-0.030693
	0.019790	-0.000106	-0.002844	-0.006898	0.029027	-0.021466
	0.013809	-0.016148	-0.002278	0.026545	0.004053	0.011053
	0.041089					
y514	-0.017927	0.010824	0.014251	0.016624	-0.008005	-0.008776
	-0.025175	-0.028316	0.014247	0.001870	-0.006644	0.020941
	0.000989	0.025369	0.019788	0.018586	0.008647	0.017365
	0.002819	-0.038258	0.009289	0.011015	-0.000148	-0.006558
	-0.006019	0.005365	0.024856	0.012932	-0.001766	-0.013549
	-0.047864					
z514	-0.001659	-0.013916	-0.035220	-0.026303	0.008521	0.006404
	-0.007318	-0.007877	-0.025382	-0.009068	0.016855	0.000014
	-0.040883	-0.032932	-0.017155	-0.023375	0.016273	-0.021718
	0.004744	0.014759	0.036711	0.008159	-0.000800	-0.004756
	-0.027171	-0.020324	-0.013356	-0.015247	0.003836	0.011531
	0.035432					
x515	-0.010542	-0.007727	0.006471	-0.008161	-0.006949	0.039980
	-0.054276	0.017689	0.008673	-0.026101	-0.001994	0.012448
	0.009065	0.002201	-0.017571	0.003909	0.003888	-0.026061
	0.018060	-0.005892	0.004201	-0.007325	0.027856	-0.020299
	0.019169	-0.012951	-0.005365	0.028827	0.010007	0.007160
	0.046114					

y515	-0.017029	0.010015	0.012411	0.014877	-0.004878	-0.013720
	-0.022029	-0.024036	0.010791	0.006309	-0.004256	0.023080
	-0.003255	0.028362	0.019282	0.019519	0.014871	0.011474
	0.000576	-0.042313	0.002263	0.016714	-0.008781	0.002833
	-0.004436	0.007067	0.027746	0.018124	-0.015124	-0.014538
	-0.039793					
z515	-0.001434	-0.012579	-0.038719	-0.029934	0.009450	0.004657
	-0.000933	-0.005944	-0.023855	-0.009491	0.019096	-0.003561
	-0.048209	-0.038419	-0.018570	-0.023895	0.019865	-0.018175
	0.001091	0.016472	0.045455	0.016280	0.000759	-0.005226
	-0.035199	-0.022522	-0.017166	-0.022708	0.009720	0.006961
	0.031703					
x516	-0.013458	-0.006005	0.008189	-0.005920	-0.008244	0.038731
	-0.058960	0.010964	0.009029	-0.034916	-0.002406	0.005643
	0.003016	0.005408	-0.015703	0.008222	0.001947	-0.021010
	0.018041	-0.013922	0.011853	-0.001279	0.031724	-0.019682
	0.011236	-0.012760	-0.019059	0.023354	0.013378	0.013857
	0.054518					
y516	-0.014908	0.007317	0.009392	0.011226	-0.000292	-0.020519
	-0.014591	-0.017994	0.006121	0.015210	0.000131	0.027143
	-0.008360	0.032183	0.021834	0.019465	0.016855	0.001211
	-0.000814	-0.043125	-0.010824	0.022631	-0.016577	0.012926
	-0.004332	0.005921	0.031973	0.023438	-0.027939	-0.010964
	-0.027467					
z516	-0.001215	-0.012282	-0.041077	-0.034920	0.011067	0.002672
	0.008791	-0.003287	-0.022436	-0.009114	0.021528	-0.004337
	-0.053418	-0.043552	-0.011963	-0.024461	0.015122	-0.013966
	0.000616	0.024275	0.051391	0.023914	0.008830	-0.014859
	-0.052556	-0.026086	-0.026680	-0.036019	0.024522	0.003013
	0.020929					
x517	-0.013925	-0.007446	0.012769	-0.007476	-0.005657	0.036146
	-0.061476	0.010919	0.014278	-0.024148	-0.000665	0.005966
	-0.011924	0.003418	-0.018725	0.015971	0.007763	-0.019492
	0.013558	-0.014684	0.008218	-0.001659	0.020076	-0.018050
	0.006490	-0.015196	-0.029570	0.020408	0.017178	0.002216
	0.041527					
y517	-0.014042	0.004022	0.001588	0.008173	-0.001050	-0.029395
	-0.010212	-0.023219	-0.000084	0.017194	-0.005295	0.011791
	-0.003011	0.028573	0.021033	0.013305	0.011875	0.002609
	-0.004699	-0.047972	-0.008616	0.029693	-0.016059	0.013905
	-0.001437	-0.001272	0.034767	0.029111	-0.032363	-0.001877
	-0.025645					

z517	-0.003783	-0.007630	-0.035060	-0.031254	0.013144	0.002953
	0.009451	0.007175	-0.013864	-0.012472	0.029683	0.011366
	-0.049827	-0.037057	-0.010339	-0.014115	0.008201	-0.002273
	0.003739	0.039206	0.038198	0.008627	0.006658	-0.010179
	-0.039871	-0.018124	-0.019679	-0.032297	0.033326	-0.013645
	0.013313					
x518	-0.016296	-0.006554	0.017492	-0.007036	-0.004294	0.031781
	-0.063803	0.007722	0.021025	-0.019537	-0.001375	0.006706
	-0.025109	0.002464	-0.026238	0.017187	0.007010	-0.019850
	0.008210	-0.015876	0.005717	0.000033	0.010172	-0.012421
	0.011887	-0.008070	-0.033443	0.022626	0.017499	-0.012716
	0.022533					
y518	-0.013056	0.001799	-0.009775	0.003139	-0.003556	-0.035720
	-0.003373	-0.027017	-0.008971	0.010788	-0.012265	-0.004607
	-0.000414	0.022897	0.020563	0.002183	0.012148	0.001736
	-0.006031	-0.052675	-0.002705	0.043338	-0.007668	0.014364
	-0.005210	-0.008627	0.034048	0.032086	-0.034156	0.005612
	-0.028045					
z518	-0.006427	-0.002905	-0.029047	-0.029631	0.013441	0.003135
	0.012239	0.010869	-0.006734	-0.020282	0.033259	0.021484
	-0.043081	-0.031024	-0.009864	-0.014484	0.005847	0.005210
	0.012979	0.049117	0.030315	0.003987	0.007646	-0.008960
	-0.032029	-0.011669	-0.014949	-0.028935	0.032898	-0.032056
	-0.000133					
x519	-0.018130	-0.004581	0.020756	-0.006539	-0.001504	0.025362
	-0.064407	0.004793	0.025661	-0.013430	0.002862	0.010247
	-0.038257	0.004089	-0.026215	0.020912	0.005797	-0.020692
	0.001168	-0.023959	-0.001775	0.005115	0.003641	-0.004116
	0.020186	0.007782	-0.041856	0.021553	0.015783	-0.012540
	0.009091					
y519	-0.011778	-0.001147	-0.019985	-0.001566	-0.003378	-0.043238
	0.004861	-0.028596	-0.017203	0.011401	-0.015384	-0.012676
	0.005276	0.020098	0.023177	-0.001567	0.008410	-0.001502
	-0.008044	-0.051695	-0.004025	0.050296	0.000533	0.014882
	-0.000727	-0.011115	0.035280	0.034635	-0.030387	0.010416
	-0.029886					
z519	-0.008443	0.002155	-0.021894	-0.027834	0.014901	0.000636
	0.014052	0.014947	0.001029	-0.025335	0.038917	0.034744
	-0.035175	-0.021433	-0.005252	-0.011674	0.001398	0.013327
	0.020312	0.053887	0.015228	0.000324	0.009519	-0.007439
	-0.019935	0.000326	-0.012739	-0.023247	0.028396	-0.041677
	-0.007425					

x520	-0.021030	-0.003448	0.023991	-0.005824	0.000607	0.019016
	-0.063238	0.002282	0.029050	-0.007326	0.004772	0.014662
	-0.045097	0.006323	-0.028210	0.025586	0.006498	-0.014839
	-0.001588	-0.023699	0.002474	0.012015	-0.007950	0.008963
	0.019135	0.009351	-0.041698	0.013282	0.025618	-0.024184
	0.005339					
y520	-0.009930	-0.005576	-0.029611	-0.007022	-0.001651	-0.050703
	0.012989	-0.028761	-0.025404	0.016929	-0.016932	-0.015831
	0.013250	0.017761	0.025193	0.000719	0.003203	-0.005473
	-0.008903	-0.044810	-0.008454	0.052101	0.011184	0.014721
	0.005617	-0.014188	0.036388	0.035427	-0.021028	0.010241
	-0.029379					
z520	-0.010529	0.006545	-0.014048	-0.026809	0.016367	-0.002560
	0.014812	0.020036	0.008827	-0.027745	0.042251	0.049132
	-0.025843	-0.011076	-0.000478	-0.009296	0.000428	0.026040
	0.029097	0.058670	0.007278	0.004397	0.006646	-0.002600
	-0.013786	0.004651	-0.001731	-0.019170	0.025130	-0.057673
	-0.010620					
x521	-0.022904	-0.002979	0.021697	-0.008521	0.003193	0.007278
	-0.061790	-0.001713	0.028206	-0.006432	0.010458	0.012255
	-0.049862	0.011479	-0.030023	0.026950	0.009507	-0.020185
	-0.003912	-0.024721	0.002901	0.011484	-0.012333	0.012555
	0.012890	0.011736	-0.045535	0.005931	0.028953	-0.021648
	-0.010187					
y521	-0.007838	-0.010235	-0.040592	-0.014234	0.000709	-0.057961
	0.020480	-0.027546	-0.034336	0.021182	-0.020702	-0.018974
	0.021899	0.015339	0.027017	0.003948	-0.001117	-0.007955
	-0.010248	-0.033716	-0.013019	0.052494	0.023434	0.013351
	0.009172	-0.017596	0.038187	0.034227	-0.012017	0.009309
	-0.029244					
z521	-0.010372	0.011157	-0.007614	-0.027832	0.017132	-0.007559
	0.013799	0.020254	0.015064	-0.026955	0.052096	0.061155
	-0.017134	0.002158	0.004395	-0.004564	-0.002130	0.030955
	0.034371	0.048682	-0.007098	0.005148	0.007110	-0.003478
	-0.013175	0.012726	-0.005272	-0.010073	0.012998	-0.059032
	-0.015274					
x522	-0.024469	-0.005600	0.014916	-0.014634	0.005702	-0.011052
	-0.056932	-0.009323	0.026247	-0.003782	0.008591	0.001561
	-0.050030	0.017268	-0.031198	0.022269	0.012737	-0.030474
	0.002633	-0.019114	0.006783	0.017409	-0.008979	0.010072
	0.011049	0.013210	-0.041356	-0.006198	0.027129	-0.014895
	-0.018877					

y522	-0.004293	-0.013404	-0.051065	-0.022014	0.002144	-0.063623
	0.028608	-0.026396	-0.043565	0.024972	-0.025169	-0.017379
	0.033633	0.013484	0.026036	0.015498	-0.013631	-0.007002
	-0.009776	-0.025491	-0.023124	0.046483	0.037257	0.013630
	0.009794	-0.023166	0.029554	0.039883	-0.000700	0.003265
	-0.015677					
z522	-0.007865	0.015615	-0.001994	-0.028801	0.016378	-0.011801
	0.012809	0.016529	0.020658	-0.021190	0.065846	0.072141
	-0.007486	0.013789	0.009166	0.002885	-0.005800	0.029793
	0.036591	0.023965	-0.022751	0.011840	0.016917	-0.005606
	-0.010671	0.022554	-0.022911	-0.001227	-0.003700	-0.050033
	-0.006340					
x523	-0.025033	-0.011826	-0.000005	-0.029609	0.011637	-0.045323
	-0.050022	-0.014561	0.018472	-0.000306	0.001003	-0.015980
	-0.054380	0.024500	-0.041386	0.022216	0.018365	-0.038272
	0.012168	0.004894	0.009879	0.030696	-0.005990	0.018226
	0.009864	0.003210	-0.015751	-0.009178	0.033584	-0.009504
	-0.026891					
y523	0.000581	-0.017327	-0.060675	-0.031105	0.007259	-0.068295
	0.037810	-0.020898	-0.054346	0.032070	-0.028534	-0.007329
	0.050310	0.011538	0.026478	0.034273	-0.033505	-0.007781
	-0.009804	-0.013578	-0.038142	0.030112	0.049496	0.009898
	0.010308	-0.021820	0.016247	0.049740	0.008743	-0.004614
	-0.001150					
z523	-0.005250	0.019060	0.004561	-0.029863	0.016828	-0.016758
	0.012962	0.009803	0.023537	-0.013262	0.079784	0.082495
	-0.001854	0.020633	0.015991	0.003795	-0.004394	0.032642
	0.036127	-0.003252	-0.034647	0.031378	0.024093	-0.006721
	-0.003819	0.024573	-0.040285	0.009170	-0.028751	-0.035459
	-0.006761					
x524	-0.025902	-0.021964	-0.022177	-0.052254	0.027708	-0.091659
	-0.041438	-0.016974	0.008291	0.007973	-0.009596	-0.030985
	-0.052671	0.027306	-0.062543	0.030796	0.020687	-0.057612
	0.032724	0.036381	0.019132	0.033273	-0.004321	0.035548
	0.003329	-0.006384	0.022452	-0.013225	0.039663	0.001715
	-0.027142					
y524	0.004372	-0.020479	-0.059253	-0.032343	0.021525	-0.061592
	0.045777	-0.011019	-0.062151	0.038712	-0.031566	0.014796
	0.062048	0.007069	0.034731	0.046361	-0.055522	-0.004297
	-0.032202	0.005947	-0.046546	0.007205	0.043893	0.004730
	0.018175	-0.014409	0.009236	0.052944	-0.005696	-0.004898
	0.004955					

z524	-0.003473	0.019712	0.008713	-0.032461	0.018667	-0.025295
	0.014242	0.001836	0.021626	-0.003058	0.085610	0.085345
	0.007105	0.020081	0.019957	-0.008793	0.007314	0.031386
	0.040078	-0.027232	-0.032953	0.054288	0.022347	-0.009579
	0.004522	0.017272	-0.051657	0.017936	-0.053536	-0.024394
	-0.028693					
x525	-0.025898	-0.026340	-0.033214	-0.059208	0.043830	-0.111714
	-0.034396	-0.025189	0.004387	0.010214	-0.010410	-0.037043
	-0.044025	0.017649	-0.072778	0.038180	0.010059	-0.076489
	0.027058	0.041687	0.042530	0.019290	-0.013785	0.041869
	0.006951	-0.008234	0.035791	-0.015274	0.023504	0.018200
	-0.022160					
y525	0.006110	-0.017764	-0.046329	-0.025233	0.027203	-0.043025
	0.047980	0.002275	-0.061841	0.046305	-0.037910	0.047265
	0.070904	0.010548	0.044155	0.047745	-0.062503	0.010971
	-0.051731	0.015002	-0.055060	-0.008865	0.032274	0.003135
	0.023195	-0.009167	0.001470	0.044574	0.000452	-0.027938
	0.016831					
z525	-0.002212	0.018280	0.006730	-0.034654	0.019475	-0.034979
	0.015920	-0.005566	0.015074	0.003514	0.077951	0.071433
	0.017222	0.018579	0.017238	-0.028613	0.018666	0.025398
	0.041692	-0.038044	-0.010783	0.067612	0.009090	-0.008133
	0.006710	0.002035	-0.035991	0.018623	-0.071280	-0.010525
	-0.045429					
x526	0.000886	-0.021251	-0.031978	-0.005744	-0.006044	0.025632
	0.005369	-0.029109	0.007095	0.008746	0.016795	-0.004136
	0.012468	-0.008703	0.022386	-0.000799	-0.004905	-0.004975
	-0.003492	0.006212	0.056853	-0.037357	0.008004	-0.006186
	0.016765	-0.005961	0.062717	0.022000	0.010235	-0.005393
	-0.059767					
y526	-0.008691	0.001933	0.009181	0.034104	0.002849	-0.024912
	0.027266	-0.036368	-0.020827	0.012179	-0.020640	-0.001792
	-0.008836	-0.008514	0.004782	-0.012370	0.005000	-0.004006
	0.014117	-0.069971	0.034964	0.016589	0.012665	0.018429
	0.018997	0.018483	0.031344	0.075589	0.062434	0.004673
	0.024731					
z526	0.002544	0.030437	-0.024478	-0.002905	-0.007998	0.030262
	0.003888	0.003006	-0.053245	-0.035520	0.003582	0.001777
	0.040039	0.036073	0.088452	-0.015151	-0.008339	0.023889
	-0.042606	-0.006182	-0.097452	-0.006110	-0.006238	0.063582
	0.036977	0.025509	0.033734	-0.046797	0.105659	0.017348
	-0.027341					

x527	-0.000007	-0.020609	-0.027241	-0.006717	-0.006944	0.028472
	-0.001871	-0.025591	0.011188	-0.004478	0.016414	-0.000799
	0.008320	0.000659	0.021336	-0.011728	0.008208	-0.011489
	0.008675	0.011903	0.036633	-0.034453	0.013066	-0.014832
	0.019199	-0.007154	0.039744	0.018114	0.023864	0.002551
	-0.036606					
y527	-0.005892	0.000613	0.008534	0.032558	0.002968	-0.025456
	0.031907	-0.028285	-0.024269	0.013961	-0.017810	-0.002569
	-0.009978	0.002252	0.008323	-0.014324	0.005369	-0.003376
	0.015806	-0.070370	0.033603	0.017607	0.011678	0.011957
	0.018016	0.013920	0.037247	0.067377	0.056917	-0.002570
	0.026142					
z527	0.000333	0.033423	-0.020664	0.003910	-0.010554	0.025934
	0.003770	0.001252	-0.050655	-0.035624	-0.001252	-0.000890
	0.027215	0.033243	0.069235	-0.025776	-0.012783	0.017170
	-0.031115	0.001611	-0.084523	-0.005702	-0.011034	0.049441
	0.034194	0.026427	0.029166	-0.029633	0.090380	0.009106
	-0.020411					
x528	-0.000687	-0.023362	-0.022729	-0.011694	-0.003950	0.030003
	-0.003801	-0.020098	0.005880	-0.008788	0.015015	0.006616
	0.001444	0.009904	0.032460	-0.020574	0.018884	-0.003697
	0.015804	0.022580	0.011861	-0.032088	0.011701	-0.011743
	0.014465	-0.010070	0.022486	0.009654	0.029341	0.010207
	-0.022331					
y528	-0.004098	0.000289	0.009793	0.032726	0.001410	-0.027142
	0.033537	-0.021452	-0.021986	0.012576	-0.013310	-0.005273
	-0.012590	0.011579	0.002824	-0.016098	0.005538	-0.006853
	0.021143	-0.069958	0.039307	0.019040	0.014485	0.003495
	0.020119	0.007824	0.041326	0.059208	0.045340	-0.000653
	0.027972					
z528	-0.001629	0.036391	-0.017737	0.010554	-0.011817	0.022008
	0.003582	-0.001040	-0.047090	-0.033682	-0.004577	-0.002032
	0.016698	0.029363	0.051252	-0.032098	-0.016239	0.008917
	-0.021252	0.008756	-0.072613	-0.005201	-0.010378	0.039769
	0.027702	0.025960	0.025523	-0.019828	0.075338	0.008016
	-0.016374					
x529	-0.001904	-0.023952	-0.021862	-0.012131	-0.004077	0.029827
	-0.003556	-0.016715	0.000345	-0.012673	0.010971	0.013633
	0.001491	0.016613	0.031452	-0.025931	0.022999	0.004493
	0.013583	0.028368	0.001402	-0.027011	0.003954	-0.018672
	0.014621	-0.001841	0.015761	0.011226	0.027396	0.009608
	-0.007745					

y529	-0.003035	-0.001640	0.013354	0.029469	0.002099	-0.029347
	0.034617	-0.014470	-0.019350	0.012386	-0.006523	-0.006850
	-0.018541	0.018728	0.002057	-0.016737	0.007786	-0.007752
	0.030959	-0.065259	0.040471	0.016795	0.020084	0.006287
	0.020421	-0.003566	0.041248	0.045045	0.030807	0.008800
	0.022704					
z529	-0.003426	0.039616	-0.015099	0.016365	-0.012038	0.018873
	0.001824	-0.004627	-0.042509	-0.031808	-0.007542	-0.003202
	0.007503	0.025603	0.034317	-0.036352	-0.020694	-0.000329
	-0.010174	0.015367	-0.062452	-0.006730	-0.005428	0.036224
	0.020003	0.023433	0.020973	-0.013458	0.060089	0.010741
	-0.017835					
x530	-0.003735	-0.026237	-0.023696	-0.012816	-0.004107	0.028723
	-0.005561	-0.014276	-0.003081	-0.013856	0.006101	0.013348
	0.010090	0.019992	0.034371	-0.029392	0.023342	0.014153
	0.015780	0.038120	-0.000572	-0.027829	-0.007959	-0.017454
	0.023956	0.001729	0.017401	0.023861	0.022846	0.017325
	-0.011235					
y530	-0.002412	-0.003711	0.017538	0.026014	0.002260	-0.032098
	0.037159	-0.008378	-0.017786	0.012319	-0.001215	-0.005086
	-0.025417	0.024454	-0.002768	-0.018017	0.009402	-0.008745
	0.036088	-0.060124	0.039428	0.014344	0.026131	0.006391
	0.017657	-0.009593	0.041466	0.030586	0.015669	0.012644
	0.020367					
z530	-0.004529	0.043386	-0.012804	0.021896	-0.012278	0.016781
	0.000761	-0.009888	-0.039782	-0.030211	-0.010916	-0.000279
	-0.002188	0.022038	0.015313	-0.038377	-0.026651	-0.009481
	-0.006186	0.016887	-0.057177	-0.006482	0.004238	0.032360
	0.006518	0.024755	0.013125	-0.010868	0.044449	0.008229
	-0.011480					
x531	-0.005340	-0.026848	-0.024715	-0.012061	-0.004378	0.027062
	-0.006872	-0.016181	-0.006662	-0.014583	-0.000240	0.018901
	0.011276	0.021674	0.030435	-0.030276	0.019283	0.016855
	0.016155	0.043979	-0.002476	-0.029439	-0.009266	-0.014081
	0.022098	0.008766	0.013574	0.027473	0.011001	0.017383
	-0.007598					
y531	-0.002088	-0.005541	0.020820	0.021592	0.002069	-0.034311
	0.040482	-0.001968	-0.015738	0.013184	0.004647	-0.006062
	-0.027175	0.030090	-0.004095	-0.018612	0.009822	-0.006321
	0.040775	-0.054901	0.037650	0.007957	0.026863	0.009117
	0.021489	-0.013349	0.044170	0.020612	0.005056	0.018374
	0.013205					

z531	-0.005914	0.047162	-0.011492	0.026810	-0.011019	0.015737
	-0.000663	-0.012818	-0.036229	-0.029483	-0.013525	-0.001165
	-0.008355	0.019110	0.001280	-0.039083	-0.026774	-0.015217
	-0.000799	0.020721	-0.051080	-0.004583	0.007221	0.029091
	-0.001073	0.022790	0.010260	-0.007838	0.036345	0.011217
	-0.011677					
x532	-0.007044	-0.026045	-0.026077	-0.011111	-0.003530	0.025701
	-0.007774	-0.016652	-0.008412	-0.017021	-0.006992	0.025190
	0.011483	0.020483	0.025146	-0.031413	0.016565	0.015047
	0.015485	0.048610	-0.003768	-0.027043	-0.008759	-0.010176
	0.013787	0.015707	0.015470	0.027822	-0.000978	0.015437
	-0.010465					
y532	-0.001711	-0.007563	0.023854	0.016898	0.000949	-0.036239
	0.044304	0.003448	-0.013638	0.014903	0.009668	-0.007218
	-0.028438	0.035005	-0.004508	-0.018411	0.008758	-0.003449
	0.046080	-0.049674	0.035665	-0.000997	0.026521	0.014193
	0.027713	-0.016678	0.045885	0.013194	-0.004189	0.023511
	0.008261					
z532	-0.006919	0.050469	-0.010656	0.031460	-0.009719	0.015319
	-0.002723	-0.017468	-0.033833	-0.028110	-0.015982	-0.002751
	-0.013007	0.017331	-0.010272	-0.037649	-0.026908	-0.018693
	0.003617	0.023752	-0.046709	-0.004466	0.009074	0.027351
	-0.005074	0.020523	0.004247	-0.004851	0.030042	0.013411
	-0.007721					
x533	-0.008612	-0.024338	-0.027984	-0.008389	-0.003236	0.024545
	-0.009993	-0.018084	-0.008801	-0.019814	-0.013679	0.027414
	0.013326	0.020798	0.023213	-0.033148	0.015147	0.013740
	0.015462	0.052273	-0.006332	-0.025578	-0.011589	-0.008271
	0.008715	0.018284	0.009947	0.028628	-0.006819	0.019110
	-0.007746					
y533	-0.001477	-0.009415	0.026702	0.011120	-0.000171	-0.037787
	0.048298	0.007854	-0.011336	0.016294	0.014163	-0.006301
	-0.030102	0.037526	-0.006222	-0.017653	0.006058	-0.001684
	0.049981	-0.045711	0.033681	-0.010857	0.028441	0.021984
	0.030801	-0.018761	0.050543	0.006198	-0.013669	0.023240
	0.002030					
z533	-0.007705	0.053642	-0.010084	0.034623	-0.007094	0.015221
	-0.003769	-0.021566	-0.032526	-0.026811	-0.018006	-0.002349
	-0.017480	0.014067	-0.021972	-0.034174	-0.025848	-0.022641
	0.006665	0.025731	-0.041697	-0.002927	0.011434	0.028417
	-0.009325	0.020494	0.004682	-0.002887	0.021923	0.010029
	-0.009651					

x534	-0.009414	-0.022065	-0.030163	-0.005825	-0.002348	0.024265
	-0.011169	-0.020352	-0.010254	-0.022631	-0.020238	0.032027
	0.014177	0.020253	0.021362	-0.032237	0.014669	0.012318
	0.018019	0.055005	-0.007565	-0.023823	-0.011894	-0.002259
	0.005500	0.023188	0.005766	0.029335	-0.014368	0.023932
	-0.002691					
y534	-0.001479	-0.010603	0.029329	0.004976	-0.001009	-0.038029
	0.051269	0.012644	-0.007238	0.016496	0.019031	-0.006441
	-0.028778	0.038213	-0.006674	-0.017779	0.003044	-0.001832
	0.051845	-0.041870	0.027401	-0.019052	0.028375	0.028310
	0.029355	-0.019582	0.053966	-0.003895	-0.018616	0.018810
	-0.002074					
z534	-0.008839	0.056432	-0.009912	0.038008	-0.004238	0.014408
	-0.005952	-0.025944	-0.031038	-0.025391	-0.019590	-0.004108
	-0.020150	0.011629	-0.030934	-0.031172	-0.023773	-0.026510
	0.005838	0.025780	-0.037406	-0.000928	0.010646	0.026486
	-0.013428	0.016828	0.005366	-0.001985	0.018081	0.005158
	-0.016326					
x535	-0.009551	-0.019118	-0.032093	-0.002246	-0.001070	0.023077
	-0.011585	-0.023305	-0.011315	-0.025624	-0.026302	0.037233
	0.012796	0.019302	0.018002	-0.030288	0.017510	0.009868
	0.016910	0.058074	-0.004860	-0.020684	-0.016637	-0.001410
	-0.001372	0.026723	0.010886	0.024607	-0.019906	0.016617
	-0.002641					
y535	-0.004842	-0.010568	0.031097	0.002181	-0.004321	-0.037029
	0.053103	0.017333	-0.003133	0.012905	0.019416	-0.000410
	-0.027770	0.044557	-0.015537	-0.012608	-0.001107	0.001588
	0.054614	-0.034446	0.033413	-0.029566	0.028307	0.024340
	0.019418	-0.017106	0.047064	0.000900	-0.020714	0.017122
	0.011074					
z535	-0.008781	0.058520	-0.009912	0.039332	-0.001075	0.014835
	-0.008284	-0.029839	-0.030164	-0.022784	-0.019576	-0.009231
	-0.017963	0.007105	-0.034802	-0.027536	-0.025629	-0.028751
	0.008004	0.023015	-0.040054	0.001541	0.010501	0.033412
	-0.012103	0.012658	-0.001917	-0.000726	0.014675	0.005401
	-0.018076					
x536	-0.007720	-0.015481	-0.033566	0.000851	0.001307	0.021281
	-0.013821	-0.024568	-0.011465	-0.029357	-0.028669	0.041429
	0.013274	0.018320	0.017050	-0.028352	0.021571	0.005679
	0.020440	0.054312	-0.001786	-0.020639	-0.018615	0.000592
	-0.007875	0.021031	0.010746	0.018132	-0.022049	0.021050
	-0.000875					

y536	-0.009971	-0.010287	0.032341	-0.000196	-0.007993	-0.036371
	0.055804	0.018176	0.001975	0.009803	0.016715	0.004168
	-0.031734	0.052660	-0.021156	-0.010041	-0.005527	0.006786
	0.052201	-0.026232	0.039369	-0.033952	0.028930	0.022940
	0.012370	-0.010115	0.055984	0.007497	-0.014393	0.011275
	0.004836					
z536	-0.008514	0.060718	-0.010962	0.042094	0.001014	0.015753
	-0.010378	-0.034226	-0.032173	-0.017551	-0.020285	-0.013139
	-0.013194	-0.001562	-0.038370	-0.019568	-0.026832	-0.031336
	0.000447	0.021431	-0.043814	0.008637	0.007482	0.032608
	-0.010441	0.017195	-0.017936	-0.002298	0.006891	-0.003218
	-0.012263					
x537	-0.006248	-0.010987	-0.035363	0.003876	0.003898	0.020251
	-0.015399	-0.024371	-0.010330	-0.032445	-0.032107	0.043929
	0.014891	0.016665	0.017154	-0.024166	0.026084	0.003091
	0.022785	0.048121	0.001785	-0.019843	-0.022127	0.005022
	-0.009103	0.016948	0.010363	0.014379	-0.022761	0.025791
	-0.003582					
y537	-0.012440	-0.010149	0.033477	-0.003505	-0.010854	-0.035390
	0.057077	0.017881	0.007075	0.007997	0.017877	0.001982
	-0.033371	0.055002	-0.022717	-0.013508	-0.010168	0.006423
	0.049131	-0.021554	0.035882	-0.035299	0.028330	0.024568
	0.009442	-0.005584	0.062422	0.007988	-0.010142	0.003158
	-0.003339					
z537	-0.008755	0.059928	-0.011403	0.045356	0.002377	0.015255
	-0.014099	-0.038821	-0.037157	-0.011407	-0.022943	-0.012769
	-0.010985	-0.007251	-0.040599	-0.009915	-0.025114	-0.029827
	-0.007223	0.022375	-0.044702	0.013198	0.008580	0.024788
	-0.015607	0.018964	-0.029699	-0.003014	0.001295	-0.009145
	-0.000881					
x538	-0.004630	-0.007702	-0.037217	0.007290	0.005797	0.017701
	-0.017521	-0.025435	-0.010608	-0.034506	-0.037595	0.048186
	0.016227	0.015472	0.018203	-0.021196	0.030484	0.000201
	0.019092	0.043155	0.004873	-0.018268	-0.022337	0.001518
	-0.012669	0.018294	0.013070	0.010341	-0.024092	0.023117
	-0.004746					
y538	-0.014358	-0.009060	0.033924	-0.005723	-0.013542	-0.033396
	0.058130	0.017973	0.010930	0.006962	0.019130	-0.000987
	-0.034115	0.054292	-0.025178	-0.015473	-0.015581	0.005913
	0.045810	-0.018284	0.029770	-0.032339	0.025285	0.026597
	0.004486	-0.003973	0.060225	0.008868	-0.008402	-0.003492
	-0.004955					

z538	-0.008660	0.059755	-0.010944	0.047192	0.004520	0.016633
	-0.016888	-0.041611	-0.040687	-0.005750	-0.018987	-0.015489
	-0.006823	-0.011160	-0.036914	0.002962	-0.018469	-0.024338
	-0.004008	0.016496	-0.043007	0.012875	0.007293	0.028942
	-0.007195	0.011296	-0.039435	-0.004550	0.004611	-0.001501
	0.002231					
x539	-0.002867	-0.004274	-0.037914	0.010445	0.007206	0.016066
	-0.018318	-0.025919	-0.010706	-0.036366	-0.040666	0.050203
	0.019386	0.016114	0.020725	-0.017279	0.034718	0.001269
	0.015103	0.035111	0.007891	-0.017978	-0.022510	-0.001331
	-0.010893	0.018279	0.014721	0.008294	-0.024185	0.024747
	-0.006048					
y539	-0.015896	-0.007451	0.033104	-0.006969	-0.016171	-0.031462
	0.057946	0.017698	0.012914	0.007276	0.019755	-0.003567
	-0.033962	0.051460	-0.026645	-0.016543	-0.018222	0.004270
	0.042637	-0.014031	0.023632	-0.027524	0.020462	0.028181
	-0.000020	-0.003051	0.054230	0.007911	-0.007057	-0.010807
	-0.002565					
z539	-0.008160	0.057557	-0.010736	0.048971	0.006583	0.016189
	-0.021343	-0.043983	-0.044018	0.000275	-0.017892	-0.015812
	-0.005990	-0.017381	-0.032982	0.013517	-0.012689	-0.023330
	-0.001176	0.014615	-0.041275	0.014858	0.010020	0.028024
	-0.006705	0.005186	-0.040613	-0.012174	0.007061	-0.001204
	0.002506					
x540	-0.001506	-0.001550	-0.037349	0.012461	0.008911	0.014027
	-0.019934	-0.026425	-0.009557	-0.036803	-0.042121	0.050124
	0.021673	0.016151	0.023133	-0.016217	0.039984	0.004131
	0.012099	0.026769	0.012552	-0.019967	-0.022588	-0.001276
	-0.008680	0.014197	0.016657	0.003985	-0.024133	0.028069
	-0.007435					
y540	-0.016512	-0.004727	0.030973	-0.006697	-0.019378	-0.028956
	0.057936	0.017556	0.012318	0.007885	0.019308	-0.004686
	-0.032363	0.048294	-0.026841	-0.014936	-0.020487	0.001328
	0.039516	-0.011428	0.015882	-0.021687	0.016357	0.027838
	-0.003576	-0.001733	0.045228	0.008223	-0.006723	-0.018476
	0.001339					
z540	-0.006606	0.055274	-0.011165	0.051270	0.007376	0.016075
	-0.024288	-0.045991	-0.047960	0.003494	-0.017137	-0.014032
	-0.004105	-0.022734	-0.028358	0.027388	-0.011389	-0.023305
	-0.002230	0.012493	-0.042092	0.019344	0.015141	0.021654
	-0.006507	0.007433	-0.035378	-0.018062	0.007902	-0.004274
	0.003231					

x541	-0.000416	0.000752	-0.036391	0.013621	0.009912	0.011817
	-0.020997	-0.026696	-0.007073	-0.037570	-0.043705	0.047208
	0.022466	0.015473	0.026758	-0.015140	0.040685	0.005449
	0.008652	0.020296	0.012525	-0.023131	-0.020462	0.002042
	-0.004923	0.008744	0.020823	-0.002370	-0.028353	0.025894
	-0.010022					
y541	-0.016323	-0.001561	0.028196	-0.005423	-0.022484	-0.025500
	0.056585	0.016212	0.009287	0.009650	0.019606	-0.002772
	-0.028473	0.043949	-0.027556	-0.012348	-0.018218	-0.000105
	0.037431	-0.011551	0.011863	-0.014378	0.012161	0.024726
	-0.007640	-0.000145	0.034542	0.009821	-0.003394	-0.021102
	0.009196					
z541	-0.004687	0.053675	-0.010078	0.052715	0.008680	0.016083
	-0.027037	-0.047393	-0.050572	0.006048	-0.014637	-0.012458
	-0.001652	-0.028366	-0.022951	0.038371	-0.007321	-0.016851
	-0.000891	0.007423	-0.038744	0.022543	0.016322	0.017451
	-0.005226	0.008032	-0.030984	-0.020431	0.011530	0.001166
	0.002137					
x542	0.000385	0.003123	-0.034557	0.013884	0.009265	0.009130
	-0.020700	-0.027278	-0.003802	-0.037672	-0.044472	0.042838
	0.022417	0.012874	0.030003	-0.012182	0.037918	0.007104
	0.006369	0.013405	0.012593	-0.029178	-0.017383	0.011407
	-0.001053	-0.001091	0.026235	-0.005922	-0.031780	0.023113
	-0.010933					
y542	-0.015658	0.001642	0.024540	-0.003742	-0.024289	-0.021258
	0.053719	0.014330	0.005239	0.010893	0.019502	-0.000554
	-0.023728	0.040532	-0.028056	-0.011949	-0.013140	-0.002020
	0.034822	-0.010950	0.007389	-0.005329	0.008396	0.017988
	-0.010536	0.002820	0.024122	0.008048	-0.002118	-0.023198
	0.014646					
z542	-0.003105	0.050747	-0.008123	0.052614	0.011518	0.015255
	-0.030080	-0.047821	-0.050540	0.006335	-0.012133	-0.012667
	-0.002036	-0.031478	-0.018376	0.040925	-0.004054	-0.011535
	0.002570	0.004819	-0.035183	0.023955	0.018071	0.014573
	-0.001257	0.009264	-0.023089	-0.023127	0.008415	-0.000213
	-0.000858					
x543	0.000041	0.004378	-0.031403	0.013597	0.009841	0.007332
	-0.020577	-0.027999	-0.000374	-0.037464	-0.043311	0.036863
	0.021840	0.010842	0.030079	-0.013214	0.037505	0.012640
	0.006380	0.004155	0.017017	-0.037555	-0.011642	0.016871
	0.004960	-0.008100	0.031367	-0.004754	-0.031860	0.017249
	-0.012305					

y543	-0.013734	0.005858	0.019594	-0.002200	-0.027217	-0.017148
	0.051305	0.011268	0.000558	0.011903	0.018332	0.002365
	-0.018685	0.036057	-0.026875	-0.008121	-0.012355	-0.006462
	0.031404	-0.009884	-0.002484	0.004149	0.004992	0.015097
	-0.014852	0.003153	0.016195	0.004265	-0.003839	-0.022048
	0.020541					
z543	-0.001751	0.047515	-0.006543	0.051856	0.014114	0.014718
	-0.032439	-0.048712	-0.049428	0.003501	-0.009064	-0.011482
	-0.002245	-0.035694	-0.013195	0.044060	-0.007686	-0.010223
	0.004805	0.003141	-0.039056	0.025216	0.020103	0.017398
	0.001955	0.006340	-0.013834	-0.024174	0.003899	-0.004877
	-0.003762					
x544	-0.001966	0.003573	-0.028222	0.014512	0.009365	0.005776
	-0.018735	-0.027371	0.003114	-0.035892	-0.041086	0.028282
	0.025634	0.011605	0.025465	-0.013858	0.037600	0.015060
	0.007173	-0.000849	0.017804	-0.043282	-0.007737	0.011844
	0.003310	-0.010645	0.030961	-0.002546	-0.030383	0.008516
	-0.004713					
y544	-0.010660	0.011706	0.015093	-0.001928	-0.029262	-0.012543
	0.047280	0.006132	-0.003795	0.012087	0.017064	0.004472
	-0.017356	0.029351	-0.022926	-0.004539	-0.013911	-0.008016
	0.028546	-0.013830	-0.009855	0.011069	0.004093	0.021659
	-0.012557	0.000273	0.010897	0.003054	-0.005713	-0.017316
	0.020794					
z544	-0.001549	0.044731	-0.003888	0.049966	0.018619	0.013590
	-0.035644	-0.048746	-0.043845	-0.000347	-0.004899	-0.015557
	-0.006692	-0.039029	-0.005447	0.042958	-0.013827	-0.006901
	0.008087	-0.004081	-0.039622	0.025140	0.021517	0.027534
	0.003850	0.004684	-0.014103	-0.020078	-0.000242	0.000310
	-0.005921					
x545	-0.005476	0.003035	-0.024096	0.012660	0.008281	0.006053
	-0.015265	-0.024632	0.006794	-0.034482	-0.038119	0.022666
	0.029679	0.010079	0.024234	-0.008884	0.036371	0.017464
	0.008211	-0.006355	0.015513	-0.045555	-0.003954	0.016110
	0.000940	-0.016844	0.024448	0.013369	-0.021205	0.013942
	0.003139					
y545	-0.007407	0.016824	0.009527	0.000367	-0.031208	-0.010438
	0.042655	-0.000558	-0.009643	0.013197	0.014770	0.004364
	-0.013063	0.025115	-0.024081	-0.008770	-0.011590	-0.008330
	0.019145	-0.014788	-0.015913	0.017380	-0.002533	0.016638
	-0.015143	0.003944	0.011538	-0.012231	-0.016440	-0.030129
	0.019531					

z545	-0.004178	0.040484	-0.001656	0.049354	0.023780	0.009900
	-0.036830	-0.046789	-0.041677	-0.001144	-0.004980	-0.017590
	-0.005794	-0.039742	-0.001602	0.038281	-0.011940	0.000340
	0.004380	-0.005834	-0.042220	0.026526	0.015524	0.029485
	-0.004000	0.005239	-0.017995	-0.023063	-0.011009	-0.010259
	-0.004654					
x546	-0.009840	0.003621	-0.019496	0.009045	0.008075	0.004058
	-0.012230	-0.023639	0.009244	-0.030710	-0.036116	0.019321
	0.035535	0.003755	0.020377	-0.009771	0.038709	0.023156
	0.008279	-0.015420	0.013514	-0.053591	0.003728	0.027961
	0.003035	-0.023096	0.017178	0.025650	-0.020529	0.010317
	0.012339					
y546	-0.003509	0.021101	0.004392	0.003959	-0.034328	-0.007124
	0.040578	-0.004920	-0.013900	0.012232	0.013152	0.002317
	-0.010687	0.024641	-0.023266	-0.009026	-0.010961	-0.009535
	0.015048	-0.014217	-0.019186	0.026516	-0.013250	0.007349
	-0.017043	0.001373	0.012005	-0.012274	-0.013731	-0.025542
	0.015165					
z546	-0.006334	0.037349	0.001478	0.050705	0.027336	0.006155
	-0.034913	-0.041953	-0.038245	-0.001718	-0.002541	-0.018899
	-0.002512	-0.036245	0.003375	0.036108	-0.006999	0.008251
	0.004967	-0.004997	-0.038517	0.025900	0.001593	0.027247
	-0.007206	-0.001526	-0.021017	-0.012562	-0.005721	-0.004332
	-0.008345					
x547	-0.013698	0.003249	-0.014802	0.007785	0.007104	0.001525
	-0.010047	-0.023085	0.011869	-0.027050	-0.031128	0.012937
	0.046182	0.006725	0.014451	-0.011660	0.046060	0.026170
	0.005393	-0.018262	0.013065	-0.057553	0.004068	0.019738
	-0.000951	-0.023409	0.009989	0.025566	-0.013920	0.008050
	0.015237					
y547	0.000979	0.024896	0.000085	0.005814	-0.038143	-0.003519
	0.038215	-0.010306	-0.019540	0.011899	0.010542	0.005990
	-0.012915	0.016822	-0.025181	-0.009111	-0.014120	-0.015584
	0.012172	-0.022203	-0.023799	0.032756	-0.011720	0.010889
	-0.016449	-0.002679	0.009467	-0.003506	-0.020391	-0.026445
	0.022536					
z547	-0.007738	0.032967	0.005469	0.051039	0.030297	0.001881
	-0.032520	-0.037845	-0.036790	-0.001553	-0.001440	-0.014084
	-0.002486	-0.036906	0.002500	0.033875	-0.003878	0.006275
	0.006856	-0.011692	-0.034453	0.022233	0.001625	0.031191
	-0.009380	-0.008055	-0.024101	0.001475	-0.010193	-0.009331
	-0.002136					

x548	-0.017271	0.002786	-0.009697	0.006644	0.004215	-0.001522
	-0.007867	-0.022709	0.014158	-0.023565	-0.027704	0.007502
	0.054518	0.007919	0.010422	-0.013114	0.051338	0.027412
	0.006525	-0.021524	0.014065	-0.059561	0.004813	0.016180
	-0.000807	-0.024923	0.002732	0.031800	-0.008159	0.008054
	0.015696					
y548	0.005757	0.027853	-0.004572	0.007376	-0.039183	-0.000182
	0.035088	-0.016146	-0.022944	0.011573	0.009153	0.007245
	-0.013099	0.011990	-0.025837	-0.009965	-0.014397	-0.020329
	0.007204	-0.025793	-0.029593	0.038364	-0.013991	0.008962
	-0.016915	-0.008023	0.008819	-0.004983	-0.024508	-0.027854
	0.028800					
z548	-0.008949	0.027860	0.009279	0.051098	0.035092	-0.003130
	-0.030819	-0.034184	-0.033426	-0.001066	-0.000406	-0.011062
	0.000341	-0.036114	0.002452	0.031606	0.000879	0.006004
	0.007095	-0.015624	-0.031881	0.017134	-0.001381	0.031464
	-0.012582	-0.014925	-0.024776	0.006393	-0.013307	-0.014347
	0.002301					
x549	-0.020612	0.001658	-0.004383	0.004145	0.000549	-0.005645
	-0.007017	-0.024118	0.015886	-0.018869	-0.025834	0.004454
	0.061221	0.006526	0.007124	-0.015024	0.053272	0.024166
	0.005325	-0.026476	0.012499	-0.059571	0.006850	0.013439
	-0.003747	-0.028834	-0.003765	0.034760	-0.008219	0.003129
	0.021926					
y549	0.010928	0.029933	-0.009716	0.010731	-0.039853	0.003132
	0.032237	-0.018861	-0.023371	0.009315	0.008996	0.002406
	-0.010019	0.012160	-0.027105	-0.010590	-0.009572	-0.028566
	0.009981	-0.024945	-0.028930	0.041098	-0.017904	0.003911
	-0.008668	-0.011406	0.012779	-0.005816	-0.022126	-0.027616
	0.021354					
z549	-0.010036	0.021845	0.012809	0.051804	0.039974	-0.008562
	-0.028932	-0.028500	-0.028016	-0.001528	-0.000039	-0.011949
	0.005673	-0.032884	0.001736	0.029319	0.007353	0.002217
	0.011690	-0.016496	-0.024452	0.009665	-0.005181	0.028862
	-0.010283	-0.018851	-0.019937	0.008900	-0.014389	-0.020941
	-0.000670					
x550	-0.023242	0.000250	0.000852	0.001348	-0.003281	-0.010085
	-0.008200	-0.026184	0.018266	-0.016071	-0.023943	0.000598
	0.069224	0.006030	0.003532	-0.018414	0.053887	0.018895
	0.003829	-0.030128	0.007988	-0.058464	0.004526	0.007889
	-0.010463	-0.029136	-0.007503	0.030540	-0.008755	-0.004021
	0.025428					

y550	0.015854	0.030394	-0.013888	0.014049	-0.040222	0.006579
	0.031065	-0.021118	-0.024939	0.009988	0.008742	-0.001354
	-0.008199	0.012312	-0.026684	-0.007402	-0.004573	-0.039589
	0.016016	-0.024925	-0.023443	0.043226	-0.016320	-0.000358
	0.005699	-0.016173	0.014698	-0.002146	-0.017784	-0.025278
	0.015424					
z550	-0.010931	0.014957	0.016752	0.052040	0.044675	-0.013985
	-0.026039	-0.022727	-0.023454	-0.000532	-0.000430	-0.012318
	0.010729	-0.029599	0.001701	0.029707	0.012373	-0.002934
	0.017399	-0.017292	-0.015394	0.002570	-0.006920	0.026032
	-0.005539	-0.020252	-0.015376	0.010952	-0.014817	-0.026411
	-0.001333					
x551	-0.025190	-0.000588	0.006112	-0.000774	-0.008385	-0.015141
	-0.007186	-0.027393	0.020979	-0.013129	-0.023013	-0.006023
	0.075486	0.005206	0.004232	-0.018037	0.053516	0.012455
	0.007279	-0.033364	0.003028	-0.057636	-0.000876	0.007208
	-0.006919	-0.032983	-0.014339	0.029247	-0.005475	-0.003034
	0.025951					
y551	0.019740	0.029963	-0.017774	0.016483	-0.038468	0.007753
	0.024818	-0.025295	-0.026699	0.007800	0.002806	-0.001045
	-0.008393	0.009057	-0.027240	-0.008201	-0.006264	-0.040328
	0.011266	-0.022064	-0.018924	0.048435	-0.014348	-0.007171
	0.001376	-0.013996	0.017392	-0.005262	-0.018720	-0.026439
	0.017168					
z551	-0.012250	0.007456	0.020696	0.051330	0.050009	-0.020337
	-0.024762	-0.017043	-0.018784	-0.000804	-0.003816	-0.011386
	0.015710	-0.027416	0.002085	0.028761	0.014202	-0.004599
	0.019435	-0.015846	-0.006917	-0.003115	-0.009818	0.022373
	-0.007273	-0.017860	-0.009577	0.007460	-0.015948	-0.031538
	-0.000569					
x552	-0.025934	-0.003109	0.010986	-0.003255	-0.013377	-0.019673
	-0.008896	-0.030396	0.023204	-0.009958	-0.024936	-0.009989
	0.078991	0.003720	0.001852	-0.017050	0.050549	0.003497
	0.011087	-0.036989	0.001625	-0.056801	-0.001655	0.002120
	-0.006159	-0.031362	-0.011977	0.019221	-0.003481	-0.010509
	0.025076					
y552	0.024002	0.031404	-0.020724	0.018909	-0.036600	0.008344
	0.022244	-0.030391	-0.027689	0.004070	-0.001828	-0.004810
	-0.009371	0.006075	-0.020030	-0.008528	-0.009618	-0.027039
	0.005655	-0.018627	-0.020287	0.054530	-0.022396	-0.008827
	-0.000472	-0.012984	0.009979	-0.001214	-0.016392	-0.005762
	0.019419					

z552	-0.012879	0.001021	0.024809	0.049725	0.054795	-0.026346
	-0.022835	-0.012882	-0.014057	-0.001643	-0.008596	-0.011088
	0.019059	-0.026293	0.005259	0.028541	0.012468	0.002451
	0.018183	-0.014779	-0.002036	-0.007431	-0.015769	0.020923
	-0.010555	-0.011278	-0.006867	0.002358	-0.017607	-0.028391
	0.002786					
x553	-0.026426	-0.005154	0.015882	-0.005186	-0.021432	-0.024001
	-0.009454	-0.029864	0.024238	-0.008228	-0.028720	-0.012047
	0.079877	0.003625	0.003438	-0.021139	0.045177	-0.006706
	0.015325	-0.038304	-0.000341	-0.053609	-0.011844	-0.008837
	-0.001081	-0.031224	-0.016433	0.021512	0.007369	-0.010527
	0.024801					
y553	0.028842	0.029614	-0.022348	0.020801	-0.034103	0.007826
	0.019796	-0.034933	-0.029150	0.001418	-0.001247	-0.006229
	-0.003761	0.002662	-0.020096	-0.006359	-0.011949	-0.033762
	0.001534	-0.019615	-0.022617	0.052555	-0.017982	-0.009753
	-0.002181	-0.017047	-0.002890	-0.009948	-0.018152	-0.003528
	0.020057					
z553	-0.013126	-0.007011	0.029212	0.046944	0.056493	-0.031901
	-0.018950	-0.006203	-0.009992	-0.002636	-0.012514	-0.008277
	0.025573	-0.023536	0.007864	0.024988	0.011339	-0.004002
	0.018291	-0.013358	0.002691	-0.014133	-0.020357	0.014282
	-0.011273	-0.009771	-0.011901	-0.001167	-0.015038	-0.029118
	0.004220					
x554	-0.027234	-0.005442	0.020597	-0.008308	-0.030263	-0.027708
	-0.009165	-0.028913	0.026464	-0.003986	-0.031935	-0.015608
	0.079625	0.001144	0.007551	-0.026038	0.038112	-0.017750
	0.015953	-0.036951	-0.005651	-0.045680	-0.013806	-0.012099
	-0.000005	-0.027892	-0.016039	0.014960	0.017136	-0.010715
	0.025157					
y554	0.033358	0.026877	-0.024907	0.023541	-0.027331	0.008403
	0.017216	-0.033828	-0.030730	-0.000058	-0.001376	-0.005162
	-0.002045	0.004327	-0.019558	-0.005283	-0.008283	-0.041917
	0.003446	-0.018851	-0.017948	0.046548	-0.017262	-0.011097
	-0.001844	-0.019700	-0.003517	-0.012396	-0.015564	-0.006089
	0.016816					
z554	-0.014477	-0.015008	0.034268	0.040370	0.058860	-0.035214
	-0.014068	0.002515	-0.004332	-0.000491	-0.015294	-0.006427
	0.032233	-0.020081	0.010662	0.016780	0.011110	-0.009636
	0.018864	-0.010905	0.005841	-0.016079	-0.019908	0.014045
	-0.014614	-0.002939	-0.010032	-0.008527	-0.008651	-0.030338
	0.007995					

x555	-0.026838	-0.005146	0.023615	-0.009207	-0.036490	-0.029002
	-0.010733	-0.029948	0.028253	-0.001673	-0.032753	-0.017241
	0.077550	-0.002060	0.010566	-0.023054	0.031221	-0.019110
	0.017721	-0.035615	-0.010053	-0.035326	-0.012674	-0.011192
	0.002405	-0.018957	-0.010378	0.003557	0.020314	-0.005802
	0.027573					
y555	0.037933	0.026416	-0.025769	0.026684	-0.021045	0.006540
	0.019326	-0.032756	-0.030991	-0.002195	-0.001582	-0.005796
	-0.001178	0.005294	-0.016313	-0.005720	-0.009084	-0.052169
	0.003652	-0.022710	-0.014132	0.040825	-0.015047	-0.016434
	-0.003382	-0.018827	-0.006929	-0.011806	-0.007414	-0.003996
	0.014512					
z555	-0.015705	-0.021648	0.039285	0.032186	0.060269	-0.035244
	-0.009688	0.008901	0.001631	0.001310	-0.014210	-0.005241
	0.037525	-0.017607	0.011351	0.013272	0.011242	-0.009208
	0.018626	-0.012054	0.004309	-0.014937	-0.016875	0.018171
	-0.016743	0.009423	-0.006684	-0.016507	-0.004705	-0.026237
	0.014135					
x556	-0.025055	-0.003605	0.024612	-0.005734	-0.041811	-0.031175
	-0.011110	-0.028752	0.029394	-0.000624	-0.034420	-0.018019
	0.072947	-0.004210	0.014701	-0.018040	0.025480	-0.018995
	0.020161	-0.032042	-0.011925	-0.024712	-0.013826	-0.013524
	0.005186	-0.011760	-0.004420	-0.005017	0.022886	0.000573
	0.027850					
y556	0.040857	0.021739	-0.027486	0.029353	-0.013829	0.003986
	0.017938	-0.031942	-0.030693	-0.006492	-0.001653	-0.010692
	0.001493	0.007466	-0.015548	-0.003749	-0.008401	-0.054690
	-0.001779	-0.015556	-0.012656	0.040705	-0.011437	-0.024531
	0.000293	-0.015757	-0.012088	-0.019922	-0.007958	-0.008405
	0.018511					
z556	-0.016797	-0.027661	0.043955	0.023791	0.059865	-0.033943
	-0.004605	0.015399	0.007478	0.002602	-0.013331	-0.005660
	0.040577	-0.013659	0.011827	0.009652	0.012830	-0.006497
	0.017663	-0.013434	0.003795	-0.011374	-0.016000	0.020602
	-0.016836	0.020247	-0.001371	-0.020593	-0.001785	-0.020278
	0.018140					
x557	-0.022635	-0.000891	0.023743	0.000273	-0.045664	-0.034190
	-0.011270	-0.026349	0.030597	-0.001505	-0.036590	-0.017915
	0.066902	-0.007520	0.020248	-0.011130	0.020497	-0.019417
	0.024209	-0.026871	-0.014556	-0.016962	-0.014742	-0.011433
	0.009335	-0.009411	-0.001687	-0.011638	0.023146	0.005830
	0.026177					

y557	0.043844	0.017759	-0.027589	0.026276	-0.003761	0.003387
	0.015020	-0.029851	-0.028254	-0.010788	0.001797	-0.016270
	-0.000109	0.005885	-0.013751	-0.002797	-0.004276	-0.050256
	-0.000974	-0.012972	-0.008080	0.027578	-0.008140	-0.009583
	0.008306	-0.020521	-0.013927	-0.018715	-0.002587	-0.003263
	0.016411					
z557	-0.017925	-0.032931	0.048518	0.014586	0.057942	-0.031563
	0.000014	0.020656	0.013348	0.002658	-0.012266	-0.006967
	0.042674	-0.010181	0.012535	0.005779	0.014645	-0.003783
	0.017742	-0.015586	0.002492	-0.008645	-0.014888	0.024892
	-0.016411	0.027644	0.001895	-0.022584	0.001253	-0.013212
	0.021341					
x558	-0.019240	0.002427	0.021501	0.008801	-0.048415	-0.037593
	-0.009967	-0.024947	0.031254	-0.003768	-0.039414	-0.015834
	0.060700	-0.011067	0.026258	-0.004480	0.014659	-0.019443
	0.029198	-0.019371	-0.015715	-0.009338	-0.015872	-0.011515
	0.012382	-0.008044	0.002241	-0.015495	0.022715	0.009779
	0.021722					
y558	0.043709	0.012556	-0.026404	0.020622	0.006176	0.003512
	0.014330	-0.032934	-0.026968	-0.014777	-0.001903	-0.018397
	0.001823	0.002468	-0.010328	-0.004916	-0.008197	-0.037926
	-0.006440	-0.008856	-0.009121	0.018306	-0.003141	0.001130
	0.005843	-0.021445	-0.013036	-0.017862	0.001293	0.000322
	0.018297					
z558	-0.018441	-0.037580	0.053068	0.005284	0.054076	-0.028455
	0.005301	0.024544	0.018533	0.001108	-0.010543	-0.008304
	0.042872	-0.006473	0.012950	0.000648	0.016105	-0.000791
	0.017813	-0.017748	0.002613	-0.005424	-0.015617	0.028194
	-0.014612	0.032864	0.006628	-0.020917	0.002743	-0.008012
	0.021938					
x559	-0.014520	0.006333	0.017343	0.020816	-0.050574	-0.041749
	-0.007867	-0.022556	0.030578	-0.007507	-0.042050	-0.012609
	0.053642	-0.013521	0.029452	0.002676	0.010601	-0.020754
	0.032310	-0.009640	-0.015425	0.000236	-0.016928	-0.017283
	0.012731	-0.007670	0.005638	-0.017097	0.021202	0.012746
	0.016950					
y559	0.043638	0.006206	-0.024356	0.015897	0.013585	0.003498
	0.013772	-0.032837	-0.026386	-0.017066	-0.003191	-0.021362
	0.007627	0.003392	-0.012951	-0.012334	-0.006577	-0.034634
	-0.013585	-0.004868	-0.007722	0.011122	0.001214	0.000209
	-0.003799	-0.023254	-0.006830	-0.018087	0.002719	0.003229
	0.020635					

z559	-0.018308	-0.041704	0.057114	-0.003282	0.048233	-0.024663
	0.011253	0.027143	0.021900	-0.002067	-0.009735	-0.009558
	0.039763	-0.002472	0.012793	-0.003664	0.016871	0.002407
	0.017159	-0.018721	0.003536	-0.000210	-0.015701	0.028429
	-0.013921	0.036041	0.010639	-0.015405	0.002926	-0.003928
	0.022853					
x560	-0.008924	0.010827	0.012474	0.034245	-0.051874	-0.046511
	-0.004903	-0.019456	0.030240	-0.009981	-0.042458	-0.008494
	0.047337	-0.015410	0.032012	0.011486	0.007281	-0.024833
	0.035348	-0.000666	-0.017051	0.007923	-0.016862	-0.022429
	0.015372	-0.011135	0.005020	-0.016345	0.017458	0.015410
	0.010300					
y560	0.044669	-0.002385	-0.019788	0.007654	0.021860	0.007684
	0.010945	-0.031001	-0.023643	-0.014759	0.002958	-0.022351
	0.013075	0.010794	-0.016762	-0.019179	-0.005563	-0.033353
	-0.013365	-0.009386	-0.001707	0.000462	0.009735	-0.005001
	-0.006908	-0.018237	-0.001657	-0.012813	0.005168	0.003786
	0.014102					
z560	-0.017561	-0.044276	0.060540	-0.009684	0.040617	-0.020825
	0.017351	0.027857	0.023917	-0.007748	-0.010696	-0.009638
	0.034311	0.001381	0.011172	-0.006942	0.015725	0.006375
	0.013234	-0.018916	0.002235	0.006424	-0.014916	0.025594
	-0.015713	0.036152	0.013044	-0.007170	0.001068	-0.001710
	0.025874					
x561	-0.002816	0.015453	0.007047	0.047122	-0.051440	-0.051034
	-0.002287	-0.017701	0.028479	-0.013592	-0.042758	-0.003388
	0.040909	-0.018559	0.032053	0.019786	0.003691	-0.024512
	0.035894	0.009017	-0.019294	0.016228	-0.016825	-0.027080
	0.016293	-0.013911	0.005550	-0.012922	0.015199	0.018877
	0.002595					
y561	0.043129	-0.010509	-0.014364	-0.002761	0.027946	0.010548
	0.010390	-0.032130	-0.021982	-0.012736	0.005232	-0.023115
	0.017647	0.013978	-0.023700	-0.023242	-0.006727	-0.028996
	-0.020511	-0.008567	-0.000063	-0.006409	0.014385	-0.005076
	-0.013730	-0.012586	0.000778	-0.009671	-0.001748	0.001210
	0.013080					
z561	-0.015383	-0.045771	0.062984	-0.013350	0.031483	-0.016096
	0.023725	0.028585	0.024654	-0.014519	-0.012201	-0.009733
	0.027216	0.008900	0.009087	-0.010783	0.014244	0.006471
	0.011283	-0.018110	0.003607	0.014554	-0.012285	0.016111
	-0.019141	0.032476	0.016133	0.004363	-0.000880	-0.001639
	0.026050					

x562	0.003613	0.018383	0.002890	0.057191	-0.048998	-0.054447
	-0.000451	-0.016947	0.025883	-0.017380	-0.041705	-0.000046
	0.035070	-0.021799	0.030794	0.024200	0.000277	-0.020630
	0.032748	0.017777	-0.018859	0.022689	-0.016041	-0.030170
	0.015194	-0.018493	0.007122	-0.009298	0.018075	0.024664
	-0.005312					
y562	0.040413	-0.018591	-0.007884	-0.013291	0.033121	0.013687
	0.010738	-0.035158	-0.020492	-0.011083	0.004114	-0.024930
	0.020257	0.015531	-0.030261	-0.032121	-0.006588	-0.021600
	-0.030133	-0.004980	0.003458	-0.011579	0.017731	-0.002368
	-0.025481	-0.008019	0.002168	-0.007476	-0.006412	-0.001641
	0.015968					
z562	-0.012275	-0.045258	0.063348	-0.013563	0.020966	-0.011326
	0.030723	0.029168	0.024296	-0.023031	-0.014078	-0.009553
	0.019035	0.018181	0.006294	-0.012292	0.014091	0.004243
	0.011534	-0.015412	0.006513	0.024957	-0.010071	0.001987
	-0.024239	0.025676	0.018735	0.017514	-0.006209	-0.001363
	0.023568					
x563	0.013923	0.010077	0.005382	0.054384	-0.041901	-0.045222
	0.006444	-0.017854	0.024038	-0.017438	-0.037300	-0.000552
	0.022845	-0.015084	0.019764	0.016226	-0.021473	-0.017783
	0.014714	0.022608	-0.012322	0.016095	-0.014447	-0.024467
	0.011914	-0.025994	0.004637	-0.013345	0.006093	0.012018
	-0.024201					
y563	0.037165	-0.028578	-0.000066	-0.026432	0.041324	0.017157
	0.009075	-0.035128	-0.012501	-0.007171	0.009561	-0.022679
	0.025129	0.019966	-0.031618	-0.034051	-0.001581	-0.008044
	-0.026780	0.003400	0.009293	-0.015553	0.008511	-0.006147
	-0.008598	-0.008668	0.015693	0.003001	0.010169	0.002878
	0.017467					
z563	-0.006224	-0.042818	0.057863	-0.008010	0.000915	-0.005020
	0.042949	0.027722	0.019767	-0.032724	-0.021689	-0.000432
	0.004870	0.024476	0.010949	-0.009325	0.007451	-0.001000
	0.008212	-0.010016	-0.007564	0.036287	-0.014720	0.001181
	-0.016701	0.003536	-0.002296	0.012569	0.005746	0.007846
	0.004741					
x564	0.023001	-0.000655	0.008391	0.045969	-0.031594	-0.035966
	0.009603	-0.019929	0.021854	-0.018992	-0.026550	-0.003528
	0.018347	-0.010026	0.008374	0.009860	-0.034963	-0.011061
	-0.003123	0.017211	-0.010218	0.009056	-0.013618	-0.016233
	0.007438	-0.031127	0.002331	-0.022135	0.006153	0.007338
	-0.036692					

y564	0.032803	-0.031146	0.001954	-0.031088	0.040440	0.018347
	0.008456	-0.034073	-0.003871	-0.007219	0.006228	-0.019401
	0.028018	0.021107	-0.030201	-0.031855	0.006651	-0.002875
	-0.023086	0.009821	0.010752	-0.016492	0.003733	-0.009028
	-0.000281	-0.007867	0.022842	0.002602	0.014566	-0.002453
	0.015086					
z564	-0.001155	-0.038452	0.049500	-0.000504	-0.016581	0.001682
	0.050522	0.026523	0.016529	-0.038833	-0.028329	0.008048
	-0.008055	0.030155	0.014518	-0.008324	-0.000795	-0.003597
	0.007844	-0.003874	-0.014885	0.040504	-0.014355	0.001608
	-0.009792	-0.014306	-0.021537	0.009030	0.009236	0.012765
	-0.012662					
x565	0.030688	-0.008403	0.010354	0.037596	-0.022530	-0.027550
	0.012250	-0.024367	0.018025	-0.020717	-0.018285	-0.005258
	0.012914	-0.008434	-0.000035	0.005751	-0.044982	-0.007038
	-0.016114	0.012605	-0.011523	0.005021	-0.013255	-0.009096
	0.001543	-0.034891	0.001200	-0.027951	0.010298	0.005657
	-0.040594					
y565	0.028372	-0.029985	0.002598	-0.031460	0.033612	0.018603
	0.009893	-0.031903	0.001081	-0.007675	-0.001859	-0.015027
	0.024134	0.020757	-0.026096	-0.030016	0.009482	-0.003887
	-0.018008	0.015316	0.009775	-0.014702	0.003526	-0.011408
	0.005473	-0.006005	0.021313	-0.000467	0.016795	-0.006942
	0.014953					
z565	0.003087	-0.035879	0.041615	0.006744	-0.028829	0.007307
	0.052820	0.026575	0.014249	-0.040877	-0.031214	0.014219
	-0.016901	0.034603	0.015236	-0.007966	-0.006347	-0.003206
	0.008102	0.001974	-0.017850	0.039241	-0.010317	0.003108
	-0.002903	-0.026480	-0.032380	0.008719	0.009839	0.014334
	-0.025539					
x566	0.037050	-0.014167	0.010988	0.029229	-0.013780	-0.019771
	0.014483	-0.028880	0.018663	-0.022264	-0.009554	-0.006804
	0.010375	-0.004662	-0.005604	0.001477	-0.046415	-0.002976
	-0.024817	0.009089	-0.008807	0.005010	-0.017410	-0.003047
	0.003056	-0.032004	0.002159	-0.033378	0.017232	0.015530
	-0.046166					
y566	0.024124	-0.028457	0.003666	-0.030562	0.025320	0.018660
	0.012107	-0.027838	0.006232	-0.007718	-0.008741	-0.011400
	0.018950	0.023672	-0.020917	-0.028924	0.012625	-0.005818
	-0.011235	0.018920	0.010863	-0.010810	0.003605	-0.013341
	0.014130	0.000322	0.015447	-0.005116	0.018474	-0.002258
	0.011045					

z566	0.006091	-0.034513	0.034572	0.013786	-0.036832	0.011481
	0.051019	0.026603	0.010799	-0.040076	-0.031942	0.018568
	-0.022975	0.034137	0.014682	-0.007340	-0.011091	-0.001814
	0.008760	0.006871	-0.021178	0.032510	-0.003421	0.005046
	-0.002306	-0.037809	-0.038953	0.007855	0.008196	0.007354
	-0.027115					
x567	0.041614	-0.017981	0.008298	0.022909	-0.006849	-0.014516
	0.017239	-0.032030	0.018519	-0.022623	-0.005842	-0.007368
	0.004426	-0.005381	-0.009405	0.001331	-0.046335	-0.001693
	-0.032909	0.006766	-0.006091	0.003125	-0.022381	0.003522
	0.008375	-0.034695	-0.000385	-0.027018	0.022842	0.017850
	-0.041004					
y567	0.019405	-0.026826	0.004237	-0.028206	0.015599	0.017049
	0.015080	-0.021850	0.008559	-0.006757	-0.016492	-0.008745
	0.011230	0.025838	-0.015164	-0.025750	0.014010	-0.009586
	-0.003829	0.021153	0.010864	-0.009171	0.005150	-0.014231
	0.021557	0.002368	0.003320	-0.005796	0.017280	0.000883
	0.012643					
z567	0.009255	-0.034410	0.029244	0.019994	-0.041038	0.015540
	0.045468	0.026446	0.008406	-0.037540	-0.029206	0.020578
	-0.026272	0.032873	0.013375	-0.007161	-0.012624	0.002544
	0.011943	0.008183	-0.021883	0.024536	0.005447	0.007394
	-0.001909	-0.042437	-0.037792	0.005790	0.008104	0.004880
	-0.026533					
x568	0.044749	-0.019078	0.005355	0.016200	-0.002517	-0.010040
	0.018832	-0.039299	0.018743	-0.020967	-0.006640	-0.006057
	-0.002097	-0.010993	-0.009125	-0.002066	-0.047254	-0.001757
	-0.039252	0.000575	-0.004319	0.000948	-0.024181	0.006648
	0.009121	-0.030769	-0.002504	-0.018037	0.024548	0.014953
	-0.025048					
y568	0.014512	-0.025010	0.005328	-0.025847	0.004744	0.014474
	0.017412	-0.016228	0.008528	-0.004604	-0.023646	-0.007038
	0.003352	0.028037	-0.007686	-0.023911	0.014177	-0.013346
	0.005841	0.019544	0.010529	-0.009283	0.009082	-0.016924
	0.024348	0.004826	-0.012248	-0.007010	0.014329	0.004839
	0.018842					
z568	0.011561	-0.035881	0.024188	0.026114	-0.040854	0.018553
	0.037412	0.026963	0.006053	-0.033727	-0.023262	0.020290
	-0.025547	0.029691	0.010259	-0.004855	-0.009158	0.009145
	0.016830	0.011405	-0.020187	0.015075	0.012779	0.011858
	0.000153	-0.046754	-0.029563	0.003854	0.008626	0.002682
	-0.025069					

x569	0.048216	-0.020006	0.000852	0.011442	0.002039	-0.006148
	0.016582	-0.038306	0.019783	-0.019005	-0.003007	-0.007401
	-0.009663	-0.009039	-0.008596	-0.001922	-0.041922	-0.007082
	-0.034658	-0.005951	0.003301	-0.002917	-0.022245	0.011891
	0.018977	-0.022770	-0.001732	-0.003355	0.029455	0.015850
	-0.021383					
y569	0.009536	-0.023924	0.006241	-0.023212	-0.005955	0.010643
	0.018148	-0.008660	0.005795	-0.001893	-0.027531	-0.007537
	-0.003526	0.031747	0.000417	-0.021775	0.015146	-0.016902
	0.018993	0.015216	0.010523	-0.011414	0.015399	-0.020756
	0.025752	0.006560	-0.029778	-0.007729	0.012059	0.010759
	0.026714					
z569	0.012575	-0.037110	0.019202	0.031978	-0.037795	0.020561
	0.026933	0.024480	0.003749	-0.028312	-0.017441	0.018379
	-0.021729	0.019215	0.006671	-0.000149	-0.003242	0.019823
	0.017941	0.014245	-0.021224	0.003194	0.019318	0.017361
	0.000704	-0.050926	-0.019435	0.003899	0.007840	-0.003171
	-0.008786					
x570	0.050373	-0.021192	-0.003299	0.006941	0.003148	-0.002499
	0.012778	-0.043027	0.021140	-0.016347	-0.006997	-0.009860
	-0.019720	-0.009787	-0.009274	-0.001855	-0.043326	-0.008565
	-0.030090	-0.006102	0.004871	-0.008148	-0.007568	0.017993
	0.016022	-0.008072	0.001383	0.001876	0.033846	0.003232
	-0.004065					
y570	0.003664	-0.023590	0.007057	-0.020196	-0.015734	0.004637
	0.016529	0.000863	0.000475	0.001764	-0.026850	-0.010249
	-0.006292	0.033176	0.009044	-0.019203	0.018167	-0.019548
	0.034040	0.009566	0.008065	-0.014744	0.021873	-0.025747
	0.024804	0.008549	-0.046449	-0.004931	0.009427	0.018674
	0.039142					
z570	0.012451	-0.037745	0.013505	0.037640	-0.029714	0.020937
	0.012890	0.023809	0.001481	-0.020402	-0.008256	0.015457
	-0.013825	0.006203	0.001843	0.004375	0.008019	0.028874
	0.019954	0.015342	-0.019688	-0.010955	0.023450	0.023922
	0.005960	-0.052236	-0.000574	0.009795	0.004379	-0.011980
	0.003656					
x571	0.050238	-0.022106	-0.009476	0.004390	0.005744	-0.000799
	0.005595	-0.039348	0.021695	-0.016733	-0.007748	-0.018773
	-0.025393	-0.003385	-0.007640	-0.001482	-0.038934	-0.003965
	-0.020617	-0.003031	0.005693	-0.013534	-0.004620	0.019481
	0.022480	0.010368	-0.005496	0.012750	0.035921	0.004169
	0.012514					

y571	-0.004234	-0.023627	0.008734	-0.015930	-0.023944	-0.003154
	0.011817	0.010926	-0.005641	0.007091	-0.022904	-0.011501
	-0.000915	0.024971	0.012560	-0.018135	0.025059	-0.022193
	0.047627	0.005691	-0.000965	-0.014530	0.026143	-0.025265
	0.015056	0.011531	-0.051954	0.004319	0.001748	0.028957
	0.053965					
z571	0.012167	-0.036918	0.006723	0.042457	-0.019147	0.021163
	-0.004014	0.019866	-0.000010	-0.009135	0.001371	0.011580
	-0.004769	-0.010642	-0.005739	0.010766	0.019965	0.036601
	0.021069	0.011665	-0.014917	-0.029437	0.029764	0.032658
	0.008138	-0.049385	0.025149	0.010075	-0.001479	-0.030125
	0.013691					
x572	0.047713	-0.020622	-0.008563	0.002859	0.009382	0.001196
	0.002020	-0.033372	0.019506	-0.008983	-0.010495	-0.018289
	-0.026730	-0.003327	0.001546	0.001541	-0.030162	0.001966
	-0.009182	-0.006715	0.004246	-0.014597	-0.006921	0.011232
	0.030926	0.016107	-0.009080	0.014842	0.035228	0.006803
	0.013823					
y572	-0.013091	-0.020953	0.013568	-0.011849	-0.025403	-0.004353
	0.007325	0.017501	-0.013635	0.011092	-0.021764	-0.004327
	0.000204	0.014170	0.007153	-0.007496	0.027080	-0.019482
	0.041752	0.001944	-0.002050	-0.024274	0.026102	-0.026825
	0.013894	-0.011599	-0.034866	-0.008749	-0.010416	0.014979
	0.036451					
z572	0.008918	-0.029962	0.003500	0.040318	-0.005690	0.018970
	-0.016224	0.016021	-0.004455	0.003135	0.004803	0.009007
	0.007855	-0.025937	-0.001081	0.008543	0.034860	0.033253
	0.018649	0.005574	-0.011791	-0.036538	0.040494	0.020493
	0.004077	-0.040547	0.023838	0.005732	-0.015381	-0.017118
	0.015646					
x573	0.042567	-0.020500	-0.006725	0.003204	0.013172	0.003096
	-0.003317	-0.026046	0.015440	-0.001763	-0.015562	-0.014315
	-0.027919	-0.010072	0.000401	0.003005	-0.021474	0.009295
	-0.000661	-0.010225	0.001814	-0.014165	-0.004206	0.009859
	0.028938	0.012293	-0.005080	0.012985	0.029316	0.001428
	0.016383					
y573	-0.021521	-0.016996	0.017342	-0.008258	-0.025923	-0.005297
	0.002376	0.023342	-0.018944	0.016135	-0.016495	-0.001049
	0.005327	0.003726	0.003328	0.000960	0.029101	-0.016946
	0.035953	-0.000056	-0.003411	-0.032809	0.020172	-0.028829
	0.015434	-0.024666	-0.019010	-0.013952	-0.021697	0.013996
	0.020654					

z573	0.005891	-0.022250	0.000095	0.037104	0.005883	0.016860
	-0.026376	0.011011	-0.006152	0.011442	0.008720	0.004166
	0.019192	-0.035385	0.002648	0.005222	0.044398	0.027387
	0.015509	-0.000016	-0.008941	-0.043451	0.046758	0.007818
	0.001361	-0.028468	0.019900	0.000919	-0.027123	-0.005695
	0.014252					
x574	0.036342	-0.019187	-0.004372	0.004840	0.016753	0.005010
	-0.007276	-0.017600	0.011157	0.007561	-0.016589	-0.011966
	-0.023974	-0.014651	-0.003620	0.004906	-0.014146	0.015836
	0.006382	-0.008673	0.003215	-0.014831	-0.006873	0.005080
	0.027222	0.009327	-0.000581	0.012758	0.021252	-0.000125
	0.017805					
y574	-0.029073	-0.013698	0.018833	-0.005765	-0.027112	-0.007056
	-0.004727	0.026617	-0.023164	0.017395	-0.013476	0.000983
	0.009604	-0.009492	0.000345	0.006675	0.030145	-0.015114
	0.030794	-0.005414	-0.009432	-0.036978	0.017977	-0.027207
	0.013235	-0.031236	-0.005245	-0.017699	-0.031558	0.016907
	0.009173					
z574	0.002816	-0.014566	-0.002664	0.033164	0.015672	0.015198
	-0.034522	0.006020	-0.004398	0.015540	0.012314	-0.001882
	0.028494	-0.040805	0.005631	0.002198	0.048736	0.021579
	0.014039	-0.004757	-0.007404	-0.048863	0.049348	-0.000748
	-0.000902	-0.016927	0.016297	-0.003356	-0.034728	0.001051
	0.012020					
x575	0.029051	-0.018031	-0.002052	0.005568	0.020650	0.005481
	-0.012399	-0.009922	0.006858	0.015653	-0.016786	-0.009300
	-0.023159	-0.022005	-0.011401	0.008390	-0.007199	0.020198
	0.012627	-0.009518	0.000844	-0.014635	-0.008510	-0.000543
	0.019962	0.003748	0.000358	0.013843	0.016034	0.004155
	0.011425					
y575	-0.035372	-0.009732	0.019488	-0.002435	-0.029999	-0.007710
	-0.010404	0.028895	-0.025456	0.017271	-0.010075	-0.000594
	0.019414	-0.017833	-0.000185	0.008569	0.028237	-0.012967
	0.024239	-0.005496	-0.010291	-0.039081	0.014830	-0.024465
	0.016265	-0.029549	0.010191	-0.023111	-0.042966	0.017048
	0.008610					
z575	-0.000227	-0.006708	-0.004350	0.029335	0.023787	0.014234
	-0.040366	0.001617	0.000589	0.016823	0.015626	-0.009224
	0.035876	-0.042646	0.008078	-0.001232	0.048064	0.015641
	0.011658	-0.006357	-0.005338	-0.050843	0.048533	-0.006806
	-0.001618	-0.006698	0.014326	-0.006802	-0.037851	0.006631
	0.010208					

x576	0.020848	-0.016081	-0.000125	0.006314	0.023489	0.005812
	-0.017103	-0.003643	0.002975	0.024012	-0.016938	-0.007931
	-0.017336	-0.027466	-0.019836	0.011022	-0.003119	0.025838
	0.016551	-0.010146	-0.002898	-0.016309	-0.010734	-0.006205
	0.020273	0.005391	0.004078	0.010718	0.003005	0.008482
	0.005629					
y576	-0.040109	-0.006782	0.020292	0.000202	-0.032473	-0.008566
	-0.014987	0.032387	-0.027203	0.014503	-0.005879	-0.002363
	0.023566	-0.024906	0.001191	0.011401	0.027896	-0.013939
	0.019108	-0.002855	-0.010956	-0.034222	0.012269	-0.020131
	0.008441	-0.035074	0.017751	-0.023875	-0.043454	0.018141
	0.005425					
z576	-0.002989	0.001369	-0.004946	0.025642	0.031001	0.013724
	-0.044082	-0.001935	0.007732	0.015834	0.018102	-0.017247
	0.041002	-0.041290	0.011036	-0.004222	0.043510	0.010445
	0.011371	-0.005594	-0.003853	-0.049995	0.044247	-0.009959
	-0.000038	0.001785	0.010365	-0.007507	-0.039468	0.011173
	0.006622					
x577	0.011611	-0.014141	0.001399	0.006898	0.024543	0.006075
	-0.019569	0.004335	-0.000394	0.030804	-0.017784	-0.007858
	-0.010841	-0.031371	-0.028347	0.014474	0.000374	0.030077
	0.020668	-0.008586	-0.007609	-0.017398	-0.013529	-0.010815
	0.021634	0.006317	0.009674	0.008292	-0.008819	0.012368
	-0.001364					
y577	-0.042982	-0.002573	0.022345	0.002415	-0.033883	-0.009202
	-0.022898	0.030647	-0.025801	0.012498	0.001372	-0.004277
	0.028374	-0.030727	0.000192	0.013226	0.021922	-0.013682
	0.009240	-0.002239	-0.009298	-0.026491	0.010426	-0.015030
	-0.001005	-0.035660	0.015159	-0.025819	-0.046861	0.021281
	0.002885					
z577	-0.005453	0.009712	-0.004635	0.022163	0.037189	0.014257
	-0.045945	-0.004847	0.017204	0.012281	0.020818	-0.025860
	0.044011	-0.037229	0.012999	-0.006054	0.034002	0.004745
	0.011260	-0.003359	-0.002084	-0.046524	0.037279	-0.009969
	0.002237	0.007470	0.003537	-0.006518	-0.035612	0.016152
	0.003184					
x578	0.001700	-0.012003	0.002792	0.006913	0.023797	0.006304
	-0.021092	0.013045	-0.002615	0.036722	-0.019643	-0.008940
	-0.002153	-0.033590	-0.037739	0.018526	0.001661	0.033546
	0.022312	-0.006611	-0.013039	-0.018160	-0.016388	-0.014214
	0.021903	0.009256	0.012904	0.004886	-0.022718	0.016600
	-0.008777					

y578	-0.045056	0.001465	0.026954	0.003994	-0.032628	-0.009329
	-0.030061	0.028754	-0.020156	0.008751	0.014323	-0.002987
	0.026883	-0.033751	0.001820	0.010742	0.016440	-0.016732
	0.004836	0.005871	-0.006783	-0.015352	0.006524	-0.006532
	-0.006283	-0.041736	0.015411	-0.021940	-0.045209	0.021406
	-0.004905					
z578	-0.007842	0.017791	-0.004054	0.018870	0.042395	0.015245
	-0.045712	-0.006378	0.028703	0.005395	0.022629	-0.035294
	0.044663	-0.031910	0.014304	-0.007796	0.019399	-0.001146
	0.011202	0.001090	-0.000015	-0.040830	0.027355	-0.006285
	0.005620	0.010084	-0.002765	-0.004214	-0.027243	0.020313
	-0.002144					
x579	-0.008813	-0.009571	0.005139	0.006266	0.021459	0.007392
	-0.022030	0.022280	-0.002034	0.039722	-0.021967	-0.010102
	0.007713	-0.031665	-0.047096	0.020962	0.000340	0.035675
	0.022485	-0.002758	-0.019102	-0.018267	-0.019546	-0.014467
	0.021603	0.012880	0.013394	0.002126	-0.037216	0.022378
	-0.014168					
y579	-0.044301	0.006756	0.031645	0.006441	-0.030335	-0.010624
	-0.036666	0.023724	-0.009399	0.000749	0.028258	-0.004956
	0.025151	-0.037937	0.008730	0.011028	0.009870	-0.019401
	-0.002096	0.011002	-0.001002	-0.003244	-0.003562	0.005338
	-0.014387	-0.043043	0.010652	-0.007765	-0.024160	0.028095
	-0.000991					
z579	-0.010329	0.025162	-0.003057	0.015722	0.046718	0.015962
	-0.043619	-0.006389	0.041665	-0.002976	0.024532	-0.044448
	0.041455	-0.024727	0.014129	-0.007644	-0.000221	-0.007785
	0.011623	0.007021	0.001110	-0.031183	0.014059	-0.001779
	0.009447	0.009583	-0.005675	-0.000102	-0.016775	0.021934
	-0.003216					
x580	-0.019045	-0.006230	0.008896	0.006118	0.018228	0.011364
	-0.023560	0.030654	0.002735	0.035583	-0.021930	-0.009653
	0.017909	-0.024201	-0.051477	0.017102	-0.004930	0.031864
	0.020568	0.005560	-0.025186	-0.016890	-0.016934	-0.006773
	0.017308	0.014361	0.010285	-0.000113	-0.041042	0.031651
	-0.018951					
y580	-0.041111	0.009501	0.033290	0.008397	-0.027148	-0.011800
	-0.040073	0.018494	-0.004314	-0.004519	0.040108	-0.005088
	0.019940	-0.035877	0.020914	0.011298	-0.002745	-0.027967
	-0.003654	0.013956	0.007699	0.010937	-0.000184	0.010588
	-0.021310	-0.043713	0.009233	0.000406	-0.011600	0.020682
	0.010102					

z580	-0.013250	0.032112	-0.001583	0.011437	0.049662	0.015922
	-0.039097	-0.003734	0.055480	-0.010485	0.026440	-0.054954
	0.033662	-0.019891	0.008125	-0.001198	-0.024745	-0.012882
	0.009886	0.016920	0.000244	-0.017238	-0.007999	0.000784
	0.016040	0.008580	-0.002442	0.008483	0.003215	0.027725
	-0.011920					
x581	-0.026666	-0.002779	0.014012	0.011459	0.015559	0.014838
	-0.024367	0.034920	0.007767	0.025837	-0.007556	-0.008811
	0.012456	-0.026091	-0.040749	0.014020	-0.006431	0.037679
	0.018404	0.001408	-0.023112	-0.007375	-0.006384	-0.006848
	0.004361	-0.009274	0.015296	0.005506	-0.029224	0.013942
	-0.008934					
y581	-0.035029	0.009620	0.031877	0.006926	-0.022868	-0.015623
	-0.036581	0.014333	-0.000051	-0.008738	0.045973	-0.005186
	0.015408	-0.034731	0.023737	0.010763	-0.005297	-0.033660
	-0.008742	0.015525	0.009907	0.012594	0.002509	0.024324
	-0.024998	-0.036452	0.006210	-0.002006	0.015008	0.023702
	0.007632					
z581	-0.015175	0.031920	-0.003674	0.005247	0.050313	0.016274
	-0.024211	0.002163	0.067716	-0.010089	0.015551	-0.058467
	0.023170	-0.010542	0.004924	-0.002535	-0.017934	-0.002043
	0.004731	0.020161	-0.004331	-0.018474	-0.004871	0.001547
	0.023687	-0.010208	-0.002930	0.008680	0.006845	0.021006
	-0.003871					
x582	-0.032902	0.001203	0.018524	0.015310	0.014162	0.018094
	-0.026462	0.037160	0.012855	0.014585	0.004193	-0.005895
	0.008868	-0.019210	-0.025819	0.010181	-0.010636	0.039060
	0.013947	0.000050	-0.023152	0.000712	0.005087	-0.003167
	-0.006724	-0.028679	0.018410	0.010079	-0.017406	0.004908
	0.006238					
y582	-0.029497	0.007056	0.027080	0.003095	-0.017056	-0.021388
	-0.032266	0.013882	-0.000672	-0.007814	0.042582	-0.003091
	0.013313	-0.026020	0.022604	0.013773	-0.012755	-0.038860
	-0.009898	0.017189	0.006731	0.018234	-0.000696	0.027437
	-0.024735	-0.025838	0.009850	-0.003880	0.022258	0.026594
	0.011587					
z582	-0.016858	0.031032	-0.006035	-0.000978	0.048056	0.014671
	-0.009334	0.006976	0.076543	-0.008862	0.006188	-0.061187
	0.011898	-0.005949	0.000098	-0.002028	-0.006990	0.010714
	-0.000157	0.021577	-0.007039	-0.023119	-0.003168	0.003765
	0.033375	-0.022192	-0.005911	0.009308	0.008919	0.014238
	-0.001846					

x583	-0.035790	0.003616	0.022603	0.018518	0.010702	0.021422
	-0.025305	0.038065	0.017471	0.005700	0.011369	-0.004384
	0.004882	-0.010555	-0.013198	0.005322	-0.009730	0.044473
	0.004187	0.002658	-0.022515	0.008832	0.015765	-0.000675
	-0.012534	-0.038931	0.020379	0.010855	-0.004419	-0.004228
	0.023319					
y583	-0.022010	0.003298	0.022380	0.000673	-0.014329	-0.026340
	-0.025542	0.012446	-0.002071	-0.005251	0.037671	-0.003283
	0.008748	-0.019371	0.016874	0.015158	-0.012594	-0.035869
	-0.012754	0.020634	0.002886	0.022204	-0.005229	0.027415
	-0.018709	-0.012783	0.013654	-0.005097	0.024300	0.023105
	0.019469					
z583	-0.019821	0.030391	-0.009009	-0.007275	0.046380	0.010934
	0.002833	0.013078	0.081421	-0.005142	-0.002207	-0.062006
	0.003507	-0.000986	-0.002831	0.000681	0.000099	0.017628
	-0.002781	0.021780	-0.009760	-0.026405	-0.002551	0.003068
	0.037391	-0.030803	-0.007913	0.010065	0.009633	0.010306
	-0.004726					
x584	-0.038035	0.003916	0.025662	0.020081	0.009800	0.022737
	-0.022932	0.040989	0.022299	0.001192	0.014740	-0.003848
	0.005537	-0.000923	0.002304	0.004380	-0.004621	0.046638
	-0.004157	0.007636	-0.022470	0.014510	0.026281	0.004349
	-0.010855	-0.043458	0.019862	0.007110	-0.003393	-0.012834
	0.033245					
y584	-0.016605	-0.001667	0.017329	-0.000831	-0.009055	-0.031886
	-0.019619	0.014047	-0.002997	-0.001321	0.031053	-0.003496
	0.007937	-0.012477	0.013638	0.018585	-0.008645	-0.035849
	-0.010623	0.025234	0.000290	0.023506	-0.010827	0.027829
	-0.010364	-0.000724	0.014956	-0.006360	0.017669	0.019600
	0.019016					
z584	-0.021433	0.031116	-0.011867	-0.013484	0.042340	0.006676
	0.013896	0.015948	0.082921	-0.001193	-0.008256	-0.062605
	-0.004519	0.001861	-0.007597	0.003785	0.005202	0.023470
	-0.007412	0.017463	-0.013984	-0.029854	-0.000907	0.001904
	0.036499	-0.035714	-0.011982	0.011503	0.011277	0.007591
	-0.002035					
x585	-0.038043	0.002405	0.026719	0.017257	0.009931	0.022933
	-0.019459	0.042770	0.024237	-0.002112	0.015898	-0.005262
	0.008352	0.006762	0.014863	0.003223	-0.000382	0.047605
	-0.012332	0.009043	-0.022394	0.015520	0.038134	0.007628
	-0.009767	-0.042546	0.025450	0.002432	-0.001214	-0.026383
	0.038315					

y585	-0.011504	-0.006120	0.010696	-0.003442	-0.004734	-0.036599
	-0.013190	0.013519	-0.006361	0.000361	0.025227	-0.004337
	0.009732	-0.008545	0.007401	0.020941	-0.008857	-0.037150
	-0.009009	0.023579	-0.002090	0.019640	-0.016675	0.026241
	-0.006689	0.009700	0.017640	-0.003702	0.016890	0.011717
	0.013442					
z585	-0.023904	0.032332	-0.013258	-0.017333	0.038605	0.000307
	0.023092	0.019987	0.082871	0.005079	-0.014854	-0.062053
	-0.011753	0.005874	-0.010782	0.005387	0.015033	0.030871
	-0.005683	0.017043	-0.016807	-0.032404	-0.002217	0.003873
	0.037298	-0.039392	-0.019737	0.009498	0.001461	0.006813
	0.003825					
x586	-0.037511	0.000521	0.027276	0.013215	0.010996	0.017568
	-0.015037	0.044590	0.023301	0.000115	0.016284	-0.009353
	0.007422	0.012524	0.027698	0.005884	0.006730	0.047205
	-0.017053	0.012219	-0.021840	0.015047	0.044668	0.010891
	-0.008385	-0.041019	0.028031	0.001076	-0.007291	-0.024252
	0.038107					
y586	-0.008006	-0.009431	0.003810	-0.004517	-0.000882	-0.042609
	-0.006137	0.012753	-0.011629	0.001466	0.018695	-0.004996
	0.008915	-0.006611	-0.000314	0.019955	-0.007977	-0.036141
	-0.002199	0.022870	-0.002218	0.014579	-0.028246	0.027163
	-0.006337	0.012945	0.016448	0.002703	0.014534	0.011805
	0.004818					
z586	-0.025300	0.035121	-0.016128	-0.021486	0.031916	-0.004745
	0.031667	0.019478	0.081884	0.009454	-0.018995	-0.059745
	-0.011184	0.009161	-0.015780	0.009328	0.015813	0.034465
	-0.010872	0.006802	-0.020642	-0.037552	0.003188	0.003037
	0.033720	-0.034563	-0.030682	0.006353	-0.001150	-0.003792
	0.010692					
x587	-0.036110	-0.002438	0.024727	0.005960	0.013191	0.009105
	-0.011271	0.041726	0.019959	0.009016	0.016652	-0.013402
	0.003973	0.015847	0.036793	0.011355	0.012668	0.046381
	-0.025702	0.010543	-0.019724	0.012887	0.049802	0.013033
	-0.008316	-0.036551	0.017913	-0.005000	-0.013752	-0.036148
	0.041297					
y587	-0.005645	-0.011106	-0.003636	-0.004552	0.000939	-0.046816
	0.001411	0.010474	-0.016828	0.000694	0.012118	-0.002898
	0.007654	-0.005824	-0.010064	0.015246	-0.009682	-0.034204
	0.005183	0.021014	-0.002044	0.006677	-0.038887	0.030093
	-0.008185	0.013491	0.009044	0.007774	0.011764	0.010461
	-0.000814					

z587	-0.027052	0.040040	-0.018040	-0.023722	0.023277	-0.010657
	0.040588	0.020190	0.081162	0.010254	-0.024827	-0.059991
	-0.007630	0.010770	-0.018772	0.011730	0.016370	0.038355
	-0.010090	0.001704	-0.017887	-0.040634	0.004583	0.001719
	0.031806	-0.029605	-0.029312	0.008763	0.001969	-0.002756
	0.003518					
x588	-0.034006	-0.005720	0.020604	-0.001731	0.013530	-0.001796
	-0.002703	0.037422	0.013911	0.017799	0.012735	-0.017554
	0.004042	0.024928	0.040228	0.021623	0.016595	0.048621
	-0.030551	0.012180	-0.020307	0.008618	0.051286	0.012197
	-0.010028	-0.033989	0.009714	-0.018767	-0.015642	-0.042782
	0.041695					
y588	-0.004388	-0.009752	-0.010297	-0.002955	0.000707	-0.046989
	0.008947	0.008965	-0.017201	-0.002897	0.005806	0.001449
	0.006070	-0.005418	-0.017443	0.007151	-0.011385	-0.033418
	0.014396	0.020790	-0.000286	-0.002689	-0.046529	0.034067
	-0.006060	0.014240	0.000617	0.012026	0.008817	0.014015
	-0.006930					
z588	-0.027669	0.046722	-0.018795	-0.025003	0.012991	-0.015696
	0.046814	0.018000	0.080124	0.011108	-0.028518	-0.060027
	-0.006029	0.006131	-0.018667	0.013903	0.014699	0.041482
	-0.011425	-0.005676	-0.012980	-0.043284	0.008847	-0.001897
	0.028668	-0.019963	-0.032763	0.016420	0.001303	0.006217
	0.001076					
x589	-0.032276	-0.004779	0.014599	-0.010006	0.013166	-0.012806
	0.008251	0.032630	0.007146	0.019490	0.005881	-0.018605
	0.001940	0.033559	0.042012	0.028870	0.017323	0.045281
	-0.035033	0.012034	-0.018329	-0.001356	0.039144	0.006382
	-0.016143	-0.030548	0.015483	-0.030406	-0.020906	-0.046553
	0.025189					
y589	-0.003024	-0.005488	-0.015512	0.000328	-0.001912	-0.042220
	0.013479	0.008561	-0.009450	-0.007310	0.001776	0.006264
	0.003511	-0.007594	-0.021018	-0.000465	-0.011626	-0.033938
	0.022832	0.019677	0.005039	-0.010118	-0.046553	0.041202
	0.003942	0.017279	-0.011902	0.019789	0.009124	0.019495
	-0.009056					
z589	-0.027662	0.052967	-0.018563	-0.026343	0.006438	-0.019472
	0.053737	0.016358	0.073775	0.017156	-0.033200	-0.057727
	-0.000482	0.006317	-0.014813	0.020211	0.014698	0.045968
	-0.014140	-0.011492	-0.011811	-0.042705	0.008681	-0.005966
	0.020080	-0.004205	-0.041081	-0.007542	-0.005554	0.023476
	0.009752					

x590	-0.031084	-0.001424	0.009255	-0.014642	0.014323	-0.019642
	0.010362	0.032784	0.004557	0.017579	-0.002027	-0.012293
	-0.001989	0.040006	0.039159	0.027207	0.016224	0.030633
	-0.031532	0.009254	-0.011247	-0.009095	0.028805	0.011355
	-0.028579	-0.025809	0.022054	-0.035490	-0.025623	-0.044476
	0.021853					
y590	-0.000090	0.000103	-0.019444	0.004009	-0.005703	-0.034790
	0.017228	0.006431	0.001145	-0.010359	0.001459	0.007158
	0.000072	-0.012354	-0.019872	-0.002648	-0.008834	-0.029942
	0.027253	0.016637	0.011323	-0.016131	-0.043888	0.040703
	0.014689	0.021050	-0.026514	0.025922	0.014958	0.023094
	-0.016374					
z590	-0.026234	0.053817	-0.015228	-0.028604	0.003046	-0.018075
	0.051468	0.015114	0.069320	0.017970	-0.037304	-0.058482
	-0.004946	0.008054	-0.011111	0.026153	0.011397	0.045436
	-0.016463	-0.008175	-0.008214	-0.041511	0.010221	-0.002160
	-0.000230	-0.002061	-0.042294	-0.015225	0.006699	0.039007
	0.025267					
x591	-0.028942	0.001837	0.004094	-0.017379	0.012998	-0.024635
	0.007480	0.028308	0.006155	0.011835	-0.005250	-0.010758
	-0.003622	0.042256	0.034053	0.022554	0.013980	0.015882
	-0.031449	0.006051	-0.003101	-0.016090	0.028599	0.013509
	-0.030784	-0.014660	0.019439	-0.034285	-0.031435	-0.046064
	0.020968					
y591	0.002799	0.006357	-0.022017	0.008724	-0.007657	-0.026215
	0.020503	0.007729	0.008924	-0.009759	0.002355	0.009075
	-0.004436	-0.021406	-0.015733	-0.001630	-0.003319	-0.023812
	0.031535	0.009470	0.015031	-0.018962	-0.044955	0.038248
	0.015853	0.020108	-0.032326	0.030013	0.022231	0.026767
	-0.020729					
z591	-0.024436	0.055061	-0.012605	-0.030014	-0.001891	-0.016859
	0.042450	0.012530	0.066146	0.015177	-0.037530	-0.056620
	-0.006650	0.004104	-0.014516	0.028947	0.011258	0.045274
	-0.015893	-0.006647	-0.003779	-0.041835	0.011199	0.000002
	-0.018697	0.000877	-0.034641	-0.015207	0.009512	0.034336
	0.032858					
x592	-0.026279	0.004384	-0.000478	-0.018674	0.010771	-0.027890
	0.003880	0.022170	0.006332	0.009141	-0.008094	-0.009521
	-0.007309	0.038213	0.029439	0.015531	0.010180	0.006659
	-0.032193	0.001033	0.001647	-0.023802	0.029020	0.011779
	-0.033437	-0.008461	0.015373	-0.031447	-0.029084	-0.050001
	0.020916					

y592	0.005154	0.012942	-0.023590	0.013216	-0.008313	-0.017968
	0.023302	0.011290	0.016866	-0.011517	0.005524	0.008865
	-0.006626	-0.028186	-0.010178	0.001933	0.002940	-0.019449
	0.033925	-0.000140	0.016777	-0.016199	-0.042638	0.035603
	0.018441	0.022172	-0.034083	0.032323	0.019718	0.037386
	-0.023603					
z592	-0.022892	0.055776	-0.010665	-0.031787	-0.006167	-0.015762
	0.033391	0.010454	0.063538	0.008808	-0.036714	-0.055858
	-0.004894	0.004224	-0.018002	0.031115	0.012249	0.042555
	-0.015005	-0.007844	0.001991	-0.039243	0.012175	0.001236
	-0.028273	0.005746	-0.025949	-0.017570	0.003414	0.028964
	0.031207					
x593	-0.024112	0.007522	-0.003150	-0.018319	0.008963	-0.029768
	0.001447	0.017895	0.008856	0.006475	-0.009519	-0.009750
	-0.012868	0.030409	0.028190	0.010150	0.007094	0.000895
	-0.031461	-0.005303	0.004418	-0.028546	0.028360	0.011002
	-0.032853	-0.007718	0.009051	-0.024746	-0.022593	-0.043775
	0.020310					
y593	0.007622	0.018651	-0.026706	0.016172	-0.009989	-0.010263
	0.025455	0.013649	0.019803	-0.012543	0.008094	0.008637
	-0.004954	-0.033135	-0.005680	0.003785	0.005161	-0.014051
	0.034256	-0.011351	0.015650	-0.013325	-0.034897	0.028106
	0.018554	0.028778	-0.028493	0.031277	0.012875	0.039331
	-0.023516					
z593	-0.021171	0.054905	-0.010382	-0.034630	-0.011637	-0.015015
	0.025473	0.007554	0.056988	0.003621	-0.036630	-0.053298
	-0.002135	0.004744	-0.021072	0.031832	0.009736	0.039204
	-0.013185	-0.010326	0.006490	-0.035882	0.019099	0.001708
	-0.036372	0.010850	-0.013648	-0.021137	-0.002695	0.017923
	0.026793					
x594	-0.021956	0.011678	-0.005441	-0.016319	0.006868	-0.030343
	-0.000475	0.016107	0.011471	0.004350	-0.008941	-0.010575
	-0.017433	0.021727	0.030487	0.005057	0.003231	-0.000145
	-0.029128	-0.014144	0.004578	-0.031716	0.029639	0.008256
	-0.027464	-0.007482	0.003553	-0.018516	-0.020259	-0.033574
	0.019809					
y594	0.009140	0.022734	-0.028573	0.016925	-0.010344	-0.003114
	0.028974	0.013989	0.021675	-0.015273	0.007146	0.008718
	-0.005108	-0.038027	-0.003259	0.004710	0.005286	-0.008466
	0.029335	-0.017833	0.014022	-0.011265	-0.031333	0.022801
	0.014911	0.032376	-0.017806	0.032140	0.012962	0.036634
	-0.021363					

z594	-0.019542	0.052332	-0.009705	-0.038187	-0.016556	-0.014094
	0.018698	0.004267	0.049157	-0.001629	-0.037238	-0.049817
	-0.000763	0.005557	-0.023040	0.031283	0.007401	0.037828
	-0.012821	-0.011201	0.009630	-0.032231	0.023002	0.004067
	-0.039630	0.012292	-0.000925	-0.024514	-0.008853	0.006622
	0.021845					
x595	-0.020281	0.016483	-0.007153	-0.013759	0.005154	-0.029744
	-0.000833	0.015325	0.013183	0.002028	-0.008061	-0.008978
	-0.022993	0.010712	0.034686	-0.000254	-0.004014	0.001474
	-0.028544	-0.026043	0.001572	-0.035007	0.034050	0.003490
	-0.022679	-0.006758	0.003142	-0.011338	-0.019090	-0.025352
	0.018167					
y595	0.010845	0.027322	-0.029204	0.016857	-0.011389	0.005701
	0.030645	0.016052	0.024072	-0.020026	0.006445	0.001079
	-0.004428	-0.038457	-0.001290	0.006111	0.011069	-0.000542
	0.028738	-0.014886	0.014836	-0.005280	-0.032936	0.020170
	0.014563	0.029802	-0.018172	0.029949	0.015519	0.046798
	-0.012913					
z595	-0.017969	0.048761	-0.008839	-0.042759	-0.021450	-0.012282
	0.011635	0.001872	0.040333	-0.006061	-0.035985	-0.048226
	0.000873	0.008236	-0.023167	0.031259	0.006603	0.037765
	-0.011625	-0.009762	0.011389	-0.026381	0.026217	0.004141
	-0.038953	0.008567	0.010657	-0.030279	-0.011529	-0.000297
	0.013623					
x596	-0.018771	0.022500	-0.007856	-0.010173	0.003782	-0.027487
	0.000531	0.017410	0.014503	-0.000403	-0.005418	-0.008128
	-0.028026	-0.000957	0.041777	-0.004080	-0.013029	0.007845
	-0.028144	-0.037255	-0.003204	-0.038371	0.036624	-0.001916
	-0.014033	-0.005435	0.001692	-0.002424	-0.017408	-0.013336
	0.016021					
y596	0.012329	0.028323	-0.028197	0.012807	-0.011104	0.012436
	0.031460	0.014599	0.023400	-0.023007	0.003947	0.005105
	-0.005854	-0.038388	-0.002841	0.007421	0.015658	0.000735
	0.024327	-0.015028	0.011578	-0.003751	-0.026599	0.021335
	0.001243	0.025404	-0.010302	0.024515	0.006477	0.041949
	-0.002546					
z596	-0.016259	0.042629	-0.007975	-0.048451	-0.026600	-0.010863
	0.004106	-0.000794	0.029951	-0.007808	-0.032543	-0.044180
	0.003507	0.012799	-0.022013	0.032389	0.007495	0.037080
	-0.010476	-0.008948	0.011358	-0.020204	0.030490	0.001903
	-0.036671	0.000065	0.024842	-0.039280	-0.015502	-0.008115
	0.000597					

x597	-0.016923	0.028551	-0.007366	-0.007132	0.003180	-0.023548
	0.004205	0.021096	0.012921	-0.004669	-0.002794	-0.006131
	-0.032838	-0.014385	0.048589	-0.007517	-0.023496	0.017512
	-0.029158	-0.046088	-0.009196	-0.041791	0.039328	-0.006096
	-0.004075	-0.001351	-0.000235	0.011513	-0.016531	-0.001913
	0.015258					
y597	0.013929	0.029734	-0.028333	0.007504	-0.009766	0.018274
	0.030094	0.014366	0.023539	-0.026324	0.005967	-0.000049
	0.001460	-0.028117	-0.003601	0.018444	0.032617	0.010540
	0.021078	-0.008243	0.012079	0.000683	-0.040388	0.022066
	-0.003439	0.015369	-0.001906	0.017789	-0.000038	0.044247
	-0.000021					
z597	-0.013956	0.033996	-0.007363	-0.054492	-0.032663	-0.009639
	-0.003722	-0.004366	0.017675	-0.006513	-0.028797	-0.039425
	0.005390	0.018062	-0.017974	0.033343	0.010843	0.036933
	-0.007038	-0.007000	0.010889	-0.012101	0.035776	-0.001489
	-0.030471	-0.013075	0.040415	-0.049141	-0.016195	-0.014604
	-0.016761					
x598	-0.013633	0.031544	-0.008623	-0.006886	0.002745	-0.017533
	0.009267	0.024943	0.006464	-0.008721	-0.000489	-0.004204
	-0.031182	-0.028364	0.052086	-0.008766	-0.031911	0.027212
	-0.028867	-0.048247	-0.013265	-0.042483	0.042807	-0.008121
	0.002902	0.006489	-0.003895	0.025545	-0.011807	0.009739
	0.016866					
y598	0.014550	0.026737	-0.030072	-0.001126	-0.010755	0.023588
	0.022788	0.008780	0.022143	-0.020499	0.002516	-0.003403
	0.010514	-0.013355	-0.006634	0.027173	0.046958	0.014230
	0.020240	0.001483	0.014080	0.006837	-0.037563	0.014489
	-0.022543	0.005837	0.012475	-0.007769	-0.005320	0.037338
	-0.007833					
z598	-0.010933	0.024173	-0.006793	-0.057831	-0.039045	-0.008317
	-0.010484	-0.007945	0.006121	-0.001946	-0.023855	-0.032811
	0.005142	0.019631	-0.008705	0.032679	0.016111	0.038797
	0.001566	-0.004524	0.010480	-0.006619	0.041855	-0.002576
	-0.017471	-0.025542	0.053799	-0.056597	-0.007965	-0.017695
	-0.030847					
x599	-0.007175	0.031151	-0.015985	-0.010370	-0.002047	-0.011471
	0.012846	0.024016	0.003191	-0.009169	-0.000909	-0.001821
	-0.021361	-0.025635	0.049186	-0.001335	-0.018332	0.025736
	-0.024078	-0.035402	-0.005987	-0.032138	0.031226	0.000421
	-0.005457	0.008713	0.006596	0.015459	-0.013066	0.013543
	0.001656					

y599	0.014433	0.023726	-0.026575	-0.005402	-0.010745	0.028063
	0.022498	0.003417	0.020115	-0.021884	0.000927	-0.000460
	0.017384	-0.003801	-0.008989	0.028296	0.051176	0.012359
	0.021582	0.007076	0.016577	0.017319	-0.034248	0.014429
	-0.022441	0.005298	0.014888	-0.003112	-0.004170	0.036127
	-0.010302					
z599	-0.008618	0.018504	-0.004548	-0.054372	-0.043531	-0.008573
	-0.014556	-0.004763	0.001161	-0.007103	-0.022445	-0.022094
	-0.002800	0.027821	0.001462	0.030917	0.011142	0.043154
	0.002874	0.000557	0.008368	-0.008826	0.043763	0.004235
	-0.017131	-0.016311	0.046992	-0.048463	-0.009064	-0.027217
	-0.024298					
x600	-0.001499	0.029540	-0.022361	-0.014794	-0.005145	-0.005386
	0.015094	0.022385	0.000593	-0.010662	-0.001783	0.001877
	-0.009842	-0.022353	0.042410	0.005132	-0.005304	0.025479
	-0.017982	-0.022611	0.001996	-0.023853	0.021660	0.008645
	-0.012846	0.011844	0.014299	0.008965	-0.012926	0.014974
	-0.003013					
y600	0.013025	0.021295	-0.020999	-0.005829	-0.008952	0.030654
	0.019924	-0.001255	0.018924	-0.022762	-0.003004	0.001666
	0.018030	0.002701	-0.008803	0.022906	0.048567	0.014320
	0.018987	0.010153	0.019076	0.018778	-0.029866	0.012839
	-0.018995	0.003777	0.013088	0.004647	-0.005662	0.031242
	-0.004121					
z600	-0.006202	0.013214	-0.002827	-0.049168	-0.046040	-0.007938
	-0.017776	-0.002129	-0.003405	-0.011575	-0.020144	-0.013250
	-0.008834	0.030800	0.011539	0.027374	0.005507	0.045523
	0.003566	0.004506	0.006698	-0.009727	0.042768	0.009740
	-0.015932	-0.006793	0.038231	-0.039939	-0.008243	-0.032038
	-0.021940					
x601	0.002979	0.027699	-0.026846	-0.018056	-0.004798	0.000054
	0.015844	0.023763	-0.002485	-0.013101	-0.001720	0.005761
	-0.003053	-0.019412	0.036862	0.012217	0.002945	0.023540
	-0.014862	-0.015306	0.008427	-0.019346	0.015758	0.014419
	-0.017713	0.016512	0.015559	0.005014	-0.012118	0.012855
	-0.004861					
y601	0.011119	0.019541	-0.015262	-0.003446	-0.005681	0.031177
	0.015531	-0.001882	0.018032	-0.021720	-0.006647	0.002791
	0.012474	0.007811	-0.005948	0.019093	0.042232	0.015054
	0.013519	0.009774	0.019875	0.016405	-0.024032	0.011418
	-0.016172	0.002014	0.006016	0.008658	-0.008555	0.022580
	-0.003400					

z601	-0.004118	0.008363	-0.001352	-0.043483	-0.047070	-0.005992
	-0.019411	-0.003379	-0.007654	-0.015080	-0.017830	-0.007729
	-0.011303	0.029298	0.019595	0.021453	0.000906	0.045898
	0.003306	0.007318	0.007895	-0.011686	0.038097	0.010113
	-0.013300	-0.000488	0.034224	-0.034570	-0.006809	-0.030313
	-0.016493					
x602	0.005667	0.025587	-0.028102	-0.021169	-0.003162	0.005864
	0.015987	0.022872	-0.004578	-0.016755	-0.002950	0.009828
	0.003458	-0.016791	0.031951	0.015400	0.008310	0.022810
	-0.011721	-0.010040	0.012985	-0.014640	0.008550	0.013460
	-0.021064	0.017435	0.020495	0.002926	-0.005706	0.015899
	-0.004387					
y602	0.008504	0.017783	-0.008062	-0.000907	-0.003283	0.031075
	0.011452	-0.005010	0.018816	-0.019594	-0.010890	0.003316
	0.007132	0.011497	-0.003133	0.012349	0.034838	0.017300
	0.010651	0.009394	0.019244	0.014957	-0.019703	0.006055
	-0.014293	-0.002280	0.004667	0.011133	-0.007137	0.019398
	-0.005104					
z602	-0.001817	0.003919	-0.001623	-0.037304	-0.046409	-0.003510
	-0.021209	-0.003330	-0.012106	-0.017592	-0.015544	-0.004087
	-0.012934	0.025658	0.024943	0.017524	-0.002315	0.045049
	0.000056	0.006938	0.010037	-0.015875	0.033186	0.008626
	-0.009100	0.005942	0.028975	-0.030581	-0.007309	-0.028201
	-0.016444					
x603	0.006762	0.024770	-0.028578	-0.022356	-0.000760	0.009811
	0.016087	0.025477	-0.006110	-0.018831	-0.005565	0.012129
	0.010062	-0.014330	0.030226	0.016858	0.010708	0.018614
	-0.009983	-0.009165	0.016400	-0.007711	0.001561	0.015490
	-0.025672	0.016628	0.016690	0.000863	-0.001289	0.021983
	-0.001103					
y603	0.005229	0.016929	-0.001373	0.002917	-0.001965	0.028910
	0.007665	-0.005644	0.020789	-0.014915	-0.015956	0.002172
	0.001981	0.014323	0.000497	0.005512	0.025953	0.017676
	0.008476	0.007070	0.016960	0.014470	-0.014759	0.004052
	-0.014477	-0.008190	-0.000984	0.011311	-0.007898	0.018854
	-0.006817					
z603	0.000408	-0.000626	-0.002133	-0.032007	-0.045065	-0.000777
	-0.022622	-0.006116	-0.016254	-0.019622	-0.012055	-0.001745
	-0.012856	0.020800	0.027655	0.014483	-0.004237	0.044891
	-0.004209	0.006204	0.011909	-0.020536	0.026554	0.002543
	-0.001760	0.010001	0.027319	-0.027296	-0.009122	-0.025491
	-0.019792					

x604	0.008437	0.025973	-0.028176	-0.022653	0.002133	0.014277
	0.018837	0.027373	-0.007499	-0.023181	-0.006628	0.016319
	0.011857	-0.013745	0.027787	0.018463	0.014390	0.014359
	-0.012469	-0.007435	0.019960	-0.001009	-0.008024	0.017670
	-0.022037	0.011669	0.024984	-0.001935	-0.001612	0.023352
	-0.004154					
y604	0.002336	0.017026	0.004962	0.007019	-0.001974	0.025767
	0.004969	-0.006548	0.023736	-0.009910	-0.020107	0.001559
	-0.004351	0.015796	0.002712	-0.001424	0.017760	0.018722
	0.005614	0.004602	0.013141	0.013827	-0.010917	0.003541
	-0.011612	-0.015089	-0.000621	0.011319	-0.011742	0.016643
	-0.013152					
z604	0.001518	-0.006097	-0.002929	-0.026824	-0.042017	0.002128
	-0.026133	-0.009488	-0.019001	-0.019715	-0.008894	-0.002453
	-0.009315	0.016251	0.029598	0.011945	-0.007397	0.044834
	-0.005790	0.003207	0.013549	-0.026021	0.021910	-0.008234
	0.001006	0.014571	0.019046	-0.028162	-0.007419	-0.017311
	-0.020840					
x605	0.009395	0.024977	-0.026170	-0.022207	0.004168	0.017898
	0.017819	0.025718	-0.006204	-0.022461	-0.014096	0.015996
	0.015458	-0.012166	0.026240	0.012875	0.006971	0.011694
	-0.018625	-0.006253	0.016787	0.000392	-0.007682	0.013576
	-0.025293	0.011402	0.028846	-0.012940	-0.001695	0.016734
	0.000870					
y605	-0.000904	0.016881	0.011251	0.011637	-0.003913	0.021912
	0.001285	-0.008040	0.028903	-0.003170	-0.025276	-0.000352
	-0.009149	0.017005	0.003571	-0.008445	0.007420	0.021668
	0.003502	0.002878	0.005796	0.012122	-0.005324	0.003466
	-0.009502	-0.021586	0.000155	0.010159	-0.016051	0.015354
	-0.020300					
z605	0.002520	-0.010322	-0.004434	-0.021883	-0.036826	0.004838
	-0.027340	-0.011531	-0.022768	-0.022077	-0.002598	-0.000822
	-0.007382	0.008939	0.028426	0.011478	-0.007214	0.042566
	-0.006081	-0.003334	0.017600	-0.027185	0.013316	-0.018323
	0.008740	0.015603	0.013815	-0.024616	-0.005112	-0.007831
	-0.026498					
x606	0.009094	0.025075	-0.022240	-0.019118	0.005813	0.022670
	0.017307	0.028371	-0.002264	-0.021197	-0.019172	0.014136
	0.021085	-0.008250	0.025871	0.010712	0.002810	0.017205
	-0.017764	-0.004740	0.016438	0.004912	-0.021247	0.009345
	-0.016958	0.001454	0.029923	-0.018330	0.006340	0.019950
	-0.003861					

y606	-0.004586	0.017021	0.016608	0.016645	-0.007440	0.017199
	-0.003322	-0.009189	0.035816	0.003766	-0.030328	-0.000669
	-0.012345	0.017599	0.001939	-0.014669	-0.002563	0.023395
	0.002690	0.001075	-0.003961	0.009196	0.000289	0.005427
	-0.007026	-0.025271	0.003855	0.010701	-0.021488	0.016914
	-0.028134					
z606	0.003254	-0.014492	-0.007030	-0.017876	-0.029439	0.006631
	-0.028158	-0.015982	-0.027247	-0.023544	0.004156	-0.000616
	-0.003246	-0.001407	0.025875	0.008380	-0.008921	0.035628
	-0.010201	-0.013419	0.020990	-0.029337	0.005643	-0.030492
	0.014199	0.019293	0.010195	-0.024214	-0.001823	0.002568
	-0.023194					
x607	0.006146	0.024852	-0.015805	-0.014904	0.005734	0.024544
	0.014424	0.030980	0.003747	-0.018326	-0.029745	0.016197
	0.022486	-0.010282	0.021380	0.000672	-0.008633	0.017088
	-0.019155	-0.006531	0.009722	0.008513	-0.023211	0.003820
	-0.017612	-0.005396	0.032749	-0.023587	0.005229	0.019399
	-0.020273					
y607	-0.008223	0.016309	0.019543	0.021264	-0.011352	0.013214
	-0.009633	-0.011607	0.041746	0.008327	-0.031896	0.001736
	-0.012386	0.019011	-0.001650	-0.014723	-0.007999	0.023483
	0.005978	-0.000447	-0.012287	0.003678	0.002057	0.007162
	-0.001580	-0.027090	0.010376	0.014632	-0.021668	0.021115
	-0.027918					
z607	0.004574	-0.017843	-0.010196	-0.014037	-0.019882	0.008044
	-0.027749	-0.020844	-0.033048	-0.023552	0.012191	-0.000887
	0.001576	-0.013511	0.022969	0.005170	-0.008076	0.026376
	-0.013389	-0.025065	0.026523	-0.031145	-0.006468	-0.044242
	0.023173	0.019592	0.006682	-0.024800	0.002772	0.015010
	-0.010753					
x608	0.003767	0.024965	-0.010947	-0.013695	0.007368	0.025035
	0.012084	0.030530	0.004820	-0.013926	-0.030001	0.019793
	0.024361	-0.007617	0.022620	-0.002231	-0.008899	0.017971
	-0.011420	-0.004500	0.004725	0.010002	-0.031164	0.003449
	-0.007224	-0.012275	0.032652	-0.022368	0.009956	0.019290
	-0.020965					
y608	-0.009942	0.011007	0.018544	0.020012	-0.010600	0.011555
	-0.015173	-0.019852	0.034802	0.009447	-0.021083	0.004244
	-0.012621	0.021493	0.002598	-0.009830	-0.007245	0.016560
	0.008042	-0.008673	-0.010589	0.001794	0.006737	-0.003574
	0.004352	-0.022055	0.009609	0.018085	-0.011113	0.012822
	-0.024237					

z608	0.004121	-0.013554	-0.010548	-0.012587	-0.016131	0.007922
	-0.025367	-0.023233	-0.038608	-0.017363	0.019405	0.006557
	0.008022	-0.006790	0.023165	0.009705	-0.003740	0.017723
	-0.014286	-0.015539	0.029963	-0.024778	-0.015998	-0.048735
	0.028047	0.013822	0.005789	-0.015624	0.016835	0.022585
	-0.013415					
x609	0.000820	0.023302	-0.005922	-0.013543	0.009958	0.024624
	0.007013	0.027061	0.003718	-0.010398	-0.026787	0.026943
	0.022757	-0.005503	0.020019	-0.003654	-0.010674	0.011218
	-0.002641	-0.006083	0.004231	0.012072	-0.032354	0.000811
	-0.001320	-0.019000	0.029833	-0.017160	0.016305	0.016704
	-0.018600					
y609	-0.011188	0.005486	0.016432	0.019090	-0.010328	0.010232
	-0.020017	-0.026575	0.029162	0.009373	-0.011267	0.005544
	-0.011842	0.022891	0.008292	-0.004861	-0.004086	0.013030
	0.009699	-0.015294	-0.011659	-0.002785	0.009677	-0.012621
	0.012183	-0.015281	0.009299	0.019345	-0.002776	0.005386
	-0.016117					
z609	0.003896	-0.009077	-0.010763	-0.011214	-0.012417	0.007074
	-0.022203	-0.024173	-0.042376	-0.011044	0.023129	0.012525
	0.014543	-0.001141	0.023402	0.010673	0.000486	0.014028
	-0.014212	-0.005498	0.031407	-0.019846	-0.024804	-0.050819
	0.034267	0.009737	0.005444	-0.009772	0.021388	0.028078
	-0.014680					
x610	-0.002041	0.021179	-0.002362	-0.012468	0.011786	0.023116
	0.001303	0.023139	0.002746	-0.006624	-0.022157	0.032726
	0.021120	-0.002568	0.016534	-0.001564	-0.011934	0.006508
	0.003524	-0.006232	0.005298	0.013703	-0.032893	-0.005991
	0.005802	-0.024367	0.028559	-0.013262	0.018936	0.012241
	-0.014699					
y610	-0.012383	0.000772	0.014707	0.017739	-0.009825	0.010025
	-0.024247	-0.031472	0.025247	0.007443	-0.004974	0.008176
	-0.011544	0.021892	0.012436	-0.002759	-0.001754	0.008926
	0.011973	-0.022359	-0.014664	-0.008322	0.013301	-0.015421
	0.017254	-0.008714	0.009276	0.022671	0.004793	0.000268
	-0.008461					
z610	0.003750	-0.005042	-0.010544	-0.010805	-0.008083	0.005914
	-0.018252	-0.023523	-0.043862	-0.005519	0.025139	0.018289
	0.019844	0.001246	0.023184	0.009097	0.003547	0.010745
	-0.013609	0.001437	0.031786	-0.014437	-0.032547	-0.052210
	0.037114	0.007821	0.003760	-0.005810	0.021607	0.032634
	-0.015034					

x611	-0.005167	0.017838	0.000818	-0.012951	0.014437	0.022119
	-0.004922	0.020231	0.002177	-0.005106	-0.018457	0.040214
	0.018622	-0.001580	0.013260	-0.003817	-0.011895	0.000698
	0.009702	-0.007409	0.002257	0.013110	-0.032058	-0.008147
	0.012352	-0.027228	0.028249	-0.009393	0.018748	0.003560
	-0.008451					
y611	-0.013300	-0.001982	0.013167	0.018134	-0.010698	0.009230
	-0.027690	-0.036564	0.023500	0.007161	0.000142	0.007297
	-0.011887	0.021215	0.014256	0.005297	-0.000529	0.008288
	0.012783	-0.026283	-0.012036	-0.011689	0.018672	-0.019711
	0.018735	-0.006899	0.006922	0.024243	0.011320	0.004861
	-0.004923					
z611	0.003470	-0.001676	-0.009946	-0.011318	-0.003698	0.003862
	-0.014446	-0.022415	-0.043316	-0.000167	0.025956	0.023068
	0.022663	0.001333	0.022535	0.007961	0.005476	0.008432
	-0.013611	0.007074	0.031685	-0.010388	-0.037186	-0.053194
	0.036862	0.006181	-0.000727	-0.003505	0.019334	0.038282
	-0.015991					
x612	-0.008568	0.013963	0.003803	-0.013712	0.016943	0.021036
	-0.012091	0.017188	0.003891	-0.004810	-0.015172	0.046392
	0.014274	-0.001387	0.009117	-0.005121	-0.011815	-0.004286
	0.016789	-0.009829	-0.000063	0.011725	-0.028052	-0.012103
	0.017161	-0.031361	0.025626	-0.007693	0.019681	-0.000329
	0.000046					
y612	-0.013548	-0.002934	0.011844	0.018932	-0.011473	0.008970
	-0.029053	-0.039951	0.021151	0.006473	0.004899	0.006118
	-0.010657	0.019087	0.015124	0.010318	0.002509	0.007846
	0.010565	-0.027404	-0.008854	-0.013140	0.022573	-0.015973
	0.017477	-0.002149	0.004437	0.027307	0.012126	0.007129
	-0.007423					
z612	0.003186	0.001369	-0.009357	-0.012474	0.001116	0.001164
	-0.010578	-0.020323	-0.041584	0.004585	0.025963	0.027226
	0.024520	-0.000523	0.020936	0.005733	0.006286	0.006401
	-0.014517	0.011215	0.029797	-0.007308	-0.040552	-0.053289
	0.035510	0.007274	-0.005025	-0.002117	0.011236	0.040202
	-0.017747					
x613	-0.011915	0.010259	0.006644	-0.014636	0.018946	0.020336
	-0.019461	0.013799	0.006935	-0.006716	-0.011586	0.051073
	0.009736	-0.003054	0.004502	-0.007494	-0.010674	-0.009165
	0.023496	-0.014311	-0.001405	0.010315	-0.021486	-0.015146
	0.020129	-0.035231	0.021022	-0.007120	0.022047	-0.000422
	0.007222					

y613	-0.013832	-0.003710	0.010379	0.019509	-0.011795	0.007977
	-0.030201	-0.042341	0.020248	0.007994	0.008836	0.005312
	-0.011080	0.018256	0.015099	0.017739	0.004594	0.009023
	0.008644	-0.024605	-0.000447	-0.014280	0.026488	-0.010752
	0.014199	-0.000067	0.003425	0.030331	0.003273	0.009147
	-0.008911					
z613	0.002642	0.003802	-0.008903	-0.014052	0.006041	-0.002364
	-0.006962	-0.017651	-0.038339	0.008811	0.024630	0.031228
	0.025068	-0.003671	0.018569	0.002768	0.005812	0.004921
	-0.016032	0.014385	0.026827	-0.006706	-0.042126	-0.053513
	0.034357	0.011173	-0.009364	-0.000634	0.000151	0.039167
	-0.019689					
x614	-0.015410	0.006461	0.009510	-0.015987	0.020696	0.019906
	-0.027384	0.010491	0.011729	-0.010878	-0.007470	0.054177
	0.004019	-0.006902	-0.000629	-0.010942	-0.008451	-0.014221
	0.030817	-0.018708	-0.000537	0.008641	-0.012885	-0.017373
	0.021914	-0.038797	0.014487	-0.006158	0.023878	0.002255
	0.012883					
y614	-0.013412	-0.002538	0.008902	0.020492	-0.012263	0.008094
	-0.030250	-0.043174	0.019060	0.010813	0.008896	0.004159
	-0.010088	0.019812	0.014549	0.024927	0.005371	0.009547
	0.004211	-0.024051	0.004529	-0.012317	0.029251	-0.007621
	0.009424	0.007062	-0.000703	0.026346	0.000885	0.011320
	-0.007219					
z614	0.001981	0.005746	-0.008909	-0.016453	0.011450	-0.006589
	-0.003798	-0.014777	-0.034315	0.013139	0.021494	0.034496
	0.025178	-0.008876	0.014749	-0.000025	0.002406	0.003474
	-0.018480	0.016064	0.021574	-0.007871	-0.041752	-0.052754
	0.033156	0.017477	-0.012156	0.000936	-0.014780	0.035137
	-0.022939					
x615	-0.018807	0.003037	0.012488	-0.017550	0.021847	0.020514
	-0.036193	0.007453	0.018504	-0.017405	-0.002940	0.055642
	-0.002475	-0.012632	-0.005797	-0.015543	-0.005023	-0.019074
	0.038106	-0.024745	0.003562	0.007467	-0.001427	-0.019029
	0.021870	-0.040845	0.004801	-0.006684	0.025918	0.007467
	0.017870					
y615	-0.012812	-0.000505	0.008396	0.020091	-0.013801	0.006794
	-0.027896	-0.044910	0.017512	0.014067	0.008280	0.004015
	-0.010050	0.021818	0.014814	0.033288	0.003247	0.010968
	-0.005006	-0.021284	0.004418	-0.008780	0.028474	-0.002954
	0.002975	0.018068	-0.000868	0.028940	-0.006709	0.011548
	-0.012132					

z615	0.001235	0.006935	-0.009643	-0.019726	0.017212	-0.012127
	-0.000549	-0.011325	-0.029266	0.017042	0.016707	0.036748
	0.024529	-0.016390	0.010495	-0.004026	-0.003218	0.002815
	-0.021278	0.015946	0.014577	-0.009709	-0.038644	-0.050996
	0.031610	0.025934	-0.013746	0.001630	-0.033702	0.027386
	-0.026347					
x616	-0.021978	0.001142	0.016715	-0.018028	0.021636	0.022775
	-0.045480	0.005087	0.027250	-0.023770	0.001454	0.055286
	-0.009887	-0.018103	-0.009928	-0.017753	-0.001482	-0.021678
	0.041232	-0.031352	0.008446	0.006815	0.009165	-0.021986
	0.020497	-0.036400	-0.009361	-0.007521	0.025107	0.015493
	0.019634					
y616	-0.012019	0.003247	0.006821	0.019980	-0.014756	0.004608
	-0.024651	-0.043421	0.014928	0.021276	0.005743	0.001024
	-0.010462	0.026783	0.015269	0.044914	-0.000595	0.014650
	-0.016305	-0.014911	0.002248	-0.003652	0.021763	-0.000609
	0.000580	0.034101	-0.003744	0.035909	-0.010473	0.014197
	-0.023371					
z616	0.000509	0.006719	-0.011436	-0.024727	0.023686	-0.019207
	0.003148	-0.007028	-0.023920	0.019141	0.011024	0.038047
	0.022865	-0.025361	0.005763	-0.011054	-0.009538	0.002092
	-0.021160	0.014657	0.006932	-0.010478	-0.031591	-0.048579
	0.029088	0.032954	-0.013351	-0.000024	-0.055809	0.019173
	-0.026354					
x617	-0.024971	0.002356	0.024189	-0.017510	0.015604	0.022897
	-0.049345	0.001168	0.034872	-0.015507	0.004502	0.057984
	-0.019815	-0.013391	-0.012266	0.000916	-0.006162	-0.011310
	0.026242	-0.034930	0.000387	0.004570	0.013967	-0.024557
	0.018862	-0.021516	-0.031362	-0.016399	0.019353	0.004206
	0.011366					
y617	-0.010630	0.003446	0.002569	0.017213	-0.012283	-0.000120
	-0.019620	-0.041211	0.009714	0.024033	0.002071	-0.002875
	-0.004480	0.025847	0.018835	0.047553	-0.002602	0.009333
	-0.023082	-0.006508	0.008184	-0.001214	0.017361	0.003988
	-0.001795	0.036462	-0.001516	0.035532	-0.025318	0.004217
	-0.025835					
z617	-0.001916	0.003213	-0.010790	-0.038823	0.030289	-0.030630
	0.007840	0.001354	-0.021878	0.020929	0.014483	0.047480
	0.021274	-0.025104	0.001456	-0.013712	-0.013448	0.004833
	-0.010785	0.018923	-0.003327	-0.016938	-0.013984	-0.047855
	0.025003	0.017626	-0.009322	-0.019173	-0.029630	0.000843
	-0.023979					

x618	-0.026339	0.004136	0.030003	-0.017236	0.010139	0.022099
	-0.050729	-0.002145	0.041409	-0.009290	0.007721	0.056214
	-0.028555	-0.005639	-0.013206	0.018521	-0.007941	-0.001305
	0.012110	-0.036929	-0.007153	0.004360	0.018704	-0.021700
	0.020385	-0.007988	-0.048871	-0.018869	0.020347	-0.006944
	0.004785					
y618	-0.008663	0.001177	-0.003113	0.012205	-0.007617	-0.008922
	-0.012656	-0.035838	0.001287	0.025920	-0.000312	-0.006201
	0.003018	0.024037	0.018394	0.044894	-0.004631	0.003686
	-0.026772	0.004711	0.013472	-0.003543	0.010546	0.004797
	0.008403	0.029273	0.007010	0.041539	-0.024957	-0.000729
	-0.026911					
z618	-0.004908	0.000086	-0.011724	-0.052593	0.036754	-0.042721
	0.011736	0.007605	-0.017254	0.021205	0.017820	0.055148
	0.022333	-0.024533	-0.002452	-0.017170	-0.017209	0.006080
	0.007962	0.018782	-0.013254	-0.022622	-0.001262	-0.036553
	0.023366	0.000851	-0.005279	-0.028265	-0.010405	-0.013561
	-0.019782					
x619	-0.028093	0.005274	0.032118	-0.018794	0.008432	0.018994
	-0.052411	-0.004440	0.046434	-0.006721	0.009019	0.052760
	-0.033755	0.002900	-0.011353	0.030583	-0.009671	0.002084
	0.006852	-0.037416	-0.010739	0.002711	0.023137	-0.013679
	0.018716	0.002111	-0.058162	-0.022945	0.023635	-0.013709
	-0.001140					
y619	-0.008226	-0.002329	-0.010631	0.005652	0.000346	-0.019667
	-0.006476	-0.029264	-0.006739	0.027732	-0.005505	-0.006328
	0.013236	0.021932	0.019917	0.040906	-0.012096	-0.003985
	-0.022114	0.013899	0.016460	-0.012325	0.004875	0.009460
	0.016307	0.020510	0.017760	0.046284	-0.020347	-0.000340
	-0.029231					
z619	-0.005516	-0.001783	-0.013697	-0.057894	0.037153	-0.054785
	0.017524	0.011319	-0.015031	0.023169	0.021997	0.060877
	0.023670	-0.015960	-0.013264	-0.021901	-0.015418	0.007138
	0.013948	0.022107	-0.019469	-0.010570	-0.000048	-0.048752
	0.016711	-0.003562	-0.007494	-0.033090	-0.001765	-0.022538
	-0.005209					
x620	-0.028154	0.005168	0.031282	-0.018453	0.005954	0.012111
	-0.051901	-0.005634	0.046716	-0.004153	0.009069	0.048729
	-0.038876	0.013904	-0.015278	0.035283	-0.005508	0.002858
	-0.003844	-0.029249	-0.007188	0.014341	0.020628	-0.021436
	0.017276	0.008847	-0.063397	-0.026866	0.020194	-0.020416
	-0.008773					

y620	-0.007499	-0.006025	-0.018271	-0.001637	0.007668	-0.030313
	-0.000149	-0.023489	-0.014881	0.030238	-0.010814	-0.005699
	0.021675	0.018272	0.019400	0.036024	-0.018298	-0.008373
	-0.016066	0.022922	0.016973	-0.020818	0.000300	0.018943
	0.028026	0.005703	0.025269	0.051911	-0.018918	-0.002207
	-0.032962					
z620	-0.005100	-0.002319	-0.015818	-0.058952	0.035262	-0.064723
	0.022140	0.012737	-0.012895	0.024905	0.026583	0.064614
	0.026060	-0.005840	-0.022470	-0.025072	-0.011989	0.006760
	0.016014	0.023700	-0.023323	0.003790	-0.001570	-0.068406
	0.008246	0.001886	-0.011240	-0.035596	0.002379	-0.022859
	0.010145					
x621	-0.027822	0.003906	0.027411	-0.022444	0.006130	0.000658
	-0.052694	-0.007433	0.045975	-0.001114	0.009628	0.040009
	-0.041946	0.023085	-0.018279	0.037950	0.000844	0.001543
	-0.007232	-0.020920	0.000343	0.019946	0.017190	-0.020884
	0.022230	0.011415	-0.066813	-0.032361	0.014575	-0.022426
	-0.014618					
y621	-0.005475	-0.010389	-0.027651	-0.007579	0.013865	-0.042245
	0.008257	-0.017563	-0.025707	0.034707	-0.016292	-0.003283
	0.031252	0.017914	0.016289	0.032110	-0.024871	-0.011660
	-0.015017	0.032451	0.015659	-0.025217	-0.006722	0.017253
	0.033098	-0.006231	0.028016	0.055348	-0.015928	0.000540
	-0.026531					
z621	-0.006503	-0.002207	-0.017495	-0.066663	0.037009	-0.072724
	0.023588	0.012930	-0.006791	0.022989	0.029611	0.063687
	0.027538	-0.008200	-0.021488	-0.028741	-0.006700	0.008290
	0.032397	0.022718	-0.025856	0.004453	0.003535	-0.051664
	0.021124	-0.006386	-0.004155	-0.030856	0.001766	-0.030160
	-0.004621					
x622	-0.028794	-0.001324	0.018648	-0.030789	0.010724	-0.019919
	-0.053318	-0.010292	0.042387	0.001204	0.005507	0.028906
	-0.044797	0.028297	-0.025996	0.033922	0.009576	-0.006473
	-0.003650	-0.001669	0.014503	0.024022	0.009086	-0.016652
	0.020518	0.013208	-0.046679	-0.040474	0.007235	-0.029264
	-0.035513					
y622	-0.002086	-0.014322	-0.037301	-0.013805	0.018973	-0.052521
	0.017726	-0.014242	-0.037100	0.039564	-0.020931	0.002604
	0.042231	0.017024	0.012251	0.031409	-0.033740	-0.015678
	-0.018689	0.035524	0.007997	-0.029653	-0.007543	0.011711
	0.033622	-0.014651	0.020249	0.057413	-0.010782	0.003591
	-0.011142					

z622	-0.006578	-0.001129	-0.017859	-0.065697	0.035862	-0.079377
	0.025467	0.012870	-0.002750	0.021557	0.032814	0.061140
	0.025941	-0.000929	-0.020271	-0.030779	0.004144	0.009319
	0.035829	0.026426	-0.021828	0.025188	-0.001152	-0.053593
	0.026872	-0.006181	0.005531	-0.021591	-0.003798	-0.034481
	-0.014982					
x623	-0.029694	-0.009624	0.003266	-0.042015	0.020044	-0.053311
	-0.049689	-0.012457	0.032385	0.004053	-0.001804	0.009659
	-0.047633	0.031921	-0.038365	0.029849	0.020076	-0.023440
	0.008727	0.022464	0.030900	0.025919	-0.006121	0.001426
	0.017443	0.012032	-0.009191	-0.036354	0.012735	-0.027963
	-0.049009					
y623	0.002449	-0.017809	-0.047380	-0.020832	0.023943	-0.059990
	0.028967	-0.011970	-0.049560	0.045501	-0.026277	0.011253
	0.055285	0.015145	0.012141	0.036726	-0.046734	-0.017530
	-0.027884	0.031261	-0.007729	-0.030776	0.001868	0.005741
	0.034502	-0.022266	0.003264	0.057986	-0.007429	0.006187
	0.003272					
z623	-0.006324	0.002199	-0.014642	-0.062358	0.032993	-0.078174
	0.024166	0.008313	0.003875	0.016884	0.042738	0.060178
	0.023582	0.007912	-0.013458	-0.028968	0.014273	0.013261
	0.042965	0.019397	-0.019640	0.045744	-0.000252	-0.040119
	0.029062	-0.004637	0.012150	-0.009673	-0.017271	-0.032869
	-0.024067					
x624	-0.028996	-0.020665	-0.019292	-0.054322	0.032702	-0.096030
	-0.042014	-0.020140	0.016225	0.007559	-0.007853	-0.016803
	-0.047729	0.032988	-0.061490	0.030751	0.023017	-0.051951
	0.026683	0.040476	0.043102	0.024890	-0.017531	0.030001
	0.011398	0.005296	0.033418	-0.019718	0.025501	-0.010028
	-0.043907					
y624	0.005682	-0.020190	-0.053265	-0.027362	0.028242	-0.058968
	0.041033	-0.006528	-0.060108	0.049202	-0.034098	0.023402
	0.067516	0.012353	0.022252	0.044042	-0.062890	-0.009969
	-0.039406	0.023124	-0.038299	-0.024232	0.020223	0.008158
	0.031383	-0.022028	-0.002657	0.054465	0.002265	-0.005486
	0.019599					
z624	-0.004449	0.010610	-0.004143	-0.050750	0.026139	-0.059803
	0.019298	-0.000658	0.012118	0.009121	0.063596	0.063845
	0.019848	0.016652	0.001160	-0.025174	0.018473	0.019496
	0.049332	-0.010257	-0.021704	0.058878	0.005843	-0.010891
	0.017721	0.002024	-0.000905	0.007668	-0.034774	-0.018837
	-0.013760					

x625	-0.025902	-0.026327	-0.033180	-0.059193	0.043794	-0.111670
	-0.034382	-0.025149	0.004396	0.010170	-0.010424	-0.036976
	-0.044045	0.017725	-0.072767	0.038229	0.010004	-0.076314
	0.027150	0.041685	0.042425	0.019569	-0.013660	0.041808
	0.006920	-0.008286	0.035486	-0.015285	0.023153	0.017908
	-0.023416					
y625	0.006140	-0.017847	-0.046548	-0.025328	0.027444	-0.043313
	0.047887	0.002006	-0.061902	0.046592	-0.037816	0.046826
	0.071037	0.010048	0.044083	0.047418	-0.062138	0.009813
	-0.052335	0.015017	-0.054368	-0.010703	0.031450	0.003533
	0.023398	-0.008823	0.003480	0.044646	0.002765	-0.026013
	0.025111					
z625	-0.002096	0.017961	0.005884	-0.035020	0.020403	-0.036088
	0.015561	-0.006603	0.014839	0.004620	0.078313	0.069742
	0.017734	0.016649	0.016961	-0.029872	0.020072	0.020937
	0.039364	-0.037987	-0.008113	0.060526	0.005914	-0.006600
	0.007491	0.003358	-0.028243	0.018898	-0.062365	-0.003105
	-0.013510					
x626	-0.032731	-0.010680	-0.018626	-0.006575	-0.011624	0.032134
	0.007845	-0.009600	0.005664	-0.043155	-0.028127	0.038584
	-0.004928	0.059485	-0.048327	-0.047015	-0.048335	0.004838
	0.050495	0.106368	0.025781	-0.051579	0.027458	0.010694
	0.002688	0.027528	0.013361	-0.038106	-0.092458	0.057637
	0.026111					
y626	-0.010421	-0.002774	0.023074	0.004456	-0.004786	-0.021106
	0.029108	0.015694	-0.010542	0.024218	-0.004660	0.011631
	-0.009335	0.001369	-0.029360	-0.001909	0.015537	0.006091
	0.037682	0.002668	-0.003644	-0.017287	0.038852	0.039025
	0.061295	-0.013096	-0.004048	-0.009797	-0.003651	0.019850
	0.009650					
z626	-0.006018	0.053307	0.001158	0.020203	-0.030972	-0.006921
	0.002743	0.008334	-0.012679	0.006343	-0.029052	0.010694
	-0.043423	0.026626	-0.094077	-0.027989	-0.067526	-0.024080
	0.017395	0.030529	-0.005790	-0.018680	0.059815	0.031486
	-0.027580	0.037692	0.023072	0.058367	0.008498	0.091907
	0.003060					
x627	-0.028460	-0.008860	-0.022705	-0.005492	-0.001783	0.031018
	0.004392	-0.020413	0.007933	-0.051025	-0.032065	0.046909
	-0.008247	0.056914	-0.038461	-0.050552	-0.034996	-0.002972
	0.051153	0.109363	0.023113	-0.053794	0.022354	0.028988
	-0.025124	0.026314	0.024523	-0.002375	-0.082114	0.017330
	0.016894					

y627	-0.013534	-0.009316	0.029605	0.000924	-0.010614	-0.026629
	0.038428	0.023644	0.000392	0.010956	-0.008231	0.012186
	-0.004114	0.010719	-0.025199	-0.012239	0.016850	0.008693
	0.042869	-0.004123	-0.013227	-0.014855	0.016311	0.026056
	0.037017	-0.006994	0.009184	-0.017670	0.002051	0.025365
	-0.010668					
z627	-0.005247	0.052946	-0.002734	0.027849	-0.020770	-0.008423
	-0.000986	0.004709	-0.026510	0.005871	-0.017607	-0.015213
	-0.031826	0.015978	-0.066686	-0.014033	-0.044197	-0.017833
	0.006081	0.011403	-0.012499	-0.024710	0.046999	0.018243
	-0.015364	0.025032	0.011631	0.045918	0.017933	0.054923
	0.011780					
x628	-0.025143	-0.008560	-0.025811	-0.003560	0.005626	0.028072
	0.001930	-0.029146	0.010785	-0.054596	-0.039603	0.056920
	-0.010826	0.051156	-0.032642	-0.051884	-0.024717	-0.012475
	0.051143	0.100720	0.019103	-0.047600	0.005582	0.033397
	-0.043692	0.028120	0.030325	0.014039	-0.060730	-0.001714
	0.000639					
y628	-0.014168	-0.012779	0.033484	-0.005292	-0.013117	-0.032328
	0.044190	0.027759	0.002188	0.006728	-0.006704	0.005179
	-0.006494	0.015927	-0.021577	-0.007950	0.012068	-0.000130
	0.043940	-0.010600	-0.016910	-0.019187	0.010412	0.023006
	0.027731	0.001414	0.010021	-0.012666	-0.005800	0.018323
	-0.014050					
z628	-0.005089	0.054383	-0.008184	0.034776	-0.013253	-0.006183
	-0.003043	-0.004507	-0.030993	0.008366	-0.006761	-0.031085
	-0.023410	0.008629	-0.047251	-0.005800	-0.028459	-0.007874
	-0.003980	0.003712	-0.011320	-0.024771	0.044091	0.014219
	-0.002085	0.013251	0.007140	0.033760	0.016251	0.032586
	0.017245					
x629	-0.021776	-0.008460	-0.028073	-0.002359	0.011376	0.023579
	-0.000195	-0.033716	0.011644	-0.055391	-0.043027	0.062994
	-0.009883	0.046216	-0.025371	-0.050067	-0.017976	-0.022689
	0.048962	0.085365	0.012906	-0.043797	-0.010125	0.030929
	-0.048491	0.027495	0.029492	0.019379	-0.040329	-0.003379
	-0.016516					
y629	-0.015424	-0.010959	0.033855	-0.007627	-0.014583	-0.034705
	0.045567	0.032105	0.002072	0.008360	-0.002564	-0.004904
	-0.004582	0.018415	-0.014035	-0.000454	0.014872	0.007634
	0.036013	-0.010243	-0.010865	-0.011588	0.002525	0.022294
	0.025024	0.004009	0.012473	-0.018004	-0.010945	0.019296
	-0.010966					

z629	-0.003988	0.054978	-0.012367	0.039495	-0.009381	-0.002187
	-0.003558	-0.016507	-0.033234	0.008764	0.000671	-0.038059
	-0.021043	0.005365	-0.039430	0.000782	-0.022655	-0.006925
	-0.006519	0.000888	-0.010813	-0.028357	0.049378	0.015917
	0.008532	0.006568	0.004167	0.032062	0.008723	0.013467
	0.022098					
x630	-0.018831	-0.007678	-0.029399	-0.000530	0.015341	0.019101
	-0.002918	-0.033982	0.010707	-0.051620	-0.042617	0.065401
	-0.006949	0.040004	-0.016658	-0.046740	-0.010228	-0.028265
	0.043379	0.069617	0.012056	-0.037710	-0.018950	0.025629
	-0.043916	0.022862	0.025662	0.017336	-0.023819	-0.002363
	-0.025015					
y630	-0.014890	-0.007708	0.032584	-0.006946	-0.018545	-0.034527
	0.048144	0.034102	0.001034	0.008642	-0.000414	-0.012407
	-0.005715	0.024623	-0.008867	0.004075	0.010041	0.017010
	0.033184	-0.009592	-0.006281	-0.013629	0.004150	0.020312
	0.023166	-0.002253	0.017478	-0.012010	-0.019182	0.020792
	0.001140					
z630	-0.003677	0.054944	-0.015081	0.041245	-0.005145	0.001400
	-0.006780	-0.028024	-0.035073	0.007968	0.006529	-0.041216
	-0.016791	0.000944	-0.036187	0.007187	-0.013004	-0.009922
	-0.009922	0.001266	-0.008652	-0.025741	0.046181	0.022009
	0.011466	0.012024	0.003505	0.022292	0.004147	-0.006196
	0.016371					
x631	-0.016048	-0.006187	-0.030136	0.002282	0.017597	0.014818
	-0.005588	-0.032598	0.009006	-0.045859	-0.039742	0.064683
	-0.002280	0.033638	-0.007509	-0.042841	-0.004168	-0.029629
	0.034657	0.052987	0.013899	-0.033633	-0.021127	0.019263
	-0.035710	0.015548	0.020129	0.012493	-0.011501	0.000006
	-0.028625					
y631	-0.014027	-0.004073	0.029430	-0.006547	-0.021300	-0.032310
	0.048337	0.034221	-0.000708	0.006171	0.002174	-0.017050
	-0.007675	0.028872	-0.008151	0.009594	0.008840	0.020233
	0.031892	-0.006705	-0.002712	-0.016362	0.003761	0.020536
	0.019576	0.001768	0.021000	-0.011005	-0.026044	0.012876
	0.006099					
z631	-0.002902	0.053978	-0.016069	0.043266	-0.003029	0.004010
	-0.008364	-0.038222	-0.037155	0.008365	0.008265	-0.041970
	-0.013942	-0.003226	-0.030150	0.011674	-0.007285	-0.009091
	-0.010563	0.002601	-0.005892	-0.019038	0.043889	0.027622
	0.013887	0.009862	0.005752	0.025370	0.002786	-0.017815
	0.019985					

x632	-0.013446	-0.004272	-0.030599	0.005555	0.018242	0.010909
	-0.007758	-0.029919	0.006613	-0.040139	-0.035309	0.061157
	0.002610	0.027748	-0.000288	-0.038620	0.001038	-0.029687
	0.025752	0.036855	0.016661	-0.032891	-0.019701	0.011804
	-0.023831	0.008531	0.013013	0.007043	-0.003940	0.003687
	-0.030226					
y632	-0.012787	0.000153	0.025446	-0.005541	-0.023588	-0.028747
	0.047366	0.030398	-0.002133	0.003907	0.002687	-0.018307
	-0.008975	0.030510	-0.006349	0.013363	0.008378	0.023176
	0.030677	-0.004086	-0.000719	-0.015595	0.001597	0.025345
	0.011572	0.004106	0.026283	-0.008035	-0.032619	-0.002075
	0.015844					
z632	-0.001557	0.051819	-0.016627	0.044634	-0.002118	0.005781
	-0.009461	-0.043693	-0.041046	0.007624	0.010195	-0.042282
	-0.011341	-0.005166	-0.027163	0.015756	-0.003120	-0.012742
	-0.008718	0.005856	-0.004067	-0.015379	0.042596	0.024880
	0.019630	0.011016	0.005389	0.025528	0.006928	-0.020708
	0.015068					
x633	-0.011605	-0.002109	-0.030276	0.008769	0.018535	0.007188
	-0.009371	-0.028263	0.004738	-0.034510	-0.031003	0.055362
	0.007325	0.022092	0.005807	-0.034551	0.006487	-0.027081
	0.014911	0.020454	0.020172	-0.031141	-0.017686	0.005874
	-0.011269	0.002847	0.002858	0.001582	-0.000324	0.004364
	-0.027254					
y633	-0.010391	0.004516	0.020136	-0.003917	-0.026597	-0.023799
	0.045616	0.026715	-0.004782	0.001363	0.002653	-0.017183
	-0.009217	0.030592	-0.005322	0.014980	0.007609	0.021380
	0.033200	0.000141	-0.000318	-0.017952	0.000802	0.030280
	0.004473	0.005721	0.034653	-0.003312	-0.035644	-0.014764
	0.020517					
z633	-0.001064	0.050658	-0.016625	0.045361	-0.000317	0.006749
	-0.011966	-0.050997	-0.045466	0.007694	0.011151	-0.042103
	-0.010103	-0.006739	-0.023030	0.018248	-0.001913	-0.008791
	-0.013591	0.007189	-0.005910	-0.008479	0.038201	0.019743
	0.018308	0.014649	-0.001739	0.019184	0.007041	-0.029944
	0.022321					
x634	-0.010060	-0.000598	-0.028569	0.012175	0.019511	0.002102
	-0.011124	-0.026543	0.004775	-0.030235	-0.030027	0.046602
	0.013308	0.016778	0.012328	-0.028934	0.016641	-0.024993
	0.007142	0.005155	0.025376	-0.030529	-0.014764	0.001686
	-0.000741	-0.000167	-0.003614	0.003311	0.001636	0.001451
	-0.025889					

y634	-0.007417	0.009916	0.012976	-0.001896	-0.030709	-0.016333
	0.043833	0.020408	-0.009863	-0.000024	0.004356	-0.013943
	-0.009301	0.030472	-0.006606	0.013688	0.002508	0.017912
	0.033072	0.003875	-0.003142	-0.018631	0.000395	0.033051
	-0.001611	0.007193	0.036793	-0.003654	-0.037379	-0.027268
	0.029639					
z634	-0.000179	0.048345	-0.015664	0.046809	0.003138	0.006011
	-0.016690	-0.054441	-0.047446	0.007578	0.009617	-0.042793
	-0.007267	-0.008278	-0.017578	0.024627	0.005093	-0.005809
	-0.014778	0.010212	-0.004976	-0.004847	0.034551	0.013654
	0.016052	0.018868	-0.008117	0.013595	0.016299	-0.041010
	0.019654					
x635	-0.008979	-0.000109	-0.025410	0.014507	0.019221	-0.001721
	-0.010718	-0.025887	0.004372	-0.030903	-0.033279	0.041785
	0.021303	0.013796	0.010722	-0.024352	0.021211	-0.023755
	0.002019	-0.009263	0.029463	-0.035295	-0.003603	-0.000722
	0.004664	0.000147	-0.000736	0.006424	-0.007014	-0.008981
	-0.014103					
y635	-0.003944	0.016236	0.004134	0.001278	-0.034393	-0.008828
	0.039737	0.013711	-0.015310	0.003378	0.010585	-0.014138
	-0.009691	0.027826	-0.003064	0.011123	0.002875	0.013481
	0.030543	0.007449	-0.008143	-0.012039	-0.008596	0.030639
	-0.004493	0.008935	0.027307	-0.002321	-0.027503	-0.026917
	0.027240					
z635	-0.000404	0.043524	-0.013723	0.047028	0.006533	0.005570
	-0.023060	-0.052703	-0.046540	0.007151	0.011440	-0.039953
	-0.002165	-0.007260	-0.010931	0.028100	0.008947	-0.000466
	-0.017056	0.011019	-0.006722	0.007750	0.027080	0.003739
	0.016650	0.025302	-0.017301	0.013394	0.026259	-0.025464
	0.012306					
x636	-0.009181	-0.001017	-0.022318	0.014311	0.018393	-0.001954
	-0.009597	-0.027618	0.003779	-0.031755	-0.035249	0.041530
	0.028182	0.012643	0.005816	-0.025158	0.023844	-0.025210
	0.003644	-0.017459	0.029385	-0.042733	0.004953	0.000668
	0.003882	-0.001240	0.006956	0.005828	-0.008377	-0.020496
	-0.006185					
y636	-0.000709	0.021805	-0.002292	0.004119	-0.037195	-0.005285
	0.037110	0.010216	-0.019564	0.004422	0.013612	-0.015260
	-0.008869	0.023815	0.000195	0.012383	0.002402	0.009271
	0.027456	0.008384	-0.009635	-0.008262	-0.014204	0.027116
	-0.005105	0.015406	0.019052	0.001793	-0.026439	-0.024524
	0.025006					

z636	-0.000785	0.041087	-0.010936	0.045258	0.009204	0.004193
	-0.023820	-0.051822	-0.046202	0.005009	0.010236	-0.033656
	0.005314	-0.010396	-0.009417	0.028674	0.007489	-0.005089
	-0.011418	0.009768	-0.005974	0.003391	0.024167	0.004535
	0.010158	0.035985	-0.016802	0.016469	0.028140	-0.022173
	0.004742					
x637	-0.009363	-0.003080	-0.019763	0.015196	0.015760	-0.005384
	-0.010969	-0.029740	0.003561	-0.028085	-0.033509	0.034417
	0.035084	0.013258	0.006144	-0.024554	0.031468	-0.020009
	0.002742	-0.024319	0.025614	-0.040842	0.002580	-0.007293
	0.008023	0.001181	-0.001023	0.014319	-0.007434	-0.024276
	-0.002481					
y637	0.002959	0.027484	-0.008129	0.007011	-0.038466	0.000761
	0.036303	0.005781	-0.024639	0.000177	0.009787	-0.012728
	-0.007539	0.019743	-0.002457	0.013745	-0.002561	0.000938
	0.025301	0.010454	-0.008240	-0.014279	-0.010883	0.029165
	-0.006624	0.019430	0.021530	-0.005174	-0.034083	-0.035834
	0.029875					
z637	-0.000412	0.038146	-0.008794	0.045545	0.012104	0.001058
	-0.023862	-0.050526	-0.046710	0.000735	0.004520	-0.029356
	0.011481	-0.010729	-0.012792	0.031349	0.010190	-0.006879
	-0.005297	0.006950	-0.006673	-0.005869	0.022891	0.005139
	0.013947	0.047437	-0.020382	0.013590	0.007467	-0.040020
	0.008754					
x638	-0.011067	-0.004458	-0.016230	0.013533	0.012174	-0.008887
	-0.011537	-0.032922	0.005575	-0.025467	-0.030574	0.028806
	0.037800	0.011216	0.006306	-0.022204	0.031956	-0.016569
	-0.005203	-0.029408	0.024544	-0.031605	0.001236	-0.018279
	0.003422	-0.000943	-0.003267	0.028224	0.004964	-0.011476
	-0.002657					
y638	0.007115	0.032286	-0.013534	0.010730	-0.038644	0.007043
	0.035185	0.002075	-0.029649	-0.003273	0.005447	-0.010860
	-0.006650	0.017295	-0.003065	0.014573	-0.005739	-0.006440
	0.024994	0.012456	-0.007320	-0.020420	-0.007716	0.028322
	-0.004571	0.022548	0.023568	-0.016571	-0.043624	-0.046435
	0.034347					
z638	-0.001888	0.034898	-0.004495	0.042762	0.014863	-0.001713
	-0.021835	-0.050409	-0.043447	-0.003039	0.000177	-0.024594
	0.011617	-0.012437	-0.013058	0.035061	0.006200	-0.008622
	-0.006385	0.005634	-0.002529	-0.003537	0.022673	0.000093
	0.008420	0.048401	-0.016212	0.015994	0.004811	-0.031741
	0.007814					

x639	-0.013127	-0.006241	-0.012994	0.012047	0.009264	-0.013095
	-0.013394	-0.034300	0.007263	-0.022708	-0.028269	0.022732
	0.043739	0.009064	0.004793	-0.020629	0.033634	-0.014299
	-0.012709	-0.033713	0.021648	-0.030114	-0.001182	-0.023895
	-0.000981	0.002528	-0.008816	0.035168	0.012101	-0.002649
	-0.003201					
y639	0.011570	0.035416	-0.017751	0.013915	-0.037571	0.013026
	0.033742	-0.002352	-0.034534	-0.006235	0.002141	-0.009135
	-0.004793	0.015793	-0.003657	0.012029	-0.005422	-0.014047
	0.025651	0.014888	-0.007504	-0.022655	-0.005625	0.026240
	-0.005362	0.024653	0.022503	-0.033942	-0.052706	-0.052819
	0.037953					
z639	-0.003855	0.029169	-0.000216	0.039804	0.019873	-0.005760
	-0.021580	-0.046591	-0.039849	-0.005547	-0.003448	-0.020491
	0.016980	-0.012762	-0.014592	0.035974	0.005961	-0.010298
	-0.009286	0.004093	-0.000671	-0.008721	0.018291	0.001673
	0.002748	0.053488	-0.016204	0.011018	-0.000696	-0.026856
	0.005042					
x640	-0.015305	-0.006930	-0.009677	0.011035	0.004830	-0.017295
	-0.014799	-0.034939	0.010409	-0.020721	-0.027502	0.015014
	0.049345	0.006352	0.000236	-0.017114	0.035185	-0.012854
	-0.016930	-0.036325	0.017851	-0.034045	0.000947	-0.027262
	-0.005513	0.002523	-0.015470	0.037232	0.014141	-0.005198
	0.000459					
y640	0.016174	0.036863	-0.021245	0.016683	-0.035112	0.018204
	0.031869	-0.006789	-0.038824	-0.008161	-0.000028	-0.008158
	-0.001760	0.016346	-0.002513	0.008106	-0.002711	-0.020625
	0.026134	0.018270	-0.009533	-0.022019	-0.003294	0.021776
	-0.008387	0.026132	0.020692	-0.055326	-0.060628	-0.057659
	0.039861					
z640	-0.005997	0.022781	0.004369	0.036742	0.024020	-0.010001
	-0.021074	-0.041181	-0.033861	-0.008083	-0.006963	-0.018647
	0.023880	-0.011936	-0.019205	0.037487	0.007985	-0.011241
	-0.011128	0.003185	0.001014	-0.016700	0.016946	0.003868
	-0.004049	0.053811	-0.018767	0.003883	-0.008585	-0.031639
	0.005526					
x641	-0.016967	-0.007359	-0.005361	0.012271	-0.001081	-0.021271
	-0.013822	-0.038661	0.012085	-0.017194	-0.029813	0.009622
	0.055169	0.005206	-0.002480	-0.016798	0.035761	-0.010587
	-0.015062	-0.037872	0.015631	-0.031079	0.002038	-0.036647
	-0.007966	0.003847	-0.019072	0.034737	0.007799	-0.003230
	0.013720					

y641	0.021353	0.036138	-0.024670	0.019454	-0.031776	0.022285
	0.029177	-0.009209	-0.042043	-0.009718	-0.001322	-0.008030
	0.000356	0.018614	-0.000085	0.005302	0.000738	-0.024258
	0.025831	0.021943	-0.011492	-0.017177	-0.001949	0.016788
	-0.010439	0.024962	0.017334	-0.072221	-0.064937	-0.058339
	0.041930					
z641	-0.007888	0.015183	0.010533	0.034794	0.026778	-0.013525
	-0.017584	-0.039925	-0.028940	-0.008145	-0.011827	-0.015205
	0.032893	-0.008343	-0.022399	0.033336	0.009830	-0.009256
	-0.007536	0.002897	0.005937	-0.014425	0.012952	-0.001668
	-0.009336	0.055461	-0.018595	-0.003073	-0.022147	-0.029324
	0.015751					
x642	-0.018790	-0.007870	-0.000877	0.009694	-0.005236	-0.024416
	-0.013870	-0.041288	0.016153	-0.014443	-0.029186	0.000892
	0.058488	-0.000164	0.000522	-0.013000	0.033471	-0.009234
	-0.009990	-0.038018	0.011515	-0.036655	0.005735	-0.032535
	-0.007112	-0.000312	-0.021569	0.032282	0.015955	0.002263
	0.009698					
y642	0.026684	0.033301	-0.028091	0.021260	-0.027760	0.025515
	0.025466	-0.011014	-0.044204	-0.011252	-0.000696	-0.009272
	0.004533	0.021987	0.003986	0.002302	0.004321	-0.025622
	0.023778	0.025582	-0.013156	-0.008702	-0.002013	0.010609
	-0.013508	0.021625	0.013808	-0.083410	-0.062296	-0.055342
	0.039144					
z642	-0.010267	0.006187	0.017197	0.028429	0.031374	-0.016503
	-0.015552	-0.036463	-0.020861	-0.009274	-0.011653	-0.015183
	0.040151	-0.007672	-0.021376	0.032459	0.010085	-0.007946
	-0.005526	0.002752	0.010074	-0.017389	0.009524	0.002635
	-0.013801	0.053111	-0.017961	-0.006705	-0.017083	-0.021704
	0.007336					
x643	-0.019271	-0.006458	0.002178	0.010005	-0.009748	-0.029178
	-0.012162	-0.039608	0.017528	-0.010207	-0.030665	-0.001395
	0.056913	-0.003640	0.002956	-0.010444	0.034377	-0.010552
	-0.003321	-0.040977	0.004483	-0.034632	0.006254	-0.030073
	-0.001573	-0.006782	-0.022559	0.022479	0.008006	0.000222
	0.016692					
y643	0.032395	0.028492	-0.031442	0.022384	-0.023624	0.027577
	0.021473	-0.011273	-0.045739	-0.012881	0.000392	-0.009234
	0.005031	0.025247	0.009027	-0.001527	0.006040	-0.026190
	0.020787	0.028233	-0.013004	0.006095	-0.002235	0.004842
	-0.015800	0.013392	0.009371	-0.082320	-0.056660	-0.047967
	0.036724					

z643	-0.011713	-0.002822	0.023199	0.023178	0.034580	-0.020404
	-0.012667	-0.028627	-0.013989	-0.008941	-0.011984	-0.011262
	0.041893	-0.004689	-0.021824	0.030326	0.013300	-0.007896
	-0.003375	-0.000340	0.011327	-0.013534	0.004427	0.005832
	-0.012936	0.050106	-0.017711	-0.011777	-0.023283	-0.020920
	0.008891					
x644	-0.019442	-0.003788	0.003386	0.009733	-0.014660	-0.033407
	-0.011707	-0.036779	0.019990	-0.009274	-0.029767	-0.001745
	0.055742	-0.009548	0.006121	-0.008364	0.029140	-0.016682
	0.000129	-0.039658	-0.002933	-0.032542	0.003500	-0.023168
	-0.003180	-0.016302	-0.018035	0.011170	0.006235	-0.001413
	0.016967					
y644	0.037392	0.024390	-0.034495	0.019198	-0.014806	0.027264
	0.019014	-0.008765	-0.042445	-0.013797	-0.002762	-0.011557
	-0.005330	0.017489	0.013998	-0.002947	0.003316	-0.021299
	0.018866	0.018588	-0.010455	0.007619	0.015026	0.014979
	-0.012294	-0.007401	0.010031	-0.056510	-0.029057	-0.028414
	0.011454					
z644	-0.012939	-0.011718	0.028721	0.015449	0.036441	-0.023522
	-0.008367	-0.019170	-0.006156	-0.010116	-0.011158	-0.007414
	0.039947	-0.006784	-0.022651	0.027050	0.010468	-0.011559
	-0.003262	-0.005861	0.012092	-0.010008	0.002379	0.013409
	-0.014567	0.042958	-0.011857	-0.006955	-0.018159	-0.015703
	0.001098					
x645	-0.017510	0.000614	0.004256	0.013300	-0.020808	-0.036575
	-0.011201	-0.036438	0.022368	-0.006771	-0.032882	-0.002148
	0.052305	-0.013435	0.016239	-0.002998	0.022395	-0.016444
	0.007750	-0.034139	-0.009603	-0.028496	0.001365	-0.017123
	-0.000470	-0.025739	-0.016131	0.001465	-0.004749	-0.002086
	0.021946					
y645	0.041587	0.015273	-0.033948	0.012657	0.001090	0.026774
	0.018471	-0.011487	-0.037664	-0.014003	0.002102	-0.014983
	-0.003845	0.013847	0.007995	-0.011966	0.001122	-0.010456
	0.021374	0.005814	-0.011891	-0.006184	0.025647	0.017065
	-0.013196	-0.031557	0.012673	-0.039743	-0.025538	-0.016372
	0.013761					
z645	-0.013076	-0.020692	0.035719	0.006181	0.034995	-0.022855
	-0.003024	-0.014187	0.002789	-0.011579	-0.011344	-0.005627
	0.037759	-0.004076	-0.019051	0.025823	0.005353	-0.012616
	-0.000645	-0.011281	0.013877	-0.007856	-0.002192	0.020209
	-0.012853	0.041241	-0.009099	-0.001168	-0.020986	-0.011302
	0.001490					

x646	-0.013255	0.005551	0.002803	0.021659	-0.027227	-0.040569
	-0.009360	-0.033687	0.021625	-0.003848	-0.033766	0.001724
	0.046185	-0.014835	0.024452	-0.002856	0.016016	-0.018533
	0.011697	-0.023292	-0.011723	-0.016208	-0.002102	-0.023499
	-0.002417	-0.031168	-0.009426	-0.011333	-0.013616	-0.005297
	0.027537					
y646	0.044455	0.005194	-0.033503	0.008832	0.010893	0.026669
	0.014571	-0.013386	-0.036986	-0.011753	0.010586	-0.014953
	0.004466	0.019436	0.002938	-0.024545	0.006020	-0.005295
	0.018164	0.003924	-0.010197	-0.009059	0.023231	0.005437
	-0.020886	-0.044104	0.011790	-0.040448	-0.029261	-0.014262
	0.027436					
z646	-0.011903	-0.027535	0.041455	-0.000257	0.028706	-0.022319
	0.005883	-0.008962	0.007518	-0.012467	-0.010470	-0.002733
	0.029763	-0.002368	-0.016904	0.021273	-0.002252	-0.015848
	-0.000125	-0.013382	0.018021	0.001603	-0.004517	0.018918
	-0.009200	0.043647	-0.001321	0.007696	-0.021408	-0.008916
	0.004349					
x647	-0.008467	0.011506	-0.000778	0.030217	-0.032743	-0.042556
	-0.008545	-0.030595	0.021051	-0.000973	-0.035627	0.004745
	0.039652	-0.013870	0.032154	-0.001735	0.010996	-0.017726
	0.011738	-0.017073	-0.009238	-0.003650	-0.005438	-0.030046
	-0.006554	-0.036442	-0.003269	-0.023531	-0.020065	-0.005252
	0.027005					
y647	0.045868	-0.005082	-0.031962	0.003842	0.017420	0.027851
	0.010480	-0.013893	-0.036806	-0.008180	0.020238	-0.014960
	0.011623	0.025032	0.000612	-0.035434	0.010952	0.000123
	0.011654	0.005718	-0.004952	-0.005557	0.016031	-0.008469
	-0.026992	-0.048498	0.011743	-0.042242	-0.025481	-0.015448
	0.039901					
z647	-0.010080	-0.032064	0.044620	-0.006113	0.020718	-0.019426
	0.014229	-0.005110	0.010587	-0.015216	-0.009122	-0.001371
	0.020784	0.002288	-0.015936	0.019344	-0.010597	-0.018031
	-0.003094	-0.021314	0.023867	0.010001	-0.005615	0.017524
	-0.005644	0.046688	0.004754	0.016959	-0.022899	-0.001563
	0.000038					
x648	-0.003732	0.017080	-0.004646	0.036541	-0.036651	-0.043285
	-0.006470	-0.029687	0.021781	-0.000966	-0.038505	0.006133
	0.033866	-0.016072	0.038422	-0.000108	0.011617	-0.011007
	0.007285	-0.007977	-0.011459	0.008205	-0.009153	-0.035822
	-0.007917	-0.042788	0.004991	-0.034208	-0.019472	-0.007010
	0.024573					

y648	0.046180	-0.015736	-0.029777	-0.002037	0.022420	0.030664
	0.007300	-0.013026	-0.037366	-0.004616	0.031971	-0.015642
	0.017656	0.030637	0.000176	-0.041759	0.012924	0.005388
	0.005685	0.008218	0.001642	0.002162	0.006760	-0.022909
	-0.029448	-0.044500	0.012083	-0.042635	-0.013280	-0.016036
	0.048656					
z648	-0.007129	-0.034299	0.045378	-0.009155	0.012324	-0.017316
	0.024541	-0.003840	0.012464	-0.021839	-0.007474	0.000597
	0.011848	0.003293	-0.014900	0.020225	-0.014146	-0.014532
	-0.005881	-0.025092	0.018897	0.016366	-0.006103	0.019009
	0.004605	0.042976	0.008605	0.027842	-0.021325	0.009327
	-0.004649					
x649	0.002928	0.016498	-0.008313	0.039831	-0.036027	-0.039225
	-0.006443	-0.027147	0.018392	-0.001400	-0.033549	0.006307
	0.028175	-0.016564	0.043793	-0.003681	0.004903	-0.007109
	0.003869	-0.004743	-0.010735	0.017781	-0.006491	-0.039289
	-0.008637	-0.041385	0.008851	-0.040698	-0.014132	-0.013502
	0.023521					
y649	0.043843	-0.021769	-0.026440	-0.008257	0.023271	0.031305
	0.005687	-0.014441	-0.032877	-0.001726	0.035536	-0.017224
	0.021767	0.032572	-0.000425	-0.041311	0.016111	0.006046
	-0.000377	0.013081	0.005733	0.009486	-0.002647	-0.030103
	-0.028133	-0.038745	0.014999	-0.043261	-0.003985	-0.018281
	0.050486					
z649	-0.004682	-0.032885	0.043438	-0.009837	0.002804	-0.014525
	0.029703	-0.003184	0.013921	-0.029912	-0.013724	0.003452
	0.004358	0.002708	-0.010823	0.018139	-0.015238	-0.012297
	-0.003037	-0.032159	0.014709	0.019714	0.002802	0.026758
	0.010789	0.036345	0.009699	0.037118	-0.017055	0.014839
	-0.007918					
x650	0.011216	0.010945	-0.011250	0.041125	-0.032065	-0.033299
	-0.003850	-0.024208	0.011103	-0.001117	-0.021005	0.004031
	0.021868	-0.015444	0.042480	-0.009655	-0.005635	-0.003155
	-0.004315	-0.001432	-0.010808	0.024676	-0.005800	-0.042976
	-0.007495	-0.039728	0.009804	-0.044339	-0.011116	-0.018895
	0.023764					
y650	0.039014	-0.022042	-0.022384	-0.014265	0.021342	0.031376
	0.004075	-0.018271	-0.022074	-0.000785	0.026199	-0.018173
	0.024144	0.031695	-0.004666	-0.036696	0.022459	0.008453
	-0.002770	0.015547	0.010901	0.014256	-0.007443	-0.035526
	-0.026310	-0.028887	0.025101	-0.040767	0.006698	-0.019838
	0.042694					

z650	-0.002486	-0.028907	0.039455	-0.006057	-0.008399	-0.013552
	0.035964	-0.002561	0.013281	-0.037885	-0.024057	0.006581
	-0.003297	0.005180	-0.010599	0.012836	-0.012807	-0.009054
	-0.006769	-0.031640	0.007078	0.020722	0.008351	0.028570
	0.011566	0.021345	0.006825	0.042485	-0.020236	0.020991
	-0.007676					
x651	0.018651	0.004985	-0.011933	0.037449	-0.027038	-0.026144
	-0.000569	-0.024483	0.006930	-0.000780	-0.012120	-0.002355
	0.016789	-0.015492	0.039958	-0.012676	-0.015904	-0.000088
	-0.011385	0.001113	-0.010661	0.027797	-0.006988	-0.041392
	-0.005008	-0.037282	0.010801	-0.046187	-0.005252	-0.023823
	0.014605					
y651	0.033642	-0.020387	-0.018569	-0.017605	0.018458	0.029918
	0.005147	-0.021463	-0.010523	-0.000099	0.015162	-0.019001
	0.024025	0.028990	-0.006734	-0.028645	0.026551	0.007807
	-0.001808	0.018571	0.013832	0.016805	-0.010446	-0.033809
	-0.019610	-0.020463	0.029504	-0.035641	0.011878	-0.019201
	0.032776					
z651	0.000518	-0.025179	0.036063	-0.000493	-0.020326	-0.010504
	0.037371	-0.001533	0.008066	-0.046713	-0.030507	0.009492
	-0.009259	0.011417	-0.006445	0.007754	-0.012644	-0.003277
	-0.008921	-0.027077	0.001864	0.020919	0.006781	0.025740
	0.014364	0.008172	-0.000679	0.044118	-0.017558	0.022564
	-0.008503					
x652	0.025642	-0.002347	-0.011830	0.030905	-0.018093	-0.018279
	0.004260	-0.028335	0.007290	-0.000329	-0.004676	-0.008587
	0.012239	-0.019630	0.029891	-0.010308	-0.025616	0.001662
	-0.018891	0.001992	-0.012473	0.026090	-0.001617	-0.033732
	-0.001669	-0.032500	0.013145	-0.044353	-0.005195	-0.027086
	0.002697					
y652	0.028132	-0.018599	-0.013857	-0.018618	0.015693	0.027901
	0.008091	-0.023287	-0.000610	-0.000137	0.003592	-0.018859
	0.021349	0.025298	-0.008537	-0.021210	0.026689	0.006105
	0.000108	0.019575	0.015839	0.015777	-0.008710	-0.029298
	-0.009936	-0.010696	0.030628	-0.026754	0.011817	-0.016391
	0.022023					
z652	0.003956	-0.023925	0.031851	0.007543	-0.028186	-0.006461
	0.035474	-0.001745	0.002245	-0.055921	-0.031843	0.016624
	-0.016932	0.019037	-0.009157	0.004214	-0.016014	0.001680
	-0.017159	-0.019368	-0.005388	0.019256	0.009923	0.024106
	0.014574	-0.003146	-0.019375	0.039372	-0.017898	0.016208
	-0.000645					

x653	0.032471	-0.011415	-0.009525	0.021262	-0.006149	-0.007975
	0.010901	-0.033154	0.017944	0.002130	0.002575	-0.016155
	0.011930	-0.025381	0.013135	-0.000980	-0.035907	-0.000239
	-0.026503	0.000144	-0.022011	0.021843	0.004396	-0.022518
	-0.001271	-0.029986	0.023622	-0.036112	-0.011164	-0.018362
	-0.013391					
y653	0.023077	-0.017849	-0.006705	-0.018339	0.013446	0.027495
	0.011914	-0.022794	0.009422	0.000157	-0.006266	-0.018583
	0.017539	0.021853	-0.013033	-0.013056	0.020261	0.002486
	0.000659	0.018818	0.010314	0.014277	-0.006365	-0.022971
	-0.003719	-0.002189	0.026704	-0.014457	0.004183	-0.007996
	0.013698					
z653	0.007110	-0.025132	0.027629	0.016906	-0.034901	-0.004055
	0.030862	0.001824	-0.001044	-0.060114	-0.031875	0.023942
	-0.025787	0.032280	-0.005609	-0.002853	-0.018265	0.001257
	-0.023874	-0.014036	-0.004995	0.009351	0.010283	0.016274
	0.013285	-0.016801	-0.037721	0.032715	-0.013016	0.007072
	0.013389					
x654	0.037850	-0.014069	-0.008805	0.009795	0.001575	-0.001552
	0.009988	-0.035483	0.029221	-0.003490	0.011067	-0.020042
	0.008290	-0.022469	0.004940	-0.006123	-0.037742	-0.008939
	-0.020680	-0.009392	-0.017850	0.013869	0.011274	-0.009503
	0.007967	-0.033678	0.015159	-0.036730	-0.010141	-0.021779
	-0.011688					
y654	0.015755	-0.013598	0.000540	-0.014500	0.006323	0.022380
	0.011897	-0.018318	0.014821	-0.002954	-0.016390	-0.014532
	0.007303	0.025639	-0.010542	-0.012592	0.016972	-0.001152
	0.003996	0.012909	0.012287	0.008510	-0.000461	-0.018318
	0.006110	-0.000918	0.005431	-0.007619	0.002858	-0.001176
	0.014050					
z654	0.008528	-0.028861	0.022257	0.024506	-0.033584	0.001564
	0.022200	-0.002357	-0.006708	-0.057414	-0.026046	0.030164
	-0.024582	0.030478	-0.009882	-0.003360	-0.019389	0.001297
	-0.024051	-0.011134	-0.011169	-0.002832	0.015498	0.018610
	0.007506	-0.022549	-0.032201	0.027659	-0.021026	0.003628
	0.019959					
x655	0.041583	-0.015032	-0.009555	0.002066	0.007626	0.001611
	0.007451	-0.038906	0.034605	-0.005715	0.015148	-0.021451
	-0.000792	-0.020692	0.000932	-0.013972	-0.031908	-0.013835
	-0.011355	-0.017598	-0.005742	-0.001351	0.015867	-0.002357
	0.018097	-0.029156	0.007983	-0.033242	-0.004328	-0.028836
	-0.007627					

y655	0.009451	-0.010786	0.005707	-0.010425	-0.000201	0.016241
	0.010789	-0.013909	0.012450	-0.001676	-0.023982	-0.011980
	-0.002668	0.030315	-0.007010	-0.016970	0.013940	-0.002905
	0.006262	0.004860	0.016510	0.002047	0.004457	-0.018530
	0.011134	-0.001626	-0.015605	-0.002932	0.003555	0.000830
	0.019880					
z655	0.009529	-0.032216	0.016248	0.032216	-0.031124	0.004394
	0.013848	-0.006986	-0.012154	-0.051088	-0.020063	0.032282
	-0.025135	0.022711	-0.015334	-0.003539	-0.010005	0.003543
	-0.020246	-0.004792	-0.013709	-0.011971	0.014362	0.020291
	0.000763	-0.027221	-0.021154	0.021355	-0.028627	-0.006447
	0.028307					
x656	0.042821	-0.015285	-0.009688	-0.004037	0.012035	0.001974
	0.005055	-0.040981	0.037324	-0.005221	0.015419	-0.022850
	-0.008873	-0.021870	0.000323	-0.019006	-0.030012	-0.015060
	-0.007491	-0.024261	0.006114	-0.013967	0.015567	0.002827
	0.023968	-0.017800	0.003385	-0.024842	0.003239	-0.024748
	-0.004165					
y656	0.003680	-0.009021	0.008536	-0.007966	-0.005243	0.009245
	0.009144	-0.009381	0.005483	0.001881	-0.028958	-0.011836
	-0.010423	0.034168	-0.003933	-0.022994	0.009239	-0.003149
	0.005266	-0.004533	0.023277	-0.002511	0.007556	-0.020850
	0.012296	-0.002809	-0.033288	0.000895	0.007344	0.000468
	0.026975					
z656	0.009096	-0.033396	0.011812	0.036963	-0.026675	0.005171
	0.005227	-0.010617	-0.016351	-0.042670	-0.014804	0.031552
	-0.023636	0.015243	-0.016864	-0.000953	-0.011707	0.014247
	-0.025971	-0.002232	-0.006369	-0.014413	0.010107	0.018675
	-0.009355	-0.018495	-0.009699	0.018990	-0.020797	-0.003057
	0.030797					
x657	0.041705	-0.014807	-0.010729	-0.007456	0.015538	0.001733
	0.002350	-0.042260	0.034911	-0.003543	0.009404	-0.024843
	-0.017787	-0.023824	0.000521	-0.021940	-0.027573	-0.010846
	-0.006233	-0.027349	0.013985	-0.023777	0.011020	0.006599
	0.028581	-0.007145	0.001850	-0.014378	0.005799	-0.020605
	0.001457					
y657	-0.001731	-0.007997	0.009457	-0.007655	-0.007242	0.002728
	0.006450	-0.006694	-0.005405	0.005003	-0.031737	-0.014000
	-0.017313	0.036908	-0.002495	-0.030465	0.004590	0.000265
	0.000531	-0.015362	0.034384	-0.005810	0.008238	-0.023530
	0.013141	-0.007473	-0.047513	0.002293	0.013080	-0.008393
	0.033178					

z657	0.007268	-0.031680	0.008303	0.041049	-0.020115	0.006177
	-0.004224	-0.014587	-0.017843	-0.035356	-0.013237	0.028772
	-0.023775	0.006425	-0.017263	0.003200	-0.012528	0.031069
	-0.029790	0.002549	-0.001993	-0.015806	0.005409	0.020304
	-0.015700	-0.014324	0.008898	0.019745	-0.018447	0.004749
	0.029705					
x658	0.039150	-0.014615	-0.011824	-0.008268	0.018387	0.001317
	0.000514	-0.039554	0.028876	-0.000681	0.004750	-0.024520
	-0.021742	-0.024972	0.000896	-0.021707	-0.021859	-0.011177
	-0.001241	-0.029029	0.016816	-0.029248	0.004680	0.004448
	0.033277	-0.000815	0.001181	-0.008797	0.008626	-0.021178
	0.008310					
y658	-0.008211	-0.006318	0.012505	-0.003841	-0.011234	-0.000629
	0.003212	-0.000790	-0.009155	0.006528	-0.030498	-0.010436
	-0.015768	0.036904	-0.003574	-0.026909	0.002971	0.000071
	0.001770	-0.015141	0.032343	-0.005337	0.008548	-0.021457
	0.008607	-0.015363	-0.044621	0.001080	0.011606	-0.006978
	0.030320					
z658	0.006473	-0.030055	0.005300	0.041799	-0.010863	0.006230
	-0.011614	-0.016262	-0.018028	-0.026485	-0.001471	0.023296
	-0.017940	0.000583	-0.016842	0.006320	-0.006974	0.030076
	-0.022097	0.002075	0.006030	-0.016990	0.006105	0.012398
	-0.014124	-0.015386	0.020936	0.010899	-0.013210	0.004677
	0.027598					
x659	0.034105	-0.013414	-0.010557	-0.004821	0.018143	0.002018
	-0.003388	-0.031600	0.026025	0.003367	-0.000904	-0.018010
	-0.018935	-0.026157	0.000875	-0.015536	-0.015140	-0.011392
	0.004500	-0.024557	0.009658	-0.031044	-0.001274	0.004158
	0.030215	0.003458	0.010915	-0.000730	0.008852	-0.020589
	0.012096					
y659	-0.015147	-0.003733	0.017523	0.001595	-0.015288	-0.000740
	-0.001739	0.005722	-0.006846	0.006331	-0.026556	-0.001921
	-0.009864	0.033475	-0.005845	-0.016513	0.001272	0.001336
	0.007624	-0.008627	0.021770	-0.002514	0.008715	-0.016714
	-0.000677	-0.023192	-0.028612	0.000723	0.006693	0.004154
	0.019372					
z659	0.005976	-0.027407	0.002206	0.038902	-0.000947	0.004506
	-0.022107	-0.017764	-0.016698	-0.014153	0.012241	0.016547
	-0.009816	-0.007070	-0.012933	0.005015	0.000451	0.021406
	-0.014199	-0.003151	0.017165	-0.019583	0.009823	0.002034
	-0.016513	-0.009063	0.029463	0.009812	-0.004216	-0.002203
	0.024123					

x660	0.027410	-0.011048	-0.007540	-0.001259	0.017991	0.004110
	-0.007773	-0.023780	0.022403	0.004656	-0.007855	-0.009302
	-0.018097	-0.027956	-0.002173	-0.010236	-0.011195	-0.003085
	0.006913	-0.024675	0.002073	-0.026467	-0.011592	0.005027
	0.022014	0.003599	0.017022	-0.000666	0.006043	-0.015735
	0.017824					
y660	-0.020642	-0.001675	0.020855	0.003658	-0.015772	-0.002616
	-0.007834	0.008219	-0.007410	0.008413	-0.018098	0.001175
	-0.007044	0.026877	-0.007821	-0.009486	0.000162	-0.000513
	0.010576	-0.005532	0.018467	-0.001092	0.008564	-0.015535
	-0.005577	-0.030590	-0.018572	0.002933	0.005178	0.006908
	0.009317					
z660	0.004988	-0.021495	-0.000158	0.032552	0.008819	0.001915
	-0.030714	-0.021784	-0.013784	-0.006787	0.022646	0.009124
	-0.005475	-0.016286	-0.008403	0.001586	0.003342	0.017870
	-0.013301	-0.012635	0.022730	-0.019014	0.003415	-0.003505
	-0.022181	-0.002193	0.023659	0.001702	-0.004147	-0.001311
	0.029508					
x661	0.018729	-0.008350	-0.003502	0.001961	0.019406	0.006069
	-0.013635	-0.017582	0.019757	0.006535	-0.013981	-0.000651
	-0.017317	-0.029761	-0.007655	-0.006132	-0.011482	0.007636
	0.006910	-0.021159	-0.004705	-0.020341	-0.016788	0.002479
	0.014395	0.000839	0.022331	-0.000150	0.003683	-0.012608
	0.022892					
y661	-0.025180	-0.000257	0.022234	0.003773	-0.014312	-0.006438
	-0.014812	0.008742	-0.010560	0.012192	-0.006932	0.000438
	-0.005027	0.017383	-0.008855	-0.004288	0.000391	-0.007546
	0.012745	-0.003046	0.018322	-0.000494	0.006361	-0.017145
	-0.010933	-0.033274	-0.011805	0.006537	0.004565	0.004396
	0.001682					
z661	0.002517	-0.013824	-0.002098	0.025678	0.018936	-0.000364
	-0.037419	-0.026228	-0.007918	-0.000691	0.029418	0.003086
	-0.001544	-0.025382	-0.003383	-0.000644	0.001967	0.012623
	-0.013794	-0.012431	0.024012	-0.020395	-0.000220	-0.012086
	-0.026298	0.005653	0.021677	-0.001776	-0.005523	-0.001011
	0.033747					
x662	0.009350	-0.006667	0.001338	0.003664	0.020963	0.008757
	-0.019309	-0.012293	0.016369	0.009096	-0.015026	0.001574
	-0.015497	-0.027736	-0.018478	-0.002525	-0.008743	0.009052
	0.011555	-0.016730	-0.007983	-0.014578	-0.014589	-0.005990
	0.012040	-0.004765	0.025270	-0.000378	0.005791	-0.016904
	0.019426					

y662	-0.029705	0.001052	0.021788	0.003124	-0.011349	-0.012108
	-0.021572	0.008045	-0.015091	0.016729	0.004368	0.000373
	-0.001716	0.004441	-0.008529	0.002539	-0.000362	-0.014826
	0.011255	0.003219	0.017119	0.000211	-0.002606	-0.018094
	-0.017979	-0.029530	-0.005501	0.011193	0.000438	0.001126
	0.000005					
z662	-0.000176	-0.005126	-0.003150	0.018524	0.027826	0.000721
	-0.040217	-0.028556	-0.002148	0.003105	0.035501	-0.006809
	0.004782	-0.027509	-0.002384	0.000959	0.001865	-0.001161
	-0.005892	-0.006295	0.024747	-0.025178	-0.001223	-0.022316
	-0.021667	0.016191	0.022889	-0.000561	-0.004814	-0.007249
	0.026929					
x663	0.000682	-0.005538	0.004309	0.003485	0.022166	0.009035
	-0.023206	-0.007544	0.013038	0.012075	-0.015893	0.002997
	-0.012519	-0.025849	-0.028185	0.001577	-0.007803	0.013015
	0.016799	-0.012499	-0.013472	-0.008225	-0.012439	-0.013544
	0.009375	-0.004487	0.024250	-0.001119	-0.001599	-0.014458
	0.022575					
y663	-0.032035	0.002903	0.023024	0.004321	-0.009840	-0.011724
	-0.026701	0.001004	-0.015797	0.010150	0.010876	-0.003298
	-0.000160	-0.001031	-0.009899	0.003884	-0.000569	-0.022524
	-0.004352	0.019065	0.013207	0.004301	-0.001492	-0.015991
	-0.026143	-0.036393	-0.011601	0.006518	0.021624	0.003940
	0.003045					
z663	-0.002915	0.002576	-0.003037	0.013863	0.033165	0.003600
	-0.040418	-0.030256	0.004653	-0.001314	0.035683	-0.012991
	0.010547	-0.022332	-0.006235	0.003406	-0.001376	-0.004570
	-0.005631	0.004210	0.018297	-0.024956	0.002065	-0.029044
	-0.019611	0.023204	0.017332	-0.005553	-0.001464	0.004281
	0.031291					
x664	-0.007175	-0.004411	0.007212	0.002290	0.023091	0.008787
	-0.024449	-0.003416	0.010109	0.017398	-0.017091	0.002024
	-0.010618	-0.021254	-0.036365	0.003080	-0.009451	0.011591
	0.016991	-0.007572	-0.020130	-0.003751	-0.012243	-0.017108
	0.007726	-0.004441	0.022164	-0.001925	-0.006918	-0.012845
	0.015878					
y664	-0.033449	0.005133	0.024171	0.005390	-0.008630	-0.011061
	-0.032221	-0.004512	-0.016444	0.005552	0.019069	-0.008204
	0.002445	-0.006792	-0.006406	0.003743	0.003528	-0.028966
	-0.014094	0.030922	0.009853	0.010222	0.003939	-0.015106
	-0.031609	-0.041375	-0.013704	-0.003217	0.037464	0.003126
	0.001883					

z664	-0.004850	0.009558	-0.001392	0.009342	0.037611	0.007371
	-0.038616	-0.029080	0.013114	-0.003994	0.034822	-0.018206
	0.013731	-0.013052	-0.008850	0.002418	-0.008559	-0.013105
	-0.004707	0.013497	0.012772	-0.027904	0.005853	-0.022439
	-0.013257	0.027159	0.011568	-0.011134	0.003158	0.015462
	0.020190					
x665	-0.015058	-0.002266	0.009612	0.001807	0.022945	0.006897
	-0.024681	-0.001414	0.006660	0.022770	-0.019282	-0.001178
	-0.009739	-0.018894	-0.040825	0.004956	-0.010986	0.016900
	0.011868	-0.002274	-0.027291	0.003331	-0.019877	-0.022642
	0.012094	-0.005199	0.017618	0.005665	-0.012334	-0.014390
	0.006874					
y665	-0.033747	0.007661	0.024960	0.006602	-0.007551	-0.010491
	-0.036880	-0.007909	-0.016310	0.002507	0.027859	-0.013112
	0.007467	-0.009146	-0.001503	0.000655	0.009227	-0.037747
	-0.018397	0.039792	0.009321	0.015359	0.008665	-0.011398
	-0.034839	-0.043975	-0.016735	-0.017206	0.044299	0.001303
	-0.003314					
z665	-0.007305	0.015975	0.000578	0.006350	0.040399	0.009371
	-0.036362	-0.027907	0.021282	-0.008215	0.032515	-0.021682
	0.014468	-0.007247	-0.009774	0.004513	-0.014443	-0.010884
	-0.004670	0.021145	0.010048	-0.029452	0.001947	-0.018706
	0.002781	0.025791	0.000073	-0.001830	0.008369	0.020942
	0.010090					
x666	-0.022104	0.000369	0.010690	0.002069	0.021186	0.004453
	-0.022673	-0.000867	0.001181	0.028429	-0.022154	-0.006682
	-0.009649	-0.015806	-0.041180	0.002723	-0.012800	0.020633
	0.005916	-0.000660	-0.034365	0.015948	-0.025451	-0.028812
	0.006902	-0.005251	0.011799	0.004208	-0.022592	-0.018709
	0.000828					
y666	-0.033044	0.009824	0.027117	0.008503	-0.005928	-0.009731
	-0.041730	-0.008416	-0.013780	-0.000052	0.036543	-0.012950
	0.013340	-0.009013	0.004160	-0.000766	0.012524	-0.046712
	-0.019934	0.047961	0.010201	0.015146	0.014952	-0.002617
	-0.030634	-0.043563	-0.020896	-0.028472	0.046193	-0.001610
	-0.008658					
z666	-0.008733	0.021035	-0.000110	0.002916	0.040489	0.012011
	-0.031524	-0.027066	0.028053	-0.016756	0.027810	-0.026401
	0.015403	-0.001045	-0.010455	0.001100	-0.015863	-0.011875
	-0.002624	0.023446	0.012165	-0.025821	0.005516	-0.013363
	0.002895	0.021861	-0.013351	-0.009615	0.013238	0.031838
	0.008183					

x667	-0.028159	0.003499	0.015603	0.002950	0.020410	0.008073
	-0.026326	0.001542	0.002279	0.023706	-0.018979	-0.008605
	-0.007005	-0.008880	-0.038524	-0.002159	-0.010255	0.016793
	0.001282	0.004048	-0.034497	0.021630	-0.020859	-0.026929
	0.005509	-0.012063	0.001658	-0.004441	-0.023684	-0.023226
	-0.003476					
y667	-0.031082	0.010620	0.026651	0.008898	-0.004546	-0.011655
	-0.041339	-0.008481	-0.012612	-0.000729	0.040694	-0.011678
	0.018852	-0.007701	0.009677	-0.002802	0.012509	-0.050060
	-0.019232	0.050210	0.011463	0.015500	0.016119	0.006624
	-0.025156	-0.038094	-0.020889	-0.037086	0.037445	-0.002531
	-0.013774					
z667	-0.010183	0.022260	-0.002435	-0.002200	0.039281	0.010782
	-0.023285	-0.023242	0.035694	-0.018367	0.017876	-0.030426
	0.012513	0.005034	-0.011787	0.002678	-0.017404	-0.008721
	-0.004623	0.023297	0.008982	-0.023374	0.001455	-0.010656
	0.008208	0.015987	-0.015622	-0.007519	0.015227	0.027760
	0.002622					
x668	-0.032623	0.007300	0.023862	0.004857	0.019662	0.016437
	-0.032029	0.003607	0.007001	0.009273	-0.009523	-0.004693
	-0.002614	0.000745	-0.033450	-0.008076	-0.005844	0.011845
	-0.001037	0.007602	-0.033048	0.021283	-0.009164	-0.018223
	0.006137	-0.021475	-0.012736	-0.017812	-0.024298	-0.020474
	-0.001856					
y668	-0.027644	0.008397	0.020971	0.007002	-0.004027	-0.019786
	-0.033072	-0.007453	-0.013830	0.005521	0.036668	-0.011269
	0.020828	-0.006134	0.013757	-0.001994	0.008021	-0.045341
	-0.020616	0.045523	0.009363	0.017979	0.008335	0.012130
	-0.017911	-0.026252	-0.012842	-0.035681	0.018325	-0.004221
	-0.020125					
z668	-0.011242	0.021051	-0.006080	-0.007213	0.036135	0.006404
	-0.009807	-0.020043	0.038410	-0.015557	0.006323	-0.030638
	0.007823	0.010266	-0.015686	0.007278	-0.019914	0.002844
	-0.003971	0.017425	-0.003083	-0.019618	-0.009220	-0.009863
	0.016630	0.008876	-0.010042	0.001766	0.002650	0.016061
	0.000981					
x669	-0.036118	0.010614	0.031094	0.007229	0.018616	0.020746
	-0.032563	0.006177	0.013334	-0.003807	-0.001414	-0.001433
	-0.005925	0.011291	-0.023654	-0.012447	-0.005310	0.012401
	-0.007926	0.010387	-0.030273	0.022374	-0.001511	-0.011016
	0.008159	-0.028155	-0.020807	-0.029975	-0.029111	-0.020327
	-0.003978					

y669	-0.022754	0.004092	0.012568	0.002560	-0.003198	-0.029752
	-0.022410	-0.005920	-0.016234	0.010273	0.029372	-0.010206
	0.023262	-0.003068	0.015441	-0.001584	0.002831	-0.040514
	-0.019128	0.040001	0.007390	0.018321	0.000913	0.017696
	-0.009324	-0.014242	-0.004958	-0.026917	0.000939	-0.000547
	-0.021531					
z669	-0.013369	0.020160	-0.009418	-0.011963	0.033139	0.000371
	0.004054	-0.014929	0.043383	-0.013147	-0.003491	-0.030351
	-0.001974	0.013915	-0.018545	0.012093	-0.020868	0.011551
	-0.004952	0.016960	-0.009399	-0.015296	-0.015354	-0.009375
	0.028874	-0.001499	0.000394	0.001913	0.001147	0.001680
	-0.006575					
x670	-0.038560	0.012839	0.036163	0.008065	0.017464	0.022200
	-0.030554	0.008025	0.018667	-0.016391	0.007636	0.001871
	-0.009455	0.023697	-0.010900	-0.013631	-0.005835	0.016811
	-0.015862	0.008577	-0.027473	0.023894	0.003447	-0.007496
	0.004203	-0.031607	-0.031018	-0.031487	-0.033508	-0.015661
	-0.005630					
y670	-0.016781	-0.001199	0.002298	-0.003043	-0.001475	-0.039797
	-0.011867	-0.003785	-0.017935	0.012502	0.020219	-0.007492
	0.025266	-0.000088	0.014255	-0.001042	-0.004199	-0.038216
	-0.014763	0.035450	0.006863	0.014948	-0.005010	0.022523
	0.002254	-0.004424	0.000892	-0.012167	-0.006582	0.008111
	-0.017239					
z670	-0.016683	0.019495	-0.013091	-0.018280	0.029563	-0.006126
	0.014852	-0.010382	0.045405	-0.009544	-0.008289	-0.032252
	-0.006272	0.017010	-0.020831	0.020273	-0.014749	0.019451
	-0.002751	0.010921	-0.014227	-0.007379	-0.014655	-0.015219
	0.032761	-0.010424	0.004936	0.001345	0.006202	-0.011548
	-0.015490					
x671	-0.038878	0.010828	0.034194	0.003528	0.019029	0.012182
	-0.022260	0.007899	0.018629	-0.021793	0.013885	0.006129
	-0.012659	0.035278	-0.008614	-0.007231	-0.007351	0.037007
	-0.018322	0.013176	-0.024038	0.018279	-0.001718	-0.009689
	-0.006975	-0.043892	-0.025106	-0.022578	-0.029499	-0.020232
	0.001302					
y671	-0.010590	-0.008103	-0.010555	-0.008938	0.001668	-0.050023
	-0.001584	-0.000741	-0.020468	0.015721	0.009699	-0.004790
	0.025891	0.000445	0.006605	0.006162	-0.012034	-0.030569
	-0.009113	0.034359	0.007344	0.008904	-0.017293	0.022824
	0.008655	-0.003930	0.010346	0.006685	0.004533	0.013127
	-0.008981					

z671	-0.019302	0.021656	-0.014827	-0.024180	0.023606	-0.014059
	0.025302	-0.009357	0.046814	-0.004086	-0.010395	-0.035358
	-0.002540	0.017876	-0.025802	0.025645	0.000328	0.020877
	0.004517	0.005873	-0.023239	-0.012542	-0.001468	-0.020081
	0.045521	-0.008158	-0.001066	-0.004782	-0.005979	-0.021504
	-0.009012					
x672	-0.038713	0.010450	0.025999	-0.008078	0.022932	-0.010099
	-0.012961	0.007918	0.017537	-0.010533	0.017815	0.012927
	-0.015270	0.037456	-0.000346	0.001957	-0.002931	0.034296
	-0.017651	0.016083	-0.017818	0.009556	0.001714	0.007156
	-0.013943	-0.031079	-0.022829	-0.023226	-0.028918	-0.040353
	-0.019542					
y672	-0.004652	-0.013255	-0.026530	-0.013725	0.004587	-0.057158
	0.009182	0.000419	-0.024102	0.021005	-0.003342	-0.005255
	0.028995	-0.002420	0.000773	0.012158	-0.017178	-0.027815
	-0.002327	0.031997	0.006273	0.000182	-0.025357	0.024640
	0.018492	-0.001453	0.008987	0.021717	0.012183	0.016441
	-0.000642					
z672	-0.021332	0.025038	-0.015329	-0.031095	0.015715	-0.025232
	0.032758	-0.006582	0.047277	0.002254	-0.013326	-0.036432
	-0.003839	0.019017	-0.028690	0.034182	0.003790	0.024995
	0.007818	0.001634	-0.027369	-0.022999	0.013428	-0.034059
	0.040577	-0.003784	0.004292	-0.006575	-0.005028	-0.018455
	-0.007732					
x673	-0.037757	0.010333	0.019806	-0.016700	0.025043	-0.025480
	-0.008305	0.008749	0.015572	-0.005735	0.019211	0.018256
	-0.016101	0.038409	0.007234	0.000758	0.003342	0.019651
	-0.014682	0.020669	-0.011915	0.001172	0.011822	0.026137
	-0.019870	-0.020567	-0.031263	-0.028232	-0.038472	-0.040760
	-0.023686					
y673	0.000112	-0.013364	-0.036256	-0.013643	0.005310	-0.055840
	0.015682	0.001291	-0.023484	0.021648	-0.012295	-0.009045
	0.027580	-0.006943	-0.002410	0.016684	-0.018292	-0.023967
	0.003660	0.027887	0.009336	-0.005907	-0.033587	0.023079
	0.023490	0.002418	0.005674	0.027812	0.019524	0.017082
	0.006362					
z673	-0.022005	0.029168	-0.018190	-0.036194	0.009929	-0.033609
	0.034992	-0.003109	0.043144	0.008875	-0.016740	-0.037113
	-0.002857	0.017375	-0.031694	0.036429	0.007667	0.028054
	0.017148	0.007053	-0.022623	-0.031635	0.012308	-0.036619
	0.012020	-0.002769	0.005378	-0.020561	-0.005172	-0.015253
	0.002560					

x674	-0.036509	0.009067	0.012572	-0.022931	0.025506	-0.037077
	-0.002958	0.008450	0.013235	-0.002669	0.014866	0.021451
	-0.018661	0.036748	0.008482	0.005769	0.004388	0.006183
	-0.016052	0.022074	-0.007333	-0.001709	0.018206	0.037044
	-0.020440	-0.018706	-0.029463	-0.022165	-0.030494	-0.031151
	-0.020824					
y674	0.004185	-0.009523	-0.041671	-0.010201	0.004953	-0.048134
	0.018280	0.003265	-0.019458	0.020107	-0.015934	-0.014584
	0.024404	-0.011896	-0.001441	0.017024	-0.013809	-0.019072
	0.010480	0.023214	0.015543	-0.011674	-0.041916	0.018906
	0.022040	0.008612	0.001902	0.023397	0.020841	0.011866
	0.008904					
z674	-0.021687	0.035254	-0.018009	-0.036809	0.003212	-0.031911
	0.033826	-0.004190	0.040569	0.006391	-0.022372	-0.034734
	-0.005639	0.012146	-0.031312	0.039926	0.004497	0.033189
	0.016082	0.005339	-0.017174	-0.022574	0.005151	-0.037132
	-0.009218	0.004734	0.000210	-0.021734	0.009965	0.000289
	0.011089					
x675	-0.034186	0.007650	0.005073	-0.026013	0.025373	-0.044634
	0.000661	0.008022	0.010268	0.000672	0.008743	0.021505
	-0.019974	0.032673	0.008273	0.009188	0.003618	-0.003903
	-0.017839	0.018435	-0.003619	-0.007654	0.025947	0.041158
	-0.015499	-0.018769	-0.021943	-0.016586	-0.027787	-0.024851
	-0.010311					
y675	0.007683	-0.002597	-0.043967	-0.005344	0.003209	-0.036353
	0.018759	0.005314	-0.012893	0.016625	-0.016006	-0.019054
	0.019890	-0.016466	0.002328	0.015400	-0.007371	-0.011697
	0.015516	0.016801	0.020732	-0.011980	-0.051703	0.013316
	0.014716	0.018489	-0.005873	0.014799	0.023309	0.005670
	0.005745					
z675	-0.019333	0.041582	-0.015773	-0.034943	-0.002707	-0.025066
	0.027902	-0.006278	0.038606	0.000033	-0.024858	-0.031934
	-0.004465	0.006648	-0.027148	0.037162	0.002972	0.039814
	0.015633	-0.002862	-0.012685	-0.018305	0.003969	-0.023308
	-0.010274	0.016011	-0.009563	-0.023507	-0.001740	0.003694
	0.023476					
x676	-0.031894	0.006667	-0.001700	-0.026746	0.025315	-0.049662
	0.002684	0.007403	0.007805	0.003495	0.001033	0.017704
	-0.022800	0.026907	0.008571	0.010480	0.000131	-0.012064
	-0.021584	0.018365	0.002327	-0.011706	0.030395	0.033680
	-0.013167	-0.016695	-0.006706	-0.012213	-0.020159	-0.021917
	-0.007598					

y676	0.011266	0.006189	-0.044271	-0.000400	0.000590	-0.021776
	0.018100	0.007568	-0.005315	0.011300	-0.013471	-0.020730
	0.016088	-0.020002	0.008102	0.012325	0.000399	-0.001478
	0.020006	0.007884	0.022653	-0.010052	-0.061575	0.013886
	0.009302	0.028858	-0.019651	0.004494	0.020441	-0.001902
	0.003206					
z676	-0.018206	0.045483	-0.011111	-0.033249	-0.005829	-0.019852
	0.022164	-0.008772	0.037130	-0.006887	-0.027153	-0.028100
	-0.003962	0.004222	-0.024819	0.032827	-0.000121	0.042682
	0.011003	0.005088	-0.002417	-0.011307	0.002552	-0.018205
	-0.012096	0.028499	-0.003464	-0.018988	-0.004743	0.002435
	0.016742					
x677	-0.028814	0.007660	-0.008010	-0.026241	0.024343	-0.051223
	0.003299	0.006501	0.006480	0.004837	-0.004569	0.011913
	-0.024113	0.020038	0.010417	0.009030	-0.004873	-0.015625
	-0.023722	0.013585	0.004843	-0.017085	0.029840	0.024208
	-0.010901	-0.011604	0.003218	-0.012071	-0.012883	-0.021774
	-0.004834					
y677	0.014664	0.014871	-0.042925	0.004066	-0.001959	-0.005833
	0.018033	0.010522	0.002348	0.004832	-0.010332	-0.018805
	0.012236	-0.021479	0.014866	0.010425	0.009025	0.010225
	0.023233	0.002640	0.023675	-0.005712	-0.070141	0.018305
	0.004275	0.034634	-0.033772	-0.002850	0.017956	-0.007046
	0.002503					
z677	-0.016968	0.046660	-0.005986	-0.034059	-0.008177	-0.016782
	0.015543	-0.012441	0.033472	-0.013946	-0.025952	-0.019800
	0.002516	0.006508	-0.025960	0.028935	-0.003092	0.041096
	0.009506	0.013417	0.001795	-0.009336	0.001636	-0.009764
	-0.011863	0.036793	-0.001079	-0.015510	-0.007529	-0.005264
	0.014998					
x678	-0.024610	0.011878	-0.013404	-0.023278	0.022052	-0.047172
	0.004592	0.008091	0.007288	0.004882	-0.008344	0.004815
	-0.027103	0.011508	0.019715	0.004316	-0.010128	-0.012039
	-0.023632	0.005184	0.009482	-0.019289	0.023371	0.017741
	-0.009329	-0.004916	0.007415	-0.013611	-0.004598	-0.013465
	-0.005262					
y678	0.017822	0.021194	-0.040673	0.006630	-0.003956	0.009890
	0.018467	0.014074	0.008613	-0.001722	-0.006539	-0.012011
	0.010177	-0.018835	0.019841	0.010412	0.019290	0.021108
	0.024948	0.002302	0.023105	0.000391	-0.074623	0.022929
	-0.002876	0.033462	-0.043189	-0.010079	0.018313	-0.009119
	0.006349					

z678	-0.015230	0.045471	-0.001400	-0.035456	-0.012118	-0.014166
	0.009736	-0.014518	0.026643	-0.022452	-0.024855	-0.012143
	0.007334	0.010080	-0.025469	0.025012	-0.007161	0.040218
	0.009626	0.020404	0.013055	-0.000618	0.006393	0.001688
	-0.013659	0.041186	0.000617	-0.006200	-0.000227	-0.000402
	0.009981					
x679	-0.018911	0.018742	-0.017662	-0.018320	0.019036	-0.036603
	0.006915	0.013256	0.010509	0.005340	-0.009350	-0.000791
	-0.034343	0.001433	0.038441	-0.004467	-0.011935	-0.002076
	-0.024338	-0.006928	0.014161	-0.019201	0.010230	0.011439
	-0.010613	-0.002609	0.011733	-0.022504	0.000878	-0.006948
	-0.008099					
y679	0.020600	0.023714	-0.038520	0.006847	-0.006082	0.023680
	0.019667	0.017109	0.012526	-0.007978	-0.003748	-0.002240
	0.009254	-0.012344	0.019902	0.013634	0.029808	0.030487
	0.025520	0.006489	0.021217	0.008005	-0.071361	0.023027
	-0.012174	0.023482	-0.046442	-0.014149	0.025215	-0.009343
	0.015422					
z679	-0.013874	0.040665	0.002129	-0.038679	-0.017319	-0.015175
	0.002463	-0.015997	0.018944	-0.031530	-0.024683	-0.004915
	0.003562	0.012418	-0.027175	0.022766	-0.009915	0.036505
	0.007719	0.024498	0.023431	0.011502	0.016540	0.009461
	-0.014141	0.027792	0.006884	0.001476	0.008873	-0.002870
	0.009428					
x680	-0.010466	0.026816	-0.021613	-0.010226	0.014484	-0.017902
	0.010603	0.020985	0.014716	0.009622	-0.008182	-0.002855
	-0.038606	-0.005695	0.065966	-0.017366	-0.011022	0.014008
	-0.026852	-0.018673	0.015366	-0.019184	-0.008737	0.004593
	-0.015483	0.000639	0.020590	-0.040727	0.000003	0.003023
	-0.017044					
y680	0.022388	0.021700	-0.036774	0.004292	-0.008637	0.032348
	0.020779	0.018274	0.014127	-0.015618	-0.002392	0.009525
	0.008820	-0.001630	0.010711	0.024830	0.038349	0.039574
	0.025497	0.015265	0.013301	0.016778	-0.057212	0.014845
	-0.018576	0.005144	-0.039195	-0.013159	0.043528	-0.007098
	0.032483					
z680	-0.012798	0.031000	0.005710	-0.039478	-0.024433	-0.017970
	-0.003266	-0.016322	0.007563	-0.039908	-0.024930	0.002132
	0.000798	0.013282	-0.041512	0.018487	-0.021657	0.032221
	0.008045	0.031219	0.020115	0.014404	0.038753	0.015108
	-0.006143	0.017581	0.009748	0.022824	0.015101	0.009360
	0.017175					

x681	-0.007960	0.026779	-0.023525	-0.013636	0.014320	-0.012966
	0.013146	0.025786	0.010114	0.001046	-0.007150	0.000786
	-0.032536	-0.010328	0.055721	-0.011770	-0.007171	0.014120
	-0.025103	-0.012485	0.018450	-0.012149	-0.011754	0.007837
	-0.015293	-0.003580	0.016348	-0.029125	0.011131	0.005568
	0.001961					
y681	0.019771	0.021885	-0.031376	0.003868	-0.005659	0.033734
	0.018368	0.016382	0.012709	-0.017564	-0.002983	0.012348
	0.011449	0.003110	0.009920	0.023447	0.043502	0.035786
	0.017963	0.018156	0.014259	0.024062	-0.052619	0.016638
	-0.022823	-0.002300	-0.031279	-0.011136	0.039783	-0.004345
	0.030060					
z681	-0.011460	0.027336	0.007711	-0.036798	-0.026220	-0.017816
	-0.008419	-0.017916	0.005408	-0.038614	-0.021174	0.004430
	-0.008381	0.016513	-0.033560	0.015648	-0.024915	0.030705
	0.004855	0.026357	0.018423	0.014616	0.041221	0.006746
	-0.005975	0.017474	0.017118	0.021019	0.019287	0.001588
	0.005319					
x682	-0.004331	0.026335	-0.025466	-0.016326	0.014145	-0.007422
	0.015054	0.029823	0.006058	-0.002561	-0.004845	0.005158
	-0.025064	-0.013412	0.049798	-0.007371	-0.002947	0.013877
	-0.024539	-0.008538	0.023313	-0.007151	-0.016229	0.012217
	-0.016908	-0.009731	0.010571	-0.020889	0.016196	0.013648
	0.019172					
y682	0.017324	0.021659	-0.025419	0.004014	-0.003242	0.034078
	0.015600	0.013500	0.012684	-0.017346	-0.003252	0.013644
	0.012419	0.007212	0.010220	0.021600	0.044500	0.032649
	0.011780	0.020165	0.014561	0.027009	-0.046995	0.016883
	-0.024544	-0.009556	-0.026082	-0.006334	0.034606	-0.000597
	0.028435					
z682	-0.009295	0.024514	0.009376	-0.032032	-0.028026	-0.017576
	-0.012522	-0.019199	0.002337	-0.036591	-0.017619	0.006190
	-0.015244	0.018388	-0.027537	0.011843	-0.030820	0.030915
	0.002338	0.019718	0.020057	0.010568	0.042985	0.003209
	-0.007089	0.017078	0.016044	0.020986	0.019831	0.001342
	0.000392					
x683	-0.001566	0.024980	-0.027145	-0.018913	0.015060	-0.002483
	0.017303	0.032467	0.002604	-0.003715	-0.004610	0.008060
	-0.018347	-0.016011	0.047060	-0.005562	0.001868	0.012526
	-0.022046	-0.002692	0.026785	-0.002422	-0.019495	0.013817
	-0.015518	-0.014153	0.011132	-0.018203	0.018039	0.019661
	0.030487					

y683	0.014695	0.021082	-0.019128	0.004862	-0.000885	0.033321
	0.012820	0.009602	0.013501	-0.016422	-0.004299	0.012872
	0.011525	0.010322	0.010592	0.018514	0.042394	0.030176
	0.007726	0.022382	0.013743	0.026552	-0.040002	0.014790
	-0.023198	-0.015764	-0.021122	-0.001474	0.027447	0.001995
	0.024866					
z683	-0.008854	0.021196	0.009907	-0.027976	-0.027897	-0.017156
	-0.014660	-0.020868	-0.002294	-0.034834	-0.018169	0.007567
	-0.018057	0.018318	-0.024017	0.003757	-0.034068	0.031794
	0.004836	0.017211	0.020123	0.007635	0.045407	-0.000037
	-0.005551	0.023408	0.018360	0.015708	0.022936	-0.002232
	-0.006470					
x684	0.001298	0.023717	-0.027660	-0.021167	0.015726	0.002021
	0.018159	0.034235	0.000587	-0.002329	-0.003799	0.010430
	-0.014590	-0.018647	0.047651	-0.002679	0.004253	0.011876
	-0.020541	0.000521	0.027296	-0.000162	-0.020513	0.014376
	-0.013580	-0.018247	0.011767	-0.016161	0.015174	0.025743
	0.038811					
y684	0.011901	0.020531	-0.012625	0.006619	0.000896	0.031866
	0.009258	0.005200	0.014940	-0.014066	-0.005736	0.012024
	0.009205	0.012672	0.011522	0.015399	0.036575	0.027798
	0.005344	0.022583	0.011378	0.024227	-0.031806	0.011452
	-0.021115	-0.019926	-0.017522	0.002820	0.019057	0.003266
	0.018430					
z684	-0.007261	0.018856	0.010549	-0.025244	-0.028938	-0.016643
	-0.018901	-0.022903	-0.004833	-0.035210	-0.015379	0.008974
	-0.023790	0.016726	-0.018483	0.000457	-0.036105	0.033702
	0.003469	0.014751	0.017382	0.004539	0.045403	-0.000877
	-0.002865	0.024873	0.021963	0.013509	0.024380	-0.005595
	-0.013434					
x685	0.003374	0.022806	-0.027506	-0.022404	0.017248	0.005711
	0.019067	0.036097	-0.001460	0.001514	-0.004355	0.012486
	-0.012199	-0.019940	0.049010	0.000006	0.004629	0.011642
	-0.017930	0.000234	0.028243	0.001442	-0.021842	0.013704
	-0.011503	-0.022304	0.013392	-0.014692	0.009560	0.028597
	0.041748					
y685	0.008907	0.020255	-0.006093	0.009085	0.002184	0.029494
	0.005831	0.000471	0.016402	-0.011023	-0.007518	0.010591
	0.006272	0.014964	0.011417	0.012287	0.029387	0.026532
	0.004099	0.021944	0.008229	0.021199	-0.024163	0.007769
	-0.018870	-0.023309	-0.013925	0.006367	0.010395	0.001516
	0.008242					

z685	-0.006731	0.017559	0.010278	-0.021722	-0.027986	-0.015948
	-0.022444	-0.022567	-0.008470	-0.034126	-0.013555	0.010513
	-0.025667	0.016841	-0.014554	0.000204	-0.035319	0.035622
	0.004866	0.008936	0.019531	0.001912	0.043768	-0.003125
	-0.004077	0.022746	0.022369	0.012502	0.026721	-0.006516
	-0.017458					
x686	0.004866	0.022279	-0.026773	-0.023159	0.018525	0.009283
	0.019778	0.035641	-0.002528	0.006532	-0.005561	0.013270
	-0.010408	-0.020349	0.049163	0.001397	0.002665	0.009159
	-0.014992	-0.002683	0.026169	0.001607	-0.019827	0.013330
	-0.010716	-0.021771	0.014997	-0.018676	0.003735	0.029520
	0.042666					
y686	0.005569	0.020293	0.000135	0.011910	0.002993	0.026654
	0.002230	-0.004953	0.017931	-0.007988	-0.009262	0.008845
	0.002909	0.017124	0.010939	0.009215	0.022023	0.025376
	0.003449	0.021137	0.003910	0.018205	-0.016361	0.004788
	-0.017706	-0.025109	-0.009530	0.007575	0.002706	-0.001328
	-0.003898					
z686	-0.005265	0.016479	0.009547	-0.019213	-0.026763	-0.014782
	-0.026016	-0.025516	-0.009822	-0.032403	-0.008736	0.009238
	-0.025858	0.015131	-0.013477	-0.001184	-0.031884	0.032322
	0.006027	0.005190	0.022793	-0.006412	0.043389	-0.002440
	-0.007393	0.020826	0.020390	0.004803	0.031182	-0.004042
	-0.016751					
x687	0.004859	0.022297	-0.025200	-0.023498	0.019377	0.012186
	0.020233	0.035622	-0.004114	0.010554	-0.009238	0.015846
	-0.007587	-0.017961	0.047538	0.000850	-0.001312	0.010626
	-0.013107	-0.006348	0.021497	0.007667	-0.019914	0.014725
	-0.009627	-0.017733	0.016788	-0.020714	-0.001788	0.027152
	0.034265					
y687	0.001996	0.020434	0.006201	0.014801	0.003301	0.023760
	-0.001752	-0.010441	0.019109	-0.005379	-0.010256	0.007375
	0.000029	0.020070	0.009872	0.006685	0.015151	0.024743
	0.003555	0.020643	-0.001206	0.015872	-0.009163	0.001555
	-0.016725	-0.026158	-0.004344	0.009011	-0.002974	-0.005853
	-0.017940					
z687	-0.004262	0.015415	0.008760	-0.017381	-0.025099	-0.014092
	-0.030660	-0.027552	-0.011930	-0.031728	-0.004064	0.010725
	-0.022887	0.015249	-0.014338	-0.003021	-0.027154	0.035896
	0.006221	0.002663	0.028047	-0.007552	0.039195	-0.003395
	-0.011506	0.020162	0.013567	0.001731	0.037756	0.001718
	-0.016921					

x688	0.003869	0.022752	-0.023105	-0.023292	0.019436	0.014796
	0.021639	0.035729	-0.006269	0.012959	-0.014402	0.019350
	-0.006556	-0.014739	0.044914	0.001463	-0.003933	0.011619
	-0.009607	-0.008971	0.013424	0.016195	-0.017702	0.016651
	-0.006296	-0.014729	0.025434	-0.020888	-0.003262	0.017803
	0.021971					
y688	-0.001767	0.020389	0.011888	0.017230	0.003345	0.020603
	-0.006413	-0.016644	0.019694	-0.003298	-0.009453	0.005646
	-0.002467	0.022752	0.008695	0.005461	0.010417	0.023831
	0.004830	0.020482	-0.007062	0.013406	-0.001934	-0.002054
	-0.015744	-0.027924	0.002421	0.010238	-0.006184	-0.012337
	-0.032234					
z688	-0.002505	0.013947	0.008290	-0.016033	-0.022784	-0.014455
	-0.033742	-0.029892	-0.013094	-0.031591	0.002527	0.011697
	-0.022418	0.011799	-0.015290	-0.003162	-0.016167	0.037792
	0.006846	0.003760	0.033385	-0.010618	0.036210	-0.004948
	-0.006720	0.009013	0.011867	0.003908	0.043208	0.003774
	-0.014785					
x689	0.001179	0.023846	-0.020740	-0.022238	0.019443	0.018268
	0.021374	0.036673	-0.010333	0.012788	-0.021810	0.025285
	-0.002314	-0.009371	0.041221	0.001918	-0.006117	0.013126
	-0.005544	-0.011536	0.000755	0.025426	-0.017053	0.017937
	-0.008257	-0.006919	0.031000	-0.023109	0.000579	0.003895
	0.014046					
y689	-0.005446	0.019480	0.016824	0.019148	0.003310	0.017374
	-0.012577	-0.024338	0.019096	-0.001343	-0.005506	0.003744
	-0.004597	0.025653	0.008489	0.005365	0.007933	0.021631
	0.007716	0.019614	-0.011579	0.010577	0.005285	-0.007579
	-0.014898	-0.027517	0.007710	0.011248	-0.006115	-0.020310
	-0.044956					
z689	-0.001244	0.012803	0.007604	-0.012636	-0.019204	-0.014273
	-0.038642	-0.029795	-0.014370	-0.029363	0.006027	0.014390
	-0.017474	0.008750	-0.014830	-0.006076	-0.006395	0.036673
	0.006165	0.006221	0.037776	-0.015989	0.029600	-0.011362
	-0.008386	0.003239	-0.005099	0.003367	0.047342	0.011679
	-0.002107					
x690	-0.001151	0.024191	-0.016723	-0.020967	0.018975	0.016624
	0.016623	0.035302	-0.008679	0.011310	-0.023950	0.030203
	-0.004869	-0.006135	0.038135	0.000570	-0.009217	0.011188
	0.001472	-0.016273	-0.009293	0.026829	-0.015098	0.016485
	-0.004906	-0.012963	0.033885	-0.019054	0.003050	-0.004390
	0.013042					

y690	-0.006821	0.017504	0.017202	0.021844	0.003132	0.015341
	-0.020620	-0.030421	0.023937	-0.002035	-0.001233	0.008407
	-0.003087	0.028507	0.008957	0.004727	0.008063	0.020995
	0.003940	0.013708	-0.002189	0.005269	0.002121	-0.007855
	-0.012194	-0.023908	-0.003875	0.013701	0.001969	-0.011876
	-0.037804					
z690	-0.000232	0.013730	0.005715	-0.012701	-0.014542	-0.013003
	-0.036438	-0.030214	-0.015542	-0.026173	0.009278	0.015465
	-0.011032	0.002802	-0.009969	-0.005171	0.001456	0.035395
	0.001915	0.004503	0.036692	-0.013000	0.024491	-0.012415
	-0.005650	0.001901	-0.011471	0.002581	0.044739	0.017236
	-0.004146					
x691	-0.003713	0.023483	-0.013444	-0.019588	0.019968	0.015534
	0.011486	0.033321	-0.006861	0.009974	-0.025374	0.035607
	-0.004709	-0.001615	0.034911	-0.002226	-0.013016	0.008971
	0.006900	-0.019066	-0.014347	0.028237	-0.013284	0.013359
	-0.001394	-0.015305	0.035749	-0.017818	0.003373	-0.011333
	0.015145					
y691	-0.008000	0.015506	0.017239	0.024051	0.002787	0.013655
	-0.028155	-0.036287	0.026629	-0.003464	0.004198	0.012232
	-0.002596	0.031273	0.010129	0.004945	0.009251	0.019976
	0.002149	0.006812	0.006373	0.001574	-0.000988	-0.009448
	-0.009643	-0.019123	-0.014809	0.016514	0.011889	-0.007035
	-0.028816					
z691	0.000742	0.014241	0.003464	-0.012090	-0.009850	-0.012666
	-0.033449	-0.028888	-0.018195	-0.022127	0.010595	0.017684
	-0.002699	0.001001	-0.007329	-0.006874	0.006663	0.034376
	-0.000636	0.006283	0.038006	-0.006931	0.021043	-0.016066
	-0.003670	0.005054	-0.015735	0.000538	0.041335	0.020967
	-0.001788					
x692	-0.006433	0.022017	-0.010636	-0.019115	0.021446	0.014570
	0.005702	0.029393	-0.003825	0.007340	-0.023796	0.039250
	-0.004697	0.001007	0.032025	-0.003239	-0.014750	0.007067
	0.010074	-0.021210	-0.016957	0.028451	-0.011962	0.008969
	0.000599	-0.018217	0.034826	-0.019002	0.003222	-0.015058
	0.016813					
y692	-0.009093	0.014010	0.017114	0.025556	0.002310	0.012019
	-0.034519	-0.040981	0.027879	-0.004985	0.009453	0.015743
	-0.003265	0.033574	0.011484	0.006372	0.010706	0.018714
	0.002586	-0.000658	0.012443	-0.000621	-0.003439	-0.009839
	-0.005862	-0.016358	-0.023820	0.021147	0.022168	-0.005369
	-0.019038					

z692	0.001256	0.014724	0.001111	-0.013129	-0.005705	-0.013331
	-0.030179	-0.027340	-0.019745	-0.018593	0.012962	0.018689
	0.004022	-0.000761	-0.004627	-0.005917	0.011631	0.033786
	-0.001779	0.007070	0.037113	-0.002857	0.018849	-0.019242
	-0.002243	0.003868	-0.018996	-0.002238	0.036051	0.024407
	0.000628					
x693	-0.008855	0.020708	-0.008110	-0.018713	0.023611	0.013827
	-0.000390	0.025494	-0.000653	0.004418	-0.021082	0.043523
	-0.005474	0.002299	0.028870	-0.004884	-0.016241	0.004811
	0.011838	-0.025038	-0.016985	0.028397	-0.012379	0.005581
	0.000020	-0.020579	0.031346	-0.016662	0.003737	-0.018763
	0.019579					
y693	-0.009953	0.013145	0.016996	0.026858	0.001634	0.010404
	-0.039624	-0.044365	0.027995	-0.005997	0.013981	0.018832
	-0.004599	0.036479	0.012677	0.008131	0.012154	0.017080
	0.004126	-0.007135	0.016080	-0.002279	-0.005227	-0.009666
	-0.002476	-0.013350	-0.030298	0.024639	0.031854	-0.006866
	-0.010634					
z693	0.002252	0.015516	-0.001051	-0.014207	-0.001555	-0.013952
	-0.026450	-0.024115	-0.021978	-0.014645	0.014160	0.020686
	0.009689	-0.002630	-0.002423	-0.006321	0.014899	0.032612
	-0.003047	0.006637	0.035551	0.000223	0.015869	-0.020627
	-0.003747	0.004024	-0.021394	0.000673	0.031174	0.024443
	0.002571					
x694	-0.010919	0.019677	-0.005274	-0.018556	0.025058	0.012781
	-0.006788	0.020560	0.003249	0.001939	-0.017426	0.047869
	-0.006653	0.005412	0.025626	-0.005949	-0.018957	0.003527
	0.013027	-0.030871	-0.016516	0.028413	-0.013123	0.003534
	0.001254	-0.023540	0.023647	-0.013603	0.007309	-0.018274
	0.021044					
y694	-0.010853	0.012962	0.017017	0.028066	0.001102	0.009031
	-0.043270	-0.046036	0.027402	-0.006122	0.017159	0.021472
	-0.006503	0.039840	0.014386	0.010433	0.013783	0.014550
	0.005327	-0.011239	0.017681	-0.003943	-0.007440	-0.009688
	0.000818	-0.010791	-0.033006	0.026737	0.037218	-0.010476
	-0.004234					
z694	0.003571	0.016952	-0.002700	-0.015881	0.001093	-0.015028
	-0.022253	-0.020943	-0.023797	-0.009317	0.014276	0.022701
	0.014972	-0.000991	0.000301	-0.005957	0.015023	0.031784
	-0.004471	0.005002	0.032139	0.002485	0.012798	-0.020856
	-0.002076	0.002096	-0.025205	0.004674	0.026534	0.027652
	0.001062					

x695	-0.013758	0.018101	-0.002405	-0.018603	0.027305	0.010421
	-0.012761	0.016571	0.007493	-0.001802	-0.015215	0.050546
	-0.010071	0.008243	0.022146	-0.010008	-0.021351	0.002134
	0.014874	-0.032480	-0.013385	0.030670	-0.015809	0.002879
	0.002635	-0.025294	0.022522	-0.012206	0.010780	-0.022467
	0.019956					
y695	-0.011379	0.013452	0.017160	0.029036	0.000393	0.008753
	-0.045238	-0.047098	0.026561	-0.004417	0.019487	0.024198
	-0.008464	0.043301	0.015759	0.014644	0.015016	0.010961
	0.003852	-0.013764	0.017071	-0.007179	-0.008129	-0.009690
	0.002476	-0.006392	-0.035930	0.028468	0.036243	-0.013771
	0.001352					
z695	0.004108	0.017677	-0.004315	-0.018342	0.004378	-0.017618
	-0.016606	-0.016294	-0.025545	-0.004826	0.011379	0.022369
	0.018708	-0.000107	0.002702	-0.008392	0.013267	0.029854
	-0.005634	0.009606	0.030453	0.005177	0.010130	-0.019452
	-0.000552	0.003524	-0.019720	0.006019	0.018817	0.022405
	-0.002580					
x696	-0.016560	0.017184	0.000510	-0.017927	0.029242	0.008731
	-0.019221	0.011648	0.012003	-0.005714	-0.010820	0.052844
	-0.014598	0.012607	0.018038	-0.011519	-0.022957	0.001257
	0.016677	-0.037910	-0.011566	0.032323	-0.017894	0.002148
	0.002645	-0.027289	0.014726	-0.011214	0.018245	-0.020330
	0.021964					
y696	-0.011564	0.014217	0.017073	0.029580	0.000073	0.009125
	-0.045227	-0.047094	0.025626	-0.000644	0.020150	0.025913
	-0.009340	0.046724	0.017361	0.019821	0.016818	0.007240
	-0.001259	-0.012103	0.017568	-0.011351	-0.008717	-0.010519
	0.003265	-0.000660	-0.035050	0.029678	0.027934	-0.015950
	0.001453					
z696	0.004718	0.018724	-0.006644	-0.020491	0.007968	-0.019613
	-0.010633	-0.011847	-0.027736	-0.000186	0.009878	0.021034
	0.023500	0.002252	0.004181	-0.008244	0.012574	0.029151
	-0.006391	0.011686	0.027617	0.005821	0.009139	-0.019139
	0.001029	0.003683	-0.017274	0.006236	0.017094	0.024001
	-0.005145					
x697	-0.019692	0.016213	0.003572	-0.017006	0.031270	0.006968
	-0.025468	0.005731	0.016953	-0.009180	-0.006408	0.055619
	-0.020833	0.015833	0.013136	-0.011662	-0.024467	-0.000093
	0.017030	-0.043357	-0.009956	0.035092	-0.018820	-0.000128
	0.001028	-0.027879	0.005406	-0.011390	0.020363	-0.017209
	0.024816					

y697	-0.011276	0.014899	0.016525	0.029288	0.000271	0.009987
	-0.043553	-0.046545	0.024515	0.005337	0.019600	0.026423
	-0.008787	0.049654	0.018497	0.026032	0.018038	0.002397
	-0.010031	-0.007442	0.020624	-0.016906	-0.007298	-0.010852
	0.001869	0.005886	-0.031032	0.029319	0.011328	-0.017456
	-0.002588					
z697	0.004937	0.018672	-0.009873	-0.023463	0.012318	-0.022576
	-0.003786	-0.008231	-0.030130	0.004422	0.007373	0.021525
	0.028261	0.002015	0.004929	-0.008372	0.009991	0.026743
	-0.006968	0.014617	0.023922	0.006642	0.011734	-0.022193
	0.003565	0.003782	-0.013765	0.004187	0.011042	0.022459
	-0.003375					
x698	-0.022283	0.015884	0.006955	-0.015123	0.032263	0.005947
	-0.031882	-0.001603	0.021674	-0.010452	-0.001189	0.057805
	-0.026931	0.021560	0.008956	-0.008722	-0.026883	-0.000751
	0.013282	-0.048701	-0.004018	0.036519	-0.020234	-0.003433
	0.000987	-0.023203	-0.006568	-0.012768	0.012207	-0.014142
	0.024812					
y698	-0.010150	0.015025	0.014313	0.027351	0.001219	0.010718
	-0.039608	-0.044717	0.022220	0.013022	0.017782	0.026681
	-0.004886	0.051618	0.020946	0.033082	0.017298	-0.003660
	-0.022150	0.003526	0.027937	-0.024433	-0.004803	-0.010610
	0.001251	0.015814	-0.024565	0.027060	-0.014583	-0.019065
	-0.009028					
z698	0.005331	0.018152	-0.013735	-0.028279	0.017717	-0.028280
	0.002802	-0.005497	-0.032223	0.008333	0.005296	0.023224
	0.032460	0.002048	0.007251	-0.009528	0.003912	0.023203
	-0.003952	0.016268	0.020197	0.009724	0.012646	-0.023659
	0.009466	0.001346	-0.011062	0.002151	0.004340	0.020545
	0.003649					
x699	-0.022773	0.015796	0.008758	-0.010480	0.026940	0.006792
	-0.032664	-0.003372	0.016934	-0.008516	0.001300	0.058283
	-0.027326	0.030351	0.004571	-0.004217	-0.024078	0.003945
	0.004302	-0.036731	0.012845	0.032711	-0.018503	-0.012456
	0.001351	-0.002721	-0.022756	-0.014950	-0.007900	-0.019353
	0.019506					
y699	-0.008662	0.013665	0.009747	0.024136	0.004032	0.006077
	-0.027124	-0.035326	0.011711	0.018165	0.013550	0.030303
	0.002162	0.050189	0.021126	0.029996	0.006950	0.004685
	-0.017802	0.019705	0.036735	-0.027122	-0.009986	-0.005578
	-0.003101	0.031116	-0.023677	0.037348	-0.028309	-0.019063
	0.000121					

z699	0.003635	0.015339	-0.017147	-0.036455	0.024605	-0.040060
	0.009373	-0.003375	-0.030619	0.007179	0.006557	0.023866
	0.031544	-0.000238	0.007901	-0.007571	-0.000315	0.021399
	0.005635	0.011353	0.008278	0.022771	0.014295	-0.017565
	0.010830	-0.012183	0.000938	0.013943	0.016418	0.021348
	0.004657					
x700	-0.023214	0.015038	0.009486	-0.008423	0.023340	0.004595
	-0.033301	-0.007406	0.013457	-0.005099	0.001541	0.058309
	-0.026543	0.037751	0.000133	0.002397	-0.022484	0.003593
	-0.003338	-0.029741	0.028385	0.026429	-0.012129	-0.017731
	-0.000110	0.013276	-0.043681	-0.020851	-0.028979	-0.021173
	0.010357					
y700	-0.006388	0.009976	0.001300	0.019366	0.008489	-0.001591
	-0.015408	-0.027354	-0.001048	0.024936	0.005020	0.032963
	0.014203	0.047687	0.024194	0.027326	-0.003930	0.006329
	-0.019645	0.028512	0.035660	-0.028608	-0.009395	-0.002993
	0.000930	0.034993	-0.018056	0.044074	-0.035930	-0.019591
	0.003113					
z700	0.001660	0.013026	-0.019199	-0.043671	0.029628	-0.050047
	0.016338	-0.002321	-0.028810	0.007327	0.009297	0.027341
	0.031570	0.000042	0.006958	-0.009008	-0.004134	0.019187
	0.019207	0.008653	-0.000158	0.029836	0.012939	-0.008496
	0.001463	-0.015764	0.006838	0.023182	0.023212	0.017814
	0.016987					
x701	-0.023835	0.012573	0.007652	-0.009582	0.022970	-0.003826
	-0.035235	-0.012139	0.011043	-0.000056	-0.000469	0.055836
	-0.027057	0.041817	-0.004435	0.008403	-0.019756	-0.004061
	-0.008544	-0.025864	0.039562	0.024609	-0.003144	-0.023193
	0.002881	0.018478	-0.060188	-0.026522	-0.038436	-0.015204
	-0.005283					
y701	-0.003858	0.004967	-0.008138	0.013665	0.012570	-0.011178
	-0.005142	-0.021027	-0.013249	0.031206	-0.004679	0.035325
	0.026838	0.045292	0.025590	0.026138	-0.014516	0.004770
	-0.021661	0.033377	0.026959	-0.027147	-0.007317	-0.000935
	0.005239	0.030190	-0.011602	0.048681	-0.032503	-0.021235
	0.006920					
z701	-0.000077	0.011249	-0.019898	-0.048027	0.034225	-0.056947
	0.018584	-0.001481	-0.026364	0.008944	0.012618	0.033618
	0.030256	0.000797	0.009737	-0.012594	-0.005246	0.014423
	0.031251	0.006931	-0.001588	0.035275	0.012785	-0.008786
	-0.004422	-0.014847	0.014353	0.026481	0.028957	0.015787
	0.030338					

x702	-0.023807	0.008530	0.002516	-0.014700	0.023077	-0.018632
	-0.036222	-0.017475	0.009379	0.005420	-0.001558	0.048552
	-0.029016	0.041249	-0.012740	0.014601	-0.014814	-0.012313
	-0.011333	-0.021825	0.045873	0.020543	0.003183	-0.023419
	0.009611	0.014550	-0.068713	-0.028219	-0.034451	-0.009568
	-0.018309					
y702	-0.001816	-0.000008	-0.016882	0.008397	0.016087	-0.019514
	0.004091	-0.015386	-0.023826	0.036059	-0.014330	0.036367
	0.037370	0.040686	0.024659	0.025074	-0.024181	0.002136
	-0.024087	0.037297	0.016843	-0.026560	-0.005535	0.000125
	0.008031	0.021730	-0.006143	0.051125	-0.022927	-0.021577
	0.015304					
z702	-0.000495	0.010704	-0.019707	-0.049442	0.034384	-0.060142
	0.020214	-0.001471	-0.022102	0.011006	0.018248	0.039322
	0.028830	-0.000744	0.012438	-0.014159	-0.001319	0.016049
	0.035814	0.002552	-0.001799	0.036174	0.014149	-0.004707
	-0.006121	-0.011023	0.018561	0.028239	0.029371	0.012048
	0.031880					
x703	-0.024031	0.003732	-0.003900	-0.021771	0.024662	-0.035664
	-0.036672	-0.021365	0.007716	0.009843	-0.002603	0.038016
	-0.031693	0.038975	-0.023539	0.019494	-0.010223	-0.021706
	-0.007967	-0.013070	0.050034	0.014552	0.002987	-0.018861
	0.014428	0.007287	-0.065237	-0.026888	-0.023419	-0.004366
	-0.020392					
y703	-0.000044	-0.004018	-0.023513	0.004426	0.018912	-0.024684
	0.011467	-0.010657	-0.031414	0.038823	-0.022156	0.037094
	0.045197	0.033826	0.023291	0.024690	-0.033531	-0.000608
	-0.027531	0.038476	0.007477	-0.025611	-0.001461	0.000200
	0.010607	0.013727	-0.005811	0.051013	-0.016003	-0.021041
	0.020298					
z703	-0.000386	0.011059	-0.018148	-0.048940	0.033573	-0.059653
	0.020421	-0.002520	-0.017693	0.011458	0.024447	0.044758
	0.027992	-0.002257	0.013550	-0.014127	0.001066	0.018613
	0.038589	-0.003493	-0.002878	0.037608	0.014954	-0.001191
	-0.006153	-0.007699	0.018818	0.028380	0.022215	0.010308
	0.031858					
x704	-0.024305	-0.001501	-0.010013	-0.029198	0.027577	-0.052974
	-0.036384	-0.023754	0.006793	0.012110	-0.004522	0.025612
	-0.034134	0.037591	-0.035271	0.024182	-0.005573	-0.032306
	-0.002718	-0.000273	0.053141	0.010430	-0.001271	-0.013314
	0.016170	0.001481	-0.055682	-0.024041	-0.013417	0.000806
	-0.019884					

y704	0.001995	-0.007430	-0.029024	0.000763	0.021432	-0.028743
	0.018368	-0.006949	-0.037831	0.041419	-0.028190	0.037575
	0.052040	0.026570	0.021745	0.026572	-0.042287	-0.004251
	-0.032621	0.035915	-0.001980	-0.023216	0.005254	-0.002354
	0.011613	0.007122	-0.010895	0.050082	-0.010818	-0.020529
	0.023818					
z704	-0.000220	0.011818	-0.014850	-0.047535	0.032564	-0.057534
	0.020650	-0.003746	-0.012657	0.010166	0.031303	0.049311
	0.027350	-0.000948	0.013901	-0.014596	0.004062	0.018137
	0.038965	-0.010084	-0.003768	0.040391	0.015373	-0.003339
	-0.005474	-0.004168	0.014611	0.027485	0.009252	0.006805
	0.029515					
x705	-0.024585	-0.008199	-0.017264	-0.039433	0.031158	-0.073536
	-0.036048	-0.025393	0.006272	0.014249	-0.005880	0.009465
	-0.036930	0.035429	-0.050231	0.029347	-0.001858	-0.045205
	0.005895	0.014176	0.053287	0.006942	-0.005135	-0.001244
	0.017724	-0.004377	-0.042022	-0.022080	0.000487	0.008892
	-0.018165					
y705	0.003968	-0.011156	-0.035424	-0.005203	0.024895	-0.033075
	0.026437	-0.002473	-0.044814	0.045392	-0.034576	0.037599
	0.059539	0.017167	0.022923	0.029179	-0.053991	-0.007629
	-0.038950	0.030454	-0.014403	-0.022909	0.014819	-0.002713
	0.011204	-0.001765	-0.017208	0.046699	-0.002733	-0.018484
	0.026231					
z705	-0.000307	0.013516	-0.010048	-0.046477	0.029975	-0.054392
	0.019680	-0.005116	-0.003547	0.010162	0.041806	0.053356
	0.026676	0.003372	0.013932	-0.017286	0.005415	0.016779
	0.038204	-0.020227	-0.006819	0.043201	0.016965	-0.003652
	-0.005627	0.000763	0.004074	0.024310	-0.004134	0.005120
	0.025407					
x706	-0.025838	-0.018048	-0.026219	-0.051437	0.037081	-0.098979
	-0.035336	-0.024068	0.004710	0.011948	-0.009811	-0.012933
	-0.040488	0.033345	-0.066000	0.033558	0.005636	-0.057718
	0.023097	0.037078	0.050653	0.012170	-0.014156	0.020274
	0.017387	-0.008397	-0.002068	-0.018202	0.015150	0.013321
	-0.026619					
y706	0.005469	-0.015120	-0.042634	-0.014936	0.028420	-0.038780
	0.037302	-0.000507	-0.054281	0.047476	-0.038282	0.039586
	0.065757	0.008950	0.030075	0.037773	-0.064389	-0.007174
	-0.045804	0.022031	-0.035593	-0.021347	0.026860	-0.000342
	0.012976	-0.014983	-0.013055	0.047651	0.004313	-0.017688
	0.027126					

z706	-0.002659	0.014988	-0.003438	-0.044228	0.025385	-0.050635
	0.018076	-0.006733	0.006872	0.006230	0.056619	0.059597
	0.021475	0.011564	0.011040	-0.024483	0.013657	0.016115
	0.041886	-0.021703	-0.009852	0.052479	0.011810	-0.003559
	-0.002078	0.000035	0.003317	0.024387	-0.027173	-0.001636
	0.001792					
x707	-0.025902	-0.026327	-0.033180	-0.059193	0.043794	-0.111670
	-0.034382	-0.025149	0.004396	0.010170	-0.010424	-0.036976
	-0.044045	0.017725	-0.072767	0.038229	0.010004	-0.076314
	0.027150	0.041685	0.042425	0.019569	-0.013660	0.041808
	0.006920	-0.008286	0.035486	-0.015285	0.023153	0.017908
	-0.023416					
y707	0.006140	-0.017847	-0.046548	-0.025328	0.027444	-0.043313
	0.047887	0.002006	-0.061902	0.046592	-0.037816	0.046826
	0.071037	0.010048	0.044083	0.047418	-0.062138	0.009813
	-0.052335	0.015017	-0.054368	-0.010703	0.031450	0.003533
	0.023398	-0.008823	0.003480	0.044646	0.002765	-0.026013
	0.025111					
z707	-0.002096	0.017961	0.005884	-0.035020	0.020403	-0.036088
	0.015561	-0.006603	0.014839	0.004620	0.078313	0.069742
	0.017734	0.016649	0.016961	-0.029872	0.020072	0.020937
	0.039364	-0.037987	-0.008113	0.060526	0.005914	-0.006600
	0.007491	0.003358	-0.028243	0.018898	-0.062365	-0.003105
	-0.013510					
x708	-0.028999	0.012643	-0.009093	0.009229	0.010916	0.003210
	0.019201	-0.014481	-0.032349	-0.017861	-0.014491	-0.002237
	0.002692	0.027784	-0.019813	-0.011928	0.027997	-0.018942
	0.001942	-0.032548	0.076975	-0.010243	-0.029660	0.001466
	0.046265	0.047471	-0.012706	0.005418	0.019965	-0.012651
	-0.010971					
y708	-0.005495	0.004115	-0.009098	0.008930	-0.007502	-0.019988
	0.006327	0.009525	0.000940	-0.000108	-0.016159	0.004735
	-0.000537	0.026554	-0.007291	-0.015858	-0.001751	0.013490
	0.008290	0.017943	0.025208	-0.011798	0.034342	-0.040480
	-0.014342	-0.005494	0.011372	-0.028873	-0.008198	0.001172
	-0.034875					
z708	0.006572	0.024663	0.012423	-0.003190	-0.005151	0.004860
	0.015154	0.019979	-0.012388	0.009567	0.001832	-0.037973
	-0.013984	0.037800	0.032819	0.017584	-0.024918	-0.005486
	0.039547	0.018438	0.046530	0.016302	0.007692	-0.004452
	0.017106	0.028179	0.013305	-0.031727	0.014329	0.040288
	0.035508					

x709	-0.028460	0.016633	-0.002128	0.007816	0.010294	-0.001484
	0.024434	-0.022033	-0.022605	-0.013146	-0.007235	-0.001478
	0.007896	0.030778	-0.028666	0.000928	0.027734	-0.023597
	-0.000949	-0.021142	0.067643	-0.010290	-0.034753	-0.007177
	0.039087	0.042089	0.002443	0.006792	0.046408	-0.015091
	-0.021912					
y709	-0.007089	0.003550	-0.005827	0.012792	-0.009184	-0.014416
	0.005993	0.014449	0.005251	-0.005960	-0.013057	0.007367
	0.006363	0.026533	-0.013169	-0.017305	0.003612	0.005858
	0.009459	0.014745	0.023469	-0.003601	0.020541	-0.029616
	-0.016890	-0.010364	0.017187	-0.004154	0.011847	-0.002585
	-0.040736					
z709	0.006779	0.023109	0.014862	-0.001126	-0.001488	0.012603
	0.013973	0.021007	-0.011248	0.008217	-0.000432	-0.025559
	-0.006572	0.029007	0.041721	0.019467	-0.031343	-0.002911
	0.041495	0.021505	0.038930	0.012335	0.013653	0.001908
	0.007865	0.021546	0.000496	-0.034132	-0.005107	0.028014
	0.042125					
x710	-0.032342	0.018355	0.003370	0.010108	0.010095	-0.003107
	0.023513	-0.023928	-0.030987	-0.007321	-0.016166	0.001463
	0.019616	0.042081	-0.020047	0.007806	0.018530	-0.019047
	0.009916	-0.018612	0.057347	-0.012960	-0.022473	-0.010262
	0.020825	0.038215	0.003724	0.002460	0.054966	-0.016857
	-0.035976					
y710	-0.009409	0.003607	-0.003048	0.017153	-0.006942	-0.009000
	0.004184	0.017855	0.002667	-0.011537	-0.017740	0.010247
	0.010562	0.029397	-0.012193	-0.018638	0.003337	-0.000338
	0.013556	0.011212	0.018792	-0.000327	0.016668	-0.019041
	-0.026315	-0.012268	0.024139	0.010209	0.015126	-0.008331
	-0.041541					
z710	0.009840	0.021983	0.017344	-0.002557	0.001094	0.020581
	0.016960	0.024939	-0.000901	0.005436	0.005568	-0.018450
	0.002758	0.010569	0.040494	0.025412	-0.039062	-0.008620
	0.034371	0.022025	0.036563	0.014071	0.007643	0.003398
	-0.007702	0.013629	-0.003851	-0.028859	-0.007244	0.018121
	0.053221					
x711	-0.031494	0.019195	0.010753	0.012245	0.012999	-0.004008
	0.026300	-0.022563	-0.037324	-0.007606	-0.019221	0.002029
	0.030435	0.038553	-0.016728	0.009826	0.018791	-0.020260
	0.009648	-0.015936	0.046200	-0.007932	-0.027484	-0.008539
	-0.003938	0.032806	0.003541	0.007536	0.046090	-0.017736
	-0.031236					

y711	-0.010582	0.003760	0.000636	0.019953	-0.005578	-0.002723
	0.003819	0.020484	-0.000020	-0.012860	-0.017851	0.015569
	0.013053	0.027293	-0.011481	-0.020360	0.004738	-0.006029
	0.013586	0.008813	0.016697	-0.000344	0.013851	-0.013392
	-0.028825	-0.014546	0.027636	0.017400	0.007966	-0.013970
	-0.044164					
z711	0.011187	0.022721	0.018830	-0.003008	0.000573	0.026935
	0.017206	0.021627	0.004184	0.002311	0.010276	-0.010172
	0.009316	0.005083	0.037662	0.034779	-0.045290	-0.007881
	0.031407	0.025739	0.040349	0.009383	0.007132	0.006247
	-0.014847	0.003311	-0.002862	-0.017322	0.002228	0.008468
	0.055551					
x712	-0.030512	0.020111	0.018811	0.014408	0.012035	0.001165
	0.032047	-0.020315	-0.040422	-0.013315	-0.024913	0.001858
	0.039504	0.032328	-0.015566	0.015308	0.016512	-0.012341
	0.013399	-0.010473	0.039308	-0.002951	-0.027467	-0.010725
	-0.030750	0.019534	0.006454	0.013538	0.031025	-0.023362
	-0.029192					
y712	-0.012053	0.004831	0.004558	0.022006	-0.002789	0.002809
	0.002800	0.022703	-0.001177	-0.011780	-0.013920	0.021179
	0.011659	0.022914	-0.013169	-0.018914	0.004766	-0.009369
	0.011994	0.005848	0.013559	-0.003238	0.015713	-0.010215
	-0.026622	-0.009946	0.034316	0.013467	0.000507	-0.015155
	-0.041571					
z712	0.012649	0.023772	0.019378	-0.004277	0.002236	0.028962
	0.015839	0.016704	0.006011	0.004021	0.014763	-0.003453
	0.017601	0.002238	0.037129	0.042766	-0.051568	-0.014014
	0.028617	0.027406	0.045998	0.004917	-0.000599	0.011543
	-0.023378	-0.000680	-0.002240	0.000548	0.014178	0.002458
	0.068497					
x713	-0.029473	0.022367	0.027922	0.015402	0.008807	0.009133
	0.035213	-0.017947	-0.040815	-0.016757	-0.022170	0.003372
	0.050532	0.027033	-0.014619	0.031969	0.008351	-0.010422
	0.017181	-0.004980	0.036192	-0.012549	-0.037832	-0.013986
	-0.058150	0.003615	0.001898	0.019678	0.045200	-0.018744
	-0.001514					
y713	-0.012969	0.007658	0.007253	0.021902	-0.001027	0.008936
	0.000345	0.023692	-0.002493	-0.009741	-0.005061	0.027004
	0.008218	0.018339	-0.010505	-0.013164	0.002056	-0.017535
	0.008816	0.000702	0.011817	-0.001058	0.018606	-0.008993
	-0.022983	-0.004032	0.030125	0.009935	0.002237	-0.007977
	-0.053722					

z713	0.013027	0.024140	0.019146	-0.004983	0.006218	0.028184
	0.015832	0.012789	0.005693	0.004668	0.013993	0.000432
	0.022846	-0.000530	0.037479	0.042438	-0.052856	-0.016871
	0.026891	0.027236	0.053465	0.011382	-0.001559	0.017087
	-0.027325	0.003194	0.005736	0.018571	0.001526	-0.005131
	0.059417					
x714	-0.028046	0.026054	0.036215	0.014642	0.005974	0.019098
	0.037594	-0.013508	-0.043696	-0.020167	-0.019693	0.011785
	0.055742	0.020817	-0.019426	0.046485	-0.004915	-0.004056
	0.014621	-0.004256	0.035716	-0.016088	-0.053968	-0.012683
	-0.084888	-0.009112	-0.007205	0.030410	0.058229	-0.011114
	0.024089					
y714	-0.013311	0.010085	0.010030	0.021107	0.001521	0.013175
	-0.004629	0.022066	-0.003612	-0.007166	0.002006	0.032378
	0.005649	0.013284	-0.006066	-0.008393	-0.000070	-0.023925
	0.004208	-0.004801	0.009282	0.004376	0.022389	-0.008579
	-0.021038	0.006172	0.023591	0.011991	0.004918	0.002232
	-0.063989					
z714	0.011157	0.022501	0.018257	-0.004749	0.011252	0.023792
	0.015139	0.010524	0.007213	0.004948	0.009894	-0.003803
	0.027623	-0.004661	0.043348	0.037332	-0.049367	-0.021489
	0.029602	0.036847	0.063775	0.016966	-0.002759	0.018916
	-0.026328	0.009750	0.026391	0.033246	-0.016481	-0.012276
	0.039860					
x715	-0.029545	0.025224	0.043098	0.012271	0.007446	0.022913
	0.033031	-0.010141	-0.042843	-0.015414	-0.013827	0.012827
	0.052988	0.003524	-0.006062	0.047657	-0.022951	-0.011884
	-0.001144	-0.006001	0.037542	-0.007342	-0.055784	-0.012751
	-0.093107	0.024255	-0.019521	0.049386	0.043218	0.023902
	0.011443					
y715	-0.016406	0.010894	0.012689	0.019525	0.005957	0.016087
	-0.008419	0.027158	-0.006780	-0.011776	0.001688	0.041151
	0.001574	0.006604	-0.006700	-0.013170	0.000442	-0.027593
	0.006106	0.009291	0.015150	0.008990	0.012501	-0.005950
	-0.023807	0.005476	0.041113	0.006040	0.004227	-0.003023
	-0.085598					
z715	0.010916	0.026967	0.018417	-0.001877	0.012469	0.027829
	0.017957	0.004292	0.007830	0.000674	0.007583	0.001026
	0.045534	-0.003641	0.037828	0.054394	-0.053016	-0.020085
	0.039794	0.034773	0.070049	0.011427	-0.007224	0.024714
	-0.046952	-0.008472	0.024704	0.057348	-0.011005	-0.030486
	0.070860					

x716	-0.038417	0.022315	0.050324	0.010778	0.009538	0.028880
	0.037165	0.009268	-0.039105	-0.028773	-0.018051	0.010936
	0.058955	-0.006846	-0.001225	0.046298	-0.021892	-0.013579
	0.008814	0.032370	0.076051	0.002247	-0.091520	-0.007795
	-0.122048	0.001645	0.014352	0.063294	0.034083	0.007408
	-0.002369					
y716	-0.019641	0.010001	0.014506	0.017542	0.012644	0.016061
	-0.014769	0.036387	-0.010262	-0.010835	0.002203	0.046050
	-0.002358	-0.005004	-0.006275	-0.025440	0.005163	-0.033283
	0.007777	0.026434	0.013227	0.013146	-0.002452	-0.008847
	-0.006182	0.000313	0.074142	-0.009488	-0.004028	-0.008382
	-0.131036					
z716	0.008022	0.030067	0.017443	0.001726	0.017529	0.027785
	0.018944	-0.003048	0.007442	-0.000295	0.001097	0.002494
	0.061736	-0.008181	0.039447	0.066539	-0.061339	-0.019623
	0.040445	0.040429	0.079966	0.009938	-0.011024	0.030137
	-0.063165	-0.004000	0.029558	0.091696	-0.010611	-0.025941
	0.086060					
x717	-0.045406	0.018209	0.057285	0.011270	0.012369	0.027268
	0.040416	0.023517	-0.032083	-0.033130	-0.028216	0.009820
	0.053798	-0.017813	-0.000172	0.048975	-0.032285	-0.013627
	0.012255	0.073941	0.099653	0.000563	-0.114779	-0.008105
	-0.127176	-0.002149	0.048115	0.059068	0.023653	-0.016305
	-0.012250					
y717	-0.017014	0.011530	0.014849	0.015373	0.012901	0.020594
	-0.020502	0.035159	-0.014054	-0.012778	0.006728	0.053785
	-0.003034	-0.009145	-0.006926	-0.027325	0.005150	-0.040011
	0.003997	0.013464	0.001807	0.014256	0.004066	-0.009015
	-0.006134	0.002178	0.065214	-0.018489	-0.010406	-0.005054
	-0.134954					
z717	0.003539	0.030620	0.015126	0.004409	0.025329	0.026626
	0.018625	-0.001587	0.005981	-0.005105	-0.009651	0.002782
	0.075708	-0.010618	0.042396	0.062112	-0.055137	-0.019577
	0.045994	0.053975	0.092363	0.018570	-0.027755	0.034533
	-0.075708	-0.018488	0.061621	0.117134	-0.008131	-0.027609
	0.065899					

Phylogenetic mapping

Dataset: PC scores, CovMatrix, BE_All, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.10571257

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: <.0001

Canonical Variate Analysis: CVA ...BE_All

Dataset: BE_All

Classification criterion: environment

Groups Observations

- | | | |
|----|-------------|----|
| 1. | coastal | 15 |
| 2. | continental | 8 |
| 3. | marine | 7 |
| 4. | polar | 2 |

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.86408711	51.315	51.315
2.	1.57043558	28.137	79.452

3. 1.14689561 20.548 100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.2857		
marine	3.1473	4.1787	
polar	5.1982	4.6536	6.1549

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	0.0001		
marine	0.0010	0.0003	
polar	<.0001	0.0842	0.0251

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0634		
marine	0.0642	0.0960	
polar	0.1145	0.0963	0.1307

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0199		

marine	0.0439	0.0003	
polar	0.0161	0.0645	0.0096

Canonical coefficients:

	CV1	CV2	CV3
x1	-1.8647		1.9329
y1	2.1312		0.7253
z1	0.7526		1.4203
x2	-2.3774		0.7134
y2	3.3833		-1.9699
z2	0.7780		1.1064
x3	-2.4518		0.4339
y3	3.5214		-1.8344
z3	0.6669		0.7251
x4	-2.4577		-0.0924
y4	3.5454		-2.1450
z4	0.7068		0.6793
x5	-2.7297		-0.7882
y5	3.5129		-2.2842
z5	0.8452		0.3843
x6	-2.5862		-1.2841
y6	3.5685		-2.5977
z6	1.0491		0.2418
x7	-2.2651		-1.1429
y7	3.6149		-2.5057
z7	1.2108		0.1291
x8	-2.1557		-1.7104

y8	3.5157	-2.6323	2.4022
z8	1.3539	0.0392	2.6184
x9	-2.0066	-2.2103	-1.9133
y9	3.4488	-2.6716	2.4126
z9	1.4663	-0.1210	2.8117
x10	-2.0847	-2.5212	-1.4908
y10	3.3098	-2.6036	2.1953
z10	1.6301	0.0134	3.0336
x11	-2.0575	-2.6696	-1.2120
y11	3.3803	-2.4287	1.6992
z11	1.9088	-0.1942	2.9201
x12	-1.6161	-2.3552	-0.1598
y12	3.0458	-2.7338	1.1017
z12	1.6347	-0.9416	2.5204
x13	-0.6982	-1.4649	1.6923
y13	3.1946	-1.8705	1.7180
z13	1.6126	-1.0503	2.5371
x14	-0.0449	-1.5434	2.5354
y14	3.0213	-1.9512	1.4406
z14	1.5575	-1.6859	2.3025
x15	0.1445	-1.2458	2.2818
y15	2.8195	-1.7027	1.0743
z15	1.2743	-2.1983	1.6359
x16	0.3473	-0.3906	2.5525
y16	2.6282	-1.2939	0.6849
z16	1.2303	-2.0429	1.5433
x17	0.5435	0.2477	2.5940
y17	2.4100	-0.9495	0.4746

z17	1.1651	-2.2201	1.7563
x18	0.7134	-0.0693	2.3431
y18	2.2664	-1.0127	0.2958
z18	0.8762	-3.5783	1.3983
x19	0.7016	0.2600	2.1059
y19	2.1721	-0.9530	0.0752
z19	0.6012	-3.1545	1.5861
x20	0.4340	-0.4910	1.5706
y20	2.1111	-0.5497	0.0070
z20	0.7143	-1.4560	2.1708
x21	0.3067	-1.2582	1.8912
y21	2.0091	0.0884	-0.2525
z21	1.0123	0.2219	1.9570
x22	-0.4360	-1.6421	1.0253
y22	2.1260	0.3787	-0.2355
z22	1.0435	1.2342	1.8647
x23	-0.4313	-1.4733	0.5890
y23	1.9900	0.4161	-0.2149
z23	1.0603	1.9424	1.4854
x24	-0.5912	-1.2167	0.1705
y24	1.9944	0.2236	-0.0491
z24	0.9517	2.1356	1.1233
x25	-1.0696	-1.0386	-0.4584
y25	2.7119	0.2066	0.6308
z25	0.5661	1.8197	1.0906
x26	-1.0951	-1.0580	-0.9034
y26	2.7956	0.1400	1.6964
z26	-0.0357	1.3983	1.1209

x27	-0.8082	-0.1434	-0.7014
y27	2.3085	-1.3656	1.2069
z27	-0.2958	0.9029	1.5610
x28	-0.7226	0.6721	-0.9316
y28	2.0982	-2.9902	0.7754
z28	-0.1736	0.4116	2.2249
x29	0.0065	0.7138	-1.3744
y29	3.1947	-2.0228	2.8450
z29	-0.3692	0.3645	2.9373
x30	0.5033	-1.1431	-0.7846
y30	3.9145	-0.9135	2.5681
z30	-0.2756	1.1982	2.5220
x31	0.5900	-1.8670	-0.3940
y31	3.5303	0.1708	1.6448
z31	-0.5786	1.8130	1.7765
x32	0.3019	-1.9307	0.7495
y32	3.0775	0.9997	1.0233
z32	-0.9581	2.6094	1.5641
x33	-0.2392	-2.1655	1.4540
y33	2.6509	1.0050	0.6116
z33	-1.6603	2.5818	0.5901
x34	-0.6814	-2.4642	1.7362
y34	2.3509	0.4302	0.2524
z34	-2.3280	1.9447	-0.2741
x35	-0.7377	-2.3067	1.3514
y35	1.8872	-0.3030	-0.3923
z35	-2.4597	1.3786	-1.2962
x36	-0.6485	-1.6560	0.8056

y36	1.2441	-1.1600	-1.1302
z36	-2.5246	0.8837	-1.8688
x37	-0.2839	-0.0171	1.0803
y37	0.7825	-1.9034	-1.4401
z37	-1.6685	1.2283	-0.9898
x38	0.2042	2.5125	1.1155
y38	0.4417	-3.0167	-1.4579
z38	-0.9660	1.2542	-0.6939
x39	-0.3266	3.2606	0.5871
y39	0.7397	-3.2232	-1.4054
z39	-0.6017	1.2830	0.0220
x40	-0.6525	3.3048	0.3402
y40	1.1361	-3.4112	-1.3377
z40	-0.3526	1.5357	0.5948
x41	-0.8644	3.0720	0.0437
y41	1.6998	-3.3005	-0.9653
z41	-0.2859	1.5980	0.9536
x42	-1.0745	3.1131	-0.0804
y42	2.2173	-3.1643	-0.3698
z42	-0.2434	1.3834	0.8615
x43	-1.3633	3.0585	-0.4894
y43	2.6132	-3.0273	0.0842
z43	-0.1296	1.1534	1.0665
x44	-1.7816	2.5777	-1.2512
y44	2.9596	-2.6623	0.5939
z44	0.1132	0.8981	1.5774
x45	-2.1105	1.9322	-2.0408
y45	3.2253	-2.3026	1.2753

z45	0.4082	1.0780	1.8154
x46	-2.2537	1.2381	-2.5156
y46	3.4056	-2.1093	1.8770
z46	0.7376	1.1415	1.9019
x47	-1.7892	1.7151	-1.7018
y47	3.6024	2.6746	2.4131
z47	-2.2833	0.9975	-2.5483
x48	-2.0679	1.4716	-2.0092
y48	3.4579	1.8623	2.2000
z48	-1.9183	1.0041	-2.2498
x49	-2.2813	1.3111	-2.1819
y49	3.7330	1.7177	2.5363
z49	-1.5165	1.2011	-1.6496
x50	-2.5603	0.9610	-2.2845
y50	3.7761	0.7181	2.5240
z50	-0.9941	1.1537	-1.2659
x51	-2.8166	0.6555	-2.5084
y51	4.1966	0.0166	2.6533
z51	-0.3692	1.0925	-0.7700
x52	-3.0045	0.2765	-2.4834
y52	4.2659	-0.5926	2.7280
z52	0.2152	1.0517	-0.1625
x53	-3.0788	-0.2399	-2.3705
y53	4.6663	-1.2257	3.1618
z53	0.8358	0.9467	0.5112
x54	-3.1529	-0.6663	-2.2866
y54	4.9803	-1.6285	3.4912
z54	1.3050	0.9197	1.1120

x55	-3.2301	-1.3539	-2.1496
y55	5.2523	-2.3856	3.5939
z55	1.8882	0.5494	1.6537
x56	-3.1984	-1.8484	-1.7669
y56	5.2763	-2.7692	3.7489
z56	2.2691	0.3093	2.1884
x57	-3.1743	-1.8205	-1.5732
y57	4.8775	-2.4629	3.3223
z57	2.3169	0.2581	2.3035
x58	-3.0820	-1.9954	-1.1303
y58	4.6886	-2.7519	3.5270
z58	2.4716	-0.0449	2.8468
x59	-2.7210	-1.7827	-0.6705
y59	4.8230	-2.5054	3.5408
z59	2.7917	-0.0082	3.2270
x60	-2.5309	-1.6589	-0.2941
y60	4.4691	-2.5648	3.1951
z60	2.7051	-0.3380	3.2278
x61	-2.3447	-1.4806	0.1919
y61	4.4067	-2.5719	3.1385
z61	2.8623	-0.7407	3.5284
x62	-2.1997	-1.4721	0.5412
y62	4.1957	-2.9746	2.7237
z62	2.8187	-1.5179	3.2980
x63	-1.8267	-1.1623	1.2054
y63	4.0027	-3.2975	2.5438
z63	2.6584	-2.3434	3.0992
x64	-1.6881	-0.7121	1.5789

y64	3.7219	-2.7416	2.6178
z64	2.5459	-2.2348	3.4525
x65	-1.4547	-0.4091	2.1764
y65	3.4693	-2.3252	2.4684
z65	2.3623	-2.2471	3.4187
x66	-1.3292	-0.4956	2.4092
y66	3.2707	-1.9161	1.9571
z66	2.1235	-2.2435	2.8845
x67	-1.1437	-0.3419	2.4983
y67	3.0127	-1.6664	1.2782
z67	1.8950	-2.3615	2.3017
x68	-1.0978	-0.4216	2.4991
y68	2.7716	-1.5741	0.9121
z68	1.6631	-2.6385	2.2040
x69	-1.0975	-0.5056	2.4754
y69	2.6385	-0.9827	0.8705
z69	1.6601	-1.9327	2.5902
x70	-1.1968	-0.4425	2.2950
y70	2.7412	-0.5598	0.9029
z70	2.2223	-1.8966	3.3334
x71	-1.1752	-0.5452	2.4441
y71	2.6245	-0.5245	0.7638
z71	2.2902	-2.0866	4.2688
x72	-1.0519	-0.1821	2.6423
y72	2.3989	-0.3440	0.4002
z72	1.9379	-1.4433	3.7185
x73	-0.7382	-0.6416	3.0470
y73	2.2391	-0.4173	0.1992

z73	2.1723	-2.2036	4.0298
x74	-0.8030	-0.9928	2.5043
y74	2.2764	0.1442	0.4013
z74	2.1357	-1.3906	4.4061
x75	-1.1771	-0.7956	1.9806
y75	2.2420	0.3154	0.3182
z75	2.2301	-0.5632	4.1942
x76	-1.3195	-0.5598	1.9946
y76	2.2211	0.4004	0.0360
z76	2.2213	0.6052	4.0265
x77	-1.3526	-0.0448	2.1977
y77	2.1500	0.5299	-0.2838
z77	2.0142	0.4958	3.3193
x78	-1.4012	0.6864	2.3279
y78	2.0578	0.6884	-0.5034
z78	1.7791	0.2537	2.7861
x79	-1.3447	1.0668	2.4468
y79	2.0667	0.8096	-0.6452
z79	1.4551	0.3612	2.1377
x80	-1.3883	1.3178	2.3300
y80	1.9857	0.5095	-0.9722
z80	1.3945	1.1004	1.6727
x81	-1.4265	1.8558	2.0787
y81	1.9359	0.4692	-1.2968
z81	1.3967	0.9873	1.2454
x82	-1.5438	2.3000	1.6601
y82	1.7674	0.2574	-1.6578
z82	1.4662	1.0376	0.5749

x83	-1.5127	3.1429	1.0809
y83	1.5655	0.1858	-2.2236
z83	1.6639	0.8372	0.1959
x84	-1.6807	-1.2394	-1.3006
y84	-3.5576	-1.4851	-1.5970
z84	1.6959	2.7735	0.6082
x85	-1.5709	-0.7325	-1.4603
y85	-3.2202	-1.5408	-1.5205
z85	1.5522	2.6313	0.8496
x86	-1.4814	-0.4298	-1.4555
y86	-3.0034	-1.4066	-1.4892
z86	1.2784	2.5344	0.6797
x87	-1.3361	-0.5672	-1.1761
y87	-2.8303	-1.1912	-1.4605
z87	1.0402	2.8134	0.2158
x88	-0.9970	-0.3795	-0.6142
y88	-2.6811	-1.0094	-1.3221
z88	0.6479	2.4514	-0.4860
x89	-1.0861	-0.4264	-0.8632
y89	-2.6406	-1.0259	-1.4421
z89	0.7240	2.3907	-0.3561
x90	-1.0175	-0.4238	-0.5935
y90	-2.5693	-0.9005	-1.5061
z90	0.6273	2.3619	-0.6049
x91	-0.8536	-0.3100	-0.1967
y91	-2.5061	-0.5930	-1.4893
z91	0.5922	2.2635	-0.8184
x92	-0.8807	-0.6229	-0.4069

y92	-2.5957	-0.5953	-1.9814
z92	0.7170	2.3538	-0.5597
x93	-0.8844	-1.2207	-0.4299
y93	-2.2375	-0.3438	-1.7533
z93	0.6669	2.4274	-0.5682
x94	-0.7968	-1.4865	-0.3255
y94	-1.8231	0.0524	-1.3728
z94	0.6610	2.3806	-0.5412
x95	-0.8894	-1.3692	-0.2418
y95	-1.6180	0.2200	-1.2993
z95	0.8595	2.3090	-0.3533
x96	-0.7528	-1.2603	0.1429
y96	-1.2907	0.6253	-1.0604
z96	0.9213	2.1199	-0.3175
x97	-0.9197	-0.9965	0.3536
y97	-1.0609	0.8221	-0.9216
z97	0.9254	1.9288	-0.4201
x98	-1.1783	-0.4344	0.0014
y98	-0.8513	1.1917	-0.8698
z98	0.9815	1.7442	-0.5163
x99	-0.7871	0.5379	0.5248
y99	-0.3755	2.0475	-0.3052
z99	1.1020	1.5289	-0.5363
x100	-0.8132	0.3242	0.5596
y100	-0.1085	1.9419	-0.0909
z100	1.1059	1.2638	-0.6899
x101	-1.0117	0.3496	0.4163
y101	0.1289	2.0001	0.1272

z101	1.0688	0.9365	-0.9639
x102	-1.0851	0.3899	0.5065
y102	0.5907	1.8038	0.6373
z102	0.9262	0.9232	-1.2865
x103	-0.9055	0.4551	0.7198
y103	1.2730	1.7698	1.1088
z103	0.6123	0.6922	-1.4471
x104	-0.9207	0.7806	1.2322
y104	1.7046	1.9353	1.6111
z104	0.2719	0.3992	-1.4666
x105	-1.0942	1.1760	1.1872
y105	1.7521	1.9864	1.2656
z105	0.0092	0.6327	-1.6199
x106	-1.2074	1.4567	1.2794
y106	1.4197	1.2361	0.0275
z106	-0.1530	0.8588	-1.5170
x107	-1.3327	1.5462	1.2999
y107	1.4925	0.9992	0.1514
z107	-0.2222	0.9902	-1.2544
x108	-1.2884	1.6908	1.3901
y108	1.4857	1.0958	0.6848
z108	-0.2796	1.2494	-1.1258
x109	-1.3650	1.7132	1.3018
y109	1.4457	0.6152	0.5920
z109	-0.2311	1.1607	-1.1851
x110	-1.3977	1.6277	1.4029
y110	1.1769	1.0817	0.1697
z110	-0.2255	0.9996	-1.3294

x111	-1.5374	1.7346	1.4663
y111	0.8058	1.0134	0.0091
z111	0.0539	1.0378	-1.5089
x112	-1.4523	1.6342	1.6289
y112	0.3814	0.2425	-0.0686
z112	-0.2113	1.1820	-1.3841
x113	-1.2002	1.7477	2.1626
y113	-0.1194	-0.0778	-0.6432
z113	-0.5055	1.3620	-0.9938
x114	-1.0855	1.9628	1.6723
y114	-0.5689	-1.0307	-0.9945
z114	-0.7587	1.3581	-0.8608
x115	-1.3369	2.3758	0.7029
y115	-0.6761	-0.7410	-0.4715
z115	-0.9562	1.5537	-1.0142
x116	-1.6350	2.9885	0.0949
y116	-0.7310	-0.4706	-0.0923
z116	-1.1768	1.3746	-1.6835
x117	-1.9929	3.7106	-0.3097
y117	-0.6155	-0.9483	-0.0145
z117	-1.5056	1.9840	-2.2345
x118	-2.0579	4.0167	-0.6793
y118	-0.5202	0.0339	0.8560
z118	-1.8119	2.0987	-3.1277
x119	-1.8182	4.1685	-0.5531
y119	-1.0314	0.9298	1.1163
z119	-1.3296	3.0705	-2.1396
x120	-1.5040	4.2624	-0.1087

y120	-1.8860	1.5865	1.1476
z120	-0.7849	3.0452	-1.8978
x121	-1.5957	3.5620	-0.2120
y121	-2.6104	1.2958	0.1598
z121	-1.2615	2.7525	-2.6061
x122	-1.5170	3.0368	-0.1657
y122	-2.8612	1.2101	-0.1971
z122	-1.1705	2.3943	-2.2944
x123	-1.6052	2.2169	-0.4312
y123	-3.0320	0.7175	-0.5580
z123	-0.6218	1.9299	-1.4724
x124	-1.5875	1.6218	-0.4907
y124	-3.2793	0.0972	-1.0655
z124	-0.3953	1.3055	-1.5987
x125	-1.5139	0.9884	-0.5212
y125	-3.5249	-0.4394	-1.4677
z125	-0.2603	0.8726	-1.7246
x126	-1.3566	0.4001	-0.6226
y126	-3.6677	-0.9006	-1.7475
z126	0.1353	0.9283	-1.8716
x127	-1.2019	-0.2122	-0.7094
y127	-3.7380	-1.1535	-1.8525
z127	0.6396	1.4428	-1.6705
x128	-1.0984	-0.7655	-0.6487
y128	-3.7976	-1.2060	-1.8643
z128	1.1416	2.7267	-0.8525
x129	0.8270	3.3865	-1.5368
y129	-0.3670	0.6314	0.0299

z129	-0.6750	2.2031	-0.5473
x130	0.3898	2.8462	-1.6107
y130	-0.7234	0.2392	-0.2879
z130	-0.8221	2.5578	-0.7772
x131	0.3298	2.2039	-1.4882
y131	-1.3033	-0.1209	-0.7202
z131	-0.8092	2.8456	-0.8792
x132	0.1605	2.0037	-1.3381
y132	-1.9044	-0.9441	-1.3221
z132	-0.7551	2.6207	-0.9374
x133	-0.3056	1.7842	-1.5957
y133	-2.1212	-1.2767	-1.4107
z133	-0.5642	1.9187	-0.7426
x134	-0.7506	1.3910	-1.9719
y134	-2.2291	-0.8133	-1.2687
z134	-0.4638	1.4717	-0.6991
x135	-0.8656	1.1606	-2.1389
y135	-2.5257	-0.3156	-1.3505
z135	-0.0934	1.2379	-0.5456
x136	-0.8970	0.9008	-1.8984
y136	-2.8919	0.0591	-2.0056
z136	0.2069	0.9338	-0.2346
x137	-1.0763	0.7878	-1.7726
y137	-2.8705	0.2835	-2.3627
z137	0.3495	0.7458	0.0379
x138	-0.8100	-0.0099	-1.1607
y138	-3.1336	0.8722	-2.7157
z138	0.3025	0.9600	-0.1774

x139	-0.5905	-0.4945	-0.7413
y139	-3.0353	1.2493	-2.4538
z139	0.2293	0.9473	-0.5890
x140	-0.5650	-0.6255	-0.4709
y140	-2.9942	1.4006	-2.3913
z140	0.3467	0.9104	-0.7352
x141	-0.9053	-1.6809	-1.0512
y141	-2.7317	1.8512	-1.7221
z141	0.3474	0.8708	-1.1496
x142	-0.9277	-2.2367	-1.1207
y142	-2.5858	2.0875	-1.3937
z142	0.5656	0.9125	-1.1928
x143	-0.7941	-1.4842	-0.7967
y143	-2.4823	1.9498	-1.3386
z143	0.8502	0.9681	-1.0077
x144	-0.8538	-0.9463	-0.4022
y144	-2.2688	1.9377	-1.0433
z144	0.9878	1.1926	-0.9553
x145	-0.6052	-0.1774	-0.2050
y145	-2.1801	1.5541	-1.0425
z145	1.1587	1.2221	-0.7756
x146	-0.7306	-0.3050	-0.0735
y146	-1.8193	1.6740	-0.7665
z146	1.1834	1.1098	-1.0165
x147	-0.6661	-0.6764	0.0474
y147	-1.5699	1.9575	-0.4995
z147	1.3250	0.7793	-0.9824
x148	-0.6694	0.2014	0.3380

y148	-1.4253	2.1064	-0.2121
z148	1.6034	1.0100	-0.7611
x149	-0.9268	-0.0345	0.4602
y149	-1.2613	2.3727	-0.0931
z149	1.7050	0.8009	-0.5452
x150	-0.8925	0.3608	0.8386
y150	-0.9878	2.6105	0.0525
z150	1.8587	0.9775	-0.1164
x151	-0.9672	0.0051	0.7884
y151	-0.6403	2.8362	0.2298
z151	1.8279	0.5369	-0.1241
x152	-1.0788	-0.1462	0.7745
y152	-0.3601	3.0243	0.3416
z152	1.8386	0.2951	0.0153
x153	-1.2666	0.1007	1.0056
y153	-0.1583	3.0767	0.3440
z153	1.8735	0.6153	0.7067
x154	-1.2014	0.9545	1.1574
y154	-0.1172	3.1862	0.2457
z154	2.2833	1.3873	1.2769
x155	-1.3237	0.8798	1.2861
y155	-0.0760	2.9361	0.1328
z155	2.2410	0.8674	1.6061
x156	-1.4111	1.0001	1.6359
y156	0.0216	3.1306	0.5058
z156	2.2650	0.2846	1.6970
x157	-1.4662	1.2440	2.0438
y157	0.2634	2.8190	1.1464

z157	2.2478	0.7590	1.6356
x158	-1.7209	1.1798	2.1141
y158	0.5972	2.2213	1.1763
z158	1.8325	0.4853	1.2259
x159	-1.8648	1.2542	2.2241
y159	0.8293	1.3036	0.5999
z159	1.8294	1.2289	1.7191
x160	-2.0164	1.4027	2.1922
y160	1.0176	0.7890	0.0736
z160	1.8323	1.1795	1.6342
x161	-2.0862	1.4264	2.3096
y161	1.2969	0.2524	-0.0857
z161	1.8444	1.0025	1.3865
x162	-1.9831	1.6133	2.4220
y162	1.5126	-0.1465	-0.1734
z162	1.8101	1.1047	0.7948
x163	-1.9823	1.7460	2.0468
y163	1.5573	-0.1305	-0.7432
z163	1.7303	1.6985	0.5937
x164	-1.7133	2.5296	1.9173
y164	1.5516	-0.0153	-1.4764
z164	1.5547	0.6152	-0.1472
x165	-1.5127	3.1429	1.0809
y165	1.5655	0.1858	-2.2236
z165	1.6639	0.8372	0.1959
x166	1.1796	-0.0464	-1.8173
y166	0.1156	-3.0661	-0.3726
z166	0.1007	0.2512	-0.3540

x167	0.9422	-0.7160	-2.3805
y167	-0.1767	-2.1880	-0.1825
z167	0.0674	-0.0547	-0.6072
x168	0.8310	-0.9142	-2.3435
y168	-0.3854	-1.5806	-0.2929
z168	0.2207	-0.0909	-0.0528
x169	0.8253	-0.8985	-2.0084
y169	-0.4722	-1.6032	-0.4173
z169	0.4679	0.6190	0.8225
x170	0.8779	-1.0210	-1.6533
y170	-0.5261	-1.7120	-0.3493
z170	0.5976	0.8408	0.8614
x171	1.0421	-1.1330	-1.1213
y171	-0.3728	-1.8694	-0.0839
z171	0.4654	0.7340	0.3470
x172	1.1681	-1.3656	-0.7405
y172	-0.2642	-2.0574	0.1172
z172	0.3259	0.7011	0.0350
x173	1.1706	-1.5336	-0.5961
y173	-0.2454	-2.1516	0.2239
z173	0.6368	0.8144	0.4124
x174	1.1165	-1.7943	-0.4723
y174	-0.4360	-2.2563	0.1873
z174	1.0639	1.1370	0.7381
x175	1.1557	-1.6059	-0.2518
y175	-0.6355	-2.0994	0.1820
z175	1.3528	1.3060	0.8432
x176	1.5712	-1.5027	0.2100

y176	-0.5828	-2.1494	0.2865
z176	1.2847	1.2516	0.7330
x177	1.7409	-1.5822	0.5001
y177	-0.5441	-2.2244	0.3905
z177	1.3948	1.3334	0.6939
x178	1.7613	-1.5472	0.6925
y178	-0.5545	-2.1615	0.5013
z178	1.4730	1.3931	0.6409
x179	1.7404	-1.4393	0.8563
y179	-0.5156	-2.0644	0.5987
z179	1.6144	1.5882	0.6097
x180	1.6536	-1.4997	0.7839
y180	-0.5046	-2.0382	0.5868
z180	1.7722	1.9611	0.7265
x181	1.4869	-1.3702	0.7508
y181	-0.4946	-1.8631	0.6134
z181	1.8479	2.3844	0.6291
x182	1.4315	-0.8322	0.7800
y182	-0.6875	-1.7867	0.4773
z182	1.5698	2.4675	0.2403
x183	1.6648	-0.2352	0.7295
y183	-0.9019	-1.6875	0.3223
z183	1.2988	1.9143	-0.0258
x184	1.8558	-0.3348	0.7414
y184	-0.6885	-1.3016	0.5809
z184	1.5509	2.2294	0.1601
x185	1.6437	-0.2828	0.6624
y185	-0.4608	-0.6718	0.6807

z185	1.8623	2.5327	-0.0555
x186	1.0965	0.2541	-0.1247
y186	-0.5566	-0.2836	0.8979
z186	1.4338	2.4717	-0.3783
x187	0.7513	0.5568	-0.7011
y187	-0.5817	0.0748	1.1411
z187	1.2483	2.9840	-0.1495
x188	0.5021	0.6484	-0.9951
y188	-0.6443	0.7579	1.2754
z188	1.0613	3.3511	0.0233
x189	0.4256	0.5721	-1.1737
y189	-0.7661	0.5996	1.0700
z189	0.9921	3.1120	0.1097
x190	0.1586	0.1999	-1.9434
y190	-0.2390	1.6246	2.1029
z190	1.5085	3.9766	1.1773
x191	0.1427	0.9354	-1.9763
y191	-0.1472	1.3731	1.8915
z191	1.8159	3.9707	1.5227
x192	0.2007	0.7575	-2.0483
y192	-0.2381	1.6447	1.8496
z192	1.8769	3.5188	1.8937
x193	0.3585	1.2854	-1.6506
y193	-0.6549	1.0747	1.5798
z193	1.5891	3.2722	2.4760
x194	-0.1017	2.1072	-2.1927
y194	-1.0425	0.6081	1.5207
z194	0.6634	3.7410	2.3680

x195	-0.1151	2.5802	-2.2288
y195	-1.3406	0.7771	1.1649
z195	-0.0408	3.8928	2.1323
x196	-0.4483	2.9324	-2.5953
y196	-0.9295	0.4312	1.3925
z196	-0.5082	3.5812	1.6887
x197	-0.5496	2.6862	-2.7375
y197	-0.9246	0.6461	1.5745
z197	-1.0006	2.5924	0.8524
x198	-0.6011	2.6469	-2.6577
y198	-1.1599	-0.0430	1.9889
z198	-1.2054	1.4739	0.2741
x199	-0.5969	2.6165	-2.4303
y199	-1.1516	-0.7189	2.2362
z199	-1.2087	0.5238	-0.1761
x200	-0.4219	2.8008	-1.9217
y200	-0.9311	-1.5789	1.6181
z200	-1.1449	-0.7492	-1.0064
x201	0.0359	3.6461	-0.8393
y201	0.7242	-0.0635	3.3932
z201	-0.8391	-2.1096	-1.4332
x202	-0.0376	3.6833	-0.5133
y202	1.6233	0.0274	3.6507
z202	-0.4510	-3.4999	-2.0318
x203	-0.5075	2.7452	-0.5991
y203	1.4514	-1.1295	2.0874
z203	-1.1696	-4.3220	-2.8439
x204	-0.8600	2.6633	-0.2615

y204	1.5393	-1.0143	1.4885
z204	-1.5912	-4.1896	-2.7770
x205	-0.4433	3.3070	0.9967
y205	1.7183	-0.6721	0.8137
z205	-1.4691	-3.0177	-2.1132
x206	-0.3961	2.4390	1.4489
y206	1.8633	-0.5642	0.4110
z206	-1.6203	-2.5585	-2.1102
x207	-0.4809	1.0618	1.4863
y207	1.7814	-0.5910	-0.0830
z207	-1.8324	-2.2880	-2.1775
x208	-0.1960	-0.2288	1.8089
y208	1.5533	-0.2850	-0.4511
z208	-2.0040	-1.8958	-2.3140
x209	0.2461	-0.4613	2.1329
y209	1.1041	0.2273	-0.9191
z209	-2.4049	-0.8464	-2.7502
x210	0.8335	-0.0443	2.1547
y210	0.4100	0.5964	-1.3591
z210	-2.7982	0.4798	-3.2278
x211	1.1808	0.0204	1.7146
y211	-0.1196	1.5385	-1.3080
z211	-3.2052	1.4229	-3.8562
x212	1.0576	0.0250	1.7622
y212	0.2573	2.1449	-1.3164
z212	-3.1465	1.7456	-3.2503
x213	0.9257	0.5598	1.6949
y213	0.5282	1.9338	-1.2914

z213	-2.9335	2.5010	-2.6096
x214	0.6648	0.9066	1.4739
y214	0.8063	1.6280	-1.1709
z214	-2.7359	2.9944	-1.9828
x215	0.5428	1.0530	1.1194
y215	0.9404	1.1967	-0.9938
z215	-2.3862	3.0786	-1.5705
x216	0.3673	1.6908	0.5033
y216	1.0991	0.1008	-0.9000
z216	-2.1994	2.9154	-1.7471
x217	0.5938	1.7520	0.0330
y217	1.1251	-0.5544	-0.5211
z217	-1.8275	2.6196	-1.6506
x218	0.7209	1.4720	-0.9511
y218	0.8396	-1.7921	-0.6961
z218	-1.5383	1.9031	-1.7763
x219	1.2540	0.9235	-1.3092
y219	0.4000	-2.2985	-0.5713
z219	-1.1948	0.9745	-1.5963
x220	3.1275	-2.3392	-3.4039
y220	-0.7664	-1.0872	-1.7661
z220	-1.5082	-1.1742	-0.1588
x221	2.6550	-2.2283	-3.4361
y221	-0.9441	-0.7738	-1.7200
z221	-1.3510	-1.6029	-0.1251
x222	2.2334	-1.9486	-3.4459
y222	-1.1235	-0.4075	-1.8115
z222	-1.1967	-1.8808	-0.0401

x223	1.9845	-1.7511	-3.3735
y223	-1.1464	-0.5749	-2.0714
z223	-1.1765	-1.7454	0.1270
x224	1.9494	-1.5347	-2.9663
y224	-0.9318	-0.7164	-1.8681
z224	-1.0281	-1.5724	0.4739
x225	1.7672	-1.2398	-2.5354
y225	-1.0582	-0.8143	-1.7745
z225	-0.9092	-1.1407	0.6695
x226	1.7389	-0.8363	-1.9773
y226	-1.0888	-0.7039	-1.5307
z226	-0.7325	-0.7127	0.7849
x227	1.5841	-0.2727	-1.4866
y227	-1.2294	-0.4414	-1.3458
z227	-0.6158	-0.5165	0.6359
x228	1.6242	-0.0370	-1.1395
y228	-1.2250	-0.2640	-1.1360
z228	-0.4758	-0.4187	0.3654
x229	1.5814	-0.4942	-1.2758
y229	-1.2568	-0.9130	-1.4452
z229	-0.2217	-0.1073	0.3055
x230	1.5471	-0.6706	-1.0037
y230	-1.3903	-1.1011	-1.3893
z230	-0.1539	0.4481	0.2298
x231	1.5997	-0.5827	-0.4807
y231	-1.5702	-1.1778	-1.1204
z231	-0.1012	0.7702	0.1577
x232	1.8824	-0.6297	-0.1860

y232	-1.4590	-1.4358	-1.0559
z232	0.0539	1.1733	0.2314
x233	2.0042	-0.4916	0.0846
y233	-1.5749	-1.5405	-1.0385
z233	0.0681	1.5037	0.0685
x234	2.1287	-0.5853	0.5507
y234	-1.8127	-1.7488	-1.0067
z234	-0.1308	1.6421	-0.2420
x235	2.4183	0.2028	0.6896
y235	-1.7622	-1.4677	-1.0669
z235	-0.2648	1.3842	-0.3963
x236	2.2952	-0.0812	0.4522
y236	-1.9847	-1.8745	-1.3281
z236	-0.1908	1.3516	-0.4096
x237	2.0650	-0.4393	0.5755
y237	-2.2171	-2.2571	-1.3854
z237	-0.3051	1.2653	-0.5695
x238	2.3314	0.5768	1.0867
y238	-2.1374	-2.0674	-1.2427
z238	-0.3027	0.9841	-0.7494
x239	2.0112	1.0885	1.2642
y239	-2.1950	-1.9807	-1.3978
z239	-0.2655	0.9474	-1.0014
x240	1.7465	0.5564	1.2532
y240	-2.3694	-2.3210	-1.7363
z240	-0.3832	1.0093	-1.3172
x241	1.0843	-0.0027	1.3735
y241	-2.5484	-2.5001	-1.9323

z241	-0.5412	1.0467	-1.5904
x242	1.0028	0.8590	1.7802
y242	-2.7190	-2.8395	-2.2157
z242	-0.6395	0.8397	-1.7403
x243	1.1032	1.1507	2.4483
y243	-2.7642	-2.7629	-2.1301
z243	-0.6072	0.7921	-1.5990
x244	0.6957	0.6896	1.6105
y244	-2.8119	-2.4755	-1.9586
z244	-0.6819	1.1544	-1.4389
x245	0.7824	1.2156	1.4681
y245	-2.9451	-2.2146	-1.8728
z245	-0.7509	1.3414	-1.2774
x246	0.8719	1.6793	1.6840
y246	-3.0234	-2.1693	-1.9461
z246	-0.7667	1.4260	-1.0653
x247	0.3851	1.4230	0.6299
y247	-2.8010	-1.5828	-1.2963
z247	-0.8638	1.5429	-0.7340
x248	0.2632	1.9024	0.1995
y248	-2.7560	-1.4766	-0.8655
z248	-0.8597	1.6332	-0.2227
x249	0.4388	2.4900	-0.0839
y249	-2.9439	-1.6736	-1.0925
z249	-0.8273	1.7423	0.0084
x250	0.4969	2.2206	-0.7453
y250	-3.0111	-1.1206	-0.8749
z250	-1.0611	1.4557	0.0297

x251	0.1683	1.8888	-1.3549
y251	-3.0719	-0.8335	-0.6133
z251	-1.3905	1.0653	0.1981
x252	0.1139	2.2636	-1.5237
y252	-3.0899	-1.4361	-0.8006
z252	-1.1543	0.7919	0.6917
x253	-0.0051	2.9156	-2.0793
y253	-3.0998	-1.6662	-0.6076
z253	-1.1097	0.9578	0.5694
x254	0.0317	3.1888	-2.0579
y254	-3.3407	-1.6828	-1.0734
z254	-0.8882	0.8185	0.8829
x255	-0.3248	3.1703	-2.7100
y255	-3.2409	-1.5744	-0.7907
z255	-0.7857	0.5344	0.8551
x256	-0.7325	3.7449	-3.4954
y256	-3.1892	-2.1257	-0.5501
z256	-0.6454	0.4398	0.3838
x257	-2.4359	-0.6056	-0.5182
y257	5.8431	7.1183	6.1853
z257	-4.3185	-0.4172	-7.9480
x258	-0.9097	0.5130	-0.3191
y258	4.3895	5.9907	5.4236
z258	-4.3923	-0.2091	-7.0647
x259	-0.0424	0.9232	0.0431
y259	3.1967	5.1996	4.5237
z259	-4.4077	0.0491	-6.6684
x260	0.8002	1.4471	0.5218

y260	1.8327	4.2182	3.4215
z260	-4.2982	0.2633	-6.3108
x261	1.2680	1.4858	0.7167
y261	0.3315	3.4548	2.3677
z261	-4.2922	0.0782	-5.5901
x262	1.5317	1.7236	0.3691
y262	-0.8568	2.3704	1.5121
z262	-4.4628	0.1308	-4.6540
x263	1.1270	2.1007	-0.1731
y263	-1.5712	1.1127	0.2049
z263	-4.4608	0.5400	-3.4749
x264	0.2934	1.9255	-0.8777
y264	-1.6947	1.0177	-0.7748
z264	-4.2538	0.6342	-2.1495
x265	-0.4558	1.3033	-1.3922
y265	-1.8366	0.4571	-2.2624
z265	-4.3936	0.8232	-1.2861
x266	-1.6151	1.2266	-2.6317
y266	-2.1754	-0.0580	-2.9644
z266	-3.3709	-0.2362	0.3737
x267	-2.5441	0.2276	-3.4508
y267	-1.7920	-2.2477	-1.4970
z267	-2.6461	-2.7409	2.8429
x268	-2.7187	-0.6757	-3.5851
y268	-0.8519	-3.1759	-0.2491
z268	-2.6007	-4.8473	4.4896
x269	-2.2581	-2.6745	-3.0863
y269	-0.7590	-0.9547	-0.5642

z269	-2.4854	-6.7543	5.5632
x270	-1.9090	-2.6290	-2.7896
y270	-0.3229	-0.5651	-0.5283
z270	-2.6436	-7.1740	6.1561
x271	-1.2054	-4.2314	-1.8141
y271	0.1750	-1.2519	0.1711
z271	-2.9965	-5.7597	5.9736
x272	-0.6072	-5.4867	-1.2719
y272	0.2765	-0.8098	0.0516
z272	-3.4000	-3.9039	5.1570
x273	-0.0460	-6.6226	-0.0291
y273	0.1377	0.9257	0.2161
z273	-3.6981	-1.5927	4.5358
x274	0.7515	-7.3880	0.8953
y274	0.3504	0.9856	0.7425
z274	-3.2719	-1.3548	4.0445
x275	0.8280	-6.8049	0.6521
y275	0.2750	1.0017	1.0968
z275	-2.2130	-1.2559	3.9409
x276	1.2371	-6.0405	0.5800
y276	0.4563	0.2799	1.3656
z276	-2.1714	0.4211	3.5464
x277	1.3045	-6.7213	0.7203
y277	0.6995	0.3901	1.4490
z277	-2.9037	0.3618	2.9606
x278	1.5034	-6.9275	1.7588
y278	0.5226	0.3708	0.5353
z278	-2.9346	0.6316	3.3644

x279	1.0801	-5.8895	1.1249
y279	0.9072	-0.6148	0.7095
z279	-3.1632	1.2041	3.5122
x280	0.9363	-4.6584	1.0507
y280	0.8350	-1.5849	0.1949
z280	-3.4431	1.0450	3.0774
x281	0.5639	-3.5327	0.6517
y281	0.9314	-2.3445	-0.0584
z281	-3.4903	1.2641	2.6755
x282	0.4528	-3.3901	0.6993
y282	0.0851	-1.2456	-1.7940
z282	-2.8945	0.5387	2.2135
x283	0.1771	-3.3281	0.6680
y283	0.0363	0.8415	-2.6386
z283	-2.4242	-0.5291	1.4461
x284	-0.2556	-3.0752	0.3494
y284	0.5032	1.0808	-3.0772
z284	-2.1922	-0.5538	0.4896
x285	-0.6853	-2.6820	0.0007
y285	0.3228	0.9447	-2.6715
z285	-1.9379	0.7851	0.8428
x286	-0.5056	-2.3070	-0.5606
y286	-0.0902	1.9934	-2.0498
z286	-1.1634	1.2414	0.8005
x287	-0.8893	-2.1105	-0.8994
y287	-0.3593	1.8427	-1.1321
z287	-0.6372	1.0775	0.6251
x288	-1.1780	-2.4244	-1.6417

y288	-0.2669	1.5685	-0.8008
z288	-0.2380	0.9747	0.2954
x289	-1.8108	-2.4624	-2.2341
y289	0.2974	2.1230	-0.6315
z289	-0.0297	1.2957	-0.8356
x290	-2.4584	-2.6152	-2.2522
y290	1.3313	2.8652	0.0185
z290	0.0157	1.0445	-2.0838
x291	-3.1680	-2.8330	-1.8275
y291	2.8346	4.3081	1.6824
z291	-1.1063	0.2246	-3.8137
x292	-4.1549	-2.4570	-1.6572
y292	5.0389	7.0260	4.0126
z292	-2.7791	0.1743	-6.3123
x293	-1.4655	2.2068	-1.5905
y293	2.7683	6.7959	2.4429
z293	-0.1905	1.4078	-1.3369
x294	-1.8539	3.3922	-2.3884
y294	1.6498	6.1183	2.7111
z294	0.6066	1.8676	-0.6682
x295	-2.2516	4.0720	-2.3031
y295	0.0264	5.1756	1.8035
z295	1.1811	2.4886	1.2087
x296	-2.0713	4.7648	-1.7754
y296	-1.4385	4.1928	0.8466
z296	0.7940	2.7874	2.0691
x297	-1.9805	5.6195	-1.5557
y297	-2.6688	3.6130	-0.3873

z297	0.6684	2.6300	2.6727
x298	-2.4644	6.0066	-1.8421
y298	-2.5087	3.3582	-0.5378
z298	0.2861	2.8008	3.1634
x299	-2.8190	5.8759	-3.1591
y299	-1.9225	2.4762	-0.1750
z299	-0.3857	3.4100	3.4961
x300	-2.4750	5.8815	-3.5865
y300	-0.6247	1.0930	0.6462
z300	-1.0418	4.2171	4.1815
x301	-1.7367	3.9029	-3.9992
y301	0.7792	-2.8270	1.8222
z301	-0.8315	2.7192	4.1126
x302	-1.4980	1.6846	-2.9103
y302	1.0543	-2.7790	1.2810
z302	-0.3724	3.2506	4.0327
x303	-0.5797	1.1480	-0.5396
y303	-0.0358	-1.9245	-0.5951
z303	-0.5767	2.9084	4.1058
x304	-0.0641	2.2293	0.2755
y304	-0.3399	-3.3310	-0.7454
z304	-0.8479	0.6721	3.6857
x305	0.5979	2.1533	1.0088
y305	-0.3560	-3.0198	-1.1380
z305	-1.6419	-0.9008	3.2054
x306	1.1953	1.9116	1.5900
y306	-0.1209	-2.6215	-1.3511
z306	-2.5396	-1.8065	2.7667

x307	1.5077	2.2293	1.6278
y307	-0.1870	-2.0766	-1.9681
z307	-2.8822	-1.9460	2.6510
x308	1.8030	2.8025	1.0178
y308	-0.0260	-1.6079	-2.8374
z308	-2.7604	-0.9326	2.9275
x309	2.1788	3.0479	0.0756
y309	0.4100	-1.4386	-3.4566
z309	-2.4498	0.8994	3.4292
x310	1.6943	1.1332	-1.8834
y310	0.1552	-3.0418	-4.4982
z310	-2.3582	2.0986	3.6080
x311	1.0773	-1.5969	-3.3627
y311	-0.3820	-4.8722	-5.8620
z311	-2.3873	1.4959	2.1386
x312	-1.8665	1.8195	-1.7661
y312	1.0486	-3.9081	2.1305
z312	2.9745	-6.2602	-1.0450
x313	-1.6153	2.2058	-1.6599
y313	1.7495	-2.8646	1.6606
z313	1.8430	-4.4268	-1.3662
x314	-0.6913	1.9189	-0.8954
y314	1.3694	-2.2277	0.1819
z314	0.8986	-3.6368	-2.2562
x315	-0.2499	1.7080	-0.3816
y315	0.9460	-1.4604	-0.4458
z315	1.3158	-2.4211	-1.6466
x316	0.4923	1.5949	0.0439

y316	0.8726	-1.0610	-0.6679
z316	1.1888	-1.6251	-1.3115
x317	0.6045	0.8909	-1.1756
y317	0.9118	-0.7438	-0.3194
z317	1.1745	-1.0770	-0.9739
x318	1.1873	0.4335	-1.4959
y318	0.5610	-0.5510	-0.3094
z318	0.9236	-0.5162	-0.8092
x319	2.2039	0.9725	0.8961
y319	0.0503	-0.4006	-1.4410
z319	0.6939	0.3781	-1.2322
x320	3.6242	1.2573	3.2862
y320	-0.8004	0.0153	-1.9214
z320	0.8973	1.7159	-1.0077
x321	2.8743	-0.5084	1.9634
y321	-0.8213	0.8680	-0.4194
z321	1.2798	3.1902	-0.0049
x322	3.0952	-0.8776	2.6428
y322	-1.3939	-0.4104	-1.0978
z322	1.7281	0.5658	-0.3332
x323	2.8006	-0.9537	2.5946
y323	-1.7388	-0.9353	-1.2992
z323	2.3041	-0.4107	-0.2363
x324	2.6305	-0.9817	2.5507
y324	-1.8114	-1.7438	-1.4113
z324	2.6301	-1.4615	-0.2079
x325	2.4238	-1.2569	2.2280
y325	-1.8127	-2.3789	-1.5039

z325	2.7907	-2.0397	-0.0712
x326	2.0205	-1.4013	1.5424
y326	-1.6019	-2.9306	-1.5311
z326	2.4806	-2.1716	-0.1159
x327	1.5638	-0.6969	0.7093
y327	-1.3358	-3.7680	-1.6868
z327	1.5832	-2.0460	-0.4734
x328	1.7959	-0.2659	0.0317
y328	-1.2667	-4.6818	-2.0445
z328	0.4262	-1.9077	-0.8547
x329	2.5578	-0.1017	-0.4317
y329	-1.2058	-5.6708	-2.4280
z329	-0.8383	-2.0145	-1.1451
x330	2.9876	-0.4655	-1.1750
y330	-0.4387	-6.0217	-1.7577
z330	-2.1013	-2.5654	-2.4240
x331	-0.6467	2.6637	-1.5473
y331	1.3505	-0.5111	1.7735
z331	0.7594	-6.2371	4.6559
x332	-0.4677	0.5730	-0.4827
y332	0.9484	-0.9213	1.6320
z332	1.0252	-6.0644	4.5580
x333	-0.8101	-0.9067	-0.2029
y333	0.3143	-0.9597	1.3214
z333	1.3252	-4.5043	4.5208
x334	-1.6353	-2.2031	0.0932
y334	-0.7724	-1.2449	1.0161
z334	0.9565	-3.5119	4.4444

x335	-1.5785	-1.8947	0.7922
y335	-1.0249	-0.7207	0.8984
z335	1.1179	-2.4196	4.4918
x336	-1.7061	-1.1482	0.1738
y336	-1.4792	0.4698	-0.5865
z336	1.0806	-1.5594	3.9506
x337	-1.6764	-0.5297	-0.7080
y337	-1.5040	1.3621	-1.9932
z337	1.0101	-0.6650	3.5292
x338	-1.4259	-0.0821	-1.2150
y338	-1.1274	1.9570	-2.6794
z338	0.9852	0.2645	3.3210
x339	-1.0435	0.3073	-1.0562
y339	-0.5475	2.5107	-2.1617
z339	0.7969	1.1390	2.9220
x340	-1.3404	0.9160	-1.3690
y340	-0.5509	4.4403	-2.2835
z340	0.7789	2.0973	2.3174
x341	-1.3790	0.6875	-0.2003
y341	-0.2930	4.3837	-1.2406
z341	0.8695	2.4554	2.6319
x342	-1.3866	0.7863	0.0975
y342	-0.2729	4.2744	-0.7861
z342	0.7267	2.8959	2.5464
x343	-1.1877	0.8795	0.4850
y343	-0.0691	4.4223	-0.2620
z343	0.6308	3.3563	2.5069
x344	-1.1548	0.9055	0.4811

y344	-0.1060	4.5967	-0.3876
z344	0.5732	3.8798	2.5659
x345	-0.9734	0.7697	0.4885
y345	0.2594	5.1381	0.1335
z345	0.4413	3.9412	2.3049
x346	-0.8392	0.2239	0.1884
y346	0.2785	5.4687	0.2140
z346	0.4903	3.5601	2.1115
x347	-0.5830	-0.7056	-0.1535
y347	0.5637	5.4585	0.4711
z347	0.1862	3.1264	1.7184
x348	-0.3749	-1.6505	-0.5348
y348	1.1239	4.7951	1.0058
z348	-0.4937	3.1538	1.1155
x349	-0.3361	-2.5326	-1.1003
y349	1.5509	4.3490	1.3405
z349	-1.0766	2.9318	0.9673
x350	-0.6874	3.9437	-1.6118
y350	-1.3387	1.7018	1.5871
z350	1.9561	0.0481	1.1941
x351	-0.4677	2.6336	-1.2538
y351	-1.0395	1.4649	1.7303
z351	2.1353	2.2932	0.3272
x352	-0.4005	1.8691	-1.1410
y352	-0.9068	2.6098	1.3069
z352	2.4947	1.9744	-0.0373
x353	-0.3445	1.2323	-0.8869
y353	-0.9110	3.2960	1.0324

z353	2.8972	1.2648	-0.1374
x354	-0.2645	0.6197	-0.5954
y354	-0.9594	2.5044	1.2780
z354	3.1066	1.5395	-0.2723
x355	-0.3806	-0.0537	-0.0999
y355	-1.3793	1.0431	2.0917
z355	2.8039	1.6462	-0.1750
x356	-0.5670	-0.4355	0.2310
y356	-1.6536	-0.2709	2.7420
z356	2.0415	0.9830	0.5577
x357	-0.5947	-0.2238	0.1664
y357	-1.6067	-1.5142	2.9811
z357	1.1735	0.2428	1.5914
x358	-0.3218	0.3688	-0.4079
y358	-1.1067	-3.2287	3.0098
z358	0.5584	-0.6284	2.8402
x359	0.2600	1.0202	-1.6466
y359	-0.3112	-5.1064	2.5712
z359	0.2754	-1.6336	3.1097
x360	-0.8991	-0.6672	1.1049
y360	0.1429	0.9727	1.1350
z360	1.5098	1.1269	-0.7566
x361	-0.4439	-0.6181	1.2721
y361	0.0732	0.8852	0.6346
z361	0.1534	1.2587	-2.3402
x362	0.0708	-0.3893	1.9366
y362	0.1735	0.7605	0.1555
z362	-0.7139	1.2846	-3.0036

x363	0.3161	-0.5477	2.1635
y363	0.3423	1.0026	0.0804
z363	-0.9215	2.1143	-2.3033
x364	0.4247	-0.7605	2.6893
y364	0.4549	1.4616	-0.3368
z364	-0.9630	2.7764	-2.1055
x365	0.6957	-1.3522	3.2132
y365	0.4639	1.9004	-0.7250
z365	-0.8618	3.2416	-1.6231
x366	1.0856	-1.3936	3.5738
y366	0.4125	2.1503	-0.9676
z366	-0.5276	3.3017	-0.7071
x367	1.0838	-1.9559	3.4352
y367	0.5110	2.6766	-0.8901
z367	-0.1133	2.9776	0.1926
x368	0.8363	-1.9924	2.5464
y368	0.6396	2.9828	-0.6094
z368	0.3075	2.6894	0.9175
x369	0.4523	-2.6703	1.2039
y369	0.7212	3.1378	-0.3113
z369	0.7015	1.5226	1.0908
x370	0.3392	-2.6468	1.0317
y370	-0.9136	2.9586	-2.1305
z370	1.0485	-0.4776	-1.9633
x371	1.0554	-1.7142	0.7499
y371	-1.0568	3.8662	-1.8948
z371	-0.1006	0.6694	-2.9978
x372	1.6449	-1.7520	0.9517

y372	-1.3034	3.8547	-1.2859
z372	-0.9408	1.6662	-3.1563
x373	1.9199	-1.1300	0.8018
y373	-1.9215	4.3190	-1.3851
z373	-1.7236	2.8453	-3.3342
x374	2.0870	-0.1443	0.5976
y374	-2.0984	5.4348	-1.2041
z374	-2.2157	3.7326	-3.3874
x375	2.2111	0.1185	0.3663
y375	-1.9505	6.4089	-1.3572
z375	-2.3443	3.8629	-2.9909
x376	2.3250	-0.3708	0.1795
y376	-1.7132	6.4724	-1.8543
z376	-2.2116	3.4900	-2.1019
x377	2.1022	-1.2955	-0.2291
y377	-2.0624	5.7729	-2.1246
z377	-1.5344	2.9162	-1.3812
x378	1.5956	-2.5212	-0.7982
y378	-2.4926	4.7662	-2.7144
z378	-0.5258	1.8253	-0.3726
x379	0.5375	-2.6839	-1.8135
y379	-2.5402	3.7172	-3.3146
z379	0.1503	1.3861	-0.3176
x380	-1.5444	1.3930	-2.6029
y380	-9.4915	-9.4377	1.7764
z380	0.5324	-13.4196	-2.0084
x381	-2.3758	0.3367	0.3162
y381	-7.9499	-6.0535	0.1668

z381	-1.1545	-7.8622	-4.2878
x382	-2.4307	-2.5559	-1.1443
y382	-6.4314	-6.1250	1.6127
z382	-1.8690	-3.5549	-4.7171
x383	-2.4857	-6.6911	0.4071
y383	-3.7584	-6.7863	3.6141
z383	-1.9347	-4.6062	-4.5473
x384	-2.8412	-6.6094	-0.1467
y384	-1.8569	-3.1488	3.7474
z384	-5.7484	-4.6221	-9.1905
x385	-0.3821	-7.1978	1.8731
y385	-2.5252	0.3071	1.4120
z385	-7.5872	-0.3454	-10.7163
x386	-1.1565	-9.1668	1.5901
y386	-1.4652	4.2053	0.1333
z386	-5.7742	5.4949	-8.7414
x387	-1.4261	-8.7164	-0.5459
y387	1.2462	6.4474	2.3586
z387	-3.8332	8.4850	-6.2549
x388	-1.7741	-6.8159	-2.8684
y388	3.2509	3.3144	4.8825
z388	-2.7023	4.7089	-6.6104
x389	-0.9869	-6.0414	-3.9743
y389	1.0185	3.6727	4.9715
z389	-0.9900	3.4248	-5.9646
x390	0.0322	-4.7043	-3.1047
y390	0.1695	4.8438	2.4148
z390	0.5914	4.6576	-4.7659

x391	-0.1252	-3.6978	-3.6980
y391	-1.7031	4.4943	-0.0636
z391	0.0464	4.1291	-5.2887
x392	-0.2732	-2.4964	-4.0000
y392	-1.6333	4.3896	-0.2963
z392	-0.1878	3.6323	-5.0160
x393	-0.3252	-1.3204	-4.0369
y393	-1.3227	5.4890	-0.4200
z393	-0.1963	3.4155	-4.1734
x394	-0.6699	-0.6167	-4.6201
y394	-1.4104	5.6572	-2.8456
z394	-0.2247	1.9528	-4.4091
x395	-0.5785	-0.2910	-4.2779
y395	-0.9898	4.7919	-3.0493
z395	0.0552	0.9425	-3.1236
x396	-0.2957	-0.0413	-3.0400
y396	0.3055	4.7035	-1.6263
z396	0.0934	-0.0123	-1.5562
x397	-0.2757	0.7267	-2.4241
y397	0.8810	6.4861	-1.2947
z397	0.2029	-0.9572	-0.5858
x398	-0.4313	0.2278	-2.3641
y398	1.2696	4.4880	-0.1558
z398	0.3688	-1.2203	-0.6204
x399	0.8415	1.9868	-1.2961
y399	2.4488	4.0002	1.9647
z399	1.1537	-1.0142	-0.8493
x400	0.9133	0.7280	-1.3681

y400	2.5998	1.3998	2.2825
z400	0.0002	-3.1597	-2.4085
x401	3.6122	3.8525	2.7439
y401	3.7057	1.5443	3.5290
z401	0.8161	-2.4945	-0.0260
x402	4.3534	4.8185	3.4245
y402	3.6773	1.1247	3.6913
z402	0.6906	-3.2424	-0.3806
x403	4.3730	5.0181	3.6274
y403	3.1149	0.4663	3.0153
z403	0.5770	-3.5661	0.2605
x404	4.0316	4.8819	3.9419
y404	2.3779	-0.2567	2.3266
z404	-0.9898	-4.6055	-1.4449
x405	2.9304	3.9541	3.5411
y405	1.4708	-1.0512	1.4597
z405	-1.7214	-5.4054	-2.2216
x406	0.7805	3.4676	3.4621
y406	-0.2767	-2.3102	-0.1679
z406	-3.8250	-6.9440	-4.6022
x407	-0.0896	2.0417	2.6270
y407	-0.7353	-2.3433	-1.4098
z407	-6.1944	-7.8890	-7.3033
x408	1.3774	1.7230	4.1600
y408	-1.0956	-2.2272	-2.4767
z408	-3.4320	-5.0357	-4.8007
x409	1.9093	1.7002	4.3721
y409	-1.0554	-2.6433	-3.0540

z409	-2.3897	-4.7047	-4.9163
x410	1.5522	0.9575	2.9847
y410	-1.1176	-3.2257	-4.2812
z410	-2.1506	-5.4886	-6.7563
x411	1.4072	1.6471	2.5745
y411	-0.9913	-3.8942	-4.3616
z411	-0.5505	-3.2848	-3.4951
x412	1.3778	2.2641	2.3645
y412	-0.8587	-4.0570	-4.0120
z412	0.2585	-2.4898	-1.9521
x413	0.9448	2.4093	2.3700
y413	-0.7765	-4.0245	-4.5475
z413	0.4912	-2.3665	-0.5827
x414	0.9391	1.9995	2.0198
y414	-0.7286	-2.2348	-3.4522
z414	1.0199	-2.9663	0.0489
x415	0.2864	0.9745	0.7209
y415	0.0368	-2.0075	-0.5328
z415	0.6630	-3.6309	-0.5273
x416	0.1484	0.2443	0.8270
y416	-0.2930	-2.9333	-0.7537
z416	1.6289	-2.8254	2.0573
x417	-0.2702	-1.3611	0.4102
y417	-0.4267	-2.8831	-1.0670
z417	1.7094	-4.1621	2.3120
x418	-0.9296	-2.7317	0.4960
y418	-0.3414	-3.8107	-0.7108
z418	1.2083	-3.9433	2.1116

x419	-1.5640	-3.4636	0.7491
y419	-1.0184	-3.4269	-0.3555
z419	1.7143	-4.8734	1.8869
x420	-1.4986	-3.1059	1.5761
y420	0.0959	-2.1243	0.8033
z420	0.3640	-6.0535	0.7716
x421	-1.5341	-3.9863	2.2211
y421	-0.0636	-2.5302	1.2613
z421	0.7007	-4.9950	0.4777
x422	-1.4022	-3.5377	2.8908
y422	-0.0015	-1.9799	1.6390
z422	0.8201	-5.3486	0.3023
x423	-0.5338	-2.5074	3.4643
y423	0.5420	-1.4490	1.6962
z423	-0.2022	-5.6014	0.1934
x424	-0.3116	-2.7757	3.2696
y424	0.3309	-1.5486	1.6855
z424	1.0778	-3.9879	0.4823
x425	1.2644	-3.1538	3.4907
y425	-0.3598	-1.3092	1.3210
z425	1.7752	-4.1989	1.3870
x426	2.6314	-1.9800	4.3536
y426	-0.9623	-1.9027	0.6404
z426	1.7662	-2.7848	2.5953
x427	2.6995	-1.5119	4.0217
y427	-1.1667	-1.9867	0.8380
z427	2.8341	-2.3562	2.2529
x428	2.5189	-1.0700	3.0599

y428	-1.8644	-2.7140	1.3586
z428	2.2443	-5.5767	1.8444
x429	2.7088	-0.6847	2.5346
y429	-1.8416	-2.2196	1.9897
z429	2.3918	-5.5321	1.2361
x430	2.2441	-0.0943	1.7020
y430	-1.1691	-2.1296	2.9989
z430	2.5368	-5.7367	-0.2616
x431	1.9859	0.9380	1.6870
y431	-1.0201	-2.9141	2.7007
z431	2.5290	-7.0536	-2.2912
x432	1.8883	1.7442	1.7270
y432	-0.4040	-3.1452	2.6377
z432	2.2680	-6.4685	-3.7601
x433	1.8669	2.6278	1.8713
y433	-0.5132	-2.6445	2.4854
z433	1.8208	-4.4866	-4.6658
x434	1.0576	3.1829	1.8336
y434	-1.4211	-0.3478	1.0412
z434	0.7546	-0.9238	-6.5669
x435	1.4735	1.5256	3.2369
y435	-1.1524	3.5012	0.1878
z435	0.8513	2.5802	-6.1404
x436	1.7581	1.5937	5.3569
y436	-0.3843	4.7085	1.3247
z436	1.6460	6.4704	-4.3191
x437	1.9249	0.9918	5.7472
y437	-0.6142	2.0145	0.7173

z437	1.5377	3.8669	-3.1768
x438	1.4719	3.3501	5.6200
y438	-1.2923	1.5097	-0.1610
z438	2.3141	6.4955	-1.5162
x439	0.9350	4.7251	4.2878
y439	-1.6040	2.3799	-1.8667
z439	3.0261	6.3257	-0.0864
x440	1.9312	4.0002	3.8082
y440	-2.3923	2.4384	-3.7213
z440	2.3582	2.0432	-0.3418
x441	2.1937	2.0676	3.7105
y441	-2.8867	3.9807	-5.5183
z441	2.6861	-4.2632	0.4429
x442	2.3171	4.1752	3.8815
y442	-1.1081	3.3179	-4.6526
z442	3.0497	-5.1514	2.9765
x443	3.5709	3.3180	3.4331
y443	-0.7555	4.2775	-2.4898
z443	3.7517	-2.1230	2.7080
x444	2.5252	2.7630	5.0218
y444	-1.0870	5.7291	-3.6616
z444	2.9447	-1.1898	5.3195
x445	1.3121	2.5078	4.1943
y445	-2.2180	4.9819	-5.3825
z445	2.2905	-0.0393	5.5527
x446	2.0914	0.7597	3.0151
y446	-1.8689	3.0469	-6.4527
z446	3.3307	0.7029	3.8517

x447	1.4335	-1.3595	1.1584
y447	-0.6114	2.5961	-5.1909
z447	3.9697	0.1729	2.4227
x448	2.5477	-1.8980	0.9805
y448	-0.0082	2.9002	-4.7103
z448	3.0645	-1.0217	0.6974
x449	4.0175	-0.4529	2.5540
y449	0.0737	1.9018	-5.2955
z449	2.4064	1.1346	-0.2455
x450	5.2890	0.5245	3.8925
y450	0.8496	2.6590	-4.8886
z450	1.1067	2.8931	-1.7089
x451	5.4845	1.9389	2.1939
y451	2.0778	2.5426	-1.3407
z451	-0.4654	5.3374	-4.3696
x452	5.0247	3.7982	0.6635
y452	3.7939	-2.8853	2.7052
z452	-1.2049	8.4701	-7.0752
x453	5.2516	5.2957	-0.5973
y453	-2.1832	-2.2485	-0.2989
z453	5.6810	2.8355	-3.9284
x454	4.9775	4.2703	-0.2440
y454	-1.8959	-2.3330	0.6550
z454	3.7587	2.5271	-5.8499
x455	4.8951	3.6170	1.0146
y455	-0.8588	-1.7130	2.1738
z455	2.8069	3.0873	-6.2640
x456	3.4949	2.5897	0.5147

y456	-1.4026	-1.0584	1.0596
z456	1.4967	1.3558	-7.4134
x457	2.7047	2.2401	0.7516
y457	-1.0579	0.7884	0.2055
z457	1.8135	1.0622	-5.3943
x458	1.3048	1.3432	0.8424
y458	-0.7161	2.4844	-0.0549
z458	1.0948	-1.0798	-3.9043
x459	0.3353	2.2498	0.8524
y459	-0.5354	3.6871	0.2116
z459	0.5022	0.6763	-2.4110
x460	-0.0384	2.3743	0.3678
y460	0.5900	5.0452	1.4621
z460	0.4558	1.4278	-1.6400
x461	-0.7357	2.9230	-0.0708
y461	1.8551	6.4303	2.6316
z461	0.2814	2.2878	-0.3597
x462	-1.5078	2.1590	-1.6000
y462	2.7103	6.7205	2.4498
z462	-0.2128	1.3986	-1.3169
x463	-2.0342	1.4001	-2.1641
y463	2.6970	4.6052	3.5149
z463	-0.7238	-2.7199	-3.3294
x464	-1.7474	1.9964	-1.8095
y464	3.0572	3.0127	3.8631
z464	0.1872	-3.8358	-3.6940
x465	-2.0633	1.7724	-2.0662
y465	3.1489	1.5922	3.6226

z465	0.4243	-5.6497	-4.9496
x466	-2.8392	1.8713	-2.3590
y466	2.7270	0.6354	3.3399
z466	1.5412	-6.3396	-3.3419
x467	-3.5534	2.7355	-2.0907
y467	2.2864	0.0921	2.9840
z467	2.0576	-5.6439	-2.2596
x468	-3.9154	2.5994	-3.2528
y468	1.8883	-0.7714	2.2855
z468	2.3354	-6.3097	-2.9981
x469	-4.0858	2.8341	-3.1530
y469	1.6369	-1.5070	2.1112
z469	2.5008	-5.9659	-1.9705
x470	-2.4861	2.5132	-2.4504
y470	1.6051	-2.3468	2.1505
z470	3.7957	-6.2937	-0.8209
x471	-1.7792	1.7420	-1.7157
y471	1.0209	-3.8758	2.1124
z471	2.9261	-6.2185	-1.0792
x472	-0.9614	3.6066	0.0080
y472	2.1958	-4.1691	2.5400
z472	3.2879	-3.4801	2.1584
x473	-1.4388	3.3608	-0.5258
y473	3.2779	-4.3624	3.2015
z473	2.2912	-3.2137	1.4037
x474	-1.4243	2.6402	0.6279
y474	3.5761	-4.7405	2.9214
z474	2.1823	-4.0020	2.7237

x475	-1.5813	1.4736	0.4571
y475	3.7161	-4.3230	2.6096
z475	1.4816	-5.4021	2.2100
x476	-1.2639	1.0011	0.2903
y476	3.6284	-3.6862	1.8753
z476	1.7491	-5.8311	2.2022
x477	-1.2821	1.1774	0.8320
y477	3.3549	-3.2876	1.0685
z477	1.3043	-5.5658	3.4490
x478	-1.0250	1.2628	0.3989
y478	2.9764	-2.4159	0.6846
z478	1.0495	-5.8801	3.6164
x479	-0.7212	1.6740	-0.8233
y479	2.4443	-1.1615	1.4777
z479	0.8597	-6.2399	2.9088
x480	-0.6444	2.5843	-1.4638
y480	1.3739	-0.6905	1.9553
z480	0.7705	-6.2849	4.6999
x481	-1.4061	0.2671	-0.7505
y481	1.0673	-0.6508	2.1070
z481	0.5451	-6.4288	3.7105
x482	-1.8138	-0.6324	-0.0158
y482	0.6063	-1.2984	1.3296
z482	0.9247	-5.1589	3.9274
x483	-2.4387	-1.5807	-0.2648
y483	0.6693	-0.9900	1.6997
z483	0.4923	-5.4779	2.3815
x484	-2.8050	-2.6275	-0.5101

y484	0.6633	-0.6877	2.0264
z484	-0.0006	-6.6171	1.3548
x485	-2.6699	-3.1995	-0.9909
y485	0.5203	-0.5183	2.1139
z485	0.2918	-7.3266	0.8340
x486	-1.7760	-2.5017	-0.9988
y486	0.0764	-0.8398	2.0066
z486	1.3309	-6.4218	0.9350
x487	-1.5213	-2.2865	-0.6390
y487	0.0593	-1.0747	1.8190
z487	1.4742	-6.3636	2.2665
x488	-1.5775	-2.2127	-1.1138
y488	0.1135	-1.2209	2.0991
z488	1.3627	-6.5127	2.4250
x489	-1.1987	-2.1997	-1.1846
y489	0.0123	-1.2412	2.4090
z489	1.8025	-6.6052	1.8955
x490	-0.8538	-2.7153	-0.8434
y490	0.2116	-0.4858	2.6576
z490	1.1002	-7.3970	1.0409
x491	-0.4509	-2.6082	-0.1855
y491	0.1816	0.0429	2.5030
z491	0.6202	-6.6949	1.2906
x492	-0.0994	-2.2154	0.1215
y492	0.0632	0.6966	2.3393
z492	0.3246	-6.0513	1.4762
x493	0.3861	-1.6198	0.1593
y493	-0.4346	1.4623	2.0510

z493	0.6797	-5.4332	1.3325
x494	0.6441	-0.5132	0.2688
y494	-0.9640	2.0381	1.6258
z494	0.7179	-4.0577	1.3991
x495	0.5107	0.8309	0.0191
y495	-1.4498	2.3119	1.3597
z495	0.8492	-3.0352	1.1933
x496	0.0814	2.2825	-0.2611
y496	-1.7450	2.0563	1.0086
z496	1.0701	-1.2375	1.4249
x497	-0.4389	3.2253	-0.9757
y497	-1.5312	1.9140	1.4237
z497	0.9083	-0.4317	0.3044
x498	-0.6587	3.8259	-1.4513
y498	-1.3332	1.5888	1.6868
z498	1.9854	0.1494	1.1669
x499	-0.1780	3.6217	0.3038
y499	-0.9798	2.3508	2.1294
z499	2.3246	2.4644	0.3631
x500	0.2176	3.6599	1.4568
y500	-0.7031	2.9926	2.2633
z500	2.1019	2.3906	0.1503
x501	0.6183	4.2247	2.5156
y501	-0.6474	3.2497	2.3585
z501	2.5778	2.4320	1.3926
x502	0.9868	4.6130	3.0883
y502	-0.6132	2.9686	2.3760
z502	2.1958	1.9460	0.8565

x503	1.0930	4.4011	3.2281
y503	-0.6936	2.2949	2.0217
z503	1.6971	1.1905	0.4476
x504	0.9157	3.7555	3.0487
y504	-0.7438	1.8434	1.6129
z504	1.3211	1.5650	0.2878
x505	0.3409	2.5385	2.4364
y505	-0.7611	1.1689	0.9031
z505	1.5533	0.7490	-0.1842
x506	-0.2597	0.9550	1.7646
y506	-0.5163	1.2957	0.5381
z506	1.4549	1.4253	-0.9538
x507	-0.8265	-0.5238	1.0583
y507	0.1579	1.0332	1.1034
z507	1.4597	1.0030	-0.8087
x508	-0.6785	-0.6100	0.1492
y508	0.1357	1.7918	0.3597
z508	0.7006	-0.4369	-1.9575
x509	-0.4790	-0.8462	-0.4212
y509	0.5576	2.9091	0.5247
z509	0.5212	-1.0211	-2.4364
x510	-0.0794	-1.0285	-0.5333
y510	0.8499	3.8682	0.6718
z510	0.5128	-0.9798	-2.7847
x511	0.2637	-1.3589	-0.3785
y511	0.5804	4.3508	0.4999
z511	-0.1056	-1.2945	-3.3647
x512	0.6382	-1.6599	0.1098

y512	0.3461	4.6127	0.2040
z512	-0.2535	-1.4763	-3.4770
x513	1.0059	-1.9491	0.6299
y513	0.0015	4.7674	-0.2100
z513	-0.0393	-1.3995	-3.1207
x514	1.1027	-2.0943	1.1472
y514	-0.1957	4.5137	-0.4974
z514	0.2537	-1.4339	-2.7445
x515	0.9262	-2.4930	1.2495
y515	-0.6673	3.9395	-1.4203
z515	0.5565	-1.4535	-2.5562
x516	0.1796	-2.4906	0.5101
y516	-1.0307	3.4212	-2.3655
z516	1.0764	-0.6867	-1.8842
x517	0.6533	-1.8061	0.6155
y517	-0.5258	3.3573	-2.5826
z517	1.4983	-0.8149	-0.4719
x518	1.0019	-1.3210	0.8783
y518	0.0581	3.3217	-2.7435
z518	1.7073	-0.7310	0.1583
x519	0.5492	-0.0408	0.5787
y519	0.8228	3.4546	-2.3502
z519	1.4156	-0.3127	0.3814
x520	0.7979	-0.4330	0.9251
y520	1.9535	3.4183	-1.5087
z520	1.4749	-0.6511	0.6870
x521	0.8230	1.0531	0.6496
y521	3.1600	3.2887	-0.6174

z521	0.7847	0.5359	-0.0638
x522	1.0063	2.1530	-0.1435
y522	4.3413	2.0019	0.4823
z522	-0.4482	1.8421	-1.7501
x523	2.8881	2.7768	0.3373
y523	5.2126	0.7426	1.8991
z523	-1.4956	4.2323	-4.1011
x524	5.1663	3.1251	1.3861
y524	4.4160	0.1755	1.9571
z524	-1.5600	7.2520	-6.0207
x525	5.0247	3.7982	0.6635
y525	3.7939	-2.8853	2.7052
z525	-1.2049	8.4701	-7.0752
x526	3.2386	5.8050	2.1760
y526	-0.0222	-2.4888	5.1464
z526	2.0601	-0.0549	6.8065
x527	2.8551	4.2963	1.9419
y527	-0.1415	-3.1744	4.2589
z527	1.1852	-1.5342	5.7928
x528	2.3724	3.5763	1.2592
y528	-0.4775	-3.2884	2.9160
z528	0.3748	-2.1351	4.7401
x529	1.3415	1.8044	0.7532
y529	-0.5649	-1.9736	1.2838
z529	-0.1952	-1.9411	3.7001
x530	1.2447	1.9286	1.1444
y530	-0.9537	-1.3339	-0.3644
z530	-1.1406	-2.5854	2.3235

x531	0.5048	1.3457	0.4053
y531	-1.0470	-0.3513	-1.2398
z531	-1.5884	-2.5476	1.7807
x532	-0.1053	1.0997	-0.1183
y532	-1.0526	0.4377	-1.9292
z532	-2.0001	-2.7601	1.2036
x533	-0.6090	0.6828	-0.5212
y533	-0.9297	1.0934	-2.4654
z533	-2.2768	-2.7455	0.7767
x534	-1.2648	0.3154	-1.0236
y534	-0.7457	1.3367	-2.6728
z534	-2.2041	-2.5028	0.5916
x535	-1.7293	-0.3732	-1.4596
y535	-1.4702	0.1069	-2.7403
z535	-1.9688	-2.1440	0.4894
x536	-1.8845	-0.3205	-1.9560
y536	-1.5499	-0.1761	-1.7677
z536	-2.3719	-2.6937	-0.0627
x537	-1.8346	-0.0287	-2.0111
y537	-1.2589	-0.1850	-1.0961
z537	-2.9278	-3.3708	-0.7634
x538	-1.9659	-0.2153	-2.1940
y538	-1.1498	-0.5750	-0.7345
z538	-2.6875	-2.4427	-0.7851
x539	-2.0541	-0.1169	-2.2515
y539	-1.1069	-1.2279	-0.5784
z539	-2.3327	-1.6496	-0.9312
x540	-1.9452	0.1356	-2.4284

y540	-1.1653	-1.9736	-0.5198
z540	-2.3139	-1.0396	-0.9410
x541	-1.6259	0.3006	-2.8311
y541	-1.3981	-2.6680	-0.3896
z541	-2.2855	0.0595	-0.6553
x542	-0.9893	0.4419	-3.0022
y542	-1.7545	-3.2120	-0.5649
z542	-2.2136	0.7926	-0.9009
x543	-0.3490	0.4083	-2.9232
y543	-2.0406	-3.5160	-0.8864
z543	-1.8082	1.4147	-1.0786
x544	-0.2877	-0.5419	-2.8307
y544	-1.8589	-3.0856	-1.0787
z544	-1.5925	2.4604	-1.2703
x545	0.1126	-0.5573	-1.5312
y545	-2.2749	-3.9236	-2.4335
z545	-1.9563	1.9108	-2.2086
x546	0.6259	-1.1262	-0.9395
y546	-2.3187	-3.7409	-2.3648
z546	-1.8276	2.3562	-1.5441
x547	0.5128	-1.4358	-0.4889
y547	-2.2318	-4.2646	-2.8184
z547	-1.6836	1.8415	-1.6006
x548	0.6382	-1.3563	0.1588
y548	-2.1390	-4.7871	-3.4483
z548	-1.5301	1.3820	-1.7646
x549	0.7453	-1.7604	0.1791
y549	-1.6176	-4.4135	-3.2700

z549	-1.1820	1.2156	-1.5575
x550	0.6584	-2.2017	0.0345
y550	-0.9014	-3.7494	-2.8742
z550	-0.9278	1.0297	-1.2895
x551	0.9387	-1.9778	0.3292
y551	-0.9498	-4.0962	-3.1178
z551	-0.9593	0.5586	-1.1448
x552	1.1465	-2.1223	0.3467
y552	-1.3518	-3.4225	-3.0160
z552	-1.4208	0.2221	-1.0866
x553	1.4785	-2.4109	1.1725
y553	-1.2628	-3.0735	-3.6115
z553	-1.4343	-0.2504	-0.7828
x554	1.8095	-2.5780	1.9201
y554	-0.9506	-2.9671	-3.5912
z554	-1.4095	-0.9986	-0.0659
x555	1.5755	-2.2982	2.0699
y555	-0.8426	-2.7605	-3.0925
z555	-1.7619	-1.3427	0.5098
x556	1.2802	-1.9261	2.1730
y556	-0.9777	-3.2170	-3.5487
z556	-2.0886	-1.5347	1.1145
x557	1.2298	-1.4206	2.1296
y557	-0.1737	-2.5486	-3.0051
z557	-2.2404	-1.5508	1.7252
x558	1.1972	-0.8197	2.0912
y558	0.2286	-2.4959	-2.4128
z558	-2.3027	-1.4804	2.2698

x559	1.0269	-0.3802	1.9038
y559	0.3181	-2.7297	-2.0664
z559	-2.4017	-1.4852	2.6824
x560	1.0374	0.3343	1.5483
y560	0.4608	-2.0164	-1.5714
z560	-2.5725	-1.8092	2.8485
x561	1.0763	1.0697	1.4173
y561	0.1981	-1.9219	-1.6060
z561	-2.6667	-2.1107	2.9016
x562	1.3146	1.8293	1.6467
y562	-0.1518	-2.3891	-1.5731
z562	-2.8688	-2.2058	2.6283
x563	1.6538	1.8552	0.6891
y563	0.7871	-2.0396	0.3325
z563	-1.7792	-1.3806	2.7335
x564	2.0823	2.1425	0.4090
y564	1.3057	-2.1120	1.0649
z564	-0.9291	-0.7197	2.2168
x565	2.3680	2.1630	0.4189
y565	1.4684	-2.5127	1.2904
z565	-0.1816	-0.2392	1.7351
x566	2.4066	2.9166	0.7411
y566	1.2579	-2.2538	1.3535
z566	0.4459	-0.6277	1.0482
x567	2.7984	2.5562	1.1505
y567	1.0198	-2.4063	1.0934
z567	0.8277	-0.6765	0.5643
x568	2.7252	1.3511	1.2003

y568	0.4705	-2.7007	0.4263
z568	1.3182	-0.5345	0.3414
x569	2.9851	1.3679	1.7727
y569	-0.1551	-2.8295	-0.3900
z569	1.6802	-1.3337	0.0815
x570	2.9179	-0.2592	1.9463
y570	-0.8987	-2.8573	-1.1745
z570	2.2227	-1.7798	0.1115
x571	2.2901	-1.4227	1.9672
y571	-1.7318	-2.6801	-1.5545
z571	2.8179	-2.3156	0.0008
x572	1.9986	-1.1072	1.9389
y572	-0.9117	-1.8184	-2.1740
z572	2.0249	-0.5642	-0.9585
x573	2.0443	-1.5328	1.6775
y573	-0.6194	-0.3374	-2.3713
z573	1.1236	1.0491	-1.8389
x574	1.7486	-1.7338	1.4464
y574	-0.4750	1.0238	-2.4902
z574	0.4284	2.2197	-2.3819
x575	1.6502	-0.9989	1.4920
y575	-0.8313	1.2577	-2.8270
z575	-0.1006	3.0041	-2.5262
x576	1.0972	-0.4051	1.0079
y576	-0.6954	1.8216	-2.4650
z576	-0.4883	3.6741	-2.4571
x577	0.6577	0.1002	0.7839
y577	-0.9459	2.6446	-2.6040

z577	-0.6694	4.1372	-1.9673
x578	0.0690	0.5064	0.5112
y578	-0.6082	4.0025	-2.3617
z578	-0.5280	4.3899	-1.0129
x579	-0.6562	0.6731	0.2220
y579	-0.2061	4.8877	-0.5983
z579	-0.2489	4.0529	0.1016
x580	-1.0996	0.9269	0.5342
y580	0.0328	4.8051	-0.1451
z580	0.4846	4.1356	2.5070
x581	-0.2313	0.2552	0.8011
y581	0.6900	5.1916	1.5792
z581	1.6488	2.1704	2.7154
x582	0.2776	-0.4666	0.8649
y582	0.6127	4.5756	2.0252
z582	2.6135	0.7999	2.9191
x583	0.5093	-1.7714	0.9999
y583	0.3471	3.1548	2.0421
z583	3.3324	0.1195	3.1239
x584	0.5743	-2.3965	0.5764
y584	0.0670	2.4911	1.6937
z584	3.6771	-0.7465	3.2121
x585	0.8542	-3.0825	0.5251
y585	0.1306	1.8161	1.9585
z585	3.4180	-1.6007	2.2305
x586	0.7587	-2.3309	0.0571
y586	0.1610	1.5752	2.0698
z586	3.1281	-2.9620	1.7176

x587	0.7263	-2.4017	-1.0122
y587	0.1002	0.8583	1.8653
z587	3.1150	-2.9382	2.3941
x588	0.6601	-2.5618	-1.8794
y588	-0.0335	0.3966	1.6754
z588	2.5913	-2.3565	2.8133
x589	0.4248	-1.9630	-2.4465
y589	0.0412	0.1217	1.8568
z589	0.6746	-2.2498	1.6389
x590	-0.0691	-2.3511	-2.8671
y590	0.3223	0.6641	2.4036
z590	-0.0513	-2.5659	2.1465
x591	-0.4864	-2.6387	-3.3958
y591	0.5578	1.1728	3.1327
z591	-0.3282	-3.0542	2.4026
x592	-0.4253	-3.1011	-3.4495
y592	0.2553	2.2103	3.2561
z592	-0.6845	-2.9190	2.0639
x593	-0.1414	-2.8495	-3.0248
y593	-0.2540	2.5502	2.9450
z593	-0.7731	-2.8823	1.6622
x594	0.0056	-2.2485	-2.9010
y594	-0.4447	2.1589	3.3110
z594	-0.6502	-2.9247	1.2111
x595	0.1384	-1.6186	-2.7227
y595	-0.7639	1.8346	3.5721
z595	-0.2183	-2.4360	0.8654
x596	0.1526	-0.7587	-2.3383

y596	-1.1359	0.9787	2.8475
z596	0.5152	-1.3930	0.2450
x597	-0.0080	-0.1037	-1.6809
y597	-1.3354	1.0383	2.4235
z597	1.7079	0.1925	-0.2889
x598	-0.2002	0.3004	-0.4938
y598	-1.1239	1.5439	1.4510
z598	3.1819	1.8730	-0.2991
x599	-0.1188	1.3637	-0.0454
y599	-1.0611	1.7817	1.7656
z599	2.6892	1.1380	-0.8312
x600	-0.1364	1.4979	0.4312
y600	-1.1624	1.0250	1.5779
z600	2.2270	0.8868	-1.0471
x601	-0.2554	1.3212	0.7918
y601	-1.1909	0.5138	1.0799
z601	1.6693	0.6624	-1.2382
x602	-0.2965	1.1153	1.4974
y602	-1.0649	0.4007	0.8937
z602	1.1826	0.7517	-1.4405
x603	-0.4834	0.7545	1.9550
y603	-0.9367	0.3716	0.5055
z603	0.8314	1.2002	-1.6837
x604	-0.4064	0.6241	2.2406
y604	-0.6235	0.5992	0.0512
z604	0.3292	1.7864	-1.9210
x605	-0.4746	-0.7212	2.0618
y605	-0.2150	0.9015	-0.3779

z605	0.0672	2.8007	-1.8767
x606	0.0233	-1.1035	2.7532
y606	0.1664	1.3818	-0.6689
z606	-0.4529	3.1885	-1.9436
x607	0.5605	-0.9351	3.0919
y607	0.4647	1.6442	-0.6087
z607	-1.0406	3.0262	-2.1351
x608	0.9775	-0.9716	3.3592
y608	0.5315	2.0829	-0.6700
z608	-0.7868	3.7983	-1.0333
x609	1.3600	-0.9036	3.4715
y609	0.4509	2.1486	-0.8743
z609	-0.7475	4.1585	-0.5748
x610	1.5742	-0.8748	3.1920
y610	0.4473	2.0540	-0.7950
z610	-0.8752	4.3223	-0.3633
x611	1.7816	-1.3108	2.7636
y611	0.4213	2.7884	-0.7103
z611	-1.0339	4.6635	-0.3380
x612	1.9676	-1.5997	2.2453
y612	0.2614	3.6411	-0.6150
z612	-1.3154	4.8632	-0.6326
x613	2.1577	-1.5922	1.8174
y613	-0.0718	4.5341	-1.1652
z613	-1.6412	4.8936	-1.0724
x614	2.3440	-1.2566	1.4023
y614	-0.6307	4.6832	-1.4108
z614	-1.9387	4.8291	-1.6073

x615	2.4419	-0.6961	0.9661
y615	-1.3060	5.2343	-1.5090
z615	-2.2059	4.5589	-2.3449
x616	2.0716	0.2639	0.4538
y616	-1.9675	6.0193	-0.9651
z616	-2.4126	4.0129	-3.4344
x617	1.2724	1.1104	-0.4170
y617	-2.1277	5.6513	-1.5133
z617	-0.2149	2.9621	-2.2174
x618	0.8692	1.6684	-0.5649
y618	-1.1867	4.9697	-0.8401
z618	1.9718	2.0830	-1.1843
x619	0.7417	2.2069	-0.5113
y619	0.0540	4.5063	0.2098
z619	2.2444	0.2812	-1.3934
x620	0.3583	2.3458	-1.1545
y620	1.6789	4.0575	0.9740
z620	1.5279	-1.0680	-1.9298
x621	0.4084	2.7439	-2.0090
y621	2.6222	2.8605	1.4038
z621	3.2009	0.1164	-1.4684
x622	1.1713	3.6580	-2.4137
y622	3.1895	1.2103	1.6331
z622	3.4213	0.8867	-1.6195
x623	2.7053	4.0087	-1.2691
y623	3.7876	-0.0635	1.6773
z623	3.0563	2.6829	-2.4429
x624	4.5319	3.8610	0.5254

y624	4.4862	-2.1254	2.5552
z624	0.9489	4.4913	-4.1563
x625	5.0414	3.8781	0.6521
y625	3.6835	-3.4122	2.7809
z625	-1.6305	6.4389	-6.7836
x626	-6.5256	-3.0436	-8.4923
y626	0.7156	-0.3023	-0.2683
z626	-2.9998	-1.1886	3.2551
x627	-5.1640	-3.8299	-6.5889
y627	0.1073	0.3749	0.6284
z627	-2.3068	-2.2116	2.6708
x628	-4.0503	-3.7864	-4.3871
y628	-0.4869	0.5355	0.5011
z628	-1.8048	-2.3413	1.4383
x629	-3.0872	-2.7316	-2.6819
y629	-1.0341	0.6816	0.1447
z629	-1.5196	-2.4736	0.2131
x630	-2.1785	-1.8998	-1.6635
y630	-1.3950	0.0846	-0.5506
z630	-1.5792	-2.1752	-0.4736
x631	-1.3548	-1.1806	-1.1501
y631	-1.9149	-0.5256	-1.1119
z631	-1.3790	-2.2645	-0.6594
x632	-0.7281	-0.4977	-1.0323
y632	-2.2964	-1.8024	-1.6647
z632	-1.1902	-1.6075	-0.4024
x633	-0.3499	-0.2835	-1.2825
y633	-2.3543	-2.7012	-1.7634

z633	-1.6419	-2.2322	-1.0473
x634	0.0653	-0.0500	-1.1507
y634	-2.5742	-4.0676	-2.2639
z634	-1.5186	-2.2410	-0.6494
x635	-0.0353	-1.1904	-1.5635
y635	-2.5234	-3.8303	-2.0377
z635	-1.7237	-0.6809	0.0504
x636	0.1071	-2.3408	-1.5374
y636	-2.8390	-3.4154	-2.0152
z636	-2.0430	0.1432	0.8402
x637	0.0473	-2.5163	-1.4516
y637	-3.2005	-4.5756	-2.6960
z637	-2.8920	-1.0461	-0.4707
x638	0.2856	-1.5097	-0.1858
y638	-3.6217	-5.6625	-3.7534
z638	-3.1900	-0.4607	-0.2239
x639	0.2215	-0.8304	0.6573
y639	-4.1823	-6.4650	-5.0891
z639	-3.6348	-0.1805	-0.2462
x640	0.3055	-1.0002	0.9987
y640	-4.7458	-6.9738	-6.5454
z640	-3.8139	-0.6147	-0.5506
x641	-0.3740	-1.6714	0.3171
y641	-5.0661	-7.2452	-7.6998
z641	-4.7355	-1.4331	-1.6028
x642	0.2820	-0.5957	1.1689
y642	-4.9634	-6.9229	-8.1452
z642	-4.3339	-0.3753	-0.7363

x643	0.3593	-0.8946	0.2621
y643	-4.4541	-6.3448	-8.1430
z643	-4.2926	-0.5097	-1.0806
x644	0.8923	-0.7727	0.0558
y644	-1.5211	-3.4640	-5.1199
z644	-3.3372	0.1870	0.0585
x645	1.0273	-0.7066	-0.9969
y645	0.0108	-2.7303	-4.6769
z645	-3.0940	0.4817	0.4397
x646	0.7298	-1.1542	-2.2913
y646	0.0163	-3.4668	-5.7780
z646	-3.0877	0.3080	0.8880
x647	0.4940	-1.2284	-3.3832
y647	-0.1097	-4.3075	-6.2329
z647	-3.2020	0.7820	1.2054
x648	0.7386	-1.3507	-3.6929
y648	-0.2988	-4.7936	-5.8358
z648	-2.8640	1.5269	1.7239
x649	0.9323	-1.6612	-3.7901
y649	-0.2334	-4.8856	-5.0188
z649	-2.0908	1.7086	2.2973
x650	0.9079	-2.0432	-4.1334
y650	0.1163	-4.6567	-3.3111
z650	-1.6272	1.1533	1.9226
x651	1.2933	-1.7296	-3.6982
y651	0.4746	-4.0290	-1.8444
z651	-1.3033	0.4633	1.5311
x652	1.7778	-0.8679	-3.1001

y652	0.6189	-3.2228	-0.6677
z652	-1.3502	-1.0965	0.2103
x653	2.4403	1.1659	-1.9396
y653	0.3602	-2.2824	0.0943
z653	-1.3314	-3.2209	-1.2635
x654	3.2623	1.1585	-2.0446
y654	0.0331	-2.2948	-0.0989
z654	-1.4719	-3.5173	-2.5411
x655	3.6747	0.6523	-2.0650
y655	-0.3933	-3.0151	-0.7023
z655	-1.5433	-4.1303	-3.7027
x656	3.5878	0.5863	-1.4885
y656	-0.7290	-4.0070	-1.1872
z656	-1.8827	-3.9241	-3.2370
x657	3.2032	0.0471	-1.1192
y657	-0.7479	-5.4307	-1.7127
z657	-1.9991	-3.2162	-2.7352
x658	2.8473	-0.7773	-0.8704
y658	-0.6997	-5.0962	-1.7677
z658	-1.6818	-2.1447	-2.6417
x659	2.5574	-1.2169	-0.0732
y659	-0.6333	-3.2364	-1.2733
z659	-1.1985	-0.9741	-2.0320
x660	1.8668	-1.9364	0.1179
y660	-0.2712	-1.5567	-0.8809
z660	-1.5706	-0.4086	-2.5157
x661	1.3730	-2.6044	0.2781
y661	-0.0030	-0.0815	-0.5718

z661	-1.8501	0.1861	-2.6306
x662	1.4095	-2.7821	0.6335
y662	-0.1914	1.0113	-0.4041
z662	-1.8304	1.0761	-2.0004
x663	0.7871	-2.9481	0.2173
y663	0.3746	1.2905	0.8574
z663	-2.3386	1.2684	-1.5983
x664	0.4846	-2.6523	0.0987
y664	0.9421	2.0202	1.6172
z664	-2.2136	2.2185	-0.8334
x665	0.3576	-2.3780	0.1800
y665	1.2413	2.9565	1.6332
z665	-1.6755	2.8246	0.2197
x666	-0.2349	-2.4616	-0.6286
y666	1.4992	3.8943	1.4864
z666	-1.6295	2.8688	0.3951
x667	-0.2878	-2.3314	-1.1617
y667	1.2890	4.5466	0.7614
z667	-0.8681	2.1806	0.9809
x668	-0.5790	-1.8620	-2.0777
y668	0.8407	4.6829	-0.1733
z668	-0.3761	0.8027	0.6689
x669	-0.9813	-1.3047	-3.2552
y669	0.4850	4.4496	-0.8046
z669	0.8017	-0.2357	0.9302
x670	-1.6354	-0.3824	-4.2336
y670	0.5393	3.8105	-0.6474
z670	1.9448	-0.5430	1.4580

x671	-1.4022	-0.8797	-4.3260
y671	1.4920	2.3407	0.9678
z671	1.9382	-1.1594	0.3950
x672	-0.5338	0.5421	-4.0017
y672	2.3589	0.7934	2.1758
z672	1.9135	-0.7782	0.5789
x673	-0.6092	1.5696	-4.8623
y673	2.5974	-0.5459	3.0083
z673	1.2174	-1.4646	0.1737
x674	0.0312	1.9627	-3.9880
y674	2.2167	-1.5302	3.0394
z674	0.4005	-1.7538	1.2923
x675	0.5486	1.4656	-3.5819
y675	1.4626	-2.0151	2.9992
z675	-0.8364	-2.5050	0.3314
x676	1.1210	1.1124	-2.6425
y676	0.4703	-2.4694	2.4244
z676	-1.4281	-2.1807	0.7359
x677	1.3916	0.5028	-1.9664
y677	-0.3912	-2.8365	1.9592
z677	-1.7553	-2.3739	0.8666
x678	1.2905	0.4168	-1.2730
y678	-0.9850	-3.2869	1.6447
z678	-1.7011	-1.7483	1.8141
x679	1.0247	0.4273	-1.1051
y679	-1.0155	-3.9737	1.7784
z679	-0.5954	-1.6349	2.3839
x680	0.2682	0.9511	-1.5301

y680	-0.2234	-5.0292	2.7529
z680	0.3186	-1.6465	3.1296
x681	0.4820	-0.6595	-0.1715
y681	-0.2100	-4.5427	2.6772
z681	0.6556	-0.7892	2.9114
x682	0.4828	-1.6613	0.5366
y682	-0.1875	-3.9267	2.4559
z682	0.5620	-0.2129	2.3596
x683	0.5197	-2.2976	0.9613
y683	-0.1430	-3.2030	2.0627
z683	0.4241	-0.0807	2.1488
x684	0.5081	-2.4035	0.9691
y684	-0.1164	-2.2868	1.5357
z684	0.5747	0.4878	1.9066
x685	0.4987	-2.3335	0.7658
y685	-0.0316	-1.3176	0.9917
z685	0.6120	0.8394	1.7299
x686	0.3157	-2.2503	0.3728
y686	0.0437	-0.2809	0.4656
z686	0.5686	1.1822	1.4462
x687	0.1800	-2.0443	0.2436
y687	0.1862	0.7992	0.1025
z687	0.4248	1.5474	1.4186
x688	0.4583	-1.9866	0.5997
y688	0.4749	1.9539	-0.1256
z688	0.9865	1.9375	1.4495
x689	0.4453	-2.7901	1.2350
y689	0.7171	3.1892	-0.3308

z689	0.7086	1.5720	1.0826
x690	0.9817	-3.1496	1.3023
y690	0.4415	3.3771	-0.4367
z690	0.6344	2.3293	0.9974
x691	1.1553	-3.6925	1.0626
y691	0.1381	3.3337	-0.4864
z691	0.2404	2.3480	0.7781
x692	1.2332	-3.7425	0.6401
y692	0.0311	3.0976	-0.4161
z692	0.0367	2.5585	0.3781
x693	1.2440	-3.8498	0.3061
y693	-0.0252	2.7257	-0.3114
z693	-0.1218	2.4678	0.2694
x694	1.3269	-3.6560	0.0805
y694	-0.1233	2.3313	-0.3652
z694	-0.1101	2.6837	0.2006
x695	1.5134	-3.7101	-0.0436
y695	-0.4883	2.0603	-0.7079
z695	-0.0367	2.4064	0.1709
x696	1.5122	-3.5726	-0.1727
y696	-1.0101	2.2132	-1.2281
z696	0.0612	2.3894	0.4124
x697	1.2047	-3.2886	-0.7556
y697	-1.6904	2.7377	-2.0661
z697	0.1055	2.0198	0.2314
x698	0.3130	-2.6091	-2.1126
y698	-2.5956	3.4682	-3.2599
z698	0.2845	1.3507	-0.2228

x699	-1.6263	-2.2901	-3.9094
y699	-3.7213	2.1362	-3.3083
z699	1.9130	1.5592	1.1361
x700	-3.1891	-1.3380	-5.8573
y700	-3.5444	1.1214	-2.9620
z700	2.4070	0.7011	1.7818
x701	-3.4406	0.4992	-6.9075
y701	-2.4991	-0.0795	-2.0325
z701	2.4672	0.0067	1.9633
x702	-2.4135	2.0558	-6.8098
y702	-1.2897	-1.6132	-0.8362
z702	2.5048	0.2075	1.9329
x703	-1.0558	2.5799	-5.9926
y703	-0.2567	-2.6365	0.0564
z703	2.1885	0.6664	1.3123
x704	0.1375	2.7721	-4.9903
y704	0.5799	-3.2965	0.7032
z704	1.5410	1.2274	0.1523
x705	1.6644	2.9808	-3.5591
y705	1.7204	-3.7473	1.5743
z705	0.7791	2.0991	-1.2583
x706	3.7534	3.5042	-1.2367
y706	3.2347	-3.5739	2.5207
z706	0.2692	4.2156	-3.1353
x707	5.0414	3.8781	0.6521
y707	3.6835	-3.4122	2.7809
z707	-1.6305	6.4389	-6.7836
x708	-3.5702	-3.4866	0.3897

y708	-0.0332	0.9365	-2.0138
z708	-3.3662	-0.5015	-0.0216
x709	-2.4696	-2.3494	2.9899
y709	0.9349	0.6036	0.7712
z709	-3.6444	-0.9185	-1.3118
x710	-2.3059	-1.3296	3.7417
y710	0.9964	-0.0726	1.8319
z710	-3.3112	-1.6454	-0.4908
x711	-3.0064	-1.5041	3.7865
y711	0.8284	-0.1822	1.8706
z711	-2.4472	-1.8108	0.8659
x712	-3.4886	-1.7245	3.6733
y712	0.2478	-0.1698	1.4827
z712	-2.0210	-2.5671	2.3516
x713	-3.8841	-3.0713	5.1885
y713	0.0237	1.7523	1.7032
z713	-2.0208	-1.9220	2.4889
x714	-4.4934	-4.6523	6.7104
y714	-0.3079	3.8156	2.0925
z714	-1.8751	-0.4621	2.5659
x715	-6.5348	-0.8776	7.2507
y715	0.0347	4.8498	2.7329
z715	-1.6373	-3.2660	3.6107
x716	-6.0708	-1.2391	9.1243
y716	1.3557	7.4496	3.1342
z716	-2.1871	-3.7696	5.3147
x717	-5.7337	-2.3200	10.1674
y717	1.1075	8.2700	2.1742

z717	-1.0233	-3.0666	7.5868
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New Procrustes fit:

Dataset 'BE_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.04141995	0.02935969	0.00749175
2	0.04263838	0.05411971	-0.00301215
3	0.04174563	0.05473665	-0.00035387
4	0.03980603	0.05547906	0.00236344
5	0.03718705	0.05620669	0.00465257
6	0.03419929	0.05677374	0.00674637
7	0.03089988	0.05718168	0.00870453
8	0.02725099	0.05729037	0.01053089
9	0.02331524	0.05726811	0.01210709
10	0.01921243	0.05708083	0.01363220
11	0.01481087	0.05682857	0.01506394
12	0.01027788	0.05635569	0.01607772
13	0.00588568	0.05564811	0.01677962
14	0.00146915	0.05478802	0.01711935
15	-0.00283056	0.05367537	0.01708481
16	-0.00711146	0.05242784	0.01656877
17	-0.01127782	0.05093795	0.01580340
18	-0.01517331	0.04932435	0.01452689
19	-0.01871124	0.04755739	0.01275216
20	-0.02229628	0.04563512	0.01071807
21	-0.02662878	0.04305404	0.00723379

22	-0.03003878	0.04037557	0.00352860
23	-0.03271640	0.03763834	-0.00064113
24	-0.03409231	0.03506855	-0.00569782
25	-0.03396297	0.03297598	-0.01110329
26	-0.03302098	0.03076462	-0.01726775
27	-0.03104222	0.02831511	-0.02414112
28	-0.02777722	0.02620050	-0.03155475
29	-0.02322985	0.02480699	-0.03903098
30	-0.01841769	0.02396839	-0.04343437
31	-0.01235468	0.02452350	-0.04619867
32	-0.00652648	0.02600868	-0.04684400
33	-0.00039998	0.02790652	-0.04656777
34	0.00611680	0.03008515	-0.04547111
35	0.01302220	0.03245916	-0.04356053
36	0.02012250	0.03489250	-0.04097670
37	0.02726003	0.03722580	-0.03759602
38	0.03248973	0.04030713	-0.03286818
39	0.03353623	0.04211001	-0.03006134
40	0.03427540	0.04399113	-0.02664891
41	0.03504705	0.04591501	-0.02302587
42	0.03606300	0.04774068	-0.01958165
43	0.03742973	0.04933233	-0.01626169
44	0.03923010	0.05056043	-0.01294660
45	0.04111709	0.05154230	-0.00964424
46	0.04243682	0.05266090	-0.00611404
47	0.06219070	0.05896799	0.00028097
48	0.06073710	0.05921882	0.00191550
49	0.05899481	0.05948287	0.00359692

50	0.05675810	0.05982849	0.00549356
51	0.05417012	0.06016242	0.00740483
52	0.05116089	0.06038283	0.00934500
53	0.04789119	0.06063020	0.01135801
54	0.04440868	0.06086716	0.01329498
55	0.04077485	0.06096902	0.01524031
56	0.03666842	0.06132823	0.01736874
57	0.03259543	0.06144913	0.01913898
58	0.02855463	0.06142749	0.02078117
59	0.02464428	0.06124747	0.02220724
60	0.02070302	0.06097765	0.02347843
61	0.01679002	0.06046373	0.02429342
62	0.01294095	0.06017878	0.02536622
63	0.00921906	0.05963516	0.02602802
64	0.00540200	0.05892663	0.02648693
65	0.00162103	0.05832040	0.02675589
66	-0.00192145	0.05762950	0.02670003
67	-0.00543484	0.05689367	0.02647047
68	-0.00885962	0.05602967	0.02599774
69	-0.01220296	0.05511595	0.02529541
70	-0.01541971	0.05414327	0.02435090
71	-0.01843032	0.05291685	0.02314905
72	-0.02149032	0.05147967	0.02164975
73	-0.02452244	0.05015891	0.02029506
74	-0.02717483	0.04866344	0.01844178
75	-0.02938572	0.04726557	0.01671187
76	-0.03173670	0.04590149	0.01501244
77	-0.03397371	0.04432921	0.01299760

78	-0.03607791	0.04259073	0.01063406
79	-0.03822764	0.04072211	0.00798021
80	-0.04042997	0.03886523	0.00514962
81	-0.04287176	0.03712860	0.00213291
82	-0.04550669	0.03540696	-0.00114185
83	-0.04795965	0.03356039	-0.00473204
84	-0.04465184	-0.03316798	-0.01390263
85	-0.04429866	-0.03409316	-0.01170400
86	-0.04415302	-0.03461194	-0.00894954
87	-0.04432117	-0.03449488	-0.00623640
88	-0.04464684	-0.03400414	-0.00352368
89	-0.04505660	-0.03317170	-0.00110964
90	-0.04558605	-0.03210176	0.00126006
91	-0.04621195	-0.03080464	0.00339530
92	-0.04683791	-0.02939435	0.00555162
93	-0.04748008	-0.02765229	0.00762184
94	-0.04796475	-0.02565539	0.00967304
95	-0.04850300	-0.02344599	0.01141944
96	-0.04908280	-0.02096578	0.01289290
97	-0.04954086	-0.01834074	0.01417511
98	-0.04994605	-0.01551603	0.01522256
99	-0.05033822	-0.01251259	0.01602543
100	-0.05061099	-0.00928531	0.01646293
101	-0.05080568	-0.00597082	0.01647199
102	-0.05111353	-0.00269187	0.01603443
103	-0.05101302	0.00109964	0.01496078
104	-0.05067126	0.00464523	0.01318066
105	-0.05024427	0.00781754	0.01116630

106	-0.04982913	0.01060805	0.00882345
107	-0.04918682	0.01318829	0.00615765
108	-0.04847038	0.01513199	0.00349254
109	-0.04760015	0.01705868	0.00029368
110	-0.04683251	0.01827800	-0.00325955
111	-0.04608691	0.01886940	-0.00706846
112	-0.04357131	0.01816739	-0.01539512
113	-0.04186544	0.01603132	-0.02268167
114	-0.04032061	0.01367715	-0.02861545
115	-0.03949728	0.01030387	-0.03325136
116	-0.03899987	0.00714856	-0.03625343
117	-0.03832724	0.00360684	-0.03864428
118	-0.03830087	-0.00069653	-0.03981432
119	-0.03931824	-0.00599553	-0.03924776
120	-0.04121863	-0.01078293	-0.03693943
121	-0.04334156	-0.01321702	-0.03503727
122	-0.04536857	-0.01550923	-0.03244715
123	-0.04697523	-0.01776204	-0.02962731
124	-0.04796169	-0.02025596	-0.02685709
125	-0.04826189	-0.02297413	-0.02415997
126	-0.04781179	-0.02592044	-0.02169801
127	-0.04691355	-0.02880146	-0.01919779
128	-0.04591099	-0.03101338	-0.01697088
129	-0.04650941	-0.05072280	-0.01801442
130	-0.04597095	-0.05062362	-0.01552130
131	-0.04554710	-0.05040437	-0.01314335
132	-0.04509578	-0.04982539	-0.01023914
133	-0.04484715	-0.04925445	-0.00731912

134	-0.04485058	-0.04876331	-0.00458298
135	-0.04484760	-0.04806500	-0.00200382
136	-0.04493916	-0.04706657	0.00052912
137	-0.04518442	-0.04598884	0.00300851
138	-0.04568263	-0.04465803	0.00533570
139	-0.04663593	-0.04281305	0.00827796
140	-0.04740078	-0.04080127	0.01113918
141	-0.04806092	-0.03857832	0.01365858
142	-0.04871322	-0.03649461	0.01593642
143	-0.04925982	-0.03408514	0.01783141
144	-0.04981617	-0.03144501	0.01965235
145	-0.05041730	-0.02891573	0.02158394
146	-0.05098142	-0.02643322	0.02314952
147	-0.05149496	-0.02356574	0.02449155
148	-0.05194269	-0.02053281	0.02538550
149	-0.05249890	-0.01742140	0.02623767
150	-0.05286831	-0.01425125	0.02664764
151	-0.05317580	-0.01084149	0.02692065
152	-0.05348134	-0.00749730	0.02692366
153	-0.05372683	-0.00415490	0.02656524
154	-0.05390877	-0.00085218	0.02596911
155	-0.05398993	0.00249039	0.02496143
156	-0.05394814	0.00562961	0.02405383
157	-0.05382760	0.00942568	0.02204858
158	-0.05363764	0.01310951	0.01938789
159	-0.05334229	0.01652624	0.01656810
160	-0.05265093	0.01971405	0.01335286
161	-0.05170712	0.02268356	0.01008197

162	-0.05082148	0.02544972	0.00683779
163	-0.04987199	0.02814909	0.00323233
164	-0.04894866	0.03092117	-0.00067780
165	-0.04795965	0.03356039	-0.00473204
166	0.07056616	-0.01068682	-0.00892163
167	0.07175760	-0.01321056	-0.00724446
168	0.07214541	-0.01605492	-0.00528434
169	0.07200054	-0.01885704	-0.00341407
170	0.07121121	-0.02165384	-0.00146916
171	0.07002864	-0.02455456	0.00041394
172	0.06842070	-0.02749732	0.00220899
173	0.06622290	-0.03051919	0.00399487
174	0.06365187	-0.03361853	0.00576386
175	0.06062475	-0.03667317	0.00740956
176	0.05810666	-0.03888812	0.00864993
177	0.05539227	-0.04102518	0.00972933
178	0.05251385	-0.04293453	0.01062575
179	0.04947033	-0.04447234	0.01132218
180	0.04642511	-0.04589815	0.01184298
181	0.04320319	-0.04726567	0.01220685
182	0.03983977	-0.04836468	0.01239410
183	0.03637054	-0.04916877	0.01236580
184	0.03235232	-0.04979441	0.01213765
185	0.02863375	-0.04997766	0.01174764
186	0.02493824	-0.04999175	0.01110022
187	0.02125453	-0.04978633	0.01015159
188	0.01735602	-0.04949413	0.00890364
189	0.01385677	-0.04875699	0.00765412

190	0.01043524	-0.04790143	0.00619627
191	0.00706795	-0.04680922	0.00456216
192	0.00351097	-0.04561828	0.00249403
193	0.00033874	-0.04461140	0.00024054
194	-0.00449681	-0.04303065	-0.00337946
195	-0.00845861	-0.04072390	-0.00721210
196	-0.01160677	-0.03805440	-0.01134756
197	-0.01395775	-0.03518073	-0.01565911
198	-0.01535183	-0.03186341	-0.02027666
199	-0.01577705	-0.02802772	-0.02503512
200	-0.01564063	-0.02404369	-0.02992133
201	-0.01477189	-0.01960726	-0.03471592
202	-0.01291118	-0.01444753	-0.03978204
203	-0.00894108	-0.00823206	-0.04355956
204	-0.00344960	-0.00269439	-0.04530121
205	0.00212031	0.00183929	-0.04561739
206	0.00823427	0.00553474	-0.04528930
207	0.01477786	0.00833916	-0.04455672
208	0.02187281	0.01030498	-0.04264590
209	0.02929199	0.01122686	-0.03923269
210	0.03659574	0.01098425	-0.03439908
211	0.04329808	0.00953429	-0.02815946
212	0.04660998	0.00773075	-0.02465190
213	0.04966285	0.00543132	-0.02139387
214	0.05275201	0.00300575	-0.01845855
215	0.05610996	0.00065121	-0.01602961
216	0.05949316	-0.00146475	-0.01420430
217	0.06287148	-0.00367320	-0.01264192

218	0.06607082	-0.00574278	-0.01151598
219	0.06852679	-0.00805867	-0.01032698
220	0.09154619	-0.00256635	-0.00731781
221	0.09106538	-0.00656481	-0.00538836
222	0.09019448	-0.01044118	-0.00359890
223	0.08911599	-0.01413545	-0.00188788
224	0.08778662	-0.01761937	-0.00034000
225	0.08633178	-0.02100194	0.00116468
226	0.08474899	-0.02418458	0.00248270
227	0.08304786	-0.02712416	0.00377989
228	0.08126539	-0.02993694	0.00513549
229	0.07954950	-0.03233102	0.00646558
230	0.07747552	-0.03498296	0.00806846
231	0.07522930	-0.03746770	0.00962097
232	0.07284833	-0.03992759	0.01118821
233	0.07027600	-0.04240745	0.01248552
234	0.06759303	-0.04471699	0.01375292
235	0.06475657	-0.04697978	0.01495018
236	0.06182680	-0.04909507	0.01608286
237	0.05871545	-0.05111639	0.01702674
238	0.05565401	-0.05307950	0.01793772
239	0.05156252	-0.05495752	0.01851156
240	0.04744259	-0.05669657	0.01915729
241	0.04336201	-0.05795303	0.01937187
242	0.03884108	-0.05889288	0.01931769
243	0.03440076	-0.05963730	0.01918322
244	0.02984034	-0.06013742	0.01878179
245	0.02511095	-0.06023239	0.01808324

246	0.02021849	-0.05989344	0.01710913
247	0.01544639	-0.05921503	0.01579203
248	0.01047831	-0.05829041	0.01404729
249	0.00579382	-0.05694782	0.01182498
250	0.00132668	-0.05559396	0.00950192
251	-0.00322095	-0.05404962	0.00702342
252	-0.00736431	-0.05217016	0.00419274
253	-0.01161348	-0.05007272	0.00095462
254	-0.01578702	-0.04769761	-0.00254514
255	-0.02007519	-0.04537773	-0.00604999
256	-0.02421384	-0.04295314	-0.00937086

Procrustes sums of squares: 0.32630358941122606

Tangent sums of squares: 0.3223423480086

Data matrices in this dataset:

- BE_Canals, raw data
- BE_Canals, centroid size
- BE_Canals, Procrustes coordinates

New Procrustes fit:

Dataset 'BE_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.04141995	0.02935969	0.00749175
2	0.04263838	0.05411971	-0.00301215
3	0.04174563	0.05473665	-0.00035387
4	0.03980603	0.05547906	0.00236344
5	0.03718705	0.05620669	0.00465257
6	0.03419929	0.05677374	0.00674637
7	0.03089988	0.05718168	0.00870453
8	0.02725099	0.05729037	0.01053089
9	0.02331524	0.05726811	0.01210709
10	0.01921243	0.05708083	0.01363220
11	0.01481087	0.05682857	0.01506394
12	0.01027788	0.05635569	0.01607772
13	0.00588568	0.05564811	0.01677962
14	0.00146915	0.05478802	0.01711935
15	-0.00283056	0.05367537	0.01708481
16	-0.00711146	0.05242784	0.01656877
17	-0.01127782	0.05093795	0.01580340
18	-0.01517331	0.04932435	0.01452689
19	-0.01871124	0.04755739	0.01275216
20	-0.02229628	0.04563512	0.01071807
21	-0.02662878	0.04305404	0.00723379
22	-0.03003878	0.04037557	0.00352860
23	-0.03271640	0.03763834	-0.00064113
24	-0.03409231	0.03506855	-0.00569782
25	-0.03396297	0.03297598	-0.01110329

26	-0.03302098	0.03076462	-0.01726775
27	-0.03104222	0.02831511	-0.02414112
28	-0.02777722	0.02620050	-0.03155475
29	-0.02322985	0.02480699	-0.03903098
30	-0.01841769	0.02396839	-0.04343437
31	-0.01235468	0.02452350	-0.04619867
32	-0.00652648	0.02600868	-0.04684400
33	-0.00039998	0.02790652	-0.04656777
34	0.00611680	0.03008515	-0.04547111
35	0.01302220	0.03245916	-0.04356053
36	0.02012250	0.03489250	-0.04097670
37	0.02726003	0.03722580	-0.03759602
38	0.03248973	0.04030713	-0.03286818
39	0.03353623	0.04211001	-0.03006134
40	0.03427540	0.04399113	-0.02664891
41	0.03504705	0.04591501	-0.02302587
42	0.03606300	0.04774068	-0.01958165
43	0.03742973	0.04933233	-0.01626169
44	0.03923010	0.05056043	-0.01294660
45	0.04111709	0.05154230	-0.00964424
46	0.04243682	0.05266090	-0.00611404
47	0.06219070	0.05896799	0.00028097
48	0.06073710	0.05921882	0.00191550
49	0.05899481	0.05948287	0.00359692
50	0.05675810	0.05982849	0.00549356
51	0.05417012	0.06016242	0.00740483
52	0.05116089	0.06038283	0.00934500
53	0.04789119	0.06063020	0.01135801

54	0.04440868	0.06086716	0.01329498
55	0.04077485	0.06096902	0.01524031
56	0.03666842	0.06132823	0.01736874
57	0.03259543	0.06144913	0.01913898
58	0.02855463	0.06142749	0.02078117
59	0.02464428	0.06124747	0.02220724
60	0.02070302	0.06097765	0.02347843
61	0.01679002	0.06046373	0.02429342
62	0.01294095	0.06017878	0.02536622
63	0.00921906	0.05963516	0.02602802
64	0.00540200	0.05892663	0.02648693
65	0.00162103	0.05832040	0.02675589
66	-0.00192145	0.05762950	0.02670003
67	-0.00543484	0.05689367	0.02647047
68	-0.00885962	0.05602967	0.02599774
69	-0.01220296	0.05511595	0.02529541
70	-0.01541971	0.05414327	0.02435090
71	-0.01843032	0.05291685	0.02314905
72	-0.02149032	0.05147967	0.02164975
73	-0.02452244	0.05015891	0.02029506
74	-0.02717483	0.04866344	0.01844178
75	-0.02938572	0.04726557	0.01671187
76	-0.03173670	0.04590149	0.01501244
77	-0.03397371	0.04432921	0.01299760
78	-0.03607791	0.04259073	0.01063406
79	-0.03822764	0.04072211	0.00798021
80	-0.04042997	0.03886523	0.00514962
81	-0.04287176	0.03712860	0.00213291

82	-0.04550669	0.03540696	-0.00114185
83	-0.04795965	0.03356039	-0.00473204
84	-0.04465184	-0.03316798	-0.01390263
85	-0.04429866	-0.03409316	-0.01170400
86	-0.04415302	-0.03461194	-0.00894954
87	-0.04432117	-0.03449488	-0.00623640
88	-0.04464684	-0.03400414	-0.00352368
89	-0.04505660	-0.03317170	-0.00110964
90	-0.04558605	-0.03210176	0.00126006
91	-0.04621195	-0.03080464	0.00339530
92	-0.04683791	-0.02939435	0.00555162
93	-0.04748008	-0.02765229	0.00762184
94	-0.04796475	-0.02565539	0.00967304
95	-0.04850300	-0.02344599	0.01141944
96	-0.04908280	-0.02096578	0.01289290
97	-0.04954086	-0.01834074	0.01417511
98	-0.04994605	-0.01551603	0.01522256
99	-0.05033822	-0.01251259	0.01602543
100	-0.05061099	-0.00928531	0.01646293
101	-0.05080568	-0.00597082	0.01647199
102	-0.05111353	-0.00269187	0.01603443
103	-0.05101302	0.00109964	0.01496078
104	-0.05067126	0.00464523	0.01318066
105	-0.05024427	0.00781754	0.01116630
106	-0.04982913	0.01060805	0.00882345
107	-0.04918682	0.01318829	0.00615765
108	-0.04847038	0.01513199	0.00349254
109	-0.04760015	0.01705868	0.00029368

110	-0.04683251	0.01827800	-0.00325955
111	-0.04608691	0.01886940	-0.00706846
112	-0.04357131	0.01816739	-0.01539512
113	-0.04186544	0.01603132	-0.02268167
114	-0.04032061	0.01367715	-0.02861545
115	-0.03949728	0.01030387	-0.03325136
116	-0.03899987	0.00714856	-0.03625343
117	-0.03832724	0.00360684	-0.03864428
118	-0.03830087	-0.00069653	-0.03981432
119	-0.03931824	-0.00599553	-0.03924776
120	-0.04121863	-0.01078293	-0.03693943
121	-0.04334156	-0.01321702	-0.03503727
122	-0.04536857	-0.01550923	-0.03244715
123	-0.04697523	-0.01776204	-0.02962731
124	-0.04796169	-0.02025596	-0.02685709
125	-0.04826189	-0.02297413	-0.02415997
126	-0.04781179	-0.02592044	-0.02169801
127	-0.04691355	-0.02880146	-0.01919779
128	-0.04591099	-0.03101338	-0.01697088
129	-0.04650941	-0.05072280	-0.01801442
130	-0.04597095	-0.05062362	-0.01552130
131	-0.04554710	-0.05040437	-0.01314335
132	-0.04509578	-0.04982539	-0.01023914
133	-0.04484715	-0.04925445	-0.00731912
134	-0.04485058	-0.04876331	-0.00458298
135	-0.04484760	-0.04806500	-0.00200382
136	-0.04493916	-0.04706657	0.00052912
137	-0.04518442	-0.04598884	0.00300851

138	-0.04568263	-0.04465803	0.00533570
139	-0.04663593	-0.04281305	0.00827796
140	-0.04740078	-0.04080127	0.01113918
141	-0.04806092	-0.03857832	0.01365858
142	-0.04871322	-0.03649461	0.01593642
143	-0.04925982	-0.03408514	0.01783141
144	-0.04981617	-0.03144501	0.01965235
145	-0.05041730	-0.02891573	0.02158394
146	-0.05098142	-0.02643322	0.02314952
147	-0.05149496	-0.02356574	0.02449155
148	-0.05194269	-0.02053281	0.02538550
149	-0.05249890	-0.01742140	0.02623767
150	-0.05286831	-0.01425125	0.02664764
151	-0.05317580	-0.01084149	0.02692065
152	-0.05348134	-0.00749730	0.02692366
153	-0.05372683	-0.00415490	0.02656524
154	-0.05390877	-0.00085218	0.02596911
155	-0.05398993	0.00249039	0.02496143
156	-0.05394814	0.00562961	0.02405383
157	-0.05382760	0.00942568	0.02204858
158	-0.05363764	0.01310951	0.01938789
159	-0.05334229	0.01652624	0.01656810
160	-0.05265093	0.01971405	0.01335286
161	-0.05170712	0.02268356	0.01008197
162	-0.05082148	0.02544972	0.00683779
163	-0.04987199	0.02814909	0.00323233
164	-0.04894866	0.03092117	-0.00067780
165	-0.04795965	0.03356039	-0.00473204

166	0.07056616	-0.01068682	-0.00892163
167	0.07175760	-0.01321056	-0.00724446
168	0.07214541	-0.01605492	-0.00528434
169	0.07200054	-0.01885704	-0.00341407
170	0.07121121	-0.02165384	-0.00146916
171	0.07002864	-0.02455456	0.00041394
172	0.06842070	-0.02749732	0.00220899
173	0.06622290	-0.03051919	0.00399487
174	0.06365187	-0.03361853	0.00576386
175	0.06062475	-0.03667317	0.00740956
176	0.05810666	-0.03888812	0.00864993
177	0.05539227	-0.04102518	0.00972933
178	0.05251385	-0.04293453	0.01062575
179	0.04947033	-0.04447234	0.01132218
180	0.04642511	-0.04589815	0.01184298
181	0.04320319	-0.04726567	0.01220685
182	0.03983977	-0.04836468	0.01239410
183	0.03637054	-0.04916877	0.01236580
184	0.03235232	-0.04979441	0.01213765
185	0.02863375	-0.04997766	0.01174764
186	0.02493824	-0.04999175	0.01110022
187	0.02125453	-0.04978633	0.01015159
188	0.01735602	-0.04949413	0.00890364
189	0.01385677	-0.04875699	0.00765412
190	0.01043524	-0.04790143	0.00619627
191	0.00706795	-0.04680922	0.00456216
192	0.00351097	-0.04561828	0.00249403
193	0.00033874	-0.04461140	0.00024054

194	-0.00449681	-0.04303065	-0.00337946
195	-0.00845861	-0.04072390	-0.00721210
196	-0.01160677	-0.03805440	-0.01134756
197	-0.01395775	-0.03518073	-0.01565911
198	-0.01535183	-0.03186341	-0.02027666
199	-0.01577705	-0.02802772	-0.02503512
200	-0.01564063	-0.02404369	-0.02992133
201	-0.01477189	-0.01960726	-0.03471592
202	-0.01291118	-0.01444753	-0.03978204
203	-0.00894108	-0.00823206	-0.04355956
204	-0.00344960	-0.00269439	-0.04530121
205	0.00212031	0.00183929	-0.04561739
206	0.00823427	0.00553474	-0.04528930
207	0.01477786	0.00833916	-0.04455672
208	0.02187281	0.01030498	-0.04264590
209	0.02929199	0.01122686	-0.03923269
210	0.03659574	0.01098425	-0.03439908
211	0.04329808	0.00953429	-0.02815946
212	0.04660998	0.00773075	-0.02465190
213	0.04966285	0.00543132	-0.02139387
214	0.05275201	0.00300575	-0.01845855
215	0.05610996	0.00065121	-0.01602961
216	0.05949316	-0.00146475	-0.01420430
217	0.06287148	-0.00367320	-0.01264192
218	0.06607082	-0.00574278	-0.01151598
219	0.06852679	-0.00805867	-0.01032698
220	0.09154619	-0.00256635	-0.00731781
221	0.09106538	-0.00656481	-0.00538836

222	0.09019448	-0.01044118	-0.00359890
223	0.08911599	-0.01413545	-0.00188788
224	0.08778662	-0.01761937	-0.00034000
225	0.08633178	-0.02100194	0.00116468
226	0.08474899	-0.02418458	0.00248270
227	0.08304786	-0.02712416	0.00377989
228	0.08126539	-0.02993694	0.00513549
229	0.07954950	-0.03233102	0.00646558
230	0.07747552	-0.03498296	0.00806846
231	0.07522930	-0.03746770	0.00962097
232	0.07284833	-0.03992759	0.01118821
233	0.07027600	-0.04240745	0.01248552
234	0.06759303	-0.04471699	0.01375292
235	0.06475657	-0.04697978	0.01495018
236	0.06182680	-0.04909507	0.01608286
237	0.05871545	-0.05111639	0.01702674
238	0.05565401	-0.05307950	0.01793772
239	0.05156252	-0.05495752	0.01851156
240	0.04744259	-0.05669657	0.01915729
241	0.04336201	-0.05795303	0.01937187
242	0.03884108	-0.05889288	0.01931769
243	0.03440076	-0.05963730	0.01918322
244	0.02984034	-0.06013742	0.01878179
245	0.02511095	-0.06023239	0.01808324
246	0.02021849	-0.05989344	0.01710913
247	0.01544639	-0.05921503	0.01579203
248	0.01047831	-0.05829041	0.01404729
249	0.00579382	-0.05694782	0.01182498

250	0.00132668	-0.05559396	0.00950192
251	-0.00322095	-0.05404962	0.00702342
252	-0.00736431	-0.05217016	0.00419274
253	-0.01161348	-0.05007272	0.00095462
254	-0.01578702	-0.04769761	-0.00254514
255	-0.02007519	-0.04537773	-0.00604999
256	-0.02421384	-0.04295314	-0.00937086

Procrustes sums of squares: 0.32630358941122606

Tangent sums of squares: 0.3223423480086

Data matrices in this dataset:

- BE_Canals, raw data
- BE_Canals, centroid size
- BE_Canals, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, BE_Canals, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00225468	21.684	21.684
2.	0.00119446	11.487	33.171
3.	0.00098577	9.480	42.651
4.	0.00088305	8.492	51.143
5.	0.00084313	8.108	59.252
6.	0.00071581	6.884	66.136

7.	0.00057872	5.566	71.701
8.	0.00039165	3.767	75.468
9.	0.00034167	3.286	78.754
10.	0.00030818	2.964	81.718
11.	0.00026469	2.546	84.263
12.	0.00023382	2.249	86.512
13.	0.00018752	1.803	88.315
14.	0.00017362	1.670	89.985
15.	0.00015452	1.486	91.471
16.	0.00012222	1.175	92.646
17.	0.00010993	1.057	93.704
18.	0.00010549	1.015	94.718
19.	0.00007525	0.724	95.442
20.	0.00007101	0.683	96.125
21.	0.00006229	0.599	96.724
22.	0.00005770	0.555	97.279
23.	0.00005034	0.484	97.763
24.	0.00004825	0.464	98.227
25.	0.00003853	0.371	98.597
26.	0.00003361	0.323	98.921
27.	0.00003005	0.289	99.210
28.	0.00002664	0.256	99.466
29.	0.00002236	0.215	99.681
30.	0.00001769	0.170	99.851
31.	0.00001550	0.149	100.000

Total variance: 0.01039814

Variance of the eigenvalues: 0.0000000135653

Eigenvalue variance scaled by total variance: 0.00013

Eigenvalue variance scaled by total variance and number of variables: 0.09560

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 761.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

- the degrees of freedom are less than the shape dimensionality (sample size, etc.).
- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.026403		-0.019002		-0.034580		0.007072		-0.012084		-0.025777	
	-0.041616		-0.056501		-0.029101		0.005229		-0.020307		-0.020569	
	0.101467		0.054151		0.019755		0.037411		0.057597		-0.032692	
	-0.004219		-0.049813		-0.055779		0.012544		-0.002786		0.017641	
	0.067604		0.020143		-0.033551		-0.053433		-0.053287		0.024824	
	-0.048231											
y1	0.003595		0.037485		0.004710		0.001248		-0.046245		-0.011507	
	0.026654		-0.012835		-0.008278		-0.012496		-0.018361		0.002008	
	0.036340		-0.002667		-0.049800		-0.036287		0.045968		0.013530	
	0.010137		0.070384		-0.010519		-0.080986		-0.027379		-0.003123	
	0.025835		0.031435		-0.058756		0.121000		0.031156		-0.021472	
	-0.068502											
z1	0.001032		-0.051179		0.089875		-0.043940		0.028798		0.009900	
	-0.004347		0.057697		-0.051193		-0.068659		0.004789		-0.055980	
	0.002401		-0.015728		0.045940		-0.018699		-0.018194		0.113924	
	-0.002685		0.014769		-0.024052		0.059698		-0.015036		0.009528	
	-0.030852		-0.039994		-0.077589		-0.018017		0.074114		-0.005366	
	-0.013976											
x2	-0.035790		-0.011621		-0.065957		-0.024634		0.036469		0.028233	
	0.046887		-0.009648		0.039684		-0.010929		0.017092		0.047037	

	-0.055508	-0.055753	0.052038	-0.035105	-0.058393	0.013948
	-0.014741	0.009123	0.032743	0.005727	-0.001958	0.042324
	0.005142	0.012010	0.042338	-0.079139	-0.022449	-0.022650
	-0.056866					
y2	-0.053831	-0.001939	-0.010159	0.013016	0.041883	-0.017814
	-0.071316	-0.029305	0.016543	-0.014017	-0.014124	-0.017118
	-0.018080	0.016296	0.033667	0.021585	-0.029118	0.008418
	0.053174	-0.022912	0.044662	-0.015766	0.010917	-0.012721
	0.063670	0.020187	0.064919	0.075831	-0.055612	-0.055755
	-0.045748					
z2	0.019937	0.046467	-0.042921	-0.016346	0.013774	-0.029000
	0.017621	-0.048115	-0.005824	0.058693	-0.040330	-0.006607
	0.038026	-0.002916	0.036254	-0.022883	-0.067312	0.076297
	0.021876	0.003204	-0.043336	0.102250	0.048136	-0.047582
	0.047348	-0.070837	0.032751	-0.048108	-0.000373	-0.014159
	-0.062944					
x3	-0.039808	-0.020032	-0.061959	-0.015976	0.038310	0.034413
	0.045151	-0.007425	0.047332	-0.014236	0.026244	0.046431
	-0.052915	-0.046094	0.041673	-0.037008	-0.046862	0.017526
	-0.014291	0.026413	0.040295	-0.007203	-0.007267	0.031804
	-0.010802	-0.005536	0.033372	-0.048873	-0.009924	-0.032433
	-0.039443					
y3	-0.063296	-0.001521	-0.009865	0.014079	0.046431	-0.014864
	-0.074481	-0.026871	0.025080	-0.008197	-0.008265	-0.036423
	-0.020258	0.001744	0.030768	0.014720	-0.022700	0.015935
	0.039688	-0.006464	0.045071	0.000906	0.035299	-0.029890
	0.023908	0.014974	0.056966	0.063851	-0.039717	-0.051337
	-0.017084					
z3	0.015810	0.039387	-0.042255	-0.016382	0.016075	-0.025956
	0.020244	-0.046881	0.005204	0.054258	-0.031325	0.006861
	0.025265	0.001880	0.024124	-0.022148	-0.052828	0.065425
	0.017281	0.009819	-0.037336	0.067937	0.026833	-0.033705
	0.033985	-0.074763	0.008807	-0.036734	-0.010351	-0.007391
	-0.042016					
x4	-0.040223	-0.026623	-0.058839	-0.011895	0.037666	0.038593
	0.043098	-0.001486	0.048623	-0.014354	0.034490	0.045994
	-0.050727	-0.043964	0.028601	-0.036703	-0.034051	0.014581
	-0.013557	0.029153	0.047277	-0.001240	-0.001379	0.020636
	-0.019144	-0.010536	0.013778	-0.013495	-0.009976	-0.032858
	-0.010618					

y4	-0.071046	0.000093	-0.011119	0.014521	0.047254	-0.014846
	-0.073426	-0.027090	0.037107	-0.002946	-0.005898	-0.045862
	-0.021291	-0.006109	0.030972	0.008965	-0.013362	0.016725
	0.028078	0.004501	0.051462	0.011521	0.049113	-0.039673
	-0.011383	0.009787	0.038701	0.050936	-0.025037	-0.042451
	-0.002548					
z4	0.009887	0.030269	-0.040996	-0.015720	0.019735	-0.019806
	0.022133	-0.043450	0.014108	0.049459	-0.019731	0.015729
	0.012065	0.001884	0.010038	-0.020143	-0.040941	0.050489
	0.012928	0.018540	-0.025467	0.050391	0.016124	-0.025730
	0.034430	-0.083028	-0.016528	-0.009668	-0.009087	-0.003087
	-0.013875					
x5	-0.038502	-0.031038	-0.058157	-0.011632	0.032440	0.040635
	0.039618	0.001635	0.043478	-0.007402	0.043611	0.045385
	-0.048409	-0.043038	0.018957	-0.042531	-0.025795	0.010508
	-0.018413	0.028161	0.036496	-0.001577	0.005589	0.018759
	-0.023089	-0.014211	0.012557	-0.002825	-0.007097	-0.022626
	-0.008980					
y5	-0.074255	0.001115	-0.011753	0.013880	0.043434	-0.017223
	-0.070271	-0.030015	0.049978	0.002789	-0.006089	-0.047727
	-0.018472	0.001802	0.041041	0.015958	0.001636	0.007385
	0.015023	-0.001045	0.059649	0.014654	0.057732	-0.043054
	-0.034305	0.008038	0.015000	0.056979	-0.017265	-0.041675
	0.009824					
z5	0.002457	0.021577	-0.041190	-0.017510	0.020516	-0.011132
	0.023617	-0.040143	0.015098	0.051127	-0.009175	0.026527
	0.000562	-0.000292	-0.009682	-0.027920	-0.031592	0.041498
	0.008076	0.036833	-0.036526	0.040026	0.018001	-0.012400
	0.037390	-0.084800	-0.017728	-0.014996	-0.006422	0.012862
	-0.005718					
x6	-0.036638	-0.034667	-0.056328	-0.010820	0.029919	0.042229
	0.032966	0.003288	0.035989	-0.004335	0.047163	0.039758
	-0.046210	-0.041169	0.007104	-0.042165	-0.016189	0.011336
	-0.022969	0.033261	0.028276	-0.001625	0.011223	0.022573
	-0.016867	-0.013629	0.011545	0.008112	-0.002161	-0.015799
	0.002274					
y6	-0.075940	0.002089	-0.011751	0.012515	0.038050	-0.017788
	-0.066612	-0.034362	0.057084	0.009256	-0.006223	-0.045327
	-0.017158	0.006167	0.043711	0.017239	0.012527	0.000104
	0.002657	-0.000545	0.063161	0.019450	0.065412	-0.044022
	-0.040239	0.001108	0.000697	0.057406	-0.003946	-0.048031
	0.016300					

z6	-0.004552	0.012585	-0.039237	-0.017785	0.024584	-0.003594
	0.022525	-0.038406	0.016576	0.049677	-0.002354	0.026852
	-0.008104	0.006141	-0.017489	-0.021628	-0.023819	0.033882
	-0.002276	0.051491	-0.037818	0.026525	0.021098	0.009896
	0.049333	-0.077076	-0.018979	-0.004831	0.001457	0.023173
	0.005337					
x7	-0.033470	-0.036579	-0.055016	-0.009169	0.028134	0.042098
	0.028185	0.003101	0.025790	-0.001649	0.049053	0.033369
	-0.037854	-0.036113	-0.000672	-0.044448	-0.019198	0.016398
	-0.023607	0.028109	0.025515	0.002491	0.015462	0.020493
	-0.018155	-0.014141	0.010357	0.012834	0.002250	-0.001653
	-0.002448					
y7	-0.077725	0.002641	-0.011371	0.009089	0.034233	-0.019271
	-0.062263	-0.040018	0.061548	0.013077	-0.012268	-0.034645
	-0.016008	0.008971	0.035623	0.014041	0.023823	-0.005231
	-0.001386	0.010202	0.064944	0.025873	0.062335	-0.047283
	-0.034072	-0.014848	-0.009132	0.058770	0.006335	-0.055225
	0.022399					
z7	-0.010929	0.005501	-0.037905	-0.016803	0.031139	0.000309
	0.024844	-0.036488	0.017242	0.046528	0.004982	0.023293
	-0.007882	0.017731	-0.018154	-0.018029	-0.034124	0.032159
	-0.006962	0.044419	-0.027615	0.024099	0.022317	0.018786
	0.036696	-0.067657	-0.016164	-0.003505	0.011311	0.048275
	-0.007750					
x8	-0.029065	-0.036292	-0.052937	-0.007472	0.023649	0.041268
	0.020081	0.002466	0.017428	-0.001656	0.046640	0.032500
	-0.034398	-0.028627	-0.012249	-0.044285	-0.016653	0.017212
	-0.009446	0.022267	0.017082	0.004989	0.016224	0.008152
	-0.020898	0.000537	0.012687	0.014950	0.002215	0.001602
	-0.001019					
y8	-0.079170	0.001657	-0.011704	0.005916	0.029802	-0.022816
	-0.053838	-0.039884	0.063572	0.017334	-0.018303	-0.021256
	-0.010979	0.011961	0.029561	0.010929	0.024262	-0.013431
	-0.001335	0.007185	0.066264	0.038082	0.052918	-0.048214
	-0.031679	-0.034804	-0.009366	0.051278	0.010010	-0.057053
	0.004802					
z8	-0.014803	0.003118	-0.036326	-0.014759	0.029393	0.004882
	0.022819	-0.040044	0.024533	0.038830	0.001951	0.034474
	-0.015600	0.032445	-0.025460	-0.009722	-0.029003	0.019670
	0.011589	0.036000	-0.024051	0.023108	0.015818	0.008917
	0.030223	-0.039456	-0.014345	-0.007932	0.013164	0.041299
	-0.002269					

x9	-0.026251	-0.035916	-0.052308	-0.005478	0.019738	0.038738
	0.012219	0.004633	0.008345	-0.000304	0.045727	0.028439
	-0.029987	-0.024232	-0.021348	-0.045427	-0.017191	0.017273
	-0.003706	0.017319	0.014875	0.008375	0.015560	-0.000850
	-0.020128	0.007534	0.011848	0.013693	0.005607	-0.002498
	-0.000711					
y9	-0.080909	-0.000462	-0.011915	-0.000029	0.024868	-0.026142
	-0.044674	-0.038545	0.060515	0.022180	-0.021403	-0.002480
	-0.006268	0.015763	0.020954	0.009000	0.028150	-0.021926
	-0.000323	-0.002998	0.066531	0.042102	0.040084	-0.054098
	-0.025263	-0.054197	-0.006941	0.047400	0.015392	-0.062205
	-0.008459					
z9	-0.022860	0.001537	-0.036920	-0.013986	0.027855	0.006572
	0.023574	-0.036094	0.034385	0.030834	0.003717	0.046529
	-0.024452	0.038048	-0.026727	-0.004569	-0.024803	-0.010386
	0.009983	0.030273	-0.018655	0.025390	0.005695	0.001076
	0.026483	-0.025284	-0.009010	-0.009257	0.021948	0.015107
	0.023634					
x10	-0.022854	-0.035136	-0.050661	-0.004219	0.015838	0.038240
	0.005536	0.008122	-0.001427	0.001723	0.048950	0.022218
	-0.023738	-0.021859	-0.025903	-0.045229	-0.015376	0.020307
	-0.003426	0.017443	0.003058	0.011321	0.012445	-0.003239
	-0.016466	0.021713	0.008774	0.009167	0.006596	0.010373
	-0.000347					
y10	-0.084454	-0.003697	-0.010569	-0.005478	0.022287	-0.028850
	-0.036992	-0.034244	0.051370	0.026583	-0.020346	0.014477
	-0.002106	0.018130	0.011792	0.004652	0.036006	-0.030624
	0.002363	-0.007290	0.057470	0.042161	0.029109	-0.058872
	-0.020962	-0.064062	0.006848	0.050747	0.035480	-0.062690
	-0.023459					
z10	-0.030884	-0.002677	-0.033257	-0.015930	0.031318	0.011971
	0.023642	-0.016874	0.040171	0.023956	0.017083	0.041278
	-0.030990	0.034122	-0.025410	0.002523	-0.021329	-0.020880
	0.000579	0.031897	-0.033434	0.025325	0.000803	0.008360
	0.006634	0.021364	0.019760	-0.028243	0.023870	0.053970
	0.017414					
x11	-0.017554	-0.035135	-0.049806	-0.002494	0.011446	0.036226
	-0.002153	0.007389	-0.012890	0.005109	0.048218	0.013068
	-0.013162	-0.020355	-0.030214	-0.044196	-0.013272	0.028487
	-0.004902	0.018938	0.004370	0.013799	0.008623	-0.007053
	-0.012257	0.026825	0.002159	0.010006	0.011830	0.009338
	-0.002954					

y11	-0.090731	-0.006610	-0.011165	-0.007002	0.021013	-0.023020
	-0.032085	-0.032110	0.041195	0.016673	-0.016937	0.032558
	0.011882	0.016855	-0.002952	0.002093	0.039781	-0.042870
	0.011985	-0.006572	0.038353	0.050329	0.001855	-0.074978
	-0.023383	-0.065292	0.034579	0.044940	0.052976	-0.055511
	-0.006394					
z11	-0.035363	-0.007322	-0.030548	-0.016030	0.034214	0.021276
	0.021595	-0.018420	0.041647	0.018109	0.021595	0.037807
	-0.031295	0.025551	-0.024990	0.008590	-0.003265	-0.023105
	-0.006802	0.049247	-0.016697	0.018497	0.002390	0.013249
	0.008784	0.035539	0.015772	-0.035541	0.030693	0.032770
	0.012629					
x12	-0.013547	-0.034487	-0.048835	0.000384	0.008806	0.034557
	-0.014234	0.001812	-0.022701	0.006777	0.044217	0.001296
	-0.007733	-0.017903	-0.030379	-0.041365	-0.009692	0.031205
	-0.000649	0.018350	0.007824	0.018486	-0.000480	-0.014360
	0.006902	0.027989	-0.004557	0.016839	0.023826	-0.003044
	0.003615					
y12	-0.087233	-0.004411	-0.009513	-0.003205	0.011212	-0.022549
	-0.017340	-0.028595	0.038933	0.016323	-0.015749	0.056308
	0.020862	0.012031	-0.023555	0.009398	0.052039	-0.041971
	0.006973	0.000364	0.001386	0.046778	-0.006526	-0.055312
	-0.042533	-0.068480	0.022064	0.004987	0.032649	-0.033466
	0.015990					
z12	-0.040419	-0.012002	-0.030495	-0.013168	0.039456	0.027800
	0.017501	-0.035483	0.042402	0.017835	0.018081	0.037872
	-0.042666	0.032395	-0.016038	0.018503	0.017135	-0.032340
	-0.010505	0.050378	0.009434	0.015427	-0.006312	0.008578
	0.041058	0.045453	0.012070	-0.036939	0.031326	0.002649
	0.017158					
x13	-0.007897	-0.033587	-0.048117	0.003298	0.003982	0.028885
	-0.023773	-0.001362	-0.027582	0.007736	0.046967	-0.014405
	0.002071	-0.008901	-0.014638	-0.032457	-0.016362	0.028643
	0.002063	0.000433	0.011620	0.019543	-0.008569	-0.021666
	0.007262	0.033853	-0.009837	0.036122	0.035786	-0.001694
	-0.001413					
y13	-0.082431	-0.003535	-0.003566	-0.002985	0.006476	-0.027711
	-0.006317	-0.022645	0.035950	0.020152	-0.019455	0.068284
	0.018743	0.012724	-0.035703	0.010646	0.060965	-0.038513
	0.002305	0.005222	-0.020011	0.034533	-0.012689	-0.040374
	-0.035944	-0.077510	0.022301	-0.010505	0.026194	-0.029781
	0.005804					

z13	-0.043852	-0.014342	-0.032028	-0.011378	0.044204	0.035684
	0.014441	-0.036162	0.050325	0.013932	0.033406	0.020834
	-0.040116	0.045398	0.010267	0.040286	0.017728	-0.046529
	-0.004975	0.025507	0.018045	-0.000787	-0.003808	-0.007942
	0.030912	0.042737	0.007357	0.001380	0.043380	-0.008106
	-0.017728					
x14	-0.004599	-0.030978	-0.045246	0.005369	-0.000789	0.023783
	-0.030446	-0.003578	-0.038716	0.007473	0.044641	-0.021776
	0.012734	-0.003954	-0.012100	-0.032973	-0.019288	0.029250
	0.004747	-0.006050	0.009967	0.026160	-0.009735	-0.028097
	0.010561	0.039959	-0.008797	0.040140	0.039827	0.002481
	-0.002591					
y14	-0.076621	-0.003358	-0.002857	-0.001796	0.001177	-0.025723
	-0.000119	-0.014721	0.036352	0.021919	-0.019096	0.070677
	0.010840	0.010592	-0.052340	0.018640	0.069828	-0.031854
	0.003952	0.015356	-0.024798	0.024867	-0.028642	-0.029550
	-0.038676	-0.075140	0.011446	-0.026023	0.018780	-0.018416
	0.014670					
z14	-0.050140	-0.015236	-0.020431	-0.006548	0.042587	0.038955
	0.012271	-0.042313	0.043724	0.004578	0.042837	0.012657
	-0.042035	0.046909	0.015948	0.042190	0.020273	-0.059320
	-0.009960	0.039418	0.035006	0.006982	0.027364	0.006983
	0.022895	0.053277	0.010217	-0.006118	0.047145	-0.043886
	-0.028619					
x15	-0.000287	-0.028723	-0.042956	0.007877	-0.006866	0.016691
	-0.037681	-0.006835	-0.048201	0.007930	0.041600	-0.029517
	0.021732	-0.000600	-0.005075	-0.029440	-0.017984	0.026794
	0.008897	-0.010930	0.008142	0.024130	-0.009732	-0.034040
	0.009650	0.039931	-0.013597	0.045733	0.048820	0.003886
	-0.007186					
y15	-0.069679	-0.003570	-0.002633	-0.000347	-0.002158	-0.026295
	0.007407	-0.007148	0.038215	0.025739	-0.017401	0.067193
	0.005405	0.010211	-0.059975	0.023575	0.077506	-0.023827
	0.011201	0.016375	-0.031865	0.019982	-0.038674	-0.018304
	-0.028553	-0.070640	0.005355	-0.030455	0.011368	-0.004356
	0.023341					
z15	-0.055584	-0.019813	-0.011100	-0.007369	0.043217	0.038541
	0.013422	-0.038523	0.035793	0.001063	0.039631	0.006928
	-0.040072	0.025525	0.003515	0.030395	0.031774	-0.052572
	-0.013183	0.072334	0.025923	0.003323	0.045152	0.009746
	0.012930	0.041337	0.016180	-0.012021	0.052023	-0.040858
	-0.024619					

x16	0.003893	-0.026446	-0.042087	0.010136	-0.012073	0.010974
	-0.043982	-0.008050	-0.056013	0.008222	0.037413	-0.034225
	0.027802	-0.002253	-0.005410	-0.023452	-0.010649	0.026502
	0.012363	-0.009254	0.002613	0.021227	-0.007388	-0.038849
	0.008061	0.032571	-0.023750	0.044180	0.052174	0.009210
	-0.007887					
y16	-0.064523	-0.001408	0.001348	0.000470	-0.005025	-0.028357
	0.014886	-0.002911	0.030561	0.031344	-0.019588	0.064490
	0.004728	0.014675	-0.067646	0.015223	0.075357	-0.010161
	0.023113	0.017106	-0.034553	0.021092	-0.046040	-0.006420
	-0.010800	-0.059673	0.009761	-0.035489	0.000482	0.001156
	0.021637					
z16	-0.053746	-0.026110	-0.005292	-0.010982	0.041855	0.042344
	0.006296	-0.036339	0.037470	-0.007849	0.042035	-0.005062
	-0.035419	0.014827	0.007639	0.020461	0.030674	-0.057471
	-0.022209	0.069866	0.032431	-0.004524	0.034439	0.008470
	0.001891	0.036857	0.035475	-0.026278	0.062939	-0.040547
	-0.051231					
x17	0.008452	-0.023677	-0.040884	0.011770	-0.016971	0.003321
	-0.049963	-0.007368	-0.062949	0.010044	0.033324	-0.037421
	0.035388	-0.004504	-0.005690	-0.019158	-0.003350	0.026163
	0.014302	-0.003172	-0.001590	0.020385	-0.002604	-0.037960
	0.011735	0.019747	-0.023497	0.033801	0.058034	0.020222
	-0.016458					
y17	-0.058777	-0.000697	0.003028	0.001568	-0.010327	-0.027127
	0.022172	0.001457	0.025238	0.037120	-0.019023	0.058684
	-0.002973	0.018385	-0.073545	0.014081	0.077214	-0.006313
	0.042890	0.009087	-0.036515	0.019307	-0.056871	-0.010761
	0.003057	-0.035956	0.005151	-0.026825	-0.002580	-0.002331
	0.025351					
z17	-0.052581	-0.031180	0.001208	-0.013427	0.043119	0.048430
	0.001727	-0.036030	0.033240	-0.022696	0.041950	-0.003490
	-0.021974	0.011271	0.012396	0.008295	0.019076	-0.054162
	-0.036845	0.052718	0.019055	-0.015987	0.027987	0.002678
	-0.016543	0.036599	0.023940	-0.032020	0.050419	-0.040889
	-0.062240					
x18	0.013779	-0.019166	-0.039508	0.015131	-0.022213	-0.003758
	-0.057173	-0.010201	-0.066495	0.007367	0.031100	-0.042590
	0.044947	-0.006295	0.007418	-0.012711	0.003335	0.021104
	0.010886	-0.008024	0.002427	0.013141	-0.003933	-0.043814
	0.012597	0.005125	-0.035374	0.030384	0.072367	0.013597
	-0.035062					

y18	-0.052933	-0.001367	0.005461	0.002561	-0.014901	-0.028311
	0.027958	0.010257	0.022688	0.041195	-0.019106	0.054397
	-0.007138	0.019497	-0.081222	0.011936	0.074727	-0.001805
	0.057067	-0.001328	-0.041721	0.023393	-0.066544	-0.010624
	0.026556	0.001961	0.001938	-0.022273	-0.013608	0.005186
	0.037973					
z18	-0.051961	-0.039122	0.007237	-0.017367	0.044351	0.050035
	0.011541	-0.027817	0.030801	-0.028018	0.040116	0.006209
	-0.019747	0.026579	-0.008535	0.006528	0.008736	-0.034999
	-0.038641	0.082649	-0.000585	-0.022977	0.058226	0.049196
	-0.043972	0.036091	0.047299	-0.030118	0.009240	-0.020225
	-0.029685					
x19	0.015875	-0.015921	-0.038239	0.017987	-0.021398	-0.007682
	-0.061130	-0.011105	-0.066486	0.000990	0.026030	-0.052418
	0.045944	-0.016139	0.010328	-0.008981	-0.000908	0.025281
	0.010925	0.013936	0.004223	0.001063	0.006486	-0.025680
	0.026748	0.004971	-0.032214	0.012411	0.076750	-0.012601
	-0.014501					
y19	-0.048230	-0.001304	0.007700	0.002326	-0.018353	-0.026495
	0.034103	0.011786	0.012386	0.045419	-0.018662	0.044504
	-0.012571	0.018815	-0.078072	0.011343	0.067160	0.010512
	0.071452	-0.017978	-0.046937	0.019695	-0.080782	-0.014414
	0.038487	0.026403	0.007670	-0.009358	-0.014682	0.006185
	0.021394					
z19	-0.047192	-0.039902	0.019613	-0.019510	0.040257	0.045956
	0.013453	-0.021054	0.020108	-0.032289	0.037422	0.024469
	0.004257	0.049374	-0.020700	-0.005232	0.024025	-0.034794
	-0.048053	0.061971	-0.011520	-0.000117	0.069441	0.041131
	-0.061285	0.006304	0.043292	-0.028784	-0.003164	0.025023
	-0.046433					
x20	0.019449	-0.012067	-0.038812	0.019689	-0.027723	-0.017488
	-0.061141	-0.005780	-0.062997	0.006464	0.020598	-0.050211
	0.052747	-0.016284	0.003124	-0.014866	0.019124	0.011362
	0.009223	0.023768	0.009863	-0.001268	0.012145	0.008705
	0.024204	0.028944	-0.044037	-0.010425	0.039256	0.005050
	0.015036					
y20	-0.040050	-0.002705	0.008258	0.001666	-0.022400	-0.021452
	0.032837	0.006307	0.001668	0.041536	-0.014358	0.032521
	-0.005755	0.023814	-0.067696	0.018663	0.055246	0.022506
	0.073509	-0.038870	-0.042460	0.004755	-0.094169	-0.054301
	0.046436	0.014605	0.018676	0.009302	0.037288	0.014270
	-0.046031					

z20	-0.041134	-0.040613	0.032309	-0.021448	0.045939	0.046287
	0.016630	-0.017797	0.012113	-0.045769	0.034926	0.013819
	0.009676	0.045992	-0.018977	-0.001829	0.000232	-0.012303
	-0.050343	0.054079	-0.031463	0.004921	0.071127	0.047228
	-0.048685	-0.012843	0.049170	-0.023800	-0.004299	0.011199
	-0.037284					
x21	0.021026	-0.001809	-0.041493	0.015130	-0.034825	-0.030232
	-0.050882	0.004163	-0.067240	0.006407	0.018990	-0.054115
	0.047973	-0.021616	0.000152	-0.003010	0.019160	0.002865
	-0.003709	0.001451	0.012186	-0.008598	0.008937	0.037229
	0.035993	0.053990	-0.023249	-0.025458	0.030024	0.023885
	0.031741					
y21	-0.028432	0.000154	0.012406	0.004926	-0.021488	-0.010071
	0.030613	0.007614	-0.006731	0.041904	-0.013591	0.026639
	0.010614	0.023591	-0.053402	0.002195	0.044936	0.042355
	0.063426	-0.013016	-0.044041	-0.000887	-0.081967	-0.062010
	0.021867	-0.022456	0.016182	0.031887	0.069497	-0.011907
	-0.102921					
z21	-0.034117	-0.049284	0.041201	-0.017285	0.046123	0.040728
	0.012015	-0.022781	0.005599	-0.059018	0.028044	0.002518
	0.020607	0.055159	-0.021948	0.003386	0.012413	0.000589
	-0.032371	0.051038	-0.040252	-0.013245	0.063814	0.044463
	-0.036855	-0.025188	0.009034	-0.032633	-0.025375	0.021432
	-0.033779					
x22	0.022358	0.003890	-0.049034	0.013070	-0.042741	-0.034690
	-0.042102	-0.002866	-0.061094	0.006040	0.016380	-0.045295
	0.050993	-0.012195	-0.007858	0.016918	0.018072	-0.014003
	-0.015557	-0.002002	0.010920	-0.038387	0.003876	0.052365
	0.051291	0.045558	-0.007671	-0.050977	0.018018	0.027135
	0.045540					
y22	-0.019930	0.001292	0.016952	0.006662	-0.020897	-0.006673
	0.032771	0.011084	-0.015663	0.040774	-0.009360	0.018862
	0.024996	0.036014	-0.033020	-0.008160	0.036529	0.049137
	0.055009	-0.010947	-0.047122	-0.027255	-0.059966	-0.038273
	-0.020951	-0.012194	0.042176	0.042711	0.053412	0.003888
	-0.119818					
z22	-0.025754	-0.049019	0.052873	-0.013627	0.048290	0.032839
	0.007023	-0.014839	-0.006772	-0.068091	0.021457	-0.017275
	0.018283	0.034150	-0.018405	-0.006527	0.022698	0.022313
	-0.022870	0.048065	-0.032490	0.012540	0.048421	0.033425
	-0.012164	-0.031625	-0.035700	-0.019368	-0.011633	0.001784
	-0.035036					

x23	0.018803	0.004767	-0.054375	0.014708	-0.042371	-0.037247
	-0.038496	0.000295	-0.054387	0.008488	0.015284	-0.050166
	0.043461	-0.003941	-0.026563	0.031534	0.017367	-0.031082
	-0.013380	-0.007076	-0.014359	-0.054061	0.001556	0.044910
	0.045680	0.049254	0.011629	-0.074494	0.007519	0.041105
	0.033931					
y23	-0.009587	0.001582	0.017384	0.007211	-0.021762	-0.005961
	0.035463	0.010375	-0.026242	0.045475	-0.007619	0.032466
	0.023579	0.044446	-0.018611	-0.021725	0.040198	0.053876
	0.050151	-0.012389	-0.065047	-0.053142	-0.045867	-0.009972
	-0.052780	-0.011718	0.049852	0.048501	0.020538	0.001019
	-0.139241					
z23	-0.019225	-0.042376	0.061194	-0.008621	0.043789	0.027891
	0.006264	-0.009781	-0.012105	-0.081185	0.016847	-0.030639
	0.032275	0.020637	-0.007846	-0.010410	0.031238	0.031823
	-0.027352	0.049395	0.007240	0.025981	0.034839	0.029454
	0.014910	-0.035930	-0.051535	-0.017853	0.000986	-0.016788
	-0.008443					
x24	0.010903	0.005381	-0.055254	0.019938	-0.037628	-0.030719
	-0.036166	-0.003678	-0.043246	0.003434	0.015918	-0.060433
	0.037681	-0.002308	-0.041841	0.030912	0.016906	-0.042812
	-0.010436	-0.013018	-0.020990	-0.048150	0.009519	0.013799
	0.023239	0.032182	0.010658	-0.085293	0.012813	0.010867
	0.028118					
y24	-0.004170	-0.001065	0.019482	0.011514	-0.016492	-0.001559
	0.031156	0.004540	-0.029753	0.041698	-0.002891	0.024960
	0.020562	0.041115	-0.008832	-0.040937	0.040754	0.060092
	0.042883	-0.010390	-0.065118	-0.050931	-0.017722	0.001361
	-0.086688	0.006793	0.054822	0.052880	0.016158	-0.010145
	-0.139983					
z24	-0.016324	-0.032631	0.059007	-0.001718	0.033904	0.019703
	0.007902	-0.003633	-0.014226	-0.078216	0.010437	-0.021122
	0.039606	0.018721	-0.007420	-0.001319	0.034523	0.018090
	-0.032747	0.054466	0.029663	0.010160	0.011730	0.038150
	0.040641	-0.034429	-0.038279	-0.022711	-0.013039	-0.005911
	0.010410					
x25	-0.001206	0.011511	-0.044287	0.026321	-0.029347	-0.029432
	-0.033065	-0.006639	-0.038018	-0.014190	0.008353	-0.068822
	0.042696	0.008753	-0.045325	0.008466	0.018409	-0.038397
	-0.003188	-0.001977	-0.015338	-0.038983	0.024598	-0.009895
	0.023107	0.023646	0.021527	-0.055633	0.011623	-0.057149
	0.020449					

y25	-0.005164	-0.001630	0.028333	0.015976	-0.006697	-0.001422
	0.026390	0.000010	-0.036493	0.028951	-0.004849	0.007904
	0.020314	0.049210	0.003681	-0.064529	0.041983	0.060822
	0.042417	-0.011754	-0.061498	-0.047403	0.010807	0.011409
	-0.092416	0.037586	0.082399	0.066074	0.011252	-0.038484
	-0.111135					
z25	-0.017090	-0.026551	0.051152	0.010809	0.026985	0.013305
	0.005678	-0.001967	-0.014980	-0.067259	0.010288	-0.003339
	0.043978	0.014240	-0.020871	0.007100	0.020251	-0.002632
	-0.035497	0.053209	0.046193	-0.004447	0.000246	0.031084
	0.055331	-0.041495	-0.027161	-0.033324	-0.010067	0.001349
	0.013364					
x26	-0.013027	0.010611	-0.042331	0.031089	-0.036036	-0.028391
	-0.023845	-0.011517	-0.024113	-0.035319	-0.016890	-0.071467
	0.031279	0.033684	-0.065637	0.024308	0.005788	-0.037194
	0.007976	0.001277	-0.013577	-0.045336	0.022758	-0.025451
	-0.001596	-0.002626	0.016783	-0.062418	0.022039	-0.048665
	-0.027007					
y26	-0.004945	-0.009967	0.030314	0.017179	-0.010374	-0.010166
	0.032377	-0.004137	-0.039900	0.020092	-0.017637	0.007955
	0.005926	0.070871	0.000086	-0.057501	0.052416	0.043847
	0.022085	-0.025951	-0.072630	-0.060710	0.022842	0.014284
	-0.124184	0.042785	0.073528	0.036664	0.003565	-0.009675
	-0.107615					
z26	-0.019643	-0.022500	0.040940	0.026310	0.025040	0.006145
	0.000884	0.004919	-0.017076	-0.052297	0.017187	0.007614
	0.042103	0.002997	-0.037468	0.009172	0.003345	-0.023531
	-0.026417	0.043923	0.060866	-0.025097	-0.001910	0.017175
	0.051228	-0.033317	-0.020377	-0.029952	-0.012487	-0.001339
	0.013589					
x27	-0.024023	0.016681	-0.041905	0.033120	-0.035739	-0.019011
	-0.014346	-0.013812	-0.018452	-0.038604	-0.004369	-0.067725
	0.016739	0.047400	-0.086133	0.014899	0.011367	-0.030415
	0.007903	0.021438	-0.021059	-0.038349	0.013705	-0.021849
	-0.015936	-0.023557	-0.010938	-0.072002	0.005833	-0.034469
	0.017985					
y27	-0.004385	-0.016311	0.028539	0.020766	-0.007222	-0.014380
	0.035324	-0.008556	-0.053029	0.020224	-0.009806	0.007757
	-0.003437	0.081195	-0.015405	-0.067581	0.074640	0.026896
	0.010050	-0.041627	-0.084528	-0.068707	0.022319	0.027035
	-0.115281	0.061856	0.048432	-0.002278	-0.041150	0.003143
	-0.003792					

z27	-0.021726	-0.022324	0.029346	0.044854	0.020512	-0.003819
	-0.003682	0.013560	-0.021246	-0.036174	0.023623	0.018215
	0.041695	-0.003183	-0.054179	0.012187	-0.022490	-0.041870
	-0.016964	0.023327	0.074472	-0.048098	0.006306	0.004844
	0.033010	-0.035204	-0.013669	-0.021128	-0.004949	-0.004839
	-0.008161					
x28	-0.036747	0.021819	-0.042308	0.031707	-0.037941	-0.008234
	0.002756	-0.007018	-0.019975	-0.033167	0.020811	-0.047704
	0.000801	0.048940	-0.088100	0.012185	0.001831	-0.014904
	-0.005482	0.061078	-0.024063	-0.027865	0.031114	-0.011374
	-0.029834	-0.034608	-0.050136	-0.050076	-0.004184	-0.014713
	0.049655					
y28	-0.002414	-0.026484	0.021285	0.021029	-0.001914	-0.018451
	0.046031	-0.009409	-0.070072	0.025401	0.013860	0.021188
	-0.005969	0.090716	0.000699	-0.053641	0.083100	0.008211
	-0.007339	-0.045240	-0.075145	-0.089687	0.028702	0.044483
	-0.075789	0.093831	-0.004686	-0.005935	-0.077297	-0.013621
	0.076955					
z28	-0.023329	-0.023662	0.016338	0.062425	0.015839	-0.012797
	-0.007392	0.021624	-0.027345	-0.022258	0.032920	0.028569
	0.043908	-0.007764	-0.075795	0.013519	-0.048721	-0.052179
	-0.005790	0.002135	0.081517	-0.066746	0.019700	-0.002519
	0.002577	-0.038101	-0.010281	-0.010995	0.001591	-0.011271
	-0.020988					
x29	-0.048248	0.022229	-0.038865	0.043499	-0.042479	0.002099
	0.010755	0.014040	-0.014717	-0.053129	0.040780	-0.035694
	0.011368	0.061724	-0.072639	0.021479	-0.039758	0.004007
	-0.007240	0.049619	0.002041	-0.029908	0.031562	-0.013740
	-0.034552	-0.039084	-0.029468	-0.034421	0.002623	-0.014901
	0.045738					
y29	0.002698	-0.039757	0.019959	0.016756	0.003924	-0.039418
	0.048408	-0.010905	-0.083276	0.033540	0.022668	0.033097
	-0.016809	0.095349	0.051426	-0.045641	0.050319	-0.019904
	-0.025264	-0.090822	-0.057624	-0.104409	0.018027	0.009196
	0.015260	0.096916	-0.004494	-0.005596	-0.070222	-0.121518
	0.049134					
z29	-0.023291	-0.027488	0.000865	0.087526	0.006425	-0.017200
	-0.008155	0.026757	-0.025087	-0.029575	0.049146	0.031182
	0.070710	0.009454	-0.091799	0.042202	-0.086226	-0.043313
	0.008955	-0.043217	0.114814	-0.068511	0.019093	0.003408
	-0.041195	-0.032841	0.011222	0.007691	0.012731	-0.012206
	-0.022364					

x30	-0.056076	0.026077	-0.035787	0.053145	-0.032543	0.019286
	0.017079	0.025826	-0.013877	-0.071762	0.057646	-0.014491
	0.026774	0.076198	-0.064997	0.012427	-0.055694	0.027224
	-0.032419	0.021498	-0.011358	-0.052629	0.031729	-0.008007
	-0.032669	-0.045439	-0.024270	-0.019416	0.020559	-0.034749
	0.049628					
y30	0.014421	-0.043539	0.020042	0.024324	0.005351	-0.058489
	0.039152	-0.006332	-0.092127	0.031664	0.001479	0.042477
	-0.010974	0.082980	0.063057	-0.056265	0.011129	-0.071172
	-0.033395	-0.065174	-0.011153	-0.122979	-0.004780	0.017632
	0.057633	0.040311	-0.011364	0.003863	-0.031977	-0.130566
	-0.038549					
z30	-0.027429	-0.028948	-0.011998	0.102606	0.001199	-0.011826
	-0.002498	0.022137	-0.018139	-0.043948	0.070424	0.033817
	0.102025	0.030221	-0.111135	0.061884	-0.085169	0.006235
	0.012233	-0.091406	0.099440	-0.063626	0.030805	0.020263
	-0.068390	-0.022899	0.032502	0.012891	0.012600	-0.038279
	0.020169					
x31	-0.057759	0.029472	-0.030580	0.048956	-0.023165	0.024772
	0.018205	0.037315	-0.013133	-0.067443	0.064356	-0.007030
	0.028548	0.062447	-0.040275	0.005554	-0.044664	0.026615
	-0.033478	0.018785	-0.030129	-0.050272	0.034318	0.000446
	-0.033563	-0.054468	-0.021203	-0.012697	0.037508	-0.016019
	0.053913					
y31	0.029159	-0.044343	0.013442	0.020652	0.005361	-0.077767
	0.023362	-0.013862	-0.092244	0.028716	-0.018684	0.029418
	-0.012661	0.056124	0.069008	-0.053527	0.002987	-0.111520
	-0.020891	-0.036290	0.027307	-0.100464	-0.044797	0.028482
	0.041569	0.020888	0.005734	-0.023007	-0.003476	-0.092542
	-0.057470					
z31	-0.021947	-0.024357	-0.018492	0.097633	-0.002096	-0.029287
	0.002202	0.014704	-0.005291	-0.031171	0.074054	0.012239
	0.095709	0.022003	-0.102968	0.068696	-0.075907	0.016666
	0.021405	-0.096753	0.102979	-0.050371	0.028560	0.046100
	-0.074335	-0.019999	0.050766	0.005943	0.013453	-0.018553
	0.022051					
x32	-0.057224	0.036329	-0.029265	0.041577	-0.011791	0.033288
	0.017752	0.044961	-0.011586	-0.062299	0.069069	-0.000486
	0.031305	0.050313	-0.022907	0.001518	-0.029517	0.023653
	-0.026996	0.010775	-0.045204	-0.046058	0.027647	0.005052
	-0.024400	-0.064899	-0.019737	-0.019156	0.040904	-0.003938
	0.053882					

y32	0.043643	-0.041330	0.007737	0.016462	-0.004240	-0.095125
	0.002994	-0.021097	-0.093853	0.019232	-0.045469	0.011743
	-0.013121	0.031330	0.065367	-0.059218	0.000252	-0.133911
	-0.004845	0.006003	0.060902	-0.070291	-0.068675	0.023291
	0.035379	0.011227	0.036403	-0.039414	0.008798	-0.081540
	-0.077655					
z32	-0.009991	-0.015460	-0.019547	0.088898	-0.020815	-0.053677
	-0.001491	-0.003175	0.010826	-0.019197	0.074373	-0.009759
	0.074149	0.010813	-0.066048	0.090900	-0.061054	0.028233
	0.035088	-0.115923	0.111129	-0.014033	0.017941	0.044363
	-0.072899	0.006718	0.074739	0.026962	0.012881	-0.039877
	-0.037186					
x33	-0.053831	0.040550	-0.028212	0.033736	-0.002564	0.039302
	0.016551	0.046868	-0.014319	-0.059445	0.071231	0.001549
	0.031607	0.035834	0.003231	0.005263	-0.011092	0.015106
	-0.013218	-0.008235	-0.059310	-0.044932	0.031477	-0.003344
	-0.013846	-0.059866	-0.026424	-0.023529	0.049042	-0.020752
	0.051355					
y33	0.056253	-0.037483	0.002944	0.015419	-0.006817	-0.108537
	-0.016334	-0.030847	-0.082193	0.004637	-0.070479	-0.008572
	-0.012547	0.013302	0.049244	-0.075883	-0.016221	-0.151158
	-0.000206	0.051292	0.080879	-0.038297	-0.082955	0.025375
	0.020182	0.021971	0.035536	-0.035364	0.005382	-0.038285
	-0.061377					
z33	-0.001313	-0.004122	-0.018499	0.079533	-0.030787	-0.079168
	-0.002821	-0.018813	0.029695	-0.009901	0.067071	-0.029882
	0.048138	-0.009103	-0.047339	0.094801	-0.047021	0.036246
	0.037274	-0.123292	0.115983	0.013263	0.009107	0.032611
	-0.056297	0.046503	0.055886	0.038519	0.002316	-0.035024
	-0.053245					
x34	-0.045385	0.044700	-0.030488	0.024360	0.004635	0.042059
	0.015147	0.047657	-0.007008	-0.057381	0.071371	0.004243
	0.036181	0.026248	0.027940	0.007215	0.009510	0.004338
	0.000704	-0.017866	-0.053507	-0.048729	0.034649	0.001328
	0.006484	-0.052990	-0.016152	-0.024921	0.053408	-0.022855
	0.045626					
y34	0.064159	-0.034530	0.003240	0.019100	-0.005632	-0.112512
	-0.034910	-0.044696	-0.072215	-0.011512	-0.085683	-0.029676
	-0.014984	-0.001470	0.028056	-0.087029	-0.041682	-0.155738
	0.001653	0.087092	0.065927	-0.001082	-0.083331	0.035384
	-0.019119	0.033493	0.014052	-0.012944	-0.007623	-0.006310
	-0.041921					

z34	0.000455	0.002024	-0.009100	0.073032	-0.035979	-0.104302
	0.001458	-0.038303	0.030392	-0.006633	0.054829	-0.058042
	0.015738	-0.035103	-0.045750	0.088079	-0.039881	0.037321
	0.033197	-0.113829	0.083132	0.034894	0.018334	0.030451
	-0.073517	0.054839	-0.005664	0.052998	-0.016348	-0.032889
	-0.024641					
x35	-0.032381	0.044921	-0.034106	0.010584	0.008193	0.034372
	0.016102	0.034051	0.003204	-0.053180	0.062639	0.001336
	0.021903	0.003874	0.045036	0.010025	0.023235	-0.007500
	-0.005703	-0.018260	-0.055903	-0.035768	0.047376	0.009038
	0.022809	-0.040382	0.003733	-0.010184	0.058642	-0.024395
	-0.011492					
y35	0.067958	-0.031375	0.005490	0.025819	-0.001854	-0.103150
	-0.053648	-0.055065	-0.062230	-0.026971	-0.086312	-0.036171
	-0.011709	-0.012727	0.002639	-0.085582	-0.071238	-0.140411
	0.002319	0.101740	0.046437	0.033923	-0.083579	0.029944
	-0.060666	0.030952	-0.006293	0.007913	-0.014285	0.007200
	0.006826					
z35	-0.001657	0.008245	-0.001240	0.066372	-0.036664	-0.110983
	0.005801	-0.032203	0.029529	-0.001522	0.050341	-0.060348
	0.011384	-0.050599	-0.049708	0.066587	-0.026105	0.032867
	0.057887	-0.089426	0.073786	0.042174	0.002624	0.027740
	-0.068502	0.017836	-0.059437	0.030491	-0.027238	-0.007258
	0.065781					
x36	-0.016649	0.045726	-0.038815	-0.005430	0.009284	0.020282
	0.010435	0.013385	0.013155	-0.044931	0.050576	-0.006787
	0.001395	-0.025760	0.053131	0.008412	0.026619	-0.028085
	-0.016814	-0.011160	-0.055202	-0.027267	0.048428	0.013664
	0.040439	-0.038613	0.016241	-0.010036	0.053538	-0.049549
	-0.045328					
y36	0.064323	-0.028684	0.009998	0.034354	0.006228	-0.081276
	-0.063789	-0.059549	-0.054932	-0.043828	-0.082683	-0.033450
	-0.008275	-0.025874	-0.024865	-0.071365	-0.096305	-0.101495
	-0.008379	0.082389	0.005684	0.059593	-0.074914	0.014931
	-0.099724	0.031040	-0.039268	0.024163	-0.011732	0.033564
	0.032726					
z36	-0.006057	0.012897	0.000718	0.056989	-0.029430	-0.105186
	0.022563	-0.013670	0.029978	0.002623	0.044554	-0.047726
	0.014495	-0.061427	-0.049278	0.040070	-0.012071	0.036184
	0.081669	-0.064269	0.069551	0.049810	-0.014364	0.031293
	-0.049517	-0.008747	-0.075773	0.015202	-0.035497	0.056476
	0.088190					

x37	-0.001863	0.042674	-0.044706	-0.025520	0.011338	0.002559
	0.005473	-0.009612	0.029221	-0.034239	0.034255	-0.022392
	-0.024959	-0.072580	0.047025	0.007544	0.020277	-0.053543
	-0.022507	-0.009604	-0.048006	-0.011956	0.020808	0.008222
	0.050325	-0.040014	-0.010278	-0.043793	0.035186	-0.059155
	-0.049184					
y37	0.054405	-0.021480	0.014177	0.046474	0.014240	-0.045867
	-0.070132	-0.054327	-0.057918	-0.060134	-0.074888	-0.023035
	0.001210	-0.027551	-0.047907	-0.056128	-0.094505	-0.047396
	-0.016409	0.051659	-0.042883	0.055131	-0.033700	-0.007785
	-0.122014	0.026137	-0.049389	0.046919	-0.015946	0.025535
	0.047238					
z37	-0.003831	0.019462	-0.001019	0.048309	-0.021969	-0.094182
	0.043570	-0.001974	0.022286	0.003343	0.041622	-0.032055
	0.012498	-0.046427	-0.010646	0.017402	0.008077	0.028029
	0.096569	-0.045767	0.084575	0.046885	-0.004148	0.032379
	-0.020181	-0.025675	-0.030196	0.050219	-0.016832	0.070021
	0.028076					
x38	0.007333	0.032968	-0.045366	-0.041606	0.003651	-0.013717
	0.009588	-0.019770	0.045628	-0.024536	0.018737	-0.028565
	-0.052241	-0.119808	0.038603	0.014577	0.021490	-0.074749
	-0.004412	-0.035451	-0.053233	0.017875	0.009493	0.014687
	0.056460	-0.066971	-0.056253	-0.036051	0.026634	-0.047338
	-0.059220					
y38	0.040552	-0.017125	0.017348	0.055992	0.022884	-0.009142
	-0.077632	-0.077355	-0.067419	-0.070414	-0.063794	-0.013397
	-0.003614	-0.038588	-0.087736	-0.043631	-0.093781	0.019919
	-0.040262	0.011415	-0.079280	0.062206	0.026715	-0.048275
	-0.139203	0.037891	-0.057722	0.065778	-0.024899	-0.022643
	0.034113					
z38	-0.000247	0.027451	-0.010105	0.036671	-0.002720	-0.081627
	0.059833	0.010837	0.014010	0.006724	0.037540	-0.016165
	0.024377	-0.014816	0.024465	-0.000963	0.011830	-0.001675
	0.083704	-0.005333	0.108387	0.016422	-0.035218	0.035137
	0.002027	-0.035523	0.045260	0.029011	-0.023389	0.080254
	0.004501					
x39	0.015496	0.019373	-0.039336	-0.041072	0.007485	-0.017491
	0.024652	-0.028563	0.039268	-0.033750	0.017351	-0.033220
	-0.057141	-0.143252	0.017933	0.027062	0.010246	-0.085184
	0.006967	-0.025484	-0.047721	0.026638	0.004384	0.018532
	0.022234	-0.062018	-0.049209	-0.003881	0.023532	-0.026797
	-0.058047					

y39	0.027590	-0.017609	0.019869	0.051771	0.023245	-0.003027
	-0.075349	-0.088559	-0.069172	-0.077455	-0.043100	-0.011036
	-0.011308	-0.032053	-0.080066	-0.041430	-0.088067	-0.004906
	-0.032875	-0.006007	-0.067132	0.080538	0.024597	-0.026144
	-0.085230	0.034550	-0.034444	0.060100	-0.028533	-0.007285
	0.007195					
z39	0.002940	0.034480	-0.018483	0.035277	0.003714	-0.076235
	0.051718	0.015300	0.016674	0.020754	0.022840	-0.004430
	0.030832	-0.001483	0.040270	-0.001902	0.003824	0.018670
	0.071694	0.018631	0.089479	0.008964	-0.034596	0.012144
	-0.011748	-0.033507	0.049905	0.029994	-0.019348	0.056744
	0.018558					
x40	0.016352	0.009866	-0.038928	-0.042448	0.008174	-0.020374
	0.029463	-0.023158	0.027900	-0.037407	0.025152	-0.029547
	-0.056306	-0.162338	0.005280	0.026012	0.012066	-0.080104
	0.024418	-0.029961	-0.050608	0.014177	-0.002458	0.031463
	0.030283	-0.049698	-0.036552	-0.015710	0.017859	-0.024351
	-0.063733					
y40	0.015876	-0.011819	0.016938	0.043152	0.021179	0.004315
	-0.074345	-0.082465	-0.063618	-0.097044	-0.025342	-0.006342
	-0.010962	-0.018652	-0.068814	-0.047740	-0.084300	-0.027258
	-0.028833	-0.015273	-0.066081	0.090738	0.000266	-0.013090
	-0.031966	0.014490	-0.008435	0.058453	-0.033346	0.028912
	0.018587					
z40	0.004561	0.036443	-0.021401	0.032079	0.009040	-0.070591
	0.045870	0.008279	0.022627	0.038378	0.009638	0.001689
	0.032496	0.004167	0.046460	0.002178	-0.004948	0.036882
	0.058864	0.031052	0.077105	0.018462	-0.014550	-0.003294
	-0.020411	-0.035649	0.059354	0.032281	-0.018212	0.022144
	0.012819					
x41	0.015039	0.005327	-0.040798	-0.037849	0.014140	-0.018843
	0.033967	-0.016403	0.019798	-0.039500	0.028657	-0.017976
	-0.044221	-0.161094	0.007302	0.028861	0.004090	-0.068782
	0.030561	-0.025973	-0.032931	0.012336	-0.002120	0.042793
	0.039050	-0.041000	-0.021555	-0.005478	0.003941	-0.027970
	-0.044310					
y41	0.004217	-0.007898	0.014465	0.033931	0.019702	0.009856
	-0.073202	-0.073416	-0.058344	-0.111898	-0.013383	-0.002600
	-0.009675	-0.007971	-0.052972	-0.051970	-0.079223	-0.042373
	-0.016703	-0.023590	-0.062944	0.092924	-0.019093	-0.002869
	0.012228	0.003100	0.016698	0.050849	-0.040068	0.068696
	0.016548					

z41	0.005946	0.037466	-0.025578	0.026529	0.012152	-0.064618
	0.040360	-0.001398	0.026578	0.053300	-0.001439	0.002543
	0.034296	0.008049	0.047674	0.000905	-0.010122	0.051361
	0.046466	0.037063	0.065234	0.024204	0.006553	-0.014553
	-0.021158	-0.043546	0.064980	0.028724	-0.018799	-0.014613
	0.005918					
x42	0.007459	0.001525	-0.042050	-0.033503	0.020109	-0.012682
	0.037397	-0.013044	0.015837	-0.043937	0.032665	-0.003913
	-0.042057	-0.151195	0.019034	0.029903	-0.013649	-0.058568
	0.042221	-0.034370	-0.020812	0.014412	-0.007477	0.053065
	0.025935	-0.029361	-0.000019	-0.012374	0.003885	-0.015107
	-0.043030					
y42	-0.005619	-0.004978	0.010353	0.026931	0.018541	0.012377
	-0.070347	-0.068834	-0.048800	-0.114970	-0.008211	0.002026
	-0.005557	0.000679	-0.038707	-0.052103	-0.064664	-0.050506
	-0.011079	-0.021667	-0.052000	0.086384	-0.032528	0.013683
	0.070290	-0.008216	0.025501	0.053216	-0.052375	0.075453
	0.021368					
z42	0.007792	0.038781	-0.029317	0.019824	0.015368	-0.059186
	0.035286	-0.009442	0.025970	0.062285	-0.011267	0.000519
	0.037657	0.010491	0.047823	-0.002206	-0.016539	0.064161
	0.033857	0.039375	0.051991	0.033688	0.026203	-0.029059
	-0.027503	-0.044331	0.068791	0.013933	-0.016653	-0.030419
	-0.008783					
x43	-0.003749	0.001239	-0.046028	-0.032947	0.028975	-0.007124
	0.039183	-0.008515	0.012587	-0.042854	0.030697	0.009311
	-0.041297	-0.138864	0.031111	0.016005	-0.028610	-0.044101
	0.040815	-0.033845	-0.011029	0.014385	-0.012647	0.064325
	0.024622	-0.026542	0.007210	-0.032066	-0.006350	-0.004432
	-0.049776					
y43	-0.014999	-0.005215	0.006048	0.021889	0.017410	0.012517
	-0.067617	-0.065042	-0.037810	-0.108308	-0.004421	0.001927
	-0.002481	0.007996	-0.025315	-0.043574	-0.048358	-0.048379
	-0.003752	-0.020463	-0.039375	0.073206	-0.036532	0.024654
	0.109967	-0.009845	0.035422	0.060297	-0.060923	0.065270
	0.024686					
z43	0.011152	0.040323	-0.032240	0.014651	0.016921	-0.053204
	0.032109	-0.017849	0.023617	0.064486	-0.019846	0.000875
	0.040698	0.012348	0.047075	-0.004426	-0.022749	0.073948
	0.023421	0.039910	0.036502	0.047519	0.038826	-0.041060
	-0.029444	-0.043197	0.072459	0.002746	-0.012841	-0.032198
	-0.020220					

x44	-0.012849	-0.001538	-0.049171	-0.034159	0.034194	-0.001218
	0.040532	-0.006852	0.012732	-0.039117	0.024136	0.019440
	-0.038637	-0.128439	0.039676	-0.001779	-0.037563	-0.019996
	0.029704	-0.023471	0.002118	0.014882	-0.008370	0.064152
	0.025647	-0.025869	0.014308	-0.058430	-0.008135	-0.001773
	-0.075564					
y44	-0.026702	-0.006527	0.000789	0.019201	0.020687	0.008330
	-0.065993	-0.054861	-0.026540	-0.093718	-0.001069	-0.005187
	-0.000824	0.017260	-0.010741	-0.029023	-0.038726	-0.038546
	0.007625	-0.025717	-0.027217	0.054673	-0.032697	0.027857
	0.116047	-0.003479	0.054358	0.072914	-0.067199	0.058450
	0.021391					
z44	0.015166	0.043045	-0.034766	0.008748	0.016547	-0.048662
	0.030036	-0.026258	0.017799	0.061135	-0.028528	0.003615
	0.041740	0.011063	0.046896	-0.009437	-0.029310	0.080921
	0.017213	0.034948	0.016621	0.066926	0.044724	-0.044436
	-0.017061	-0.040304	0.075665	-0.005085	-0.015422	-0.025104
	-0.017951					
x45	-0.023218	-0.004248	-0.054230	-0.035106	0.036707	0.004933
	0.044905	-0.006748	0.015217	-0.031745	0.017691	0.029874
	-0.043146	-0.103208	0.047834	-0.012323	-0.046609	0.002715
	0.009601	-0.012560	0.008403	0.023845	0.001626	0.066995
	0.027433	-0.019576	0.035808	-0.070000	-0.019672	0.003565
	-0.088816					
y45	-0.036760	-0.008573	-0.003208	0.017790	0.026234	-0.000223
	-0.067820	-0.039384	-0.013183	-0.074871	0.000041	-0.016179
	0.000712	0.018000	0.002595	-0.016570	-0.029999	-0.020217
	0.024860	-0.035408	-0.009604	0.032199	-0.023099	0.020405
	0.092836	0.000908	0.071632	0.079867	-0.064070	0.038647
	0.010323					
z45	0.019512	0.045182	-0.036574	0.001224	0.015527	-0.046106
	0.026941	-0.034076	0.009371	0.053571	-0.035482	0.003350
	0.046783	0.003256	0.045523	-0.015761	-0.037057	0.089827
	0.014452	0.025621	-0.003278	0.087224	0.048600	-0.045714
	0.003409	-0.038373	0.077763	-0.014412	-0.012762	-0.011473
	-0.028194					
x46	-0.031142	-0.005600	-0.062010	-0.034322	0.039963	0.015101
	0.046027	-0.008411	0.022570	-0.020419	0.014779	0.042616
	-0.049083	-0.076361	0.058518	-0.020286	-0.059983	0.020311
	-0.006232	-0.007091	0.009972	0.025584	0.007078	0.068488
	0.019459	-0.007886	0.047046	-0.079009	-0.024468	0.011010
	-0.085346					

y46	-0.045463	-0.007287	-0.005628	0.016511	0.031666	-0.011360
	-0.070419	-0.030565	0.001132	-0.054970	-0.004239	-0.020834
	-0.001073	0.016869	0.012677	-0.007704	-0.020182	-0.002197
	0.038294	-0.034890	0.013964	0.013281	-0.007163	0.010054
	0.070560	-0.000170	0.080671	0.085736	-0.062220	-0.004769
	-0.004541					
z46	0.020849	0.044968	-0.037292	-0.007908	0.012153	-0.043738
	0.026047	-0.042451	-0.001923	0.044084	-0.040634	-0.000784
	0.053973	-0.001114	0.041084	-0.019991	-0.044387	0.100711
	0.013181	0.012202	-0.025510	0.112581	0.054168	-0.040556
	0.038587	-0.048388	0.085663	-0.019642	-0.017760	0.002286
	-0.041526					
x47	-0.001018	-0.044840	-0.053619	-0.033896	-0.022627	-0.001410
	0.076952	0.093860	-0.015854	0.028401	-0.043590	-0.028021
	0.051197	-0.050752	0.133483	-0.028702	-0.016167	-0.001490
	0.032733	-0.032931	0.049613	-0.011826	-0.000229	-0.041753
	0.017120	0.093569	-0.025378	0.012215	-0.126970	0.008389
	-0.011086					
y47	-0.064350	-0.009032	-0.009205	0.005050	0.092691	-0.015228
	-0.126565	-0.010571	0.001059	0.066239	0.021703	-0.039988
	-0.010631	-0.061960	0.020700	0.027082	0.006358	0.049173
	-0.072543	-0.039849	-0.102500	-0.123448	-0.084647	0.026760
	0.044238	-0.095345	-0.095148	-0.053404	0.009992	0.003318
	-0.020994					
z47	0.084567	0.031914	-0.058384	-0.022999	-0.001865	-0.091711
	0.019738	-0.083821	-0.005682	0.043388	-0.044844	-0.004407
	-0.022170	-0.066313	0.080043	-0.039724	-0.040696	0.010827
	-0.001591	0.059459	-0.005497	-0.137452	-0.012072	-0.020920
	-0.100293	0.007414	-0.001139	-0.015771	0.013815	-0.047799
	0.027163					
x48	-0.000849	-0.048822	-0.050069	-0.035790	-0.016822	0.005853
	0.070699	0.095350	-0.011310	0.029532	-0.038500	-0.021066
	0.040192	-0.045871	0.110539	-0.022032	-0.022478	-0.004509
	0.034593	-0.041088	0.047025	-0.015816	-0.016109	-0.031740
	0.020247	0.077375	-0.030224	-0.000371	-0.126978	0.021271
	0.004272					
y48	-0.070427	-0.004571	-0.012704	0.005046	0.085013	-0.020326
	-0.119982	-0.011020	0.004006	0.062659	0.021854	-0.037161
	-0.004714	-0.050782	0.019960	0.030140	0.003728	0.051427
	-0.077515	-0.026845	-0.099019	-0.110852	-0.078495	0.031372
	0.040681	-0.062027	-0.065560	-0.045644	-0.001568	0.009873
	-0.014451					

z48	0.079894	0.028749	-0.054226	-0.025633	-0.000922	-0.082590
	0.016740	-0.069388	-0.006733	0.048869	-0.043126	-0.002588
	-0.019038	-0.053936	0.060223	-0.036457	-0.043058	0.010244
	0.000971	0.046176	-0.017505	-0.116535	-0.031333	-0.021431
	-0.080001	-0.003603	-0.017466	-0.012641	0.013845	-0.035328
	0.025739					
x49	-0.004037	-0.050243	-0.043588	-0.036886	-0.011191	0.010790
	0.066353	0.091156	-0.010151	0.028363	-0.034533	-0.010366
	0.037893	-0.034719	0.096316	-0.024769	-0.029658	-0.001282
	0.028503	-0.043083	0.043698	-0.011005	-0.014129	-0.026844
	0.025157	0.061661	-0.022489	0.001890	-0.116538	0.022272
	-0.000793					
y49	-0.078132	-0.001190	-0.012280	0.002925	0.075414	-0.028087
	-0.110993	-0.008649	0.001837	0.060980	0.018616	-0.034059
	0.008243	-0.038493	0.029583	0.024903	-0.004640	0.061665
	-0.080655	-0.022105	-0.093296	-0.092795	-0.051835	0.031201
	0.031053	-0.032063	-0.036058	-0.033258	-0.008080	0.018532
	-0.034239					
z49	0.074152	0.024271	-0.048684	-0.028609	-0.001608	-0.075619
	0.015269	-0.053344	-0.009629	0.052407	-0.042904	-0.004839
	-0.012451	-0.043545	0.047778	-0.032028	-0.045639	0.014442
	0.002822	0.027627	-0.027654	-0.097567	-0.037112	-0.027872
	-0.071859	-0.013240	-0.028029	-0.004330	0.014809	-0.017064
	0.012073					
x50	-0.006677	-0.052213	-0.046569	-0.033498	-0.007493	0.016760
	0.062435	0.088840	-0.002591	0.026480	-0.025659	-0.004480
	0.025024	-0.028248	0.076499	-0.024413	-0.024460	-0.002847
	0.026094	-0.043920	0.045628	-0.001219	-0.019670	-0.025148
	0.014544	0.047399	-0.031701	0.000677	-0.110009	0.001026
	0.019931					
y50	-0.084131	0.001556	-0.018333	0.004523	0.067609	-0.029132
	-0.106749	-0.003747	0.007691	0.054982	0.019257	-0.041664
	0.014736	-0.038429	0.033124	0.019399	-0.001274	0.062909
	-0.072986	-0.010028	-0.067246	-0.069675	-0.038629	0.026559
	0.026904	-0.023714	-0.039604	-0.032024	-0.009376	-0.023510
	-0.013902					
z50	0.069154	0.020023	-0.048090	-0.029162	-0.003106	-0.065937
	0.015700	-0.037398	-0.010706	0.053976	-0.041473	-0.007542
	-0.009478	-0.034188	0.030333	-0.027962	-0.037808	0.010560
	0.011619	0.012448	-0.034363	-0.075233	-0.047567	-0.033517
	-0.059607	-0.032138	-0.053345	-0.000561	0.007192	-0.025278
	0.023358					

x51	-0.010527	-0.053505	-0.047756	-0.031355	-0.004845	0.023654
	0.057152	0.081595	0.004032	0.020863	-0.016642	0.000721
	0.020417	-0.021361	0.057147	-0.021188	-0.016606	-0.000747
	0.019238	-0.038905	0.036321	0.006628	-0.018150	-0.018418
	-0.003318	0.030842	-0.024667	0.009856	-0.102124	-0.004341
	0.025901					
y51	-0.090464	0.003121	-0.019080	0.000732	0.060345	-0.027567
	-0.104976	-0.001469	0.011976	0.045334	0.015546	-0.047984
	0.026907	-0.033942	0.031313	0.015988	0.002424	0.060313
	-0.059443	-0.002695	-0.065348	-0.057123	-0.021588	0.030398
	0.016556	-0.021303	-0.021350	-0.020398	-0.019135	-0.037832
	-0.007980					
z51	0.062786	0.016029	-0.044893	-0.031383	-0.004614	-0.055242
	0.015551	-0.024906	-0.012701	0.051144	-0.041069	-0.010805
	-0.000661	-0.026572	0.011903	-0.023102	-0.028196	0.009165
	0.016637	0.003217	-0.051181	-0.055202	-0.049125	-0.032432
	-0.050814	-0.053552	-0.059894	0.008145	-0.001733	-0.019917
	0.025642					
x52	-0.012505	-0.055923	-0.047551	-0.025376	-0.000645	0.028498
	0.055214	0.073891	0.007229	0.015175	-0.007069	0.005110
	0.006667	-0.017083	0.037913	-0.023692	-0.013278	0.002428
	0.018331	-0.038663	0.033181	0.001529	-0.021421	-0.013343
	-0.010835	0.022865	-0.010348	0.014040	-0.091393	0.001354
	0.038134					
y52	-0.093312	0.002741	-0.016567	-0.000186	0.056010	-0.026627
	-0.095787	-0.000851	0.011658	0.039507	0.012110	-0.058343
	0.032293	-0.034860	0.028452	0.013390	-0.004624	0.059231
	-0.044237	-0.002350	-0.046451	-0.060346	-0.002250	0.033509
	0.016135	-0.015158	-0.018005	-0.019255	-0.021788	-0.018679
	-0.001706					
z52	0.056772	0.009080	-0.040615	-0.030562	-0.005029	-0.047801
	0.019754	-0.013570	-0.017319	0.047552	-0.037471	-0.018592
	-0.000097	-0.018295	-0.005507	-0.018930	-0.023137	0.011777
	0.025226	-0.014691	-0.057651	-0.047219	-0.046954	-0.030465
	-0.035855	-0.061717	-0.056095	0.016132	-0.010920	0.002399
	0.035407					
x53	-0.015653	-0.057422	-0.049071	-0.023158	0.002025	0.034110
	0.049701	0.064652	0.012793	0.008841	0.000905	0.008613
	-0.001165	-0.013194	0.022691	-0.029435	-0.013574	0.003293
	0.012614	-0.036126	0.032541	0.003243	-0.013497	-0.012907
	-0.016175	0.016638	-0.006855	0.022056	-0.077107	-0.002306
	0.044820					

y53	-0.098142	0.002161	-0.016708	-0.006894	0.050298	-0.021735
	-0.089851	-0.001088	0.014697	0.032277	0.005772	-0.066029
	0.037546	-0.031995	0.030595	0.002824	-0.017926	0.056284
	-0.032040	-0.007678	-0.027058	-0.058663	0.016104	0.030442
	0.018592	-0.019072	-0.028440	-0.005240	-0.015668	-0.011754
	0.009049					
z53	0.048766	0.002557	-0.038482	-0.033057	-0.005900	-0.036889
	0.021496	-0.008277	-0.017911	0.042563	-0.036038	-0.021957
	0.002495	-0.008412	-0.015066	-0.015484	-0.022900	0.009153
	0.029086	-0.027327	-0.062161	-0.038057	-0.036497	-0.030516
	-0.015337	-0.066326	-0.065293	0.033247	-0.015636	0.013948
	0.046390					
x54	-0.019242	-0.059429	-0.048590	-0.021159	0.004377	0.036662
	0.045187	0.056704	0.013286	0.004445	0.008930	0.011991
	-0.005712	-0.009996	0.010480	-0.038057	-0.010755	0.007323
	0.008005	-0.033612	0.028792	0.006072	-0.001033	-0.010457
	-0.017086	0.011343	0.012440	0.029249	-0.062975	0.003166
	0.045325					
y54	-0.104050	0.001241	-0.014137	-0.015145	0.048128	-0.020756
	-0.080458	-0.000015	0.010781	0.031554	0.001047	-0.065991
	0.043450	-0.030059	0.034789	-0.014075	-0.019797	0.057347
	-0.024984	-0.014794	-0.015695	-0.061972	0.044421	0.031752
	0.013600	-0.013617	-0.023219	-0.000496	-0.019512	0.006570
	0.008115					
z54	0.037885	-0.006532	-0.035328	-0.035512	-0.004319	-0.029124
	0.025234	-0.000362	-0.023173	0.039111	-0.033584	-0.024070
	0.002114	-0.003623	-0.026594	-0.018257	-0.015998	0.014680
	0.034039	-0.032766	-0.068103	-0.028368	-0.016895	-0.029604
	-0.005086	-0.063376	-0.048294	0.039187	-0.022147	0.046269
	0.048729					
x55	-0.019643	-0.058782	-0.048537	-0.018215	0.004879	0.039914
	0.042562	0.044836	0.009582	0.004989	0.015799	0.021234
	-0.008990	-0.006577	0.002707	-0.043883	-0.002499	0.007368
	0.011474	-0.027166	0.026138	0.013387	0.004027	-0.006282
	-0.005472	0.005817	0.010853	0.047704	-0.062848	0.002256
	0.066919					
y55	-0.106390	0.002590	-0.009782	-0.015406	0.034859	-0.019655
	-0.068990	-0.000208	0.018511	0.022591	-0.018674	-0.048890
	0.055560	-0.025147	0.033478	-0.019414	-0.040490	0.034676
	0.001345	-0.022188	0.007990	-0.038128	0.047658	0.032916
	0.041619	-0.017783	-0.006783	0.004780	0.002789	-0.004356
	0.024294					

z55	0.029996	-0.012144	-0.034225	-0.032194	-0.011740	-0.020822
	0.031089	0.000248	-0.018633	0.029680	-0.039338	-0.014390
	0.001098	0.002104	-0.034573	-0.010372	-0.014997	-0.000736
	0.046593	-0.040125	-0.064500	-0.009376	-0.013991	-0.018831
	0.039494	-0.071660	-0.033714	0.046803	-0.020549	0.031200
	0.079272					
x56	-0.019923	-0.059229	-0.049140	-0.015081	0.007812	0.042304
	0.034400	0.037027	0.007693	0.006287	0.023581	0.018988
	-0.013371	-0.005297	-0.005537	-0.043839	-0.004898	0.009676
	0.011991	-0.017543	0.022763	0.019933	0.008664	-0.017726
	0.001075	0.009929	0.010826	0.048090	-0.057957	-0.003800
	0.059085					
y56	-0.108412	0.000577	-0.009150	-0.017842	0.037866	-0.016165
	-0.061719	-0.001043	0.017049	0.032024	-0.019403	-0.051731
	0.056435	-0.010106	0.034432	-0.015734	-0.053555	0.027091
	0.014942	-0.010146	0.025016	-0.019931	0.058233	0.030559
	0.041883	-0.018373	-0.021974	0.014729	-0.028927	0.044346
	0.011485					
z56	0.019699	-0.019563	-0.033027	-0.032099	-0.005723	-0.013745
	0.033495	-0.001649	-0.017882	0.028937	-0.032784	-0.019798
	-0.006858	0.013078	-0.035912	-0.001335	-0.021438	-0.008534
	0.046305	-0.035438	-0.063960	0.000585	-0.007375	-0.026116
	0.061516	-0.056271	-0.034508	0.049172	-0.026658	0.027822
	0.069819					
x57	-0.018551	-0.058993	-0.047984	-0.014384	0.007352	0.041820
	0.028669	0.032494	0.003414	0.012006	0.029102	0.016660
	-0.014395	-0.003795	-0.014206	-0.051054	-0.003706	0.012087
	0.010204	-0.010038	0.016529	0.013346	0.000458	-0.021979
	0.000397	0.015296	0.018465	0.040916	-0.051055	-0.004603
	0.032340					
y57	-0.107206	-0.001829	-0.013763	-0.019802	0.033802	-0.013193
	-0.055150	0.003894	0.019744	0.037423	-0.009036	-0.050262
	0.049514	-0.010814	0.028845	-0.010626	-0.037125	0.030923
	0.025906	-0.012932	0.038940	-0.034877	0.033402	0.044625
	0.015024	-0.013275	-0.039492	-0.002513	-0.025732	0.066569
	-0.025398					
z57	0.013629	-0.026502	-0.029916	-0.034577	-0.005404	-0.011770
	0.036941	0.006837	-0.014161	0.035823	-0.027173	-0.023990
	-0.011655	0.016285	-0.041074	-0.005271	-0.017542	-0.008278
	0.043754	-0.028672	-0.059032	-0.008164	-0.026471	-0.024618
	0.055149	-0.034731	-0.020972	0.032822	-0.028604	0.017101
	0.032750					

x58	-0.016373	-0.059311	-0.047271	-0.012728	0.004971	0.039521
	0.022670	0.028819	-0.000486	0.014048	0.033056	0.016624
	-0.014903	-0.003845	-0.021488	-0.050660	-0.002950	0.015708
	0.006386	-0.009389	0.011006	0.017231	0.006072	-0.024544
	-0.004489	0.020492	0.022713	0.043145	-0.043093	-0.005662
	0.025874					
y58	-0.107040	-0.001504	-0.017838	-0.020739	0.026129	-0.015493
	-0.046306	0.005634	0.021111	0.030363	-0.015980	-0.033497
	0.043584	-0.009982	0.029176	-0.003711	-0.030970	0.033772
	0.023588	-0.031148	0.052575	-0.029562	0.040945	0.049395
	-0.003189	-0.013239	-0.031233	-0.023531	-0.015412	0.045167
	-0.028278					
z58	0.008175	-0.033934	-0.027620	-0.035076	-0.009379	-0.012609
	0.041806	0.011243	-0.009254	0.034647	-0.026575	-0.019377
	-0.016564	0.021368	-0.042769	0.004823	-0.016617	-0.013511
	0.033622	-0.038574	-0.056054	0.003939	-0.013876	-0.019309
	0.050463	-0.018452	-0.006725	0.033782	-0.032419	0.016886
	0.022196					
x59	-0.015007	-0.058095	-0.046800	-0.009856	0.004198	0.040534
	0.015050	0.024318	-0.008258	0.016141	0.035899	0.010198
	-0.010643	-0.001495	-0.025801	-0.048719	-0.003570	0.023666
	0.009242	-0.003910	0.015410	0.021845	0.002770	-0.026068
	-0.008787	0.023563	0.021377	0.043770	-0.035593	0.003167
	0.020845					
y59	-0.109064	-0.001440	-0.019162	-0.019338	0.018917	-0.011515
	-0.040262	0.008077	0.024153	0.018756	-0.010896	-0.023951
	0.042741	-0.011775	0.026900	-0.006259	-0.017783	0.010399
	0.034037	-0.028704	0.063045	-0.016466	0.022615	0.030152
	-0.008300	-0.009991	-0.024452	-0.019307	-0.001788	0.053383
	-0.001694					
z59	-0.000428	-0.037375	-0.025042	-0.032667	-0.008257	-0.004604
	0.041851	0.014401	-0.005840	0.029385	-0.019794	-0.029203
	-0.014110	0.023562	-0.033955	0.010557	-0.013429	-0.026330
	0.038584	-0.028137	-0.035868	0.012306	-0.027670	-0.018694
	0.054108	-0.010804	0.010431	0.036936	-0.023136	0.030283
	0.043608					
x60	-0.012438	-0.055638	-0.046168	-0.007095	0.002587	0.040697
	0.007940	0.019113	-0.013100	0.018730	0.037466	0.008829
	-0.005187	0.001313	-0.028000	-0.045037	0.000563	0.027530
	0.006978	-0.000788	0.014011	0.026672	-0.002537	-0.028909
	-0.003613	0.018392	0.013336	0.039873	-0.027955	-0.005273
	0.030056					

y60	-0.106495	-0.001312	-0.021219	-0.015859	0.012039	-0.012622
	-0.035954	0.007261	0.028651	0.013407	-0.008416	-0.012616
	0.042300	-0.006009	0.021125	-0.006529	-0.001009	-0.003772
	0.028430	-0.027905	0.063860	-0.001587	-0.000421	0.009729
	-0.014133	-0.008931	-0.045861	-0.025119	0.018516	0.028019
	0.038340					
z60	-0.006036	-0.040769	-0.023202	-0.029231	-0.007775	-0.000678
	0.040314	0.010180	0.000750	0.029488	-0.014472	-0.030514
	-0.013597	0.029253	-0.024133	0.020864	-0.002540	-0.036672
	0.028451	-0.021103	-0.025170	0.027205	-0.044662	-0.020163
	0.063123	-0.012339	0.000135	0.022477	-0.004060	0.015861
	0.084872					
x61	-0.010329	-0.053737	-0.045061	-0.006140	0.001940	0.038575
	-0.000467	0.014499	-0.019436	0.020692	0.038935	0.007911
	-0.000585	-0.000039	-0.028863	-0.043618	0.001490	0.027295
	0.004395	-0.001866	0.009516	0.028046	-0.005977	-0.031387
	0.000848	0.019620	0.014623	0.040749	-0.015515	-0.004292
	0.024117					
y61	-0.103908	-0.001956	-0.020867	-0.016661	0.008480	-0.016122
	-0.029939	0.001664	0.020303	0.011153	-0.023239	0.003878
	0.048350	0.004330	0.010835	-0.004829	0.000001	0.000264
	0.023714	-0.036611	0.062736	0.004732	0.002352	0.007426
	-0.018421	0.017636	-0.029783	-0.033793	0.027872	0.001400
	0.004730					
z61	-0.011467	-0.046072	-0.021895	-0.031042	-0.006108	-0.000231
	0.036401	0.007822	-0.001839	0.027241	-0.017768	-0.023152
	-0.013013	0.028653	-0.016377	0.033827	-0.003568	-0.041641
	0.020356	-0.037285	-0.018703	0.031713	-0.035771	-0.013307
	0.062879	0.010591	0.020136	0.010673	0.019212	0.012807
	0.053930					
x62	-0.007115	-0.052374	-0.044410	-0.003573	0.000629	0.036671
	-0.009188	0.009056	-0.026663	0.023925	0.038386	0.005151
	0.002935	0.002001	-0.029202	-0.036705	-0.000145	0.034226
	0.002723	-0.002563	0.008827	0.029912	-0.008051	-0.029990
	0.003407	0.019584	0.008022	0.042685	-0.008633	-0.003658
	0.017932					
y62	-0.102758	-0.001610	-0.019539	-0.022967	0.002204	-0.017592
	-0.017220	0.001153	0.018256	0.006755	-0.028109	0.019004
	0.041787	0.005314	-0.001984	-0.007898	0.006364	-0.009588
	0.008859	-0.017315	0.040091	0.013575	0.005379	0.019718
	-0.017082	0.028968	0.008207	-0.016230	0.034747	-0.013550
	0.037314					

z62	-0.015932	-0.050919	-0.019865	-0.031669	-0.005942	0.003033
	0.036206	0.006023	-0.000735	0.025841	-0.015627	-0.017002
	-0.023434	0.025173	-0.016205	0.044687	-0.004170	-0.048398
	0.007073	-0.022456	-0.022500	0.040072	-0.029002	0.006054
	0.068121	0.029053	0.040508	0.031077	0.024434	0.013139
	0.065342					
x63	-0.004801	-0.049867	-0.043142	-0.000545	-0.001074	0.034934
	-0.017540	0.004928	-0.030327	0.024991	0.038975	0.001310
	0.008940	0.005537	-0.025232	-0.028628	-0.000836	0.033397
	0.004848	-0.007989	0.008948	0.031138	-0.011109	-0.033678
	0.005401	0.017707	0.002940	0.046118	0.000525	0.000817
	0.021880					
y63	-0.101575	-0.001139	-0.022833	-0.022540	0.000642	-0.018486
	-0.003221	-0.000597	0.016876	0.002783	-0.035216	0.026626
	0.038929	0.009545	-0.024423	-0.004236	0.013129	-0.014768
	0.015577	-0.000575	0.018059	0.025822	0.001713	0.017881
	-0.031417	0.031052	0.010318	-0.037955	-0.008173	-0.007406
	0.051120					
z63	-0.023030	-0.053673	-0.020338	-0.028814	-0.001243	0.008998
	0.036625	0.005538	0.001295	0.023371	-0.015077	-0.016717
	-0.025248	0.026990	-0.017231	0.058585	-0.004573	-0.055943
	0.016155	-0.015618	-0.025212	0.045340	-0.027719	0.009686
	0.060772	0.029949	0.040223	0.013824	0.004265	0.029948
	0.077700					
x64	-0.002196	-0.046967	-0.042318	0.001087	-0.001483	0.032437
	-0.025853	0.000886	-0.035487	0.027242	0.041432	-0.001911
	0.011958	0.005818	-0.023726	-0.028250	0.002440	0.032507
	0.006130	-0.007069	0.005480	0.028857	-0.014056	-0.034075
	0.007678	0.016001	-0.000897	0.047297	0.001508	0.005181
	0.016119					
y64	-0.098056	-0.002199	-0.021502	-0.018251	-0.007339	-0.021678
	0.007427	-0.004172	0.020168	-0.003695	-0.046322	0.033542
	0.037402	0.012809	-0.028346	0.002522	0.002284	-0.016372
	0.020287	-0.005201	0.015740	0.032349	-0.014610	-0.004357
	-0.037118	0.025783	0.004683	-0.042956	-0.001730	-0.029348
	0.052013					
z64	-0.027584	-0.057281	-0.019244	-0.023050	-0.000705	0.012246
	0.032062	0.002296	0.006385	0.016220	-0.016908	-0.013869
	-0.033435	0.018656	-0.004432	0.064250	-0.017547	-0.061794
	0.020351	-0.029688	-0.012096	0.037872	-0.039026	-0.008388
	0.062847	0.026040	0.040324	-0.001011	0.027565	0.006465
	0.054626					

x65	-0.000123	-0.043110	-0.040812	0.004050	-0.002260	0.030857
	-0.034523	-0.005459	-0.038336	0.024171	0.040193	-0.005704
	0.015218	0.006239	-0.022270	-0.028835	0.002963	0.032523
	0.012300	-0.007378	0.004810	0.030294	-0.016121	-0.040050
	0.009524	0.013848	0.000907	0.044163	0.004408	0.005981
	0.005694					
y65	-0.093785	-0.004574	-0.020309	-0.020709	-0.011740	-0.025797
	0.019414	0.000236	0.011788	0.008110	-0.040790	0.030259
	0.035535	0.008100	-0.032126	0.013910	0.004444	-0.020162
	0.000650	0.006545	-0.004490	0.026056	-0.022695	-0.010092
	-0.038111	0.030776	-0.019633	-0.020795	0.011967	-0.023580
	0.069517					
z65	-0.029348	-0.060812	-0.016401	-0.021277	0.001603	0.016680
	0.026391	0.001899	0.004826	0.014956	-0.008179	-0.025630
	-0.043181	0.007782	0.002984	0.069736	-0.015680	-0.063980
	0.010627	-0.039732	-0.004741	0.023138	-0.028384	-0.021118
	0.059568	0.048436	0.038180	0.005340	0.076789	0.006197
	0.018064					
x66	0.001525	-0.039782	-0.038713	0.007295	-0.002319	0.029110
	-0.042721	-0.009777	-0.039945	0.021774	0.040777	-0.014137
	0.017878	0.007144	-0.019329	-0.028759	0.003358	0.032158
	0.019017	-0.006014	0.005227	0.032042	-0.017692	-0.041731
	0.013252	0.011843	-0.000277	0.046665	0.018624	0.001728
	-0.001279					
y66	-0.087953	-0.006049	-0.021345	-0.023394	-0.015447	-0.028015
	0.023466	0.001869	0.002021	0.011081	-0.043214	0.038268
	0.036327	0.003021	-0.042162	0.025276	0.006634	-0.021606
	-0.011658	0.012946	-0.005016	0.014307	-0.037974	-0.014431
	-0.043196	0.019749	-0.014271	-0.035221	0.015341	-0.019193
	0.084224					
z66	-0.033672	-0.060116	-0.009732	-0.022554	0.007496	0.023993
	0.019828	0.001207	0.002371	0.007730	-0.005045	-0.032613
	-0.047207	-0.006129	-0.001577	0.071341	0.008925	-0.050235
	-0.001651	-0.029275	-0.001754	0.007076	-0.021826	-0.036174
	0.052756	0.054954	0.038624	-0.013606	0.089336	-0.025562
	0.013573					
x67	0.003099	-0.036588	-0.035456	0.010174	-0.003000	0.026330
	-0.050322	-0.013246	-0.044600	0.020212	0.040383	-0.020530
	0.019043	0.006649	-0.018639	-0.025221	0.005768	0.030367
	0.019636	-0.003340	0.001388	0.029506	-0.017885	-0.041284
	0.014850	0.007926	-0.001627	0.046783	0.033882	-0.003670
	-0.003674					

y67	-0.079733	-0.006069	-0.026354	-0.027425	-0.018590	-0.028451
	0.028330	0.001012	0.001533	0.017524	-0.039858	0.046078
	0.041257	0.003175	-0.050091	0.017927	0.013038	-0.010239
	-0.002208	0.021854	-0.003947	0.013155	-0.045958	-0.012948
	-0.050702	0.019014	-0.013892	-0.043798	-0.016895	0.011139
	0.083169					
z67	-0.035947	-0.058133	-0.006961	-0.025471	0.011347	0.028945
	0.015877	0.000479	0.007676	0.009798	0.002923	-0.033314
	-0.040222	-0.010432	-0.000883	0.064463	0.026485	-0.039205
	-0.000680	-0.003512	-0.009708	0.003210	-0.022672	-0.031929
	0.044062	0.052953	0.030540	-0.008770	0.061585	-0.011635
	0.014473					
x68	0.004445	-0.032813	-0.032891	0.011627	-0.004409	0.023887
	-0.057064	-0.017119	-0.049101	0.018618	0.037717	-0.025097
	0.021081	0.004985	-0.021248	-0.022734	0.014036	0.028858
	0.020339	0.004055	-0.004603	0.024792	-0.016081	-0.043459
	0.017245	-0.003327	-0.000330	0.045793	0.041103	-0.013094
	-0.006903					
y68	-0.072285	-0.007437	-0.028543	-0.027050	-0.021624	-0.029093
	0.032978	0.004211	0.000930	0.021680	-0.035164	0.051760
	0.042786	0.006088	-0.048986	0.021170	0.009297	-0.004486
	0.003270	0.014502	0.008101	0.022335	-0.057035	-0.004547
	-0.052775	0.029874	-0.021097	-0.052939	-0.027977	0.044455
	0.084283					
z68	-0.037290	-0.058109	-0.002634	-0.025001	0.015319	0.031990
	0.013832	0.004815	0.012965	0.008124	0.010828	-0.034805
	-0.039355	-0.010849	0.001553	0.055329	0.029122	-0.030236
	0.003513	0.004089	-0.014322	0.005692	-0.022005	-0.020959
	0.032111	0.079935	0.016411	-0.008310	0.047044	0.009523
	0.018353					
x69	0.004977	-0.029229	-0.031921	0.014568	-0.006144	0.022129
	-0.062995	-0.016707	-0.052154	0.016226	0.035603	-0.027919
	0.023073	0.002963	-0.024908	-0.017908	0.021877	0.031403
	0.025019	0.006238	-0.011100	0.025877	-0.019955	-0.038615
	0.015648	-0.009891	-0.004543	0.047835	0.039564	-0.002626
	0.016878					
y69	-0.063828	-0.008748	-0.024553	-0.027345	-0.024544	-0.033382
	0.036449	-0.001009	-0.005219	0.027711	-0.033044	0.053802
	0.043959	0.011584	-0.038733	0.018873	0.000332	-0.005857
	-0.000003	0.003150	0.020269	0.019365	-0.054813	-0.009279
	-0.044492	0.026140	-0.011642	-0.063503	-0.021908	0.034226
	0.033429					

z69	-0.036098	-0.058885	0.003846	-0.027923	0.018479	0.032524
	0.011397	0.001450	0.017903	0.006338	0.016251	-0.035795
	-0.038592	-0.010737	0.003628	0.047170	0.027115	-0.032177
	-0.002973	0.018385	-0.019383	-0.006671	-0.007182	-0.030314
	0.017315	0.087802	0.003589	-0.013496	0.049246	-0.007072
	-0.028863					
x70	0.007586	-0.025083	-0.030071	0.015924	-0.006234	0.018927
	-0.071053	-0.016948	-0.053236	0.015019	0.035042	-0.029762
	0.023864	-0.005715	-0.025939	-0.017122	0.028155	0.038766
	0.026988	0.018630	-0.022489	0.023565	-0.028476	-0.043258
	0.016614	-0.005123	-0.000650	0.034921	0.042658	-0.002855
	0.014054					
y70	-0.059585	-0.009549	-0.022628	-0.025672	-0.029602	-0.033510
	0.042380	-0.003766	-0.010706	0.028390	-0.033538	0.053313
	0.049177	0.026057	-0.032564	0.019756	-0.006817	-0.020140
	0.003179	-0.012426	0.038834	0.021178	-0.037759	0.005083
	-0.038336	0.005915	-0.008991	-0.052900	-0.020231	0.036675
	0.020774					
z70	-0.037173	-0.059089	0.007971	-0.028834	0.017944	0.035146
	0.014405	-0.001130	0.016155	0.002867	0.017701	-0.032182
	-0.031701	-0.000459	0.002614	0.046188	0.031295	-0.038043
	-0.007126	0.013636	-0.016328	-0.014111	0.003874	-0.020428
	-0.000037	0.068908	-0.011636	-0.000655	0.044980	-0.003659
	-0.036208					
x71	0.011106	-0.022238	-0.029420	0.014288	-0.006657	0.014129
	-0.078438	-0.019563	-0.052120	0.016915	0.029779	-0.028744
	0.026739	-0.007701	-0.030985	-0.017535	0.035921	0.033595
	0.023386	0.047589	-0.020828	0.020912	-0.035217	-0.028777
	0.027238	-0.009963	-0.002489	0.031423	0.039743	0.001535
	0.010274					
y71	-0.055722	-0.008150	-0.019414	-0.020496	-0.034219	-0.032588
	0.047392	-0.000790	-0.014337	0.025024	-0.028331	0.051632
	0.046469	0.030501	-0.031209	0.025363	-0.008935	-0.016621
	0.011639	-0.035059	0.040325	0.025174	-0.034350	0.006993
	-0.039261	0.003833	0.005728	-0.058021	-0.023732	0.041143
	0.019066					
z71	-0.038299	-0.058533	0.012691	-0.025580	0.017249	0.039241
	0.018073	0.001753	0.012603	-0.003847	0.019897	-0.031274
	-0.028061	0.006987	0.005378	0.038690	0.030073	-0.027166
	-0.001624	-0.012623	-0.033189	-0.013080	0.017875	-0.024737
	-0.025115	0.074509	-0.019458	0.003322	0.038183	-0.004000
	-0.032183					

x72	0.012818	-0.019715	-0.028016	0.018187	-0.009053	0.013379
	-0.083059	-0.018822	-0.052037	0.013966	0.033603	-0.030823
	0.032309	-0.008623	-0.028501	-0.009959	0.042037	0.034734
	0.032359	0.052399	-0.021482	0.029080	-0.023327	-0.029893
	0.030756	0.003815	-0.005543	0.033217	0.032980	0.002920
	0.004999					
y72	-0.051764	-0.006224	-0.016794	-0.021474	-0.035706	-0.033422
	0.052079	0.001831	-0.019571	0.026626	-0.036727	0.053090
	0.036232	0.026410	-0.037377	0.015372	-0.016227	-0.011405
	0.006008	-0.028847	0.041354	0.011006	-0.039304	0.018982
	-0.028860	-0.020329	0.018099	-0.075064	-0.015507	0.035179
	0.017941					
z72	-0.036444	-0.056572	0.018448	-0.028935	0.019135	0.035554
	0.018645	-0.001103	0.007629	-0.006347	0.013027	-0.026778
	-0.021374	0.016685	0.004090	0.032346	0.032931	-0.027243
	-0.011059	-0.022088	-0.041717	-0.019318	0.007288	-0.015897
	-0.041042	0.056328	-0.018963	0.000064	0.032460	0.003723
	-0.031121					
x73	0.014321	-0.014318	-0.027032	0.016972	-0.009335	0.008785
	-0.084049	-0.020355	-0.057978	0.018140	0.024685	-0.020147
	0.029090	-0.013172	-0.023127	-0.003409	0.042099	0.032499
	0.027401	0.059699	-0.020899	0.025363	-0.023041	-0.019963
	0.029852	-0.013814	0.007117	0.014209	0.034323	0.005541
	-0.004290					
y73	-0.047087	-0.008073	-0.015240	-0.018744	-0.042566	-0.031434
	0.053237	0.008651	-0.018739	0.022549	-0.031328	0.041938
	0.036283	0.029614	-0.044396	0.009436	-0.009719	-0.005986
	0.014868	-0.029930	0.039436	0.011760	-0.034994	0.015947
	-0.016683	-0.009427	0.001830	-0.066102	-0.019381	0.041156
	0.016808					
z73	-0.034795	-0.059772	0.025539	-0.024800	0.021684	0.036177
	0.017201	0.002532	0.011189	-0.021122	0.018962	-0.029306
	-0.011581	0.031432	-0.009763	0.025586	0.023624	-0.022760
	-0.002633	-0.022384	-0.052903	-0.028587	0.029217	-0.019990
	-0.042558	0.095178	-0.037339	0.022025	0.010341	-0.025533
	-0.025750					
x74	0.013757	-0.007949	-0.022719	0.013557	-0.009834	0.003375
	-0.088044	-0.019623	-0.062670	0.015454	0.014992	-0.013536
	0.028188	-0.007169	-0.029436	-0.009799	0.036252	0.031662
	0.025415	0.062002	-0.024037	0.027915	-0.016646	-0.009922
	0.037800	-0.006125	0.023246	0.023195	0.023755	-0.025747
	-0.013728					

y74	-0.039169	-0.008867	-0.014998	-0.014350	-0.047231	-0.031054
	0.051391	0.011313	-0.014676	0.019279	-0.032766	0.025480
	0.037975	0.035396	-0.018883	0.016069	0.000413	-0.005567
	0.016809	-0.043454	0.052989	0.010972	-0.034330	0.017808
	-0.013842	-0.022086	-0.022042	-0.082687	0.011491	0.088501
	-0.012980					
z74	-0.031282	-0.061404	0.029734	-0.021483	0.023054	0.035995
	0.024504	-0.001552	0.008570	-0.021830	0.030084	-0.029369
	0.002734	0.027901	-0.010373	0.030024	0.031142	-0.021725
	-0.004928	-0.020805	-0.060259	-0.037154	0.023545	-0.015536
	-0.058914	0.087396	-0.041327	0.019991	0.000445	-0.004194
	-0.010992					
x75	0.013913	-0.007298	-0.024055	0.014685	-0.015782	0.000169
	-0.091346	-0.022082	-0.061088	0.019458	0.012458	-0.011887
	0.026776	-0.002439	-0.030493	-0.004480	0.043341	0.020756
	0.023863	0.063136	-0.024473	0.035333	-0.019791	-0.003453
	0.045278	0.005168	0.027608	0.012109	0.009816	-0.025014
	-0.013594					
y75	-0.032569	-0.002261	-0.011906	-0.011770	-0.048461	-0.029198
	0.055979	0.015180	-0.016326	0.009514	-0.035170	0.019933
	0.039445	0.026389	-0.012265	0.026023	0.002312	0.002115
	0.022017	-0.046955	0.053004	-0.010319	-0.025890	0.039321
	-0.013894	-0.025055	-0.030077	-0.066737	0.037818	0.099553
	-0.043197					
z75	-0.027507	-0.061239	0.038197	-0.024855	0.028596	0.035780
	0.027991	0.002126	0.002028	-0.025574	0.030846	-0.032746
	0.013343	0.027859	-0.016217	0.015073	0.027101	-0.007014
	-0.010447	-0.022347	-0.065598	-0.034536	0.018859	-0.029891
	-0.057527	0.054390	-0.046719	0.011558	-0.014517	0.002351
	-0.015408					
x76	0.014068	-0.001766	-0.026490	0.012236	-0.019187	-0.002361
	-0.085072	-0.022869	-0.061701	0.020115	0.003432	-0.008877
	0.028926	-0.009852	-0.031366	0.008060	0.046367	0.012165
	0.023595	0.065531	-0.035620	0.032987	-0.004632	0.023307
	0.036518	0.008778	0.024503	-0.010121	-0.006906	-0.011859
	-0.012158					
y76	-0.027727	0.000610	-0.008671	-0.002478	-0.048534	-0.026543
	0.054755	0.013871	-0.017947	0.008202	-0.024835	0.013221
	0.041170	0.019764	-0.013771	0.013777	0.011372	0.004027
	0.017742	-0.038667	0.052970	-0.023385	-0.033178	0.032659
	-0.002468	-0.017000	-0.025270	-0.018094	0.058341	0.088294
	-0.047559					

z76	-0.023591	-0.063482	0.046382	-0.025641	0.034590	0.034871
	0.021641	0.006055	-0.002403	-0.035335	0.027007	-0.039781
	0.014632	0.036143	-0.012047	0.010575	0.019928	0.013727
	-0.010238	-0.022989	-0.051646	-0.030431	0.005156	-0.040298
	-0.049154	0.028297	-0.044655	0.000063	-0.005704	-0.010077
	-0.019103					
x77	0.014018	0.002815	-0.028799	0.013508	-0.019149	-0.004559
	-0.075089	-0.019482	-0.060090	0.015580	-0.000842	-0.001163
	0.028862	-0.003527	-0.022390	0.029141	0.040010	0.013034
	0.008335	0.067410	-0.027206	0.011694	0.011764	0.031222
	0.012871	0.005189	0.035132	-0.015672	-0.006631	-0.018056
	-0.023329					
y77	-0.022493	0.002578	-0.004194	0.001389	-0.050190	-0.024658
	0.049600	0.011515	-0.022184	0.006485	-0.016468	0.002455
	0.042065	0.003398	-0.023056	-0.011112	0.025997	0.001072
	0.027048	-0.022628	0.029991	-0.020501	-0.034106	0.034607
	0.021977	-0.008835	-0.043465	0.012340	0.065486	0.090316
	-0.042979					
z77	-0.018032	-0.063613	0.053093	-0.029716	0.037101	0.032056
	0.017213	0.007341	-0.007482	-0.040358	0.018373	-0.047573
	0.017070	0.036019	-0.006880	0.013063	0.015703	0.028616
	-0.003877	-0.020631	-0.045999	-0.025243	-0.004426	-0.024414
	-0.041542	0.007315	-0.037850	-0.019805	-0.013922	-0.010988
	-0.006368					
x78	0.016004	0.004648	-0.034075	0.017562	-0.023507	-0.008372
	-0.071769	-0.029041	-0.052674	0.017761	-0.009576	-0.002468
	0.034363	0.005129	-0.019156	0.036381	0.037688	0.012119
	0.004359	0.058274	-0.005587	-0.001115	0.003344	0.024851
	0.010269	-0.001210	0.037787	0.002072	0.001603	0.002280
	-0.011071					
y78	-0.018587	0.008815	0.003383	-0.000249	-0.044198	-0.022692
	0.052935	0.017234	-0.029723	0.000561	-0.006397	-0.004293
	0.036100	-0.012972	-0.021184	-0.023621	0.037889	0.000884
	0.025133	-0.001099	-0.003317	-0.025135	-0.019499	0.049546
	0.021898	0.009258	-0.052486	0.018914	0.060327	0.076009
	-0.041098					
z78	-0.013005	-0.062529	0.060774	-0.032496	0.039052	0.029236
	0.013143	0.013984	-0.015338	-0.044984	0.018997	-0.047171
	0.022017	0.037350	0.000544	0.011364	0.020454	0.037598
	-0.003684	-0.024340	-0.043473	-0.018688	-0.009175	-0.017305
	-0.038709	-0.008514	-0.042381	-0.029796	-0.021972	-0.008924
	-0.013401					

x79	0.014112	0.006676	-0.036296	0.018346	-0.021567	-0.015697
	-0.072916	-0.035871	-0.041396	0.015143	-0.012537	-0.014600
	0.038022	0.002469	-0.017322	0.046776	0.039156	-0.007265
	-0.001355	0.055603	-0.003506	-0.005753	-0.013797	0.025068
	0.002282	0.015067	0.038711	-0.003155	0.000361	-0.006963
	-0.017525					
y79	-0.011224	0.012220	0.009935	0.000965	-0.042848	-0.018112
	0.058629	0.021592	-0.037676	-0.003793	-0.008968	-0.003621
	0.034681	-0.015336	-0.024012	-0.035694	0.044216	0.012223
	0.027136	0.009906	-0.020382	-0.032263	-0.005387	0.055929
	0.020893	0.005833	-0.047908	0.030757	0.058315	0.069202
	-0.039923					
z79	-0.007709	-0.060515	0.066166	-0.032274	0.036527	0.027289
	0.011532	0.019486	-0.025030	-0.048694	0.015823	-0.042468
	0.029010	0.039982	0.007893	0.010647	0.022650	0.049861
	-0.003297	-0.031051	-0.029489	-0.011841	-0.009117	-0.005064
	-0.024795	-0.030126	-0.045763	-0.035994	-0.033684	0.002021
	-0.014459					
x80	0.011038	0.009120	-0.043138	0.024627	-0.020836	-0.016942
	-0.063276	-0.045145	-0.033543	0.008425	-0.018555	-0.011820
	0.037253	0.004680	-0.018378	0.053703	0.046016	-0.023257
	-0.001775	0.045101	0.004056	-0.014617	-0.035909	0.027097
	0.012054	0.003855	0.009309	-0.017140	-0.026062	-0.047800
	0.003664					
y80	-0.003114	0.015342	0.019688	-0.002130	-0.040133	-0.014595
	0.058213	0.025654	-0.040958	-0.008076	-0.009052	-0.008997
	0.035476	-0.021755	-0.028394	-0.048096	0.041715	0.020229
	0.024697	0.026431	-0.037088	-0.036472	0.015643	0.055976
	0.006101	0.018777	-0.028059	0.046086	0.068126	0.076486
	-0.051464					
z80	-0.003315	-0.055532	0.070923	-0.032540	0.031880	0.023577
	0.007577	0.023933	-0.030401	-0.049018	0.014443	-0.037826
	0.036933	0.040612	0.018037	0.011363	0.028696	0.055593
	-0.005651	-0.024891	-0.016190	-0.001826	-0.011565	0.011652
	-0.011211	-0.039989	-0.030629	-0.036856	-0.043865	0.031902
	-0.015458					
x81	0.007288	0.011342	-0.050517	0.028664	-0.022377	-0.017260
	-0.049435	-0.042133	-0.027833	0.004302	-0.016893	-0.004350
	0.048003	0.010325	-0.016219	0.067665	0.057961	-0.048933
	-0.013765	0.046981	0.001455	-0.005579	-0.048874	0.017443
	-0.008865	-0.003063	0.004156	-0.034422	-0.032648	-0.028219
	-0.009789					

y81	0.003279	0.019152	0.031391	-0.002708	-0.033225	-0.005317
	0.054406	0.021529	-0.040310	-0.017860	-0.016631	-0.027100
	0.022433	-0.037351	-0.033342	-0.054185	0.025949	0.038987
	0.028133	0.037923	-0.038582	-0.050554	0.032663	0.070220
	0.013103	0.020177	0.002811	0.046297	0.066694	0.035329
	-0.024835					
z81	-0.001754	-0.047936	0.074172	-0.027019	0.027866	0.023529
	0.002820	0.025105	-0.033083	-0.051617	0.012440	-0.031537
	0.040748	0.037721	0.026439	0.014703	0.037276	0.055430
	-0.005379	-0.012255	0.008864	0.004867	-0.021540	0.025405
	0.006896	-0.047450	-0.016482	-0.039036	-0.043142	0.044337
	-0.005432					
x82	0.004191	0.015761	-0.054725	0.031328	-0.024682	-0.013606
	-0.032843	-0.033990	-0.021229	-0.005089	-0.015154	-0.002308
	0.047696	0.006780	-0.016332	0.077773	0.066295	-0.079290
	-0.037806	0.039406	-0.000375	-0.000060	-0.049304	0.016474
	-0.011674	0.014617	0.017257	-0.061768	-0.034491	0.010188
	-0.044363					
y82	0.010056	0.021103	0.039651	-0.002048	-0.026544	0.004686
	0.048941	0.009999	-0.037239	-0.021429	-0.024641	-0.035057
	0.017867	-0.040272	-0.039484	-0.052673	0.016871	0.054853
	0.037464	0.048418	-0.036078	-0.062731	0.034688	0.082542
	0.007843	0.001680	0.019265	0.040892	0.053267	-0.018289
	0.010245					
z82	-0.003990	-0.034580	0.072211	-0.017589	0.020210	0.024707
	0.001452	0.021367	-0.034148	-0.049826	0.009235	-0.013111
	0.045644	0.040571	0.037658	0.023322	0.064211	0.043176
	-0.006138	0.013143	0.034748	0.011786	-0.049575	0.042556
	0.025192	-0.048809	-0.013059	-0.043578	-0.050348	0.061717
	0.004454					
x83	0.002952	0.022854	-0.059426	0.031430	-0.017960	-0.008463
	-0.019286	-0.027084	-0.007996	-0.009900	-0.024788	-0.005144
	0.045323	0.016032	-0.019532	0.084160	0.051310	-0.085754
	-0.056085	0.046639	0.007100	0.007216	-0.065545	0.005161
	-0.025773	0.006991	0.015678	-0.073851	-0.038546	0.023145
	-0.043791					
y83	0.016589	0.019315	0.048503	-0.003008	-0.027677	0.013066
	0.051468	-0.000076	-0.037409	-0.029677	-0.028376	-0.037053
	0.017235	-0.051286	-0.045323	-0.046112	0.027927	0.050791
	0.047842	0.044722	-0.035103	-0.072035	0.043417	0.099312
	0.006473	-0.006887	0.042797	-0.000410	0.033065	-0.043252
	0.014238					

z83	-0.007060	-0.020765	0.065808	-0.006925	0.006638	0.021299
	0.005274	0.019828	-0.040834	-0.042268	0.006951	0.012519
	0.059829	0.042725	0.058802	0.034627	0.106011	0.021076
	-0.012451	0.047621	0.060293	0.013834	-0.074872	0.061510
	0.038740	-0.038453	-0.001504	-0.038991	-0.067238	0.095872
	0.012275					
x84	-0.036501	0.021051	0.040679	0.000576	0.017510	0.015517
	0.059663	-0.005373	-0.005500	-0.026269	-0.054146	-0.008322
	-0.056291	-0.080799	-0.020667	0.023603	-0.078159	0.014469
	-0.017042	-0.007761	-0.082745	-0.001476	-0.019290	0.005112
	-0.013220	0.063587	-0.101936	-0.105148	0.000934	0.000813
	-0.018938					
y84	0.011303	-0.021195	0.054882	0.022605	-0.022358	-0.013977
	-0.039340	0.028706	-0.000373	0.022187	-0.032424	0.000897
	-0.038087	-0.012816	0.010435	-0.025951	0.018875	-0.013650
	-0.008374	-0.020438	0.018535	0.023711	0.034718	0.004851
	0.071605	-0.052458	-0.012473	-0.005794	0.072986	-0.036444
	-0.001078					
z84	0.008076	0.055595	-0.071696	0.031066	0.097817	-0.022656
	0.002410	-0.004380	-0.057594	0.009941	0.041573	0.039644
	-0.036612	0.027067	-0.006317	0.090759	-0.099987	-0.010205
	0.008784	-0.068527	-0.038122	0.045635	-0.018229	0.046029
	-0.011444	0.052658	-0.011278	-0.018898	0.044244	0.015025
	-0.023287					
x85	-0.032673	0.016488	0.040732	-0.005239	0.014223	0.018089
	0.053318	-0.012442	-0.007537	-0.011456	-0.053300	-0.001474
	-0.037942	-0.066054	-0.034319	0.017485	-0.069110	0.037323
	-0.010810	-0.006740	-0.054243	-0.017809	-0.003799	-0.005613
	-0.013075	0.049107	-0.092991	-0.066775	-0.000537	-0.007635
	0.002885					
y85	0.011932	-0.022832	0.058674	0.028939	-0.009582	-0.015173
	-0.036120	0.033190	-0.002866	0.020021	-0.020667	-0.005252
	-0.041746	-0.012791	0.011621	0.004651	0.007490	-0.024252
	0.006873	-0.029998	0.009371	0.036230	0.032212	0.022288
	0.068941	-0.031732	-0.022554	-0.020118	0.081500	-0.003829
	-0.009527					
z85	0.011732	0.051821	-0.064446	0.021666	0.091501	-0.022949
	0.008052	-0.001638	-0.050074	0.005596	0.031369	0.034069
	-0.029458	0.027844	0.000882	0.073913	-0.084174	-0.009409
	0.001648	-0.058941	-0.037874	0.039088	-0.015424	0.045073
	-0.018883	0.045617	-0.010369	0.007563	0.023759	0.001054
	-0.014275					

x86	-0.029551	0.011438	0.041802	-0.010153	0.011580	0.019144
	0.048126	-0.014811	-0.006274	-0.003611	-0.047484	0.003420
	-0.020438	-0.043674	-0.043055	0.010562	-0.067669	0.058987
	-0.009487	-0.015045	-0.034798	-0.027664	0.003531	-0.004792
	-0.018249	0.045986	-0.088865	-0.034750	0.005073	-0.002087
	-0.000190					
y86	0.013952	-0.023443	0.061351	0.031330	0.001806	-0.015561
	-0.033293	0.033539	-0.007551	0.028403	-0.016301	-0.013807
	-0.045440	-0.016116	0.010126	0.036034	0.003465	-0.026280
	0.024940	-0.015449	0.002204	0.038030	0.028551	0.020390
	0.061187	-0.023976	-0.023513	-0.038511	0.076219	-0.000151
	0.002719					
z86	0.014818	0.050363	-0.058186	0.011450	0.078860	-0.020597
	0.013069	-0.003894	-0.042446	0.003489	0.021726	0.031565
	-0.027034	0.029679	0.005901	0.058327	-0.065028	-0.005303
	-0.004918	-0.047149	-0.033397	0.023862	-0.012047	0.042169
	-0.018970	0.036838	-0.023389	0.028297	0.013081	-0.001797
	-0.004927					
x87	-0.028788	0.007590	0.041890	-0.012681	0.006951	0.022033
	0.043571	-0.016106	-0.004763	0.001818	-0.049400	0.009882
	-0.015842	-0.023429	-0.050121	0.013400	-0.068086	0.070251
	-0.003516	-0.023727	-0.013957	-0.036575	0.013967	-0.003329
	-0.013250	0.032442	-0.094454	-0.020915	0.023340	-0.010926
	-0.009935					
y87	0.018596	-0.021672	0.066033	0.029446	0.014726	-0.018268
	-0.028692	0.033417	-0.012134	0.034528	-0.003375	-0.021374
	-0.034355	-0.017476	0.010233	0.042962	0.000977	-0.015636
	0.029131	-0.005643	-0.002525	0.044709	0.014426	0.011963
	0.036515	-0.010248	-0.004652	-0.046327	0.050162	0.000710
	0.014343					
z87	0.015785	0.051517	-0.053270	0.003942	0.063859	-0.018522
	0.015290	-0.007688	-0.035165	0.000341	0.014006	0.030780
	-0.026424	0.034686	0.008457	0.049143	-0.055822	0.001514
	-0.009364	-0.039059	-0.024036	0.011532	-0.007952	0.044053
	-0.015280	0.028736	-0.030800	0.036543	0.006505	-0.007445
	-0.007638					
x88	-0.027833	0.004570	0.043163	-0.015711	0.006642	0.020865
	0.039369	-0.013934	-0.001927	0.006558	-0.047503	0.008787
	-0.012676	-0.006212	-0.047903	0.016677	-0.071216	0.071574
	-0.000544	-0.034805	0.002260	-0.046351	0.019717	0.000325
	-0.024874	0.024109	-0.080355	-0.004919	0.040781	-0.014364
	-0.010082					

y88	0.021855	-0.020387	0.067896	0.028843	0.023025	-0.016539
	-0.020998	0.031865	-0.013954	0.041262	0.004422	-0.021496
	-0.026137	-0.015681	0.003031	0.038433	0.004352	0.007709
	0.031510	0.000354	-0.002773	0.060262	0.012636	0.007407
	0.033815	0.001445	0.002524	-0.056379	0.019614	-0.005828
	0.014657					
z88	0.015184	0.054141	-0.049188	-0.003911	0.049888	-0.016423
	0.016944	-0.011734	-0.027626	-0.001220	0.011717	0.029370
	-0.027665	0.037539	0.012018	0.037796	-0.046751	0.004048
	-0.014312	-0.030369	-0.016469	-0.002515	-0.000722	0.045407
	-0.014603	0.023129	-0.037623	0.045674	0.001282	-0.010766
	-0.004011					
x89	-0.027337	0.003995	0.042199	-0.017303	0.009431	0.022938
	0.034283	-0.014437	-0.002864	0.018262	-0.043814	0.011771
	-0.007428	0.007818	-0.056970	0.006144	-0.067697	0.089317
	0.002935	-0.036927	0.003610	-0.045610	0.019627	0.004220
	-0.032435	0.022155	-0.085016	-0.004977	0.039048	-0.014912
	-0.029705					
y89	0.025529	-0.021236	0.069881	0.028174	0.027381	-0.019277
	-0.017697	0.031375	-0.014027	0.039339	0.004487	-0.027773
	-0.021456	-0.010988	0.006511	0.047462	0.002087	0.004585
	0.031698	-0.003360	0.003526	0.063638	0.008797	0.011466
	0.024539	0.007264	0.003403	-0.058327	0.000186	-0.004575
	0.035500					
z89	0.013327	0.058325	-0.046085	-0.009835	0.037605	-0.013505
	0.016877	-0.016355	-0.022486	0.000888	0.012660	0.030964
	-0.026560	0.038504	0.011068	0.021335	-0.037798	0.012438
	-0.018703	-0.020482	-0.012725	-0.010744	0.002756	0.042862
	-0.012052	0.022707	-0.049869	0.051142	-0.004822	-0.011620
	-0.008978					
x90	-0.025344	0.002179	0.041370	-0.017207	0.011193	0.021534
	0.029421	-0.015490	0.005177	0.027610	-0.037902	0.009098
	-0.000278	0.024620	-0.056777	-0.004572	-0.070961	0.089100
	-0.001988	-0.046247	0.013509	-0.038682	0.012366	0.014501
	-0.023148	0.020972	-0.086739	-0.000236	0.034918	-0.014936
	-0.043548					
y90	0.027595	-0.018670	0.071811	0.027004	0.033125	-0.018751
	-0.013833	0.029556	-0.019468	0.035466	0.005205	-0.023647
	-0.020056	-0.013622	0.005205	0.050772	0.008346	-0.000194
	0.037380	0.012377	-0.010998	0.065394	0.002612	0.003897
	-0.001042	0.013349	0.002527	-0.056426	-0.003119	-0.010972
	0.048633					

z90	0.012269	0.061697	-0.043239	-0.013275	0.024205	-0.011163
	0.015336	-0.022132	-0.015151	0.004073	0.011724	0.028510
	-0.022350	0.043074	0.014461	0.008715	-0.036160	0.022950
	-0.026005	-0.022054	0.003422	-0.016241	0.005790	0.041405
	-0.001679	0.023152	-0.067809	0.051495	-0.019228	-0.003115
	-0.021617					
x91	-0.023039	-0.000027	0.041709	-0.015109	0.012274	0.020729
	0.022702	-0.016966	0.016509	0.030336	-0.029290	0.007713
	0.007217	0.038244	-0.050800	-0.020476	-0.069288	0.075429
	0.001005	-0.054213	0.004981	-0.022801	-0.005025	0.019047
	-0.017872	0.026760	-0.086779	0.000006	0.039641	-0.012227
	-0.064141					
y91	0.029255	-0.013807	0.069741	0.023045	0.040676	-0.018289
	-0.009632	0.022988	-0.023891	0.040984	0.006620	-0.025733
	-0.017444	-0.016465	0.000500	0.047845	0.012162	0.005739
	0.029922	0.019232	-0.009362	0.049893	0.003613	-0.013329
	0.003164	0.009271	-0.002967	-0.054010	-0.020730	-0.027431
	0.051627					
z91	0.009850	0.063413	-0.037635	-0.014770	0.006824	-0.009679
	0.009192	-0.025212	-0.002715	-0.002306	0.015086	0.030314
	-0.017179	0.044912	0.015325	-0.007132	-0.028165	0.006281
	-0.023054	-0.026047	0.004497	-0.003122	-0.005137	0.031357
	0.005578	0.025020	-0.070486	0.057021	-0.010633	0.012150
	-0.026839					
x92	-0.022342	-0.000889	0.040410	-0.015299	0.016176	0.022274
	0.016825	-0.019593	0.019963	0.033282	-0.026440	0.009732
	0.010919	0.041480	-0.055084	-0.040775	-0.051705	0.065594
	0.002028	-0.040974	-0.006852	-0.012735	-0.019636	0.023851
	-0.006876	0.031066	-0.088845	-0.010364	0.034079	-0.018618
	-0.064449					
y92	0.031119	-0.009317	0.067485	0.023198	0.046439	-0.016886
	-0.003774	0.015126	-0.022719	0.045128	0.011715	-0.028463
	-0.010935	-0.011093	0.005481	0.041586	-0.004709	0.008892
	0.022747	0.019272	-0.013171	0.048742	0.003695	-0.021034
	0.003492	-0.001170	-0.026391	-0.060754	-0.037262	-0.044423
	0.029093					
z92	0.005938	0.067060	-0.032247	-0.020662	-0.008437	-0.007438
	0.005382	-0.025080	0.004749	-0.008201	0.013679	0.033200
	-0.018603	0.033810	0.010189	-0.018978	-0.009503	-0.003699
	-0.024705	-0.014033	0.003087	-0.003155	-0.009356	0.029053
	0.010747	0.032189	-0.052653	0.059041	-0.009282	0.019935
	-0.003109					

x93	-0.022759	-0.003818	0.038689	-0.014576	0.019357	0.019088
	0.015196	-0.016390	0.024842	0.033090	-0.018356	0.001378
	0.013846	0.033630	-0.041613	-0.054041	-0.046459	0.045412
	0.002627	-0.025835	-0.009493	-0.008586	-0.015278	0.028154
	-0.000288	0.044273	-0.068165	-0.015998	0.041073	-0.039422
	-0.023268					
y93	0.030585	-0.002218	0.067682	0.021878	0.051651	-0.015488
	0.000185	0.012197	-0.019019	0.042179	0.013884	-0.032141
	-0.008978	-0.007794	0.009173	0.043232	-0.012210	0.002603
	0.017707	0.017749	-0.023560	0.040688	-0.000320	-0.021364
	-0.009763	0.001452	-0.014876	-0.050489	-0.030788	-0.024479
	0.009179					
z93	0.003428	0.069220	-0.029220	-0.025516	-0.024921	-0.006398
	0.003811	-0.027427	0.012838	-0.011398	0.014963	0.034822
	-0.017677	0.024661	0.012978	-0.029978	-0.006495	-0.011556
	-0.027762	-0.002856	0.010270	-0.001792	-0.004028	0.022505
	0.023218	0.033866	-0.045163	0.050168	-0.015640	-0.003418
	0.036663					
x94	-0.022038	-0.006848	0.041298	-0.016154	0.015763	0.018803
	0.013808	-0.013444	0.025453	0.030679	-0.010067	-0.000369
	0.011590	0.026705	-0.022856	-0.058838	-0.046584	0.025923
	0.008562	-0.012737	0.009079	-0.009638	-0.013044	0.037759
	0.004155	0.036837	-0.052370	-0.021425	0.047542	-0.044429
	0.022518					
y94	0.026594	-0.000003	0.069903	0.017946	0.052917	-0.016582
	0.005893	0.019337	-0.016343	0.036639	0.017739	-0.041459
	-0.007143	-0.010761	0.003830	0.038720	-0.023568	0.001403
	0.018200	0.012467	-0.024981	0.039717	-0.000687	-0.030445
	-0.012924	0.008626	0.017800	-0.050027	-0.021898	0.013984
	0.003869					
z94	0.002961	0.074138	-0.025903	-0.029252	-0.040050	-0.004625
	0.000111	-0.034925	0.021356	-0.012678	0.017098	0.037181
	-0.017412	0.019114	0.023329	-0.033012	-0.000242	-0.023371
	-0.034335	0.007927	0.017712	-0.008192	0.005254	0.027341
	0.018442	0.027318	-0.047810	0.046014	-0.016967	-0.025442
	0.059021					
x95	-0.020839	-0.009607	0.043608	-0.017742	0.013299	0.021501
	0.008130	-0.011341	0.028281	0.026145	-0.008768	0.003514
	0.009411	0.025563	-0.017800	-0.068056	-0.048729	0.022131
	0.020020	-0.006187	0.010502	-0.004994	-0.016055	0.042121
	0.005876	0.030983	-0.036143	-0.043008	0.053552	-0.032438
	0.030259					

y95	0.024600	0.002253	0.068931	0.015237	0.053323	-0.015923
	0.012022	0.014850	-0.017860	0.034462	0.019479	-0.045686
	-0.004554	-0.005829	0.005377	0.033082	-0.029189	-0.012477
	0.008238	0.018250	-0.013110	0.038729	-0.004342	-0.034706
	0.006613	-0.009879	0.001723	-0.039353	-0.035385	-0.002005
	0.021095					
z95	0.000813	0.079086	-0.021024	-0.031791	-0.054496	-0.003332
	-0.004207	-0.035660	0.032564	-0.017767	0.014383	0.037024
	-0.018427	0.009347	0.022344	-0.033031	-0.000266	-0.018619
	-0.029343	0.009898	0.020903	-0.016534	0.012589	0.031173
	0.001205	0.037597	-0.021606	0.032600	0.001115	-0.004611
	0.048715					
x96	-0.019172	-0.015143	0.043870	-0.016249	0.011546	0.020386
	0.000971	-0.009861	0.028731	0.023748	-0.009716	0.003144
	0.014179	0.028992	-0.010465	-0.076915	-0.051173	0.019454
	0.028633	-0.004256	0.021507	0.003461	-0.013803	0.035535
	0.008244	0.022612	-0.029040	-0.050993	0.053085	-0.020899
	0.029978					
y96	0.024620	0.007228	0.068869	0.011023	0.052481	-0.013208
	0.016458	0.009621	-0.016757	0.030942	0.019225	-0.046323
	-0.003200	-0.002683	0.006861	0.027286	-0.033121	-0.019689
	0.001985	0.021895	-0.002336	0.036086	-0.009044	-0.036857
	0.016610	-0.012926	-0.011106	-0.036576	-0.024129	0.003070
	0.023620					
z96	-0.002918	0.080965	-0.019333	-0.029614	-0.068237	-0.003782
	-0.009109	-0.037551	0.040731	-0.019556	0.014322	0.033115
	-0.013817	0.004130	0.019795	-0.033574	-0.004416	-0.015879
	-0.025774	0.011062	0.024051	-0.021716	0.022045	0.022964
	-0.007231	0.033573	0.005752	0.033139	-0.014136	-0.007660
	0.049215					
x97	-0.015301	-0.020269	0.043967	-0.015440	0.010619	0.021249
	-0.003706	-0.017487	0.029601	0.026212	-0.006878	0.004818
	0.018285	0.031421	0.005596	-0.085961	-0.045904	0.009353
	0.030569	-0.005475	0.033007	0.008973	-0.011731	0.029282
	0.027716	0.008307	-0.055747	-0.045587	0.052599	-0.019327
	0.049075					
y97	0.021442	0.012547	0.065961	0.006277	0.049271	-0.009431
	0.018499	0.004543	-0.014883	0.025939	0.021010	-0.046942
	-0.000131	-0.001514	0.000183	0.018506	-0.035326	-0.020340
	-0.003336	0.024149	0.003799	0.033393	-0.009542	-0.040271
	0.023063	-0.015880	-0.005166	-0.034727	-0.019503	0.001189
	0.018395					

z97	-0.000921	0.082174	-0.013067	-0.026539	-0.078580	-0.002495
	-0.008330	-0.042250	0.048127	-0.015405	0.017352	0.031362
	-0.010854	-0.003504	0.031786	-0.035294	-0.006371	-0.021095
	-0.024997	0.014822	0.028859	-0.027376	0.025051	0.017604
	-0.006257	0.034041	-0.010488	0.033291	-0.020237	0.010973
	0.063131					
x98	-0.012590	-0.025247	0.043203	-0.015308	0.009761	0.022483
	-0.011208	-0.024163	0.028042	0.025343	-0.009834	0.007151
	0.021277	0.034088	0.013598	-0.094388	-0.039425	0.000394
	0.030546	-0.004079	0.038527	0.014956	-0.012480	0.017706
	0.032387	-0.006657	-0.069778	-0.044479	0.051423	-0.013321
	0.054192					
y98	0.018934	0.018140	0.062570	0.002598	0.045121	-0.005766
	0.021262	-0.002547	-0.010662	0.022408	0.024983	-0.046420
	0.003196	0.000815	-0.000091	0.016151	-0.036948	-0.021959
	-0.008607	0.017305	0.009466	0.029067	-0.009357	-0.042580
	0.032398	-0.016147	-0.005099	-0.024402	-0.013687	-0.003388
	0.021965					
z98	0.000506	0.083724	-0.006717	-0.026161	-0.085414	0.000300
	-0.012427	-0.044954	0.050742	-0.017117	0.012012	0.028680
	-0.008182	-0.009653	0.029697	-0.042795	-0.004917	-0.026694
	-0.022024	0.036274	0.029277	-0.031202	0.016482	0.008121
	-0.018897	0.030436	-0.009199	0.022526	-0.023018	0.032045
	0.046925					
x99	-0.010950	-0.030430	0.041301	-0.014861	0.012410	0.019343
	-0.020281	-0.022097	0.026901	0.022322	-0.014438	0.005413
	0.027104	0.037838	0.027337	-0.092266	-0.041304	0.000254
	0.035486	-0.008467	0.035665	0.019656	-0.005751	0.006582
	0.011471	-0.004481	-0.045103	-0.046271	0.060868	0.012134
	0.036046					
y99	0.017713	0.023906	0.059795	-0.000791	0.039687	-0.002339
	0.026553	-0.007503	-0.006245	0.019949	0.026342	-0.047319
	0.003702	-0.001306	-0.003134	0.013470	-0.042613	-0.025114
	-0.017720	0.016080	0.018877	0.023385	-0.007355	-0.043259
	0.034395	-0.014629	-0.007335	-0.021722	-0.011925	0.002052
	0.028334					
z99	-0.003422	0.083732	-0.003186	-0.026286	-0.089339	-0.000777
	-0.020533	-0.041921	0.051454	-0.022857	0.012867	0.018976
	0.002520	-0.005275	0.033665	-0.041693	-0.006302	-0.020590
	-0.004486	0.037624	0.024168	-0.031154	0.012057	0.003141
	-0.030590	0.035751	0.038516	0.019486	-0.007196	0.047012
	0.004955					

x100	-0.008403	-0.031838	0.036611	-0.014541	0.014451	0.019958
	-0.025821	-0.030589	0.024900	0.023379	-0.020698	0.009085
	0.027831	0.033464	0.042301	-0.090696	-0.040659	0.001587
	0.034218	-0.004263	0.026144	0.019968	0.008624	0.004625
	0.004258	0.000811	-0.043658	-0.040491	0.050246	0.003071
	0.051440					
y100	0.017004	0.030320	0.056975	-0.004656	0.033705	0.001772
	0.030772	-0.015685	-0.000220	0.015997	0.027177	-0.046600
	0.006035	-0.001087	-0.005342	0.011049	-0.046463	-0.029075
	-0.025143	0.016287	0.023874	0.014429	-0.008282	-0.042702
	0.038477	-0.016805	-0.003917	-0.016736	-0.009410	0.002692
	0.026045					
z100	-0.006402	0.085184	-0.001573	-0.025490	-0.093746	0.004184
	-0.025891	-0.044904	0.050286	-0.022003	0.012381	0.016607
	0.001464	-0.014385	0.038329	-0.041336	-0.000139	-0.011092
	0.005556	0.046987	0.019955	-0.029845	0.010698	0.004220
	-0.036788	0.050035	0.035830	0.024135	-0.019076	0.025006
	0.022518					
x101	-0.005705	-0.033579	0.033817	-0.014748	0.014609	0.020360
	-0.030833	-0.037921	0.027305	0.023899	-0.024060	0.010012
	0.029907	0.024642	0.053114	-0.087973	-0.041580	0.003837
	0.033656	-0.003801	0.006227	0.019272	0.030398	0.000337
	-0.001805	-0.015655	-0.041489	-0.036815	0.036132	-0.000033
	0.050024					
y101	0.015726	0.037799	0.052856	-0.007152	0.026017	0.005065
	0.034521	-0.024504	0.006453	0.011471	0.028194	-0.045962
	0.009160	-0.000315	-0.006209	0.007172	-0.048287	-0.032311
	-0.029710	0.019505	0.024760	0.005792	-0.008989	-0.039326
	0.039264	-0.012548	0.000285	-0.010475	-0.007367	0.002323
	0.023204					
z101	-0.006051	0.082953	0.007023	-0.027544	-0.096622	0.012362
	-0.026969	-0.047939	0.055747	-0.019550	0.017913	0.011248
	-0.001348	-0.026583	0.035608	-0.037237	-0.003285	-0.010861
	0.011806	0.058109	0.021539	-0.030193	0.014858	0.007541
	-0.025328	0.008820	0.009968	0.020362	-0.029335	0.013388
	0.008789					
x102	-0.007802	-0.034415	0.026401	-0.011336	0.014564	0.017172
	-0.041355	-0.046267	0.027052	0.022881	-0.030794	0.010510
	0.037681	0.013147	0.056720	-0.077423	-0.034797	0.009303
	0.033427	-0.026545	-0.005179	0.020220	0.057215	-0.007505
	-0.010917	-0.016665	-0.027662	-0.016825	0.006913	-0.017635
	0.047897					

y102	0.015584	0.043997	0.048150	-0.009164	0.017368	0.009363
	0.037878	-0.033345	0.011416	0.006092	0.029127	-0.042550
	0.013670	-0.000308	-0.008611	0.004115	-0.048631	-0.038793
	-0.032849	0.017572	0.025660	-0.000720	-0.013511	-0.037871
	0.040789	-0.011854	0.005742	-0.000280	-0.003681	-0.004384
	0.027044					
z102	-0.009814	0.079472	0.011175	-0.024361	-0.096082	0.017421
	-0.030204	-0.051185	0.056734	-0.026078	0.029063	-0.002569
	-0.005800	-0.034643	0.033541	-0.036783	0.007837	-0.025984
	0.010721	0.053260	0.027704	-0.030173	-0.003741	0.008236
	0.000042	0.003265	0.013641	0.009336	-0.025982	0.008387
	-0.000274					
x103	-0.010268	-0.033337	0.021758	-0.011110	0.014804	0.012065
	-0.041269	-0.040177	0.025094	0.017355	-0.026664	0.002375
	0.049515	0.007632	0.058842	-0.056360	-0.051035	0.000743
	0.020948	-0.038808	0.009158	0.023117	0.068961	0.010293
	-0.024876	-0.024549	0.011167	-0.004988	-0.000114	-0.025180
	0.047569					
y103	0.014966	0.048994	0.042116	-0.012666	0.006568	0.013128
	0.042902	-0.038232	0.016087	-0.000205	0.026855	-0.038877
	0.017860	-0.000699	-0.013488	0.000713	-0.046959	-0.040587
	-0.037409	0.012869	0.019296	-0.006468	-0.014418	-0.034194
	0.034105	-0.006655	0.012562	0.001153	-0.004837	0.002102
	0.016535					
z103	-0.014745	0.067329	0.017506	-0.024371	-0.087210	0.024497
	-0.031340	-0.041639	0.055073	-0.041141	0.033674	-0.025190
	-0.011467	-0.048672	0.030373	-0.030409	0.000693	-0.016541
	0.012780	0.056475	0.025570	-0.029842	-0.008019	0.003892
	0.011223	0.003889	0.024956	-0.001779	0.003097	-0.017359
	0.009271					
x104	-0.009078	-0.028778	0.016025	-0.009974	0.012900	0.008346
	-0.039863	-0.041253	0.024482	0.011548	-0.024088	-0.000715
	0.056537	0.006504	0.071610	-0.037020	-0.055801	-0.013609
	0.004391	-0.039926	0.010102	0.018427	0.072043	0.027055
	-0.024602	-0.022111	0.034954	0.007901	0.004735	-0.023942
	0.039407					
y104	0.015062	0.054019	0.036800	-0.014292	-0.003076	0.018834
	0.046332	-0.046643	0.016631	-0.004406	0.021910	-0.030026
	0.021067	-0.000405	-0.015331	0.001611	-0.042577	-0.040574
	-0.042034	0.007379	0.012732	-0.010467	-0.014623	-0.031290
	0.033706	-0.005449	0.010850	0.010341	-0.003979	-0.006535
	0.001522					

z104	-0.014154	0.057547	0.022084	-0.023594	-0.081106	0.026177
	-0.026449	-0.037093	0.046836	-0.041234	0.030701	-0.018074
	-0.013193	-0.043905	0.039877	-0.013243	-0.000698	-0.018141
	0.005038	0.040613	0.015113	-0.030038	-0.011478	0.001760
	0.006164	0.005959	0.024566	0.007373	0.001169	-0.032284
	-0.008112					
x105	-0.007125	-0.025705	0.009429	-0.011062	0.010588	0.006358
	-0.038490	-0.038963	0.022141	0.005032	-0.021516	0.002185
	0.063216	0.005241	0.064523	-0.026972	-0.049686	-0.024031
	-0.009469	-0.039204	0.004872	0.022160	0.070093	0.035750
	-0.007767	-0.031837	0.044986	0.010464	-0.006108	-0.002219
	0.028993					
y105	0.016234	0.058183	0.033660	-0.013594	-0.005436	0.025108
	0.046396	-0.052969	0.018443	-0.010964	0.018664	-0.021141
	0.025481	-0.001035	-0.021600	-0.002676	-0.042965	-0.037750
	-0.045156	0.009217	0.008643	-0.004921	-0.019601	-0.037856
	0.037274	-0.014207	0.013636	0.022459	0.001831	-0.004357
	-0.000564					
z105	-0.011765	0.045903	0.029674	-0.020719	-0.063606	0.032048
	-0.026983	-0.029166	0.039580	-0.047687	0.033086	-0.012782
	-0.007717	-0.044626	0.035578	-0.012316	-0.008606	-0.012560
	-0.001563	0.037556	0.011154	-0.010922	-0.025428	-0.019340
	0.021319	-0.015511	0.029449	0.009979	0.002603	-0.017968
	-0.002090					
x106	-0.009282	-0.022319	0.002456	-0.009275	0.008226	0.004996
	-0.037771	-0.037137	0.018545	-0.000714	-0.023083	0.010210
	0.066005	-0.004156	0.041386	-0.023270	-0.035869	-0.027912
	-0.023047	-0.017068	-0.006343	0.031344	0.066541	0.035235
	0.008691	-0.022454	0.047664	0.010151	-0.004751	0.003239
	0.013597					
y106	0.013708	0.061288	0.032133	-0.014384	-0.009071	0.032572
	0.047482	-0.055582	0.017648	-0.018719	0.012507	-0.009675
	0.026743	-0.010795	-0.041072	-0.014162	-0.035122	-0.030476
	-0.050480	0.019503	0.000612	0.001134	-0.017531	-0.046744
	0.036432	-0.007067	0.019540	0.013389	0.021341	0.002214
	-0.011032					
z106	-0.013181	0.035076	0.037574	-0.017951	-0.050647	0.035529
	-0.025381	-0.019313	0.034549	-0.054470	0.034302	-0.004688
	-0.004035	-0.049073	0.026654	-0.013841	-0.007599	-0.007397
	-0.013934	0.037390	0.006206	0.003226	-0.032984	-0.040575
	0.023513	0.001709	0.026167	0.002610	0.029054	-0.001059
	-0.014109					

x107	-0.007186	-0.018576	-0.003358	-0.007920	0.004492	0.000035
	-0.034314	-0.035460	0.018395	-0.004716	-0.023527	0.013073
	0.069781	0.003990	0.034544	-0.008415	-0.026348	-0.037016
	-0.028670	-0.025364	-0.011362	0.030279	0.057579	0.036785
	0.026634	-0.025756	0.047743	0.018334	-0.003279	0.003447
	-0.000956					
y107	0.013192	0.063059	0.030166	-0.019407	-0.013138	0.033631
	0.052234	-0.055985	0.020131	-0.021955	0.004637	-0.005221
	0.030495	-0.004531	-0.043696	-0.021886	-0.030154	-0.029838
	-0.054032	-0.004040	-0.004257	0.000558	-0.012823	-0.044906
	0.030359	-0.012965	0.032992	0.016036	0.035224	0.010047
	-0.015560					
z107	-0.013583	0.025220	0.045204	-0.018991	-0.038516	0.034468
	-0.021632	-0.006664	0.031254	-0.055540	0.030372	-0.001771
	-0.001872	-0.040998	0.023232	-0.019907	-0.003941	-0.007822
	-0.017082	0.011935	0.004799	0.011905	-0.031241	-0.045945
	0.024848	-0.007036	0.029872	-0.000204	0.041586	0.015355
	-0.006313					
x108	-0.004001	-0.014523	-0.012798	-0.009506	-0.000866	-0.003846
	-0.024817	-0.027678	0.021753	-0.006143	-0.027466	0.013766
	0.066810	0.012345	0.032629	0.023114	-0.020750	-0.043337
	-0.036031	-0.032687	-0.014093	0.004428	0.047166	0.040399
	0.027485	-0.034782	0.049489	0.003343	-0.014794	-0.004484
	0.001356					
y108	0.014851	0.061029	0.020622	-0.024678	-0.018154	0.034539
	0.059700	-0.047238	0.022670	-0.023239	-0.000254	-0.006867
	0.026413	-0.011185	-0.038203	-0.004001	-0.025988	-0.038500
	-0.059309	-0.019253	-0.012595	-0.018385	-0.031174	-0.032635
	-0.013348	-0.032143	0.024764	-0.003699	0.009021	-0.001890
	-0.025427					
z108	-0.013597	0.017221	0.048176	-0.021934	-0.026113	0.033021
	-0.012659	0.010739	0.027459	-0.059728	0.024121	-0.003760
	-0.006360	-0.044678	0.032278	-0.000113	-0.012599	-0.008059
	-0.024483	0.008963	0.004666	-0.007453	-0.035438	-0.032524
	0.011506	-0.028172	0.041240	-0.029559	0.028895	-0.013553
	0.023123					
x109	-0.003263	-0.009397	-0.022765	-0.005555	-0.005093	-0.009189
	-0.015493	-0.027018	0.022485	-0.007039	-0.034852	0.020730
	0.063969	0.028118	0.026069	0.047916	-0.010932	-0.037830
	-0.040433	-0.024646	-0.019987	-0.007024	0.034447	0.037944
	0.038583	-0.036606	0.035080	-0.001027	-0.016681	-0.018005
	-0.000463					

y109	0.014738	0.060429	0.017974	-0.028915	-0.016117	0.036594
	0.068339	-0.050115	0.018146	-0.027939	-0.013370	0.006543
	0.027271	-0.006170	-0.032977	0.002154	-0.027561	-0.029091
	-0.060766	-0.012118	-0.029040	-0.013337	-0.021538	-0.007304
	-0.030561	-0.048365	0.018875	-0.002155	-0.000248	-0.003726
	-0.025765					
z109	-0.015053	0.009762	0.049701	-0.019947	-0.014298	0.031645
	-0.004898	0.018712	0.021582	-0.061461	0.014418	0.008074
	-0.006909	-0.037591	0.033407	0.014875	-0.008670	-0.002219
	-0.027294	0.022348	0.001769	-0.014145	-0.030723	-0.015226
	0.008531	-0.044449	0.029851	-0.038302	0.015300	-0.022236
	0.047741					
x110	-0.001683	-0.007436	-0.029791	0.005844	-0.011684	-0.014498
	-0.016662	-0.027774	0.027511	-0.007133	-0.032831	0.017471
	0.066955	0.043851	0.013420	0.054168	0.005342	-0.042373
	-0.031576	-0.026931	-0.017492	0.003108	-0.004588	-0.002407
	0.050385	-0.028787	0.007029	0.012590	0.008377	-0.001611
	-0.040549					
y110	0.019017	0.054706	0.019024	-0.026188	-0.015486	0.038860
	0.060109	-0.053678	0.011915	-0.027759	-0.013919	0.005040
	0.032773	-0.005177	-0.038486	-0.014225	-0.013788	-0.023448
	-0.054097	-0.017980	-0.021459	0.015112	-0.027597	-0.016309
	-0.039748	-0.042439	-0.002850	0.025992	0.020908	0.039986
	-0.081803					
z110	-0.014817	0.003239	0.048299	-0.012833	-0.007745	0.027069
	-0.004037	0.026093	0.017028	-0.057591	0.008353	0.013602
	-0.006156	-0.032009	0.028179	0.023147	0.005487	-0.004079
	-0.023702	0.031557	0.008043	-0.022387	-0.033019	-0.014287
	0.008387	-0.045458	0.018283	-0.040293	0.009549	-0.016886
	0.043701					
x111	-0.003125	-0.002797	-0.047845	0.014688	-0.023907	-0.014481
	-0.011847	-0.021717	0.047137	-0.011720	-0.032819	0.010454
	0.044164	0.039071	0.005859	0.084329	0.011979	-0.049940
	-0.024021	-0.015375	-0.020662	-0.008454	-0.050005	-0.029068
	0.037853	-0.013012	-0.004100	0.003763	0.024452	-0.000078
	-0.026024					
y111	0.021442	0.045934	0.015241	-0.022363	-0.009360	0.038270
	0.058816	-0.059453	0.000162	-0.021102	-0.007856	0.003176
	0.035912	0.001594	-0.027636	-0.009993	-0.008882	-0.009979
	-0.074502	-0.011647	-0.003097	0.027229	-0.018415	0.010544
	-0.035748	-0.026414	-0.030929	0.036950	0.047512	0.072501
	-0.106676					

z111	-0.016257	-0.000207	0.047478	-0.003496	-0.001758	0.020173
	-0.002299	0.028724	0.009058	-0.049254	0.002464	0.024769
	0.005944	-0.018448	0.020521	0.018717	0.014674	-0.005780
	-0.022417	0.036651	0.013801	-0.028001	-0.032413	-0.021684
	0.026062	-0.039463	0.012019	-0.043284	-0.003966	-0.005901
	0.029686					
x112	-0.017544	0.015270	-0.056499	0.008729	-0.041835	-0.001249
	0.005799	-0.002993	0.045155	-0.028340	-0.036642	0.008333
	0.010013	0.043049	-0.020494	0.071564	0.013275	-0.043544
	-0.017295	0.018537	-0.017564	-0.005754	-0.040408	-0.062966
	-0.011497	-0.024456	-0.003322	0.011368	0.008095	-0.020752
	-0.006518					
y112	0.020290	0.036401	0.016019	-0.015796	-0.000912	0.027357
	0.047278	-0.059657	-0.012980	-0.016843	0.006350	0.010070
	0.011999	-0.008890	-0.003234	-0.008991	0.004185	0.005328
	-0.085246	0.017814	-0.005577	0.044505	0.000998	0.026987
	-0.019708	-0.003965	0.003081	0.057351	0.066133	0.089196
	-0.015630					
z112	-0.022471	-0.005164	0.037463	0.015840	0.001150	0.009561
	-0.003491	0.041463	-0.003819	-0.033428	-0.006630	0.040208
	0.007185	-0.014821	-0.004248	0.009202	0.009895	-0.035714
	-0.022535	0.036590	0.032399	-0.060186	-0.012332	-0.037065
	0.007922	-0.023530	0.000601	-0.033906	-0.027963	-0.003176
	0.006802					
x113	-0.030732	0.026484	-0.054613	0.007094	-0.048232	0.008935
	0.022788	0.009499	0.033014	-0.043350	-0.047319	0.015503
	0.002155	0.064951	-0.037455	0.048095	0.008785	0.004879
	-0.018809	0.049650	-0.018215	0.007736	-0.029196	-0.077281
	-0.030341	-0.046454	-0.019916	0.011066	-0.026892	-0.043774
	-0.041044					
y113	0.018072	0.026195	0.016809	-0.007097	0.004111	0.023888
	0.037558	-0.047476	-0.035288	-0.015183	0.019562	0.035299
	0.009407	-0.005945	-0.001711	-0.019624	0.005808	0.036096
	-0.095626	0.029491	-0.035323	0.070581	0.023338	0.032138
	-0.019574	-0.004453	0.041909	0.049056	0.055645	0.086151
	-0.017387					
z113	-0.027582	-0.009864	0.030093	0.034101	0.003304	-0.003563
	-0.005333	0.056009	-0.016045	-0.016326	-0.019444	0.054867
	0.004269	-0.010995	-0.021409	-0.003794	-0.002835	-0.058304
	-0.015094	0.021478	0.044918	-0.093846	0.006057	-0.057112
	-0.008163	-0.009795	-0.014499	-0.020471	-0.040853	-0.009242
	-0.018370					

x114	-0.037638	0.040909	-0.055794	0.008448	-0.056479	0.019100
	0.034973	-0.009266	0.034575	-0.062660	-0.066242	0.024520
	-0.013973	0.093927	-0.037359	0.045808	0.011775	0.037602
	-0.019536	0.078684	0.004160	0.011497	-0.042277	-0.076477
	-0.008997	-0.093958	-0.087170	0.031821	-0.058641	-0.101284
	-0.020429					
y114	0.021524	0.024601	0.008057	-0.001668	0.001079	0.013469
	0.033461	-0.062791	-0.033472	-0.016798	0.013833	0.061354
	-0.000740	0.018823	0.017913	0.015152	0.004618	0.053120
	-0.096291	0.028435	-0.025448	0.072032	0.012205	0.054616
	-0.017476	-0.020665	0.017313	0.054624	0.032143	0.043523
	0.025528					
z114	-0.031171	-0.013870	0.025661	0.047458	0.005962	-0.007449
	-0.007962	0.070198	-0.031405	-0.001550	-0.029266	0.067322
	-0.002436	-0.019241	-0.040801	-0.028056	-0.006590	-0.077677
	-0.010413	0.016934	0.046610	-0.114934	0.023225	-0.074451
	-0.008925	-0.007363	-0.036555	-0.005368	-0.050496	-0.024214
	-0.034304					
x115	-0.049334	0.046153	-0.049162	0.013521	-0.060461	0.018990
	0.040288	-0.001841	0.034907	-0.078351	-0.079017	0.000225
	-0.029673	0.106516	-0.034190	0.038101	0.012075	0.078805
	-0.013946	0.082145	0.017852	0.014667	-0.039509	-0.071379
	-0.021893	-0.101517	-0.087459	0.026827	-0.058396	-0.076206
	-0.026178					
y115	0.017121	0.016726	0.004198	0.003701	-0.009705	0.002097
	0.023613	-0.047482	-0.034599	-0.012044	0.005613	0.064426
	-0.001838	0.029313	0.029216	0.032097	0.011670	0.070386
	-0.080691	0.014970	-0.025850	0.068805	0.008251	0.067983
	-0.032737	0.001189	0.032231	0.020557	0.036746	0.064622
	0.036342					
z115	-0.032511	-0.014442	0.022635	0.055798	0.011654	-0.011443
	-0.011147	0.082663	-0.044165	0.002787	-0.038585	0.074902
	-0.019160	-0.032349	-0.052653	-0.047695	-0.015733	-0.082359
	-0.012390	0.020232	0.049448	-0.113209	0.033387	-0.096010
	-0.007370	-0.020346	-0.045280	0.026591	-0.053504	-0.025304
	-0.058051					
x116	-0.060681	0.044229	-0.039371	0.021063	-0.054736	0.011793
	0.037945	0.016715	0.034287	-0.092324	-0.075042	-0.038189
	-0.045900	0.101956	-0.031690	0.020478	0.005904	0.110277
	-0.006419	0.077452	0.018209	0.014081	-0.016941	-0.074962
	-0.055623	-0.070294	-0.039295	0.015411	-0.059486	-0.015454
	-0.038090					

y116	0.012889	0.008634	0.002684	0.008737	-0.017379	-0.002863
	0.011601	-0.035155	-0.033137	-0.007401	0.000329	0.067010
	-0.003833	0.023353	0.028639	0.027506	0.018663	0.078160
	-0.062930	0.026594	-0.028127	0.054578	0.016826	0.063181
	-0.027703	0.019238	0.030946	0.000946	0.027546	0.052371
	0.055691					
z116	-0.030698	-0.009647	0.016871	0.061263	0.013428	-0.009322
	-0.013461	0.076615	-0.051781	0.001717	-0.051662	0.087102
	-0.037580	-0.037893	-0.051390	-0.053842	-0.017202	-0.088423
	-0.015418	0.030289	0.054435	-0.100645	0.022730	-0.101121
	0.022595	-0.057668	-0.072087	0.051911	-0.043851	-0.046856
	-0.058002					
x117	-0.062485	0.050114	-0.031728	0.034802	-0.050952	0.018779
	0.037750	-0.012190	0.046373	-0.101165	-0.073767	-0.053695
	-0.056619	0.101309	-0.004950	0.018193	0.019050	0.092512
	-0.012998	0.075044	0.029330	-0.004930	-0.026027	-0.041108
	-0.004533	-0.064056	-0.077205	0.041869	-0.051522	-0.055596
	0.015503					
y117	0.012786	0.005835	0.002551	0.016594	-0.023027	-0.002106
	0.002526	-0.032487	-0.024439	-0.001490	-0.008855	0.071558
	-0.004661	0.016212	0.037168	0.035688	0.020599	0.071840
	-0.056533	0.035201	-0.011585	0.038103	0.015350	0.066260
	-0.001641	0.027439	0.002261	0.013671	0.035974	0.013041
	0.064699					
z117	-0.032315	-0.011428	0.010473	0.063053	0.017877	-0.015134
	-0.021269	0.084581	-0.062601	-0.002046	-0.058089	0.085936
	-0.057501	-0.047291	-0.052592	-0.070573	-0.021507	-0.083905
	-0.004624	0.034032	0.045315	-0.070384	0.021827	-0.118024
	0.008707	-0.071247	-0.047715	0.040255	-0.024232	-0.001204
	-0.074850					
x118	-0.065420	0.047533	-0.019129	0.049125	-0.042012	0.014581
	0.032935	-0.015808	0.050388	-0.105908	-0.073025	-0.087344
	-0.067334	0.090357	0.022698	0.017355	0.019978	0.073106
	-0.020309	0.029831	0.039222	-0.009055	-0.029669	-0.012370
	0.000515	-0.032855	-0.034468	0.050378	-0.023014	-0.018700
	0.015308					
y118	0.011517	0.001857	0.005762	0.023882	-0.026763	-0.002342
	-0.008281	-0.019674	-0.018266	0.007040	-0.021801	0.073601
	-0.010154	0.003188	0.042947	0.041648	0.012956	0.070961
	-0.049804	0.032290	0.004731	0.027194	0.015203	0.058589
	0.002575	0.038397	0.002655	0.019065	0.042523	0.007344
	0.049001					

z118	-0.032754	-0.008635	0.001591	0.063690	0.020390	-0.023547
	-0.027552	0.084176	-0.065338	-0.010962	-0.059034	0.084072
	-0.067770	-0.054264	-0.047886	-0.080007	-0.013872	-0.078530
	0.009034	0.047063	0.034016	-0.049154	0.017054	-0.128144
	0.006777	-0.073693	-0.037498	0.036288	-0.002878	0.043990
	-0.063595					
x119	-0.066097	0.043373	-0.012988	0.057603	-0.033042	0.012042
	0.029918	-0.009851	0.036994	-0.108788	-0.088689	-0.106144
	-0.085975	0.067902	0.020029	0.003675	0.038694	0.054054
	-0.039627	0.010742	0.041301	0.009017	-0.019752	0.012548
	0.009260	-0.036529	0.025405	0.024377	-0.012191	0.043754
	0.024455					
y119	0.009350	-0.000935	0.012007	0.029108	-0.033963	-0.004528
	-0.022369	-0.003311	-0.011416	0.016096	-0.033787	0.082007
	-0.017986	-0.009110	0.053334	0.049288	0.001049	0.075035
	-0.042701	0.025787	0.014997	0.012591	0.013653	0.038338
	0.005419	0.047656	-0.000745	0.027634	0.034945	0.012899
	0.032163					
z119	-0.032727	-0.002753	-0.001442	0.067376	0.024570	-0.043032
	-0.032190	0.079623	-0.057086	-0.018164	-0.051501	0.069139
	-0.072206	-0.049913	-0.015051	-0.065103	-0.013696	-0.070724
	0.014882	0.020535	0.028282	-0.047942	-0.007713	-0.110213
	0.008444	-0.050321	-0.038117	0.052748	0.037437	0.103150
	-0.020344					
x120	-0.068117	0.039110	-0.004194	0.068425	-0.018858	0.003738
	0.034278	-0.005846	0.031151	-0.108248	-0.101658	-0.121702
	-0.110146	0.054110	0.031999	-0.012029	0.047842	0.030274
	-0.059917	-0.032985	0.035444	0.016422	-0.048803	0.043342
	0.006107	-0.018420	0.055645	0.012588	0.027109	0.123877
	0.037183					
y120	0.005262	-0.002235	0.018973	0.032500	-0.040658	-0.002551
	-0.032946	0.012599	-0.010087	0.029518	-0.048555	0.097020
	-0.026575	-0.025805	0.053369	0.053926	0.001401	0.092596
	-0.039988	0.034403	0.022700	-0.005437	0.029451	0.023019
	0.004469	0.063546	0.026608	0.019524	0.021768	-0.006069
	0.022645					
z120	-0.032104	0.003244	-0.008948	0.069496	0.034998	-0.052439
	-0.031553	0.081980	-0.051224	-0.010414	-0.061214	0.053308
	-0.072193	-0.047929	0.009659	-0.038933	-0.000790	-0.047181
	0.002469	-0.009532	0.026024	-0.041035	0.005218	-0.070952
	-0.013744	-0.022761	0.020804	0.041028	0.098557	0.134282
	0.025557					

x121	-0.074740	0.041932	-0.002300	0.068975	-0.008492	0.007535
	0.035678	-0.014252	0.012651	-0.093312	-0.088284	-0.117542
	-0.123031	0.042565	0.029470	-0.038551	0.048937	0.027837
	-0.026991	-0.059838	0.024672	0.007942	-0.075143	0.052070
	0.025547	-0.020126	0.075072	0.027807	0.041123	0.059034
	0.039523					
y121	0.004523	-0.004409	0.025696	0.039384	-0.041554	-0.001831
	-0.037103	0.019934	-0.008467	0.038001	-0.065641	0.107413
	-0.033302	-0.037126	0.050506	0.051368	0.009244	0.119217
	-0.060833	0.059927	0.026713	-0.014379	0.039348	0.024947
	0.010639	0.072414	0.045595	0.011008	-0.014227	0.026693
	0.042277					
z121	-0.034056	0.013090	-0.016648	0.069639	0.046251	-0.039557
	-0.031558	0.070342	-0.053159	0.004856	-0.064152	0.069869
	-0.084792	-0.046903	0.006852	-0.034070	0.001335	-0.007509
	-0.007721	-0.016557	0.015050	-0.050986	-0.001797	-0.049878
	0.011027	-0.019106	0.038326	0.039131	0.098260	0.097568
	0.039432					
x122	-0.080684	0.041578	0.004346	0.069624	-0.000553	0.005297
	0.029451	-0.016245	-0.009025	-0.083544	-0.077227	-0.115631
	-0.130645	0.016684	0.024265	-0.056597	0.050406	0.034182
	-0.008801	-0.064221	0.016593	-0.004781	-0.089760	0.051418
	0.027209	-0.000513	0.106478	0.029497	0.007721	0.031680
	0.029987					
y122	0.007142	-0.000153	0.026808	0.040386	-0.041666	0.002569
	-0.039435	0.009764	-0.006778	0.044197	-0.073910	0.117121
	-0.032038	-0.026749	0.053308	0.052004	0.010558	0.119850
	-0.071831	0.065650	0.027723	-0.021864	0.042932	0.019108
	0.014094	0.073529	0.007068	0.001632	-0.034724	0.008802
	0.028101					
z122	-0.031029	0.026073	-0.027267	0.066644	0.051587	-0.033815
	-0.033384	0.051481	-0.057969	0.010742	-0.056312	0.078353
	-0.085755	-0.032966	0.008024	-0.014001	-0.004878	0.010308
	-0.009722	-0.027226	0.011705	-0.060307	-0.002156	-0.037975
	0.019383	-0.003792	0.044101	0.026736	0.071508	0.065617
	0.026424					
x123	-0.082504	0.042370	0.011277	0.069709	0.006876	0.006534
	0.026577	-0.019995	-0.026734	-0.071872	-0.073031	-0.103733
	-0.136399	-0.008513	0.020239	-0.070470	0.051152	0.036591
	0.006957	-0.053678	0.005305	-0.016298	-0.107312	0.045291
	0.028160	0.021106	0.107729	0.021720	-0.024814	-0.002080
	0.030933					

y123	0.008563	0.000719	0.027621	0.036954	-0.039424	0.002153
	-0.041579	0.008608	-0.009935	0.044944	-0.070249	0.109319
	-0.028307	-0.016792	0.046080	0.053394	0.006495	0.109614
	-0.069024	0.047848	0.025931	-0.023912	0.056076	0.016542
	0.016512	0.058572	0.002491	-0.022327	-0.050636	-0.014372
	0.007251					
z123	-0.026491	0.037922	-0.037987	0.059711	0.057024	-0.027085
	-0.033729	0.034282	-0.063469	0.012998	-0.045194	0.081969
	-0.083227	-0.018869	0.001843	0.006768	-0.014623	0.020864
	-0.005673	-0.040181	0.005542	-0.064699	0.000733	-0.026413
	0.030848	-0.000933	0.045711	0.001532	0.039375	0.019146
	0.021886					
x124	-0.080873	0.040093	0.019115	0.066806	0.014573	0.007425
	0.025095	-0.016361	-0.038061	-0.062543	-0.065762	-0.095282
	-0.136678	-0.028006	0.017084	-0.075363	0.039654	0.034411
	0.019799	-0.052440	-0.005478	-0.028085	-0.107827	0.034594
	0.019063	0.043526	0.106132	0.000682	-0.053027	-0.023328
	0.019452					
y124	0.008761	0.002203	0.027243	0.032608	-0.037802	0.000876
	-0.040336	0.006517	-0.015267	0.047885	-0.069224	0.101112
	-0.025508	-0.014838	0.029986	0.044145	0.012838	0.099502
	-0.059627	0.042425	0.017857	-0.015434	0.052749	0.014953
	0.031716	0.037329	-0.009697	-0.050854	-0.055431	-0.047245
	0.000167					
z124	-0.021231	0.048854	-0.048828	0.050586	0.061728	-0.022351
	-0.030791	0.018098	-0.068099	0.015901	-0.035796	0.081259
	-0.076561	-0.010158	-0.005594	0.022453	-0.021188	0.029986
	-0.000289	-0.044575	-0.004011	-0.055859	-0.002594	-0.013199
	0.041754	0.000737	0.036944	-0.027686	0.021408	-0.022037
	0.020535					
x125	-0.075965	0.037009	0.026137	0.058924	0.020428	0.006097
	0.028820	-0.010699	-0.040571	-0.053768	-0.057226	-0.087668
	-0.130629	-0.042207	0.014562	-0.070987	0.021438	0.028722
	0.032286	-0.050332	-0.017466	-0.026754	-0.103976	0.032621
	-0.000719	0.056700	0.088128	-0.019707	-0.072283	-0.025867
	0.008736					
y125	0.008744	0.000680	0.028073	0.030675	-0.035164	0.001400
	-0.041171	0.006641	-0.020508	0.048117	-0.069654	0.092799
	-0.025453	-0.016889	0.014416	0.027540	0.018894	0.085877
	-0.055103	0.033616	0.013478	-0.013633	0.048580	0.001087
	0.058535	0.021052	-0.009978	-0.081130	-0.054971	-0.073841
	0.001716					

z125	-0.015595	0.057115	-0.059666	0.043589	0.067434	-0.017172
	-0.027804	0.002586	-0.070887	0.016563	-0.025611	0.080717
	-0.068879	-0.001759	-0.013087	0.034305	-0.031649	0.034524
	-0.002879	-0.049845	-0.012115	-0.047873	-0.001203	-0.008684
	0.056281	0.008613	0.029393	-0.054673	0.017817	-0.055238
	0.021855					
x126	-0.068081	0.033355	0.031354	0.048282	0.025042	0.006790
	0.036465	-0.010066	-0.036703	-0.043712	-0.047380	-0.073442
	-0.122380	-0.053851	0.017469	-0.055737	0.003835	0.018243
	0.031137	-0.047313	-0.032831	-0.020483	-0.086704	0.027088
	-0.013243	0.069564	0.044346	-0.028531	-0.076432	-0.020818
	0.007541					
y126	0.007947	-0.003656	0.031620	0.029649	-0.034464	-0.000221
	-0.042363	0.014104	-0.021294	0.043243	-0.071192	0.077038
	-0.025742	-0.016053	-0.003318	0.005639	0.018512	0.068924
	-0.041905	0.022237	0.015578	-0.009337	0.032094	-0.000399
	0.075664	-0.004520	0.001718	-0.105506	-0.046299	-0.090335
	-0.001079					
z126	-0.010188	0.062417	-0.067846	0.038933	0.071655	-0.014348
	-0.023023	-0.006268	-0.070326	0.011918	-0.018085	0.074084
	-0.055578	0.011096	-0.022993	0.045962	-0.051773	0.034451
	0.000126	-0.054188	-0.015330	-0.034885	-0.012312	0.010262
	0.059002	0.007383	0.025061	-0.076597	0.030567	-0.080190
	0.015158					
x127	-0.059300	0.028927	0.035857	0.036800	0.025893	0.009650
	0.046776	-0.007474	-0.029946	-0.036783	-0.046163	-0.054628
	-0.109001	-0.063802	0.011823	-0.030436	-0.019909	0.013454
	0.022686	-0.044491	-0.050672	-0.010941	-0.062401	0.020618
	-0.019794	0.081704	-0.002934	-0.045537	-0.051102	-0.012403
	-0.005517					
y127	0.007994	-0.010002	0.037288	0.027906	-0.031884	-0.004030
	-0.043139	0.022016	-0.016095	0.039219	-0.064564	0.056912
	-0.028556	-0.014827	-0.008896	-0.020178	0.023880	0.043275
	-0.028820	0.012148	0.022430	-0.006104	0.014942	0.002055
	0.084019	-0.029489	0.007599	-0.100013	-0.039063	-0.076286
	0.004579					
z127	-0.004021	0.064586	-0.073332	0.033070	0.079280	-0.013919
	-0.016552	-0.014590	-0.066878	0.011626	0.004109	0.063128
	-0.044283	0.021680	-0.020835	0.056363	-0.064818	0.019211
	0.001557	-0.054638	-0.015728	-0.018662	-0.022632	0.029187
	0.050267	0.009672	0.006946	-0.061195	0.037326	-0.075066
	0.016219					

x128	-0.050160	0.024927	0.036359	0.026277	0.021173	0.015181
	0.055292	-0.010559	-0.020646	-0.031566	-0.055313	-0.027933
	-0.090771	-0.069408	-0.005647	-0.001134	-0.045602	0.013157
	0.011712	-0.036557	-0.063008	-0.005212	-0.043381	0.016367
	-0.008867	0.077639	-0.045154	-0.073162	-0.027649	-0.020634
	-0.013008					
y128	0.009650	-0.016243	0.047249	0.025971	-0.024766	-0.010590
	-0.043100	0.029074	-0.009974	0.036596	-0.047442	0.032201
	-0.034635	-0.017124	0.004465	-0.044665	0.034369	0.014230
	-0.022052	0.001865	0.018528	0.000675	0.005568	-0.000144
	0.078849	-0.042984	-0.000652	-0.049893	-0.008232	-0.033806
	0.014546					
z128	0.000028	0.060863	-0.070872	0.029208	0.088065	-0.020580
	-0.009759	-0.009693	-0.063859	0.009732	0.030237	0.044511
	-0.037378	0.023812	-0.015316	0.070133	-0.085755	-0.000090
	0.002394	-0.065811	-0.028676	0.015941	-0.021376	0.036942
	0.017475	0.033104	0.002905	-0.018114	0.072834	-0.018836
	-0.015614					
x129	-0.049771	0.065716	0.061011	-0.010757	0.042057	-0.015394
	0.029618	0.032205	0.002144	-0.038457	-0.083458	-0.017309
	0.090203	-0.072260	0.009108	-0.005609	0.151497	-0.036698
	0.112580	0.035004	-0.092512	0.001648	0.089313	-0.027413
	0.023639	0.065686	0.012525	0.026439	-0.080284	0.018956
	0.000098					
y129	-0.008834	-0.015667	0.035129	0.062728	-0.049004	0.028136
	-0.022970	-0.001812	0.033521	0.031968	0.067692	0.063580
	-0.101054	-0.020298	-0.015973	0.066154	-0.015345	-0.025463
	0.020789	-0.076833	0.054066	-0.030907	-0.028624	0.070249
	0.022652	-0.141099	-0.037893	0.110643	-0.025359	0.029711
	-0.054155					
z129	0.033817	0.101742	-0.095775	-0.031065	0.176682	-0.020686
	0.028597	0.006145	-0.036007	0.015442	-0.057149	-0.111434
	0.008042	0.043614	0.024468	-0.035317	0.150372	-0.019549
	0.084253	0.022203	0.024464	-0.007227	0.099291	-0.042590
	-0.058989	-0.024028	0.001493	-0.027907	0.044551	0.042233
	-0.019562					
x130	-0.049597	0.057177	0.060892	-0.005601	0.038403	-0.001360
	0.030708	0.028699	0.006898	-0.025329	-0.069564	0.011785
	0.095081	-0.066120	-0.002233	0.020683	0.120421	-0.050579
	0.089911	0.006090	-0.080150	0.011340	0.056018	-0.024192
	0.023624	0.057320	-0.022019	0.043150	-0.060699	-0.013104
	0.016386					

y130	-0.004846	-0.007852	0.033955	0.051020	-0.036109	0.027309
	-0.019771	-0.010913	0.029847	0.031269	0.069688	0.053802
	-0.101446	-0.021176	0.004741	0.052772	0.010459	-0.021210
	0.030092	-0.058260	0.042671	-0.043253	-0.025575	0.070973
	0.025919	-0.143799	-0.064640	0.103891	-0.030215	0.022463
	-0.040327					
z130	0.035426	0.089282	-0.086616	-0.031298	0.162471	-0.020278
	0.030457	0.008754	-0.037429	0.014271	-0.048506	-0.096471
	-0.000054	0.045261	0.017097	-0.031030	0.129151	-0.014404
	0.056079	0.010352	0.014008	0.009838	0.077975	-0.031761
	-0.053571	-0.019731	0.013880	-0.021206	0.036931	0.038261
	-0.027085					
x131	-0.048693	0.048654	0.062364	-0.002425	0.035367	0.004101
	0.031500	0.029341	0.009653	-0.010088	-0.055828	0.029072
	0.095306	-0.067027	-0.014165	0.039678	0.092068	-0.054051
	0.063127	-0.012373	-0.074311	0.032764	0.042391	-0.025993
	0.011269	0.067843	-0.042392	0.056742	-0.042335	-0.009851
	0.031170					
y131	-0.000415	-0.002115	0.036329	0.044004	-0.022866	0.017870
	-0.016956	-0.007343	0.024483	0.035252	0.072856	0.037948
	-0.101206	-0.032645	0.018962	0.040253	0.025803	-0.012194
	0.025576	-0.040666	0.025320	-0.041241	-0.007350	0.064207
	0.011891	-0.120295	-0.089040	0.097145	-0.025361	0.056111
	-0.021034					
z131	0.037150	0.077889	-0.080313	-0.026925	0.143411	-0.017084
	0.031052	0.006293	-0.033599	0.006137	-0.058873	-0.077140
	-0.000750	0.053837	0.005271	-0.015460	0.097364	-0.011515
	0.042058	-0.003427	0.015133	0.024114	0.053629	-0.017627
	-0.027993	-0.027386	0.025873	-0.034062	0.037535	0.009676
	-0.047087					
x132	-0.046587	0.041836	0.062047	-0.000170	0.030463	0.012878
	0.035492	0.023857	0.013198	0.000657	-0.047735	0.050112
	0.091567	-0.058071	-0.023881	0.056272	0.072001	-0.055793
	0.046182	-0.024375	-0.057028	0.047364	0.007665	-0.018943
	0.017513	0.075018	-0.062235	0.062795	-0.020766	-0.009602
	0.041192					
y132	0.003781	0.004685	0.039675	0.035548	-0.009204	0.014932
	-0.009071	-0.014693	0.024711	0.031379	0.072413	0.029202
	-0.100028	-0.026934	0.031039	0.032773	0.064782	-0.005486
	0.035567	-0.013263	0.015857	-0.035117	-0.004830	0.066780
	0.018432	-0.075200	-0.120308	0.086430	-0.026457	0.070961
	0.013579					

z132	0.038742	0.065257	-0.071986	-0.026602	0.126991	-0.015760
	0.033199	0.007273	-0.036125	0.007596	-0.050656	-0.060090
	-0.003306	0.052596	0.001447	-0.010738	0.074820	-0.009120
	0.019589	-0.012839	0.007129	0.032130	0.043757	-0.006543
	-0.022992	-0.027387	0.027103	-0.022706	0.021612	-0.012362
	-0.036236					
x133	-0.043025	0.035780	0.058777	-0.001848	0.028211	0.017986
	0.037534	0.018528	0.013714	0.009850	-0.045998	0.063893
	0.087469	-0.048929	-0.027769	0.064195	0.052447	-0.049761
	0.034100	-0.028956	-0.032296	0.057418	-0.016097	-0.020912
	0.014769	0.067231	-0.052096	0.070788	-0.014903	-0.030714
	0.020541					
y133	0.006584	0.007230	0.039862	0.031190	0.000195	0.011777
	-0.004712	-0.019166	0.030874	0.023361	0.054529	0.018802
	-0.089091	-0.014117	0.030477	0.036032	0.077730	0.005715
	0.049964	-0.000239	0.022019	-0.007449	0.011395	0.056722
	0.026369	-0.039670	-0.098168	0.081668	-0.045903	0.036298
	0.005373					
z133	0.039967	0.055738	-0.063935	-0.028470	0.110930	-0.012535
	0.037895	0.006733	-0.038245	0.010688	-0.035576	-0.044491
	-0.009493	0.048303	0.003287	-0.011977	0.067030	-0.010961
	-0.000443	-0.015411	-0.001809	0.032113	0.037467	0.005787
	-0.016203	-0.025511	0.011945	-0.009219	0.009457	-0.022349
	-0.013119					
x134	-0.039790	0.029957	0.060080	-0.005066	0.021560	0.017575
	0.039581	0.020126	0.015450	0.010919	-0.042313	0.070013
	0.081918	-0.054664	-0.020942	0.064217	0.024758	-0.059859
	0.017894	-0.036599	-0.020498	0.059799	-0.029775	-0.023195
	0.013976	0.058211	-0.016348	0.067221	0.009497	-0.031167
	0.016447					
y134	0.010531	0.007271	0.047113	0.035401	0.005177	0.003911
	-0.005110	-0.010278	0.030792	0.012512	0.026644	0.007368
	-0.072365	-0.012215	0.033723	0.043438	0.054304	0.007497
	0.057252	-0.000414	0.019592	0.012811	0.028004	0.044426
	0.020902	0.003761	-0.073104	0.042579	-0.035015	0.053668
	-0.000985					
z134	0.040188	0.049502	-0.058383	-0.030365	0.097390	-0.010522
	0.039474	0.008788	-0.040419	0.013197	-0.026789	-0.031083
	-0.015823	0.046531	0.001804	-0.010175	0.059882	-0.009750
	-0.010301	-0.014895	-0.008004	0.031993	0.025349	0.013779
	-0.017652	-0.024374	-0.003259	-0.001307	0.003789	-0.017543
	0.000869					

x135	-0.034657	0.022582	0.059066	-0.008195	0.015214	0.014409
	0.043859	0.010962	0.013895	0.014536	-0.042538	0.074614
	0.065699	-0.062244	-0.016990	0.063704	-0.000816	-0.050916
	0.008575	-0.036045	-0.016280	0.064610	-0.040352	-0.024029
	0.007885	0.040471	0.030358	0.069476	0.032292	-0.053475
	0.008437					
y135	0.014247	0.003610	0.047924	0.038460	0.009608	-0.004489
	-0.006003	-0.005099	0.032178	0.010362	0.017895	-0.002766
	-0.064743	-0.017428	0.031979	0.054813	0.039729	0.021261
	0.073282	-0.000447	0.014796	0.023212	0.033178	0.030866
	-0.004844	0.025696	-0.035737	0.011594	-0.025813	0.035517
	-0.002956					
z135	0.038966	0.045615	-0.052557	-0.033908	0.085632	-0.007473
	0.040148	0.012357	-0.043564	0.015422	-0.018770	-0.020250
	-0.012253	0.051393	0.004360	-0.015689	0.055595	-0.008541
	-0.019228	-0.014871	-0.004803	0.022414	0.014614	0.023217
	-0.006301	-0.025395	-0.018744	0.010306	-0.010425	-0.007979
	0.009991					
x136	-0.028773	0.018325	0.053663	-0.012001	0.014956	0.017316
	0.050350	0.001883	0.007781	0.021535	-0.041917	0.080726
	0.057961	-0.062169	-0.013623	0.049509	-0.010538	-0.030120
	0.001628	-0.028071	-0.002681	0.053485	-0.048854	-0.015163
	0.016838	0.013017	0.043018	0.068952	0.035093	-0.056059
	-0.009642					
y136	0.016178	0.002250	0.045151	0.036851	0.019568	-0.004406
	-0.004468	-0.001721	0.032407	0.015553	0.029780	-0.004393
	-0.056553	-0.025617	0.029850	0.049157	0.043290	0.029057
	0.071763	-0.002324	0.010683	0.021727	0.036816	0.026698
	-0.012168	0.009216	-0.035066	0.008936	-0.041777	0.024089
	-0.003531					
z136	0.037649	0.042222	-0.046061	-0.035831	0.068456	-0.008100
	0.040000	0.010865	-0.042128	0.011992	-0.021726	-0.011268
	-0.013685	0.053576	0.005635	-0.013486	0.039787	-0.009459
	-0.023523	-0.015434	-0.005080	0.024297	0.005440	0.028285
	0.008708	-0.018777	-0.011100	0.010615	-0.006026	-0.017116
	0.014363					
x137	-0.021860	0.018517	0.046625	-0.016949	0.013689	0.022671
	0.054680	-0.008881	0.006901	0.023476	-0.046954	0.082201
	0.058266	-0.052823	-0.007257	0.033465	-0.009875	-0.019396
	0.002689	-0.014120	0.011704	0.030764	-0.057072	-0.010411
	0.047460	0.002625	0.047115	0.062307	0.044252	-0.066657
	-0.010521					

y137	0.020609	0.007206	0.044096	0.033906	0.027018	-0.004653
	-0.008857	-0.000620	0.028749	0.018653	0.028462	-0.010242
	-0.042152	-0.023717	0.032895	0.038305	0.050472	0.027207
	0.075949	0.003587	0.015011	0.021839	0.045996	0.003573
	-0.008876	0.038712	-0.045468	-0.001915	-0.050112	0.019052
	-0.001954					
z137	0.035027	0.038762	-0.039221	-0.039544	0.054492	-0.008773
	0.041874	0.011766	-0.040233	0.009039	-0.017031	-0.005287
	-0.017916	0.050434	0.007438	-0.012422	0.027506	-0.010217
	-0.027173	-0.016890	-0.008860	0.023173	-0.004788	0.035303
	0.011867	-0.023077	-0.000949	0.014880	-0.007965	-0.018507
	0.017169					
x138	-0.016759	0.017407	0.046593	-0.022149	0.016055	0.022317
	0.058519	-0.010840	0.008237	0.020550	-0.049465	0.081958
	0.056806	-0.043854	-0.011500	0.020211	-0.007743	-0.005737
	0.005372	-0.026764	0.006405	0.024661	-0.066138	-0.007293
	0.065077	0.008835	0.090121	0.071331	0.064239	-0.036625
	-0.007863					
y138	0.024983	0.009859	0.045846	0.036494	0.033108	-0.002753
	-0.010083	0.000228	0.030608	0.017612	0.028897	-0.004701
	-0.040075	-0.026760	0.029502	0.040916	0.047084	0.017575
	0.064523	0.021928	-0.005167	0.035324	0.019923	-0.017130
	-0.029212	0.028201	-0.026638	-0.008103	-0.042031	0.002452
	-0.027605					
z138	0.032501	0.038353	-0.033926	-0.044570	0.044000	-0.009865
	0.043159	0.009306	-0.043802	0.010702	-0.012637	-0.002629
	-0.017930	0.050722	0.012594	-0.016291	0.021023	-0.002599
	-0.026029	-0.023701	-0.004493	0.018507	0.001585	0.045656
	0.020848	-0.008954	-0.014900	0.026360	-0.018874	-0.003531
	0.035839					
x139	-0.009857	0.014738	0.054834	-0.024532	0.017727	0.024785
	0.052205	-0.012243	0.013840	0.019893	-0.044947	0.068855
	0.057670	-0.030339	-0.007781	-0.000755	-0.007010	-0.005203
	0.017892	-0.046811	0.019994	0.024136	-0.050697	-0.002336
	0.046525	-0.001102	0.078170	0.059355	0.052514	-0.004258
	-0.018748					
y139	0.028574	0.015014	0.048258	0.035200	0.042752	-0.003411
	-0.006879	-0.000708	0.028552	0.020313	0.028859	-0.005252
	-0.038570	-0.029551	0.037252	0.022947	0.048921	0.013295
	0.055341	0.030623	-0.005239	0.023561	0.012369	-0.038310
	-0.033715	0.040418	-0.014484	0.004504	-0.054680	0.006260
	0.019535					

z139	0.028281	0.039258	-0.026898	-0.045268	0.025610	-0.010939
	0.035443	0.006072	-0.044453	0.010355	-0.007666	-0.001233
	-0.015330	0.055947	0.007874	-0.012845	0.016721	-0.000607
	-0.019189	-0.022856	-0.004639	0.031435	0.004675	0.050785
	0.019794	-0.012190	-0.036305	0.016402	-0.017743	-0.005430
	0.009237					
x140	-0.003964	0.009516	0.058631	-0.026306	0.017115	0.026129
	0.048026	-0.018215	0.018889	0.021238	-0.050202	0.060751
	0.049783	-0.016894	-0.008334	-0.007980	-0.012553	-0.001101
	0.032594	-0.046354	0.023755	0.027363	-0.042463	0.006876
	0.035071	-0.025562	0.062668	0.032430	0.059875	-0.018154
	-0.054675					
y140	0.030265	0.018350	0.048156	0.029869	0.049649	-0.004120
	0.000357	-0.005955	0.027427	0.021639	0.025313	-0.011767
	-0.037147	-0.023293	0.032352	0.017550	0.044689	0.017791
	0.051571	0.024579	-0.018540	0.015618	-0.001124	-0.027915
	-0.032840	0.028219	-0.007361	0.003099	-0.052867	-0.017863
	0.002244					
z140	0.024160	0.040104	-0.018256	-0.047513	0.007747	-0.011437
	0.027403	0.004872	-0.042179	0.010186	0.002269	0.004200
	-0.015204	0.050675	0.014108	-0.016621	0.015957	-0.006926
	-0.018592	-0.009875	-0.002328	0.037764	0.008696	0.039826
	0.021778	-0.007935	-0.050420	0.016102	-0.019938	-0.004248
	0.029467					
x141	0.000594	0.004555	0.060685	-0.025458	0.018033	0.027155
	0.040365	-0.024426	0.024388	0.020031	-0.048919	0.048920
	0.041245	-0.000241	-0.000922	-0.011350	-0.016682	-0.010084
	0.045483	-0.048158	0.033931	0.028612	-0.033335	-0.002215
	0.032130	-0.038054	0.052603	0.016334	0.060893	-0.029887
	-0.068829					
y141	0.030895	0.019472	0.048668	0.025328	0.057716	-0.006365
	0.001117	-0.006086	0.027223	0.021960	0.033211	-0.015454
	-0.032045	-0.016192	0.037662	0.017205	0.037670	0.012002
	0.048862	0.016203	-0.016925	0.005624	0.004170	-0.050477
	-0.036974	0.016462	0.019660	0.004935	-0.045331	-0.024987
	-0.019138					
z141	0.020412	0.042887	-0.011697	-0.050673	-0.009577	-0.009426
	0.024081	0.001517	-0.043376	0.012701	0.000969	0.006501
	-0.017299	0.042128	0.008519	-0.024973	0.018763	-0.000122
	-0.017631	0.006035	-0.006342	0.045756	0.004099	0.049147
	0.027502	-0.001403	-0.076034	0.008533	-0.037682	-0.007643
	0.054563					

x142	0.003779	0.000502	0.061218	-0.028728	0.018686	0.028822
	0.036148	-0.027171	0.027474	0.024046	-0.040273	0.045588
	0.032475	0.006689	0.011398	-0.027080	-0.012156	-0.011755
	0.051502	-0.044420	0.028612	0.025077	-0.022740	-0.000309
	0.013860	-0.035513	0.033046	0.018908	0.054993	-0.027749
	-0.064487					
y142	0.030500	0.016976	0.050644	0.021807	0.064291	-0.009163
	0.006906	0.001669	0.025366	0.022594	0.038518	-0.017709
	-0.031847	-0.011968	0.040872	0.014097	0.021361	0.005633
	0.038314	0.010965	-0.013663	0.003051	0.007044	-0.049522
	-0.054963	0.013993	0.018702	0.016864	-0.039854	-0.007130
	-0.037087					
z142	0.017598	0.048363	-0.008218	-0.049680	-0.030529	-0.008647
	0.016069	-0.008136	-0.040483	0.007753	-0.013829	0.003572
	-0.010452	0.042157	0.000211	-0.014328	0.012987	0.007793
	-0.003874	0.007576	0.001059	0.059678	-0.003274	0.046472
	0.054563	-0.009784	-0.061925	-0.026273	-0.032554	-0.030739
	0.053312					
x143	0.004514	-0.001737	0.061320	-0.031762	0.019420	0.031283
	0.033620	-0.032128	0.026291	0.026261	-0.032450	0.040468
	0.019746	0.008935	0.019192	-0.037445	-0.007126	-0.013708
	0.047477	-0.023800	0.027709	0.015326	-0.015443	0.001707
	0.001201	-0.035691	0.021153	0.014483	0.046612	-0.036460
	-0.038834					
y143	0.028302	0.018521	0.053249	0.016521	0.065285	-0.006515
	0.012845	-0.004423	0.023354	0.016322	0.043078	-0.018993
	-0.033670	-0.008263	0.033195	0.013353	0.011677	0.000528
	0.021475	0.016355	-0.028314	-0.004097	0.011867	-0.044982
	-0.053530	0.011412	0.019812	0.024573	-0.044777	-0.019572
	-0.004655					
z143	0.016066	0.049401	-0.007191	-0.045263	-0.047528	-0.011819
	0.006885	-0.006259	-0.036009	0.006461	-0.030522	-0.001988
	0.001127	0.045260	-0.002942	-0.006573	-0.001946	0.014711
	0.014126	-0.004492	0.022872	0.073486	-0.011519	0.037638
	0.062334	-0.017906	-0.045818	-0.059870	-0.013351	-0.023826
	-0.003028					
x144	0.004625	-0.003370	0.058896	-0.031951	0.018148	0.032671
	0.029315	-0.039706	0.027936	0.029852	-0.032177	0.035845
	0.012571	0.019158	0.025761	-0.035714	-0.004328	-0.010602
	0.055870	-0.010557	0.027269	0.010425	-0.010843	0.002097
	-0.006777	-0.029946	0.020076	-0.005941	0.042255	-0.045967
	-0.029926					

y144	0.025389	0.022157	0.055408	0.012502	0.066194	-0.004524
	0.018581	-0.013293	0.022453	0.015495	0.042890	-0.018946
	-0.029380	0.004338	0.027840	0.026306	0.002816	-0.000946
	0.006827	0.020126	-0.021618	0.000778	0.010966	-0.037359
	-0.045674	-0.003900	0.021304	0.014764	-0.035401	-0.027402
	0.010510					
z144	0.013582	0.047482	-0.004162	-0.046372	-0.059101	-0.017515
	-0.000925	0.008862	-0.035529	0.005787	-0.026754	-0.015009
	0.000989	0.028759	0.000263	-0.021267	-0.012184	0.016380
	0.026729	-0.015238	0.016818	0.069810	-0.008233	0.019157
	0.040899	0.010309	-0.022765	-0.059806	-0.015715	0.007339
	-0.028488					
x145	0.003579	-0.005865	0.054061	-0.033495	0.018443	0.033481
	0.022212	-0.045878	0.027955	0.030597	-0.035412	0.032945
	0.005668	0.025282	0.020283	-0.038651	0.006252	-0.013616
	0.063229	0.007586	0.022089	0.006656	-0.012673	-0.007837
	-0.014933	-0.017962	0.028611	-0.025875	0.040929	-0.049840
	-0.003289					
y145	0.021371	0.023463	0.058360	0.005790	0.069483	-0.008667
	0.022068	-0.009939	0.016363	0.013799	0.040445	-0.032409
	-0.032426	0.008707	0.008495	0.020019	-0.009762	-0.007360
	-0.005659	0.015769	-0.012163	0.007815	0.014941	-0.047840
	-0.045853	0.020105	0.034741	-0.011174	-0.035265	-0.009424
	0.041159					
z145	0.011829	0.050026	-0.004839	-0.042924	-0.076730	-0.013906
	-0.003839	0.004475	-0.031375	0.007073	-0.025803	-0.008930
	0.007961	0.018627	0.020709	-0.015608	-0.013719	0.028602
	0.035639	-0.004645	0.012213	0.060049	-0.007620	0.030068
	0.041220	-0.006799	-0.037149	-0.037465	-0.020578	-0.008865
	-0.044565					
x146	0.003709	-0.008084	0.046863	-0.031305	0.014241	0.031708
	0.019890	-0.051085	0.028967	0.035724	-0.033705	0.026639
	0.007962	0.027640	0.036182	-0.047404	-0.001084	-0.014887
	0.065937	0.007366	0.021844	-0.003340	-0.001503	-0.007392
	-0.013390	-0.007069	0.027524	-0.039391	0.051480	-0.045103
	0.012036					
y146	0.018640	0.024079	0.057477	0.004251	0.068037	-0.010660
	0.032427	-0.009012	0.012990	0.018379	0.040791	-0.039686
	-0.029428	0.012571	0.004046	0.012935	-0.024952	-0.032343
	-0.033707	0.015583	0.031148	-0.000572	0.016169	-0.047070
	-0.011778	-0.005692	0.006813	-0.008383	-0.016798	-0.004347
	0.055514					

z146	0.008004	0.051924	-0.000533	-0.044084	-0.084590	-0.016573
	-0.009843	0.004760	-0.036646	0.004492	-0.029075	-0.008937
	0.007123	0.010594	0.021783	-0.007905	-0.013808	0.052269
	0.045151	0.009545	-0.000473	0.062615	-0.002354	0.028760
	0.021770	0.018447	-0.021568	-0.031926	-0.037727	-0.005160
	-0.039897					
x147	0.004195	-0.013008	0.041187	-0.028719	0.010939	0.028501
	0.017505	-0.052303	0.030039	0.042408	-0.027705	0.021605
	0.005613	0.018505	0.050286	-0.048440	-0.005711	-0.012892
	0.053723	0.011845	0.029118	-0.027045	-0.003412	-0.003900
	-0.018464	-0.015642	-0.001901	-0.023949	0.034837	-0.025642
	0.036163					
y147	0.015778	0.027651	0.056203	0.001628	0.065873	-0.008075
	0.035402	-0.008717	0.014758	0.020272	0.044632	-0.038075
	-0.025525	0.013373	0.006982	0.016719	-0.034968	-0.027902
	-0.040341	0.013368	0.030392	-0.004563	0.009583	-0.044838
	-0.008565	-0.011422	0.006013	-0.004306	-0.017059	-0.008999
	0.046030					
z147	0.007524	0.051415	0.001048	-0.043011	-0.099054	-0.016806
	-0.012403	0.001737	-0.034756	-0.002758	-0.036329	-0.019421
	0.009341	-0.000370	0.013981	-0.010529	-0.019214	0.037251
	0.047783	0.010434	-0.001816	0.058469	0.004211	0.019620
	0.025366	0.017462	-0.019452	-0.040184	-0.030958	-0.006309
	-0.005958					
x148	0.003861	-0.018721	0.038676	-0.027589	0.008047	0.028207
	0.005715	-0.059644	0.031357	0.047722	-0.018272	0.016799
	0.001668	0.006889	0.047554	-0.047024	0.009923	-0.010643
	0.051453	-0.003453	0.020056	-0.041720	-0.008226	-0.009479
	-0.048710	-0.022422	-0.027735	-0.002614	0.003003	0.008556
	0.046885					
y148	0.014014	0.030217	0.055441	-0.001874	0.060550	-0.003996
	0.035577	-0.012331	0.014099	0.020095	0.045550	-0.037501
	-0.020227	0.011676	0.002678	0.020576	-0.034504	-0.025425
	-0.035674	0.007630	0.024635	-0.011921	0.005134	-0.043568
	-0.003012	-0.009148	0.003575	0.005130	-0.025379	-0.003190
	0.054758					
z148	0.005098	0.049867	0.001753	-0.038192	-0.109958	-0.020220
	-0.016624	0.007868	-0.026060	-0.008052	-0.036588	-0.029280
	0.009875	-0.013059	0.017906	-0.012713	-0.027714	0.013770
	0.042380	0.011860	0.004285	0.061323	-0.000075	-0.000601
	0.009686	0.000449	-0.012577	-0.044222	-0.003239	-0.008306
	-0.024072					

x149	0.003953	-0.021534	0.034107	-0.028641	0.010046	0.027806
	-0.005725	-0.069248	0.027935	0.048307	-0.014927	0.014596
	0.000695	0.004254	0.047811	-0.054782	0.017894	-0.015901
	0.050823	-0.010961	0.013372	-0.046316	-0.015579	-0.018159
	-0.059496	-0.020317	-0.036017	-0.001195	-0.000254	0.024040
	0.024677					
y149	0.012055	0.033060	0.054614	-0.006312	0.055512	-0.004143
	0.035848	-0.014662	0.009467	0.018229	0.044501	-0.042020
	-0.014244	0.008800	0.001964	0.014553	-0.037868	-0.027971
	-0.033342	0.005409	0.022851	-0.019926	0.003745	-0.047714
	0.000231	-0.004150	0.005351	0.007103	-0.019526	0.003818
	0.039421					
z149	0.003326	0.050135	0.003248	-0.033328	-0.117995	-0.012250
	-0.021689	0.005456	-0.012994	-0.004594	-0.031673	-0.021761
	0.006931	-0.018826	0.018213	0.004290	-0.028489	0.015004
	0.039366	0.005446	-0.001554	0.059008	-0.007569	-0.002608
	0.007434	-0.020294	-0.016866	-0.036207	-0.012172	-0.033474
	0.006952					
x150	0.003227	-0.022732	0.033979	-0.027510	0.014583	0.023610
	-0.011987	-0.075107	0.026152	0.050018	-0.017962	0.015208
	0.005032	0.012869	0.046731	-0.060484	0.019018	-0.015568
	0.048523	-0.011974	0.020066	-0.030435	-0.014316	-0.015985
	-0.064634	-0.024749	-0.043807	-0.009843	0.008973	0.028704
	0.013754					
y150	0.010449	0.036136	0.053921	-0.008589	0.049866	-0.003232
	0.038079	-0.016732	0.007719	0.016827	0.040942	-0.044238
	-0.009338	0.009650	0.001473	0.014821	-0.040115	-0.029597
	-0.031973	0.006524	0.026753	-0.017800	0.001559	-0.048120
	0.004254	-0.001387	0.002490	0.004411	-0.011994	0.000049
	0.038881					
z150	0.000195	0.045469	0.003913	-0.033152	-0.123779	-0.009517
	-0.031624	0.012852	-0.012488	-0.004526	-0.021294	-0.028153
	0.006711	-0.036979	0.019480	0.011052	-0.029175	0.017307
	0.037133	-0.012078	-0.017626	0.035034	-0.002973	-0.016588
	-0.016982	-0.018440	0.005233	-0.021439	-0.018477	-0.009097
	-0.002411					
x151	0.001233	-0.024107	0.036991	-0.027374	0.016441	0.019074
	-0.020844	-0.080605	0.023102	0.049372	-0.017657	0.018856
	0.014426	0.015915	0.049982	-0.063103	0.008689	-0.015121
	0.039914	-0.018050	0.014204	-0.027311	-0.012411	-0.016808
	-0.050729	-0.038686	-0.028181	-0.020647	0.000769	0.037901
	0.018501					

y151	0.008627	0.038975	0.052532	-0.011162	0.042687	-0.002248
	0.039382	-0.017707	0.006881	0.015146	0.039317	-0.047189
	-0.004108	0.008299	0.000090	0.017426	-0.044984	-0.028672
	-0.031038	0.004448	0.026836	-0.020601	-0.000965	-0.048593
	0.004206	-0.001838	0.005712	0.001444	-0.005380	0.000670
	0.035785					
z151	0.000589	0.045314	-0.000594	-0.032109	-0.127592	-0.001620
	-0.037888	0.007266	-0.012630	-0.001802	-0.021513	-0.027365
	0.001368	-0.043005	0.019060	0.014059	-0.010412	0.013481
	0.042565	-0.009486	-0.021760	0.015210	-0.005974	-0.016497
	-0.026068	-0.012388	-0.027579	-0.000395	-0.018400	-0.040283
	0.006790					
x152	0.001750	-0.025284	0.033182	-0.027473	0.018352	0.013703
	-0.027242	-0.085547	0.019231	0.050036	-0.017148	0.021370
	0.021598	0.019899	0.045698	-0.063461	0.001585	-0.017418
	0.025652	-0.029081	0.003944	-0.034542	-0.015057	-0.015011
	-0.050058	-0.037801	-0.010129	-0.026104	0.006654	0.054487
	0.019787					
y152	0.007259	0.042555	0.051150	-0.013609	0.035243	-0.001877
	0.040956	-0.019878	0.005260	0.013422	0.035939	-0.047004
	0.001842	0.009406	-0.000735	0.017226	-0.048567	-0.028415
	-0.031740	0.000070	0.023394	-0.026901	-0.001248	-0.047275
	0.003713	-0.000279	0.010359	0.001246	-0.002707	0.000713
	0.031067					
z152	-0.002099	0.045512	0.001858	-0.031152	-0.127001	0.008561
	-0.043401	0.006334	-0.009239	-0.001125	-0.016508	-0.028221
	-0.002542	-0.046549	0.018853	0.022174	-0.003862	0.014717
	0.038439	-0.006657	-0.016567	0.009170	-0.011508	-0.017454
	-0.023389	-0.026578	-0.050143	0.010117	-0.029028	-0.065661
	0.010997					
x153	0.002623	-0.025691	0.029144	-0.025127	0.021453	0.010456
	-0.032485	-0.088676	0.013804	0.050564	-0.016863	0.027250
	0.030310	0.019494	0.033869	-0.061570	-0.007823	-0.010312
	0.016263	-0.031874	0.000438	-0.033375	-0.019896	-0.004306
	-0.050710	-0.042590	-0.004492	-0.028728	-0.009488	0.067163
	0.012765					
y153	0.005875	0.045946	0.050225	-0.015531	0.027898	-0.001280
	0.042325	-0.019958	0.003891	0.010833	0.033151	-0.046147
	0.007295	0.009319	-0.002138	0.018427	-0.054365	-0.029551
	-0.032074	-0.006686	0.017983	-0.028506	-0.000562	-0.046552
	0.000050	0.003305	0.022396	0.002625	0.002537	0.002670
	0.026117					

z153	-0.007029	0.044428	0.007069	-0.034069	-0.124052	0.012953
	-0.050391	0.013687	-0.004161	-0.000262	-0.006511	-0.038754
	-0.011956	-0.050387	0.019918	0.029174	-0.005475	0.015417
	0.027829	-0.020662	-0.021026	-0.002505	-0.011996	-0.035670
	-0.035128	-0.014883	-0.024522	0.008449	-0.007842	-0.049272
	0.010444					
x154	0.002234	-0.029614	0.020438	-0.022519	0.020302	0.012379
	-0.041915	-0.085702	0.021386	0.056432	-0.004652	0.024434
	0.031075	0.006042	0.027432	-0.062518	-0.005496	-0.005637
	-0.001067	-0.040278	-0.000944	-0.032348	-0.028248	-0.002213
	-0.055080	-0.043057	-0.025760	-0.027257	-0.029514	0.080916
	0.021050					
y154	0.006423	0.048786	0.045883	-0.014951	0.018511	0.001169
	0.043335	-0.021855	0.003948	0.009121	0.027634	-0.046989
	0.010773	0.006264	-0.005021	0.025643	-0.058799	-0.031051
	-0.025935	-0.008918	0.014428	-0.035786	-0.005510	-0.048464
	-0.007493	0.004882	0.021657	0.002697	0.008781	0.009183
	0.019281					
z154	-0.007706	0.046656	0.015451	-0.032537	-0.121326	0.014516
	-0.051060	0.014547	-0.012671	-0.007152	-0.015739	-0.039084
	-0.006033	-0.047828	0.021726	0.039193	-0.020103	0.017244
	0.035966	-0.020011	-0.030545	-0.018211	-0.010111	-0.051398
	-0.044527	-0.014926	0.022622	0.011347	0.023588	-0.024050
	-0.025361					
x155	0.002495	-0.028368	0.015387	-0.018508	0.021253	0.012655
	-0.052974	-0.086543	0.020333	0.050084	-0.005002	0.020764
	0.029488	0.008103	0.015143	-0.043991	-0.003425	0.004870
	-0.014570	-0.035745	-0.003416	-0.043001	-0.041804	0.000739
	-0.051017	-0.034519	-0.007465	-0.014826	-0.022551	0.098893
	0.003073					
y155	0.006103	0.052765	0.041230	-0.013230	0.005152	0.004786
	0.050577	-0.025429	0.005953	0.011301	0.032501	-0.043353
	0.019508	-0.002724	-0.000067	0.015921	-0.076257	-0.028347
	-0.027741	-0.016980	0.005495	-0.031409	0.003648	-0.039133
	-0.002271	0.005746	0.012293	-0.005601	0.002380	0.003502
	0.028518					
z155	-0.009735	0.044791	0.019994	-0.033293	-0.118899	0.019730
	-0.043059	0.014898	-0.009455	-0.004750	-0.002438	-0.034139
	0.000310	-0.063619	0.029316	0.026859	-0.043822	0.016319
	0.038435	-0.042702	-0.050191	-0.007668	-0.001755	-0.046622
	-0.051706	-0.011295	0.033525	-0.013254	0.003434	-0.034180
	-0.019496					

x156	0.005189	-0.027646	0.012557	-0.012242	0.023739	0.009388
	-0.054561	-0.079430	0.024514	0.051782	0.012386	0.004852
	0.035334	0.002297	0.020514	-0.042090	-0.003953	0.009252
	-0.022240	-0.038233	-0.017043	-0.036238	-0.048372	-0.011921
	-0.074652	-0.013772	0.006901	0.008365	-0.045353	0.106898
	-0.013897					
y156	0.005815	0.055360	0.037547	-0.015686	-0.001737	0.005843
	0.050733	-0.030485	0.007702	0.011225	0.026529	-0.040854
	0.021902	0.005621	-0.005886	0.021265	-0.074863	-0.029892
	-0.028626	-0.021052	-0.000783	-0.036060	-0.001301	-0.027620
	-0.002196	0.004626	0.016040	-0.013530	-0.000359	0.004208
	0.025037					
z156	-0.008437	0.042996	0.023929	-0.038114	-0.111201	0.021841
	-0.039941	0.003843	-0.003178	-0.003885	-0.005133	-0.035962
	-0.002756	-0.042112	0.031246	0.042409	-0.037445	0.005911
	0.030407	-0.054562	-0.056316	-0.016002	-0.018889	-0.026405
	-0.035473	-0.020512	0.034123	-0.027967	-0.005516	-0.044431
	-0.030772					
x157	0.004574	-0.024260	0.006017	-0.008854	0.026039	0.013664
	-0.065082	-0.074485	0.031191	0.041864	0.010941	0.001205
	0.024330	-0.000718	0.021451	-0.013835	0.017474	-0.001189
	-0.024880	-0.056775	-0.038491	-0.034590	-0.049746	-0.006987
	-0.074299	-0.019186	0.013913	0.015751	-0.056566	0.062598
	-0.014788					
y157	0.006884	0.057467	0.035422	-0.015114	-0.009860	0.007356
	0.049656	-0.030008	0.009385	0.010189	0.022880	-0.040996
	0.025676	0.008869	-0.010768	0.019182	-0.073644	-0.023979
	-0.025986	-0.024483	-0.006437	-0.040388	0.001522	-0.024589
	-0.016856	0.012142	0.024817	-0.006811	0.004767	0.011198
	0.030397					
z157	-0.007680	0.036578	0.034062	-0.039754	-0.094320	0.019362
	-0.043987	0.008051	0.002117	-0.009445	-0.007391	-0.037252
	-0.006083	-0.017309	0.023876	0.050399	-0.022894	0.006645
	0.029598	-0.060064	-0.059131	-0.015469	-0.030499	-0.027054
	-0.057361	-0.010463	0.068293	-0.015788	-0.008100	-0.028508
	-0.027099					
x158	0.000114	-0.022113	-0.004913	-0.003590	0.026611	0.014643
	-0.075169	-0.064035	0.032017	0.031085	0.003766	0.001879
	0.022854	-0.009854	0.017725	0.003312	0.016296	-0.006326
	-0.032666	-0.064285	-0.044932	-0.022322	-0.040405	-0.002143
	-0.063900	-0.009553	0.039876	0.039465	-0.035572	0.047271
	-0.013820					

y158	0.008138	0.060683	0.033053	-0.013320	-0.020622	0.013547
	0.049910	-0.035609	0.006243	0.000507	0.017500	-0.030338
	0.027036	0.004408	-0.016417	0.008156	-0.059519	-0.021073
	-0.013957	-0.020147	-0.010958	-0.042161	0.008754	-0.016397
	-0.022270	0.011804	0.022477	-0.006115	0.001942	-0.009152
	0.029314					
z158	-0.005550	0.031219	0.042009	-0.037132	-0.084826	0.027161
	-0.037447	0.006915	0.001139	-0.018114	-0.001607	-0.024278
	-0.007391	-0.015588	0.024331	0.035597	-0.011396	0.009278
	0.033835	-0.062835	-0.059471	-0.008371	-0.025328	-0.024883
	-0.060358	-0.019372	0.056784	-0.027598	-0.028373	-0.038906
	-0.013599					
x159	-0.003686	-0.015779	-0.011656	-0.000049	0.019520	0.015565
	-0.074588	-0.058828	0.031759	0.017618	-0.010589	0.016214
	0.020202	-0.020627	-0.006251	0.010478	0.017655	-0.022993
	-0.028786	-0.044611	-0.045639	-0.003031	-0.025264	0.007856
	-0.042604	-0.032805	0.058537	0.032877	-0.033373	0.013988
	0.007673					
y159	0.006648	0.059107	0.031631	-0.011369	-0.024767	0.016873
	0.044249	-0.031866	0.002701	-0.011599	0.008728	-0.030135
	0.028454	-0.002790	-0.028215	0.000193	-0.045536	-0.012902
	-0.006428	-0.023471	-0.014143	-0.048893	0.011170	-0.012502
	-0.024578	0.022681	0.035128	0.001597	0.019931	-0.001216
	0.019976					
z159	-0.006441	0.020566	0.050314	-0.034867	-0.064492	0.029641
	-0.038307	0.015374	-0.003397	-0.027586	0.002976	-0.026377
	-0.010228	-0.012858	0.023632	0.029703	0.002829	0.016829
	0.030698	-0.070606	-0.052477	-0.008809	-0.030005	-0.028040
	-0.066343	-0.011827	0.057519	-0.016633	-0.018069	-0.020229
	-0.006181					
x160	-0.002568	-0.011078	-0.018683	0.002471	0.013547	0.013042
	-0.072167	-0.055995	0.028992	0.015031	-0.016474	0.014224
	0.025929	-0.019282	-0.013914	0.019755	0.029153	-0.037353
	-0.036502	-0.039755	-0.042475	-0.000772	-0.021002	0.010582
	-0.045194	-0.036772	0.065873	0.021127	-0.043889	0.003858
	0.013862					
y160	0.006187	0.056674	0.030656	-0.008360	-0.028182	0.020191
	0.042036	-0.028078	-0.001932	-0.024498	0.000491	-0.024922
	0.025634	-0.011031	-0.036148	-0.005755	-0.037246	-0.012809
	0.004330	-0.011737	-0.011154	-0.045795	0.011441	0.001613
	-0.007486	0.014187	0.021394	0.020052	0.030625	-0.009015
	0.009125					

z160	-0.007629	0.008637	0.060389	-0.029711	-0.044827	0.032651
	-0.035843	0.025203	-0.009161	-0.040126	0.005517	-0.024650
	-0.012904	-0.014151	0.022496	0.021953	0.003849	0.020983
	0.031249	-0.059927	-0.037223	0.005102	-0.031956	-0.025426
	-0.047741	-0.022306	0.043377	-0.009189	-0.004993	-0.011330
	-0.001086					
x161	0.001054	-0.004868	-0.029332	0.005027	0.010214	0.013871
	-0.065977	-0.053097	0.021110	0.011213	-0.027279	0.009710
	0.024709	-0.018777	-0.003197	0.045712	0.030444	-0.046867
	-0.053862	-0.027289	-0.035510	-0.009084	-0.000611	0.032573
	-0.042329	-0.045207	0.077763	-0.008845	-0.071567	-0.000867
	0.028391					
y161	0.004989	0.052111	0.032088	-0.007154	-0.032596	0.019959
	0.041704	-0.022944	-0.002447	-0.034376	-0.001550	-0.026361
	0.025418	-0.017600	-0.049540	-0.015225	-0.023078	-0.007021
	0.017702	-0.003641	-0.007613	-0.049570	0.009999	0.012214
	0.006211	0.015598	0.021151	0.033010	0.051567	-0.027280
	-0.005064					
z161	-0.009269	-0.002551	0.070136	-0.028517	-0.026635	0.031736
	-0.028324	0.035496	-0.014689	-0.051648	0.008230	-0.023742
	-0.014190	-0.013251	0.024114	0.021071	0.003942	0.031410
	0.027092	-0.049881	-0.021897	0.007493	-0.022999	-0.010177
	-0.031365	-0.029402	0.048654	-0.019288	-0.001879	-0.012963
	0.008529					
x162	0.002992	0.003669	-0.038899	0.006190	-0.000207	0.004800
	-0.049620	-0.047930	0.015453	0.007912	-0.032065	0.014777
	0.025138	-0.010776	-0.000094	0.080583	0.032455	-0.057500
	-0.068365	-0.027075	-0.025434	-0.033513	0.010683	0.057496
	-0.053014	-0.037274	0.096122	-0.033895	-0.107567	0.005240
	0.028686					
y162	0.007488	0.045623	0.033245	-0.004408	-0.031685	0.023639
	0.040742	-0.020037	-0.006556	-0.039419	-0.009535	-0.026564
	0.024316	-0.022280	-0.051039	-0.031351	-0.008646	-0.003855
	0.033511	0.018582	-0.014736	-0.040357	0.011365	0.021453
	0.019478	0.005739	0.003063	0.037802	0.066081	-0.049381
	-0.014415					
z162	-0.009226	-0.012043	0.078103	-0.025468	-0.006955	0.035025
	-0.023227	0.040326	-0.020281	-0.060475	0.006959	-0.027654
	-0.013074	-0.012828	0.034558	0.018959	0.002964	0.041044
	0.027232	-0.022699	-0.004900	0.015368	-0.018301	0.006269
	-0.013329	-0.044672	0.043578	-0.028372	0.010648	-0.024837
	0.029106					

x163	0.003378	0.011175	-0.051743	0.010061	-0.010334	-0.001060
	-0.034370	-0.054374	0.014672	-0.002370	-0.028683	0.022573
	0.037305	-0.002711	-0.010466	0.091864	0.040616	-0.077727
	-0.056177	-0.021012	-0.015296	-0.033140	-0.027297	0.041053
	-0.041942	-0.022930	0.064904	-0.040667	-0.111085	0.020988
	0.023992					
y163	0.009727	0.036284	0.041544	-0.000355	-0.027472	0.020099
	0.038189	-0.000898	-0.017133	-0.038545	-0.017590	-0.039743
	0.021300	-0.033407	-0.051683	-0.045050	-0.003395	0.014502
	0.036952	0.030757	-0.012496	-0.036328	0.029889	0.031536
	0.006475	0.003949	0.019425	0.035002	0.077400	-0.030616
	-0.029618					
z163	-0.008200	-0.020177	0.081240	-0.021537	0.005560	0.032027
	-0.016311	0.042421	-0.026194	-0.060672	0.005372	-0.021179
	0.003698	-0.002346	0.036658	0.011783	0.020323	0.040274
	0.023773	-0.008111	0.017336	0.025603	-0.033372	0.010055
	-0.004006	-0.057225	0.023883	-0.030125	-0.001169	0.011094
	0.031340					
x164	0.004544	0.017128	-0.055643	0.021830	-0.015891	-0.004360
	-0.032166	-0.046279	0.005275	-0.010197	-0.020734	0.008907
	0.045366	0.010166	-0.010193	0.087463	0.047218	-0.090718
	-0.052174	-0.005514	0.002371	-0.014354	-0.053999	0.006420
	-0.028677	0.002526	0.040413	-0.052737	-0.065731	0.060270
	-0.019345					
y164	0.012448	0.026628	0.046137	-0.001127	-0.026418	0.018637
	0.045725	0.002109	-0.026806	-0.033894	-0.025018	-0.038122
	0.020014	-0.047814	-0.059019	-0.051573	0.015374	0.035173
	0.042188	0.046633	-0.024465	-0.045748	0.038132	0.067968
	0.015968	-0.013464	0.016789	0.023976	0.049041	-0.063597
	-0.007388					
z164	-0.007458	-0.023760	0.076312	-0.015419	0.008333	0.028191
	-0.005649	0.032972	-0.032510	-0.052951	0.005530	-0.005167
	0.029287	0.017320	0.040447	0.019140	0.060459	0.030984
	0.009090	0.014897	0.037133	0.020518	-0.052167	0.034683
	0.018821	-0.055315	0.007945	-0.036233	-0.033479	0.037547
	0.026440					
x165	0.002952	0.022854	-0.059426	0.031430	-0.017960	-0.008463
	-0.019286	-0.027084	-0.007996	-0.009900	-0.024788	-0.005144
	0.045323	0.016032	-0.019532	0.084160	0.051310	-0.085754
	-0.056085	0.046639	0.007100	0.007216	-0.065545	0.005161
	-0.025773	0.006991	0.015678	-0.073851	-0.038546	0.023145
	-0.043791					

y165	0.016589	0.019315	0.048503	-0.003008	-0.027677	0.013066
	0.051468	-0.000076	-0.037409	-0.029677	-0.028376	-0.037053
	0.017235	-0.051286	-0.045323	-0.046112	0.027927	0.050791
	0.047842	0.044722	-0.035103	-0.072035	0.043417	0.099312
	0.006473	-0.006887	0.042797	-0.000410	0.033065	-0.043252
	0.014238					
z165	-0.007060	-0.020765	0.065808	-0.006925	0.006638	0.021299
	0.005274	0.019828	-0.040834	-0.042268	0.006951	0.012519
	0.059829	0.042725	0.058802	0.034627	0.106011	0.021076
	-0.012451	0.047621	0.060293	0.013834	-0.074872	0.061510
	0.038740	-0.038453	-0.001504	-0.038991	-0.067238	0.095872
	0.012275					
x166	0.060511	0.016132	0.009939	0.004848	0.034299	-0.030266
	-0.016437	-0.020747	-0.014012	-0.095464	-0.009882	0.079423
	-0.006053	0.020612	0.023431	0.048974	-0.005699	0.073791
	0.026563	-0.015578	0.024690	-0.018276	0.053977	-0.077631
	0.021995	0.076520	-0.025160	-0.003974	-0.038650	-0.003248
	-0.010423					
y166	0.022991	0.007375	-0.019480	0.069706	-0.046271	0.050465
	0.028147	0.026326	-0.006654	-0.012149	0.010638	-0.041211
	0.057244	-0.039093	0.008212	-0.023550	-0.060426	-0.060601
	0.025952	-0.027687	-0.040122	-0.004837	0.076485	0.028396
	0.051834	0.045122	0.009471	-0.087459	0.050219	0.004920
	0.042695					
z166	0.020278	0.036597	0.026969	-0.034115	0.011907	0.033354
	-0.037218	-0.005379	0.023719	-0.005333	-0.003764	0.009414
	0.050714	-0.005153	-0.009528	0.001795	0.050601	-0.020538
	-0.028003	0.007589	0.034603	-0.010055	-0.043304	0.000435
	0.079116	0.082640	-0.086347	-0.010652	0.070662	0.053616
	0.014940					
x167	0.063573	0.017676	0.011756	0.009896	0.023978	-0.034099
	-0.019150	-0.016038	-0.002897	-0.080642	-0.005168	0.067798
	-0.006898	0.028074	0.026018	0.030536	-0.012814	0.056970
	0.000793	-0.028889	0.038066	-0.027668	0.056764	-0.078076
	0.018614	0.072213	0.003048	-0.009519	-0.028655	0.037067
	-0.013297					
y167	0.020258	0.001474	-0.023279	0.066913	-0.049018	0.049719
	0.032569	0.016232	-0.018887	-0.010173	0.016140	-0.028524
	0.047064	-0.031396	0.019160	-0.014605	-0.045526	-0.047763
	0.017174	-0.035830	-0.018338	-0.000541	0.064054	0.016991
	0.039439	0.020914	0.012322	-0.055744	0.039279	0.005935
	0.022946					

z167	0.018002	0.030204	0.028063	-0.034633	0.010163	0.039936
	-0.036033	0.001069	0.004565	-0.008596	-0.001519	0.022439
	0.043476	-0.018715	-0.023714	-0.000152	0.047204	-0.011497
	-0.022359	0.000474	0.040526	-0.000081	-0.035352	0.013267
	0.059324	0.044946	-0.076749	0.005353	0.019937	0.034148
	-0.008095					
x168	0.066796	0.016624	0.014608	0.016569	0.017431	-0.032574
	-0.018863	-0.015751	0.004130	-0.063746	-0.004160	0.062362
	-0.003291	0.030786	0.019369	0.007697	-0.015924	0.048378
	-0.007255	-0.026623	0.047196	-0.027185	0.036384	-0.067569
	0.008846	0.074083	0.000092	0.000102	-0.031000	0.067658
	-0.025772					
y168	0.017453	-0.004501	-0.026084	0.061883	-0.050082	0.046977
	0.035815	0.009016	-0.027526	-0.010637	0.021255	-0.016241
	0.037846	-0.028096	0.025863	-0.006508	-0.033615	-0.036494
	0.014869	-0.037244	-0.005754	0.003114	0.052873	0.012370
	0.030048	0.000592	0.015302	-0.026649	0.025782	-0.002567
	0.010677					
z168	0.016360	0.023584	0.029846	-0.033287	0.005187	0.043321
	-0.033424	0.004674	-0.008976	-0.010698	0.003709	0.028009
	0.035026	-0.019033	-0.026899	0.001079	0.043579	-0.009421
	-0.017657	-0.017817	0.046117	0.002443	-0.020800	0.011384
	0.042556	0.013661	-0.056299	0.025739	-0.013410	0.026767
	-0.023860					
x169	0.068926	0.017907	0.015279	0.019687	0.010406	-0.031109
	-0.013865	-0.017783	0.012679	-0.053470	0.002833	0.054578
	-0.006376	0.035910	0.001814	-0.010101	-0.008403	0.034827
	-0.014586	-0.010980	0.052437	-0.025369	0.022642	-0.037948
	0.033669	0.067818	0.005132	-0.004426	-0.039500	0.082731
	-0.023484					
y169	0.015949	-0.010561	-0.028536	0.055419	-0.050114	0.042371
	0.036460	0.004195	-0.031606	-0.011219	0.026443	-0.007750
	0.033002	-0.025839	0.032086	0.000745	-0.026951	-0.025405
	0.015668	-0.035651	0.002098	0.006530	0.042910	0.009270
	0.023250	-0.010792	0.015914	-0.000545	0.013768	-0.007972
	0.000874					
z169	0.014004	0.014977	0.032463	-0.030663	0.002091	0.043750
	-0.031030	0.010374	-0.021439	-0.010964	0.007536	0.026554
	0.029049	-0.017429	-0.024426	0.005215	0.035267	-0.006033
	-0.010607	-0.040814	0.047349	0.002328	-0.003519	0.002788
	0.015606	-0.002107	-0.025343	0.044645	-0.038949	0.031451
	-0.040575					

x170	0.067592	0.015683	0.018211	0.024845	0.005256	-0.032488
	-0.007920	-0.012123	0.019298	-0.047013	0.007024	0.049346
	-0.010233	0.036903	-0.007824	-0.016762	-0.004542	0.016253
	-0.017413	-0.007249	0.043469	-0.015124	0.018371	-0.022682
	0.038854	0.055530	0.012874	-0.005386	-0.059163	0.086305
	-0.008484					
y170	0.016218	-0.014867	-0.033152	0.046778	-0.046975	0.040898
	0.036152	-0.004568	-0.037093	-0.009742	0.028991	-0.001807
	0.031375	-0.021644	0.034257	0.007374	-0.020077	-0.005190
	0.014260	-0.029797	0.011562	0.004805	0.029069	0.006266
	0.026676	-0.019536	-0.003924	0.013418	0.003277	-0.025277
	-0.013904					
z170	0.013700	0.007878	0.032500	-0.027974	0.000207	0.047883
	-0.027102	0.003526	-0.030454	-0.009952	0.008951	0.026513
	0.023918	-0.011274	-0.022637	0.008286	0.030355	-0.004487
	-0.003309	-0.048760	0.044542	0.000390	0.003887	0.005629
	0.014439	-0.020718	-0.021729	0.057271	-0.065454	0.016435
	-0.053432					
x171	0.064362	0.013359	0.019585	0.025251	0.004708	-0.027774
	-0.000894	-0.011500	0.020812	-0.043301	0.005277	0.043450
	-0.016801	0.035706	-0.012526	-0.013484	0.003079	0.007536
	-0.009681	-0.021012	0.034349	-0.019559	0.020893	-0.020554
	0.035209	0.035605	0.019073	-0.005376	-0.049310	0.050856
	-0.009058					
y171	0.017090	-0.018508	-0.036764	0.037835	-0.044691	0.035775
	0.033541	-0.008155	-0.036655	-0.008405	0.034232	0.002681
	0.031831	-0.018021	0.031550	0.009398	-0.016537	0.006472
	0.008054	-0.014586	0.016174	0.009859	0.015137	0.011146
	0.030472	-0.018923	-0.018300	0.021383	-0.015293	-0.024902
	-0.016380					
z171	0.012736	0.002059	0.031998	-0.025415	-0.000866	0.050858
	-0.024215	-0.004091	-0.035691	-0.007978	0.009570	0.025643
	0.019751	-0.000973	-0.023961	0.011916	0.026585	-0.004851
	0.003955	-0.050657	0.034376	-0.000107	0.009299	0.007936
	0.012705	-0.030629	-0.020584	0.061792	-0.087999	0.004469
	-0.059721					
x172	0.064434	0.014206	0.020068	0.027878	0.002201	-0.022450
	0.003467	-0.014194	0.025750	-0.032391	0.008458	0.033950
	-0.015489	0.031079	-0.017989	-0.012815	0.002719	0.004360
	-0.004772	-0.025581	0.031171	-0.028589	0.039452	-0.020443
	0.030442	0.023306	0.026741	-0.011888	-0.053379	0.036725
	0.008043					

y172	0.016025	-0.023824	-0.040002	0.025194	-0.039483	0.030302
	0.031579	-0.006789	-0.037727	-0.012642	0.036728	0.007211
	0.030717	-0.014477	0.028844	0.014226	-0.011363	0.011923
	0.000859	-0.003199	0.013140	0.017293	-0.009937	0.006766
	0.032879	-0.009394	-0.026222	0.023706	-0.015446	-0.031403
	-0.027363					
z172	0.011325	-0.001965	0.030629	-0.022932	-0.002150	0.054104
	-0.020424	-0.012320	-0.037156	-0.004869	0.012972	0.024858
	0.017025	0.008078	-0.023948	0.011222	0.017463	-0.005098
	0.009819	-0.045686	0.020222	0.000192	0.017902	0.006482
	0.016221	-0.026852	-0.017419	0.053864	-0.098124	0.006077
	-0.058699					
x173	0.064627	0.014062	0.020514	0.028804	0.000791	-0.015401
	0.007170	-0.014174	0.028751	-0.021775	0.016752	0.032026
	-0.014937	0.023753	-0.023493	-0.018095	0.010450	-0.005778
	-0.003081	-0.018455	0.021235	-0.025625	0.037899	-0.025397
	0.030240	0.020223	0.013860	-0.011695	-0.051692	0.025463
	0.017942					
y173	0.014766	-0.026882	-0.041643	0.012919	-0.033200	0.021641
	0.028276	-0.005834	-0.035687	-0.014653	0.037593	0.001267
	0.028173	-0.007559	0.028537	0.023458	-0.014916	0.023115
	-0.000283	0.002068	0.014476	0.012429	-0.011915	0.010027
	0.023026	-0.008271	-0.024157	0.018888	-0.018976	-0.035868
	-0.038159					
z173	0.009782	-0.004535	0.030238	-0.019712	-0.000572	0.055893
	-0.019309	-0.022993	-0.035585	0.000031	0.017321	0.019821
	0.014790	0.020692	-0.021086	0.011210	0.007527	-0.008063
	0.017940	-0.035442	0.004890	-0.004174	0.028659	0.003837
	0.013185	-0.016518	-0.016005	0.041381	-0.100484	0.011923
	-0.059828					
x174	0.063129	0.014038	0.019349	0.030416	0.000986	-0.010055
	0.010296	-0.013447	0.029609	-0.008776	0.030724	0.031966
	-0.024891	0.017673	-0.025861	-0.027193	0.021744	-0.009661
	0.001464	-0.023203	0.006438	-0.022079	0.031007	-0.014607
	0.026551	0.021156	0.005770	-0.004371	-0.034951	0.034009
	0.046309					
y174	0.014653	-0.030245	-0.041653	-0.000743	-0.027109	0.014176
	0.024531	-0.004093	-0.030481	-0.018342	0.034982	-0.007797
	0.030207	-0.001587	0.024070	0.032963	-0.020914	0.026324
	-0.002763	0.015263	0.015447	0.005452	-0.015564	0.001645
	0.017243	-0.011363	-0.017186	0.007034	-0.027307	-0.049470
	-0.053781					

z174	0.008323	-0.005707	0.029519	-0.016707	0.001902	0.059088
	-0.019823	-0.036163	-0.029854	0.005604	0.021305	0.014849
	0.010849	0.033415	-0.019874	0.010530	-0.001943	-0.017418
	0.027385	-0.022145	-0.014010	-0.013285	0.035134	-0.000741
	0.016146	-0.007433	-0.012465	0.023020	-0.093873	0.013445
	-0.046943					
x175	0.059948	0.015560	0.019392	0.034554	-0.002390	-0.009738
	0.012733	-0.011724	0.032949	-0.002174	0.032465	0.029323
	-0.034324	0.016926	-0.032488	-0.023356	0.020948	-0.008700
	0.004515	-0.024897	0.007598	-0.028703	0.027638	-0.011337
	0.021041	0.015099	0.020690	-0.018071	-0.010575	0.030235
	0.058509					
y175	0.015314	-0.034803	-0.041308	-0.018032	-0.017770	0.010019
	0.021129	-0.000953	-0.026913	-0.014415	0.042752	-0.014765
	0.032533	-0.001908	0.022897	0.028975	-0.020544	0.021948
	-0.006976	0.024844	0.003277	0.005888	-0.026943	-0.000138
	0.019203	-0.005532	-0.021460	0.014918	-0.034910	-0.044162
	-0.054567					
z175	0.003825	-0.003977	0.028413	-0.010350	0.002515	0.057406
	-0.020948	-0.050477	-0.021459	0.012496	0.018218	0.014656
	0.005011	0.047052	-0.015970	0.007798	-0.012683	-0.034569
	0.038272	0.000193	-0.030616	-0.026621	0.030617	-0.004834
	0.033079	0.008456	0.009034	0.014478	-0.062319	0.008183
	-0.036469					
x176	0.058776	0.014161	0.016555	0.032605	-0.006242	-0.007456
	0.014312	-0.015158	0.033561	0.001874	0.026679	0.030079
	-0.035195	0.019195	-0.030871	-0.012632	0.021586	-0.008941
	0.014430	-0.013630	0.004330	-0.037353	0.032175	-0.005667
	0.016441	0.000218	0.013796	-0.008882	-0.005828	0.012964
	0.051387					
y176	0.014324	-0.037372	-0.038948	-0.028053	-0.010962	0.003194
	0.018111	0.009252	-0.024812	-0.010346	0.052609	-0.020386
	0.028055	-0.006415	0.018228	0.020752	-0.015965	0.023351
	-0.012908	0.015603	0.004661	0.003643	-0.033689	0.006443
	0.022112	0.007389	-0.014745	0.017770	-0.027367	-0.025832
	-0.035246					
z176	-0.000344	-0.005436	0.024395	-0.004607	0.000374	0.052440
	-0.020748	-0.053796	-0.016785	0.017976	0.005507	0.016396
	0.001151	0.057511	-0.010366	0.011978	-0.011513	-0.036114
	0.052860	0.010992	-0.032396	-0.040185	0.033272	0.005222
	0.046145	0.026370	0.017448	0.034565	-0.027467	-0.001133
	-0.024747					

x177	0.057464	0.013971	0.012942	0.030185	-0.009957	-0.004491
	0.012374	-0.016976	0.033884	0.009390	0.021954	0.028431
	-0.036672	0.020496	-0.030921	-0.006226	0.021512	-0.009547
	0.012844	-0.009443	0.002783	-0.036672	0.031222	-0.006075
	0.012193	-0.000878	0.004565	-0.001823	-0.005374	0.006121
	0.049903					
y177	0.013864	-0.041644	-0.035448	-0.036530	-0.004041	-0.004176
	0.017649	0.017357	-0.021902	-0.014914	0.060643	-0.026009
	0.025797	-0.008439	0.014835	0.019234	-0.014774	0.025946
	-0.006537	0.016699	0.004124	-0.002778	-0.031167	0.016213
	0.019634	0.006654	-0.008664	0.015610	-0.021128	-0.017713
	-0.033016					
z177	-0.001904	-0.008879	0.020465	0.001240	-0.001332	0.050963
	-0.022085	-0.056815	-0.009956	0.017232	-0.001216	0.015494
	-0.000872	0.063415	-0.006721	0.019177	-0.012421	-0.035175
	0.062749	0.020085	-0.031751	-0.045156	0.038427	0.009287
	0.048916	0.034279	0.015102	0.029338	-0.009566	-0.006768
	-0.017301					
x178	0.054938	0.013897	0.011452	0.026986	-0.012783	-0.004528
	0.008844	-0.013624	0.035189	0.016454	0.021283	0.023879
	-0.038464	0.017112	-0.036183	0.000562	0.021846	-0.008637
	0.010355	-0.010073	0.001012	-0.035455	0.032205	-0.012600
	0.006186	0.002104	0.012670	-0.000394	0.007726	0.009712
	0.050489					
y178	0.015139	-0.046196	-0.033832	-0.044023	0.001177	-0.009982
	0.020862	0.021594	-0.021865	-0.019387	0.062050	-0.028932
	0.025582	-0.007175	0.020300	0.017686	-0.018851	0.029631
	0.001746	0.022484	0.005442	-0.010759	-0.028365	0.032543
	0.015113	0.002644	-0.019336	0.018718	-0.033546	-0.012289
	-0.033159					
z178	-0.001973	-0.012628	0.017603	0.006652	-0.003366	0.048392
	-0.021225	-0.055784	-0.003491	0.016240	-0.006711	0.014316
	-0.002793	0.063564	-0.004297	0.025672	-0.016895	-0.030116
	0.070086	0.024132	-0.029155	-0.048180	0.043836	0.012025
	0.046347	0.036271	0.012854	0.020290	0.001134	-0.006524
	-0.008139					
x179	0.051244	0.012351	0.010703	0.023083	-0.015534	-0.006791
	0.008378	-0.008188	0.032113	0.023455	0.023464	0.015129
	-0.040287	0.014979	-0.040120	0.006325	0.017373	-0.006269
	0.009204	-0.011508	0.001763	-0.030193	0.029676	-0.007683
	-0.005762	0.010087	0.010645	-0.002908	0.009460	0.016995
	0.034207					

y179	0.017693	-0.048295	-0.032882	-0.051185	0.006501	-0.011354
	0.017591	0.020418	-0.016461	-0.026576	0.056142	-0.024583
	0.024610	-0.007648	0.024114	0.020510	-0.012171	0.025686
	0.008961	0.032908	0.001972	-0.023968	-0.026672	0.033625
	0.021479	-0.015437	-0.017625	0.030098	-0.033947	-0.022758
	-0.008026					
z179	-0.001857	-0.016527	0.015982	0.011712	-0.004576	0.046258
	-0.019996	-0.053027	0.002368	0.012904	-0.012252	0.011819
	-0.004948	0.059032	-0.001072	0.029146	-0.025595	-0.026973
	0.077724	0.030226	-0.029294	-0.048031	0.048458	0.015793
	0.035818	0.039655	0.016380	0.014634	0.007421	0.000786
	-0.002048					
x180	0.049271	0.012764	0.009033	0.019622	-0.019884	-0.004028
	0.008367	-0.012584	0.032937	0.029287	0.024070	0.013369
	-0.043595	0.013959	-0.039485	0.012823	0.019013	-0.010056
	0.014076	-0.000312	-0.002509	-0.031121	0.025311	-0.004977
	-0.001189	0.001351	-0.008891	0.001574	0.005417	0.004842
	0.035789					
y180	0.018044	-0.052775	-0.029725	-0.059447	0.014507	-0.020521
	0.014231	0.033111	-0.018380	-0.031735	0.051237	-0.027585
	0.026917	-0.008428	0.021746	0.022301	-0.012358	0.029815
	0.000292	0.025748	0.005801	-0.026376	-0.025558	0.039394
	0.009362	-0.008725	0.011355	0.029660	-0.027045	-0.010938
	-0.007727					
z180	-0.000846	-0.019436	0.015080	0.017025	-0.005580	0.045998
	-0.017312	-0.054186	0.007435	0.010844	-0.018825	0.013026
	-0.006375	0.055634	0.003062	0.031685	-0.034026	-0.025933
	0.083319	0.042517	-0.033231	-0.050683	0.055357	0.020364
	0.030893	0.036662	0.017170	0.014960	0.006400	0.009458
	0.003581					
x181	0.045807	0.011120	0.005603	0.014366	-0.022575	-0.003858
	0.007981	-0.011863	0.031959	0.032509	0.027897	0.006807
	-0.045145	0.008374	-0.038883	0.019375	0.023075	-0.008602
	0.011850	0.001963	-0.003666	-0.032617	0.024419	-0.003760
	0.002242	0.007036	-0.009911	0.000992	-0.000856	0.019331
	0.023327					
y181	0.019364	-0.054683	-0.021477	-0.064739	0.019452	-0.028766
	0.010749	0.040693	-0.018014	-0.033402	0.041409	-0.025900
	0.028271	-0.002848	0.019242	0.019707	-0.022100	0.027332
	0.004909	0.026632	0.004891	-0.021246	-0.023246	0.047217
	-0.004111	-0.025810	0.020367	0.036588	-0.016335	-0.029134
	0.003634					

z181	0.000970	-0.022802	0.013821	0.023213	-0.005148	0.045267
	-0.015202	-0.053214	0.010999	0.006267	-0.024257	0.016167
	-0.005611	0.047176	0.009681	0.030271	-0.044472	-0.022822
	0.084722	0.052809	-0.036705	-0.047798	0.062305	0.020520
	0.024182	0.041082	0.026478	0.017679	0.004121	0.036358
	0.000938					
x182	0.040884	0.008367	0.003772	0.008885	-0.024783	-0.007169
	0.005483	-0.006425	0.029190	0.036029	0.033313	-0.002334
	-0.046088	0.002145	-0.038748	0.025528	0.024060	-0.005830
	0.008799	0.001190	-0.001222	-0.032714	0.021014	-0.000028
	-0.001043	0.005818	-0.004534	0.000387	-0.008908	0.017109
	0.014624					
y182	0.023258	-0.053680	-0.019893	-0.069240	0.019586	-0.027728
	0.012925	0.035533	-0.010037	-0.033653	0.031134	-0.019744
	0.024249	0.000117	0.016272	0.016964	-0.022496	0.023381
	0.008738	0.031807	0.000910	-0.019702	-0.017855	0.047679
	0.000438	-0.029076	0.002871	0.047767	0.004173	-0.014440
	0.012787					
z182	0.003785	-0.026295	0.012243	0.032558	-0.005316	0.043333
	-0.015092	-0.048844	0.015529	0.002888	-0.027019	0.020520
	-0.005609	0.033461	0.016762	0.025080	-0.051362	-0.017984
	0.081531	0.060219	-0.038727	-0.040816	0.059827	0.020284
	0.006128	0.041711	0.029088	0.017228	-0.001256	0.049750
	-0.006495					
x183	0.036577	0.005803	0.003127	0.003780	-0.025726	-0.009272
	0.005092	-0.001837	0.026774	0.040624	0.038110	-0.007883
	-0.044741	-0.001350	-0.037286	0.031558	0.020065	-0.001062
	0.007620	0.004647	-0.002326	-0.033720	0.020601	0.002363
	-0.015685	-0.000496	0.007022	0.008376	0.004637	0.022547
	-0.002213					
y183	0.026389	-0.052126	-0.020108	-0.071713	0.017478	-0.029394
	0.007987	0.033983	-0.006786	-0.037734	0.017853	-0.018302
	0.011243	-0.005210	0.012911	0.021361	-0.010785	0.014314
	0.002795	0.036268	0.012601	-0.023285	-0.016957	0.031870
	0.027142	-0.014905	-0.018847	0.047284	-0.007715	0.009315
	0.050618					
z183	0.006282	-0.033197	0.011067	0.040189	-0.004024	0.041724
	-0.014416	-0.045607	0.020022	0.000608	-0.026093	0.016483
	-0.006224	0.018982	0.016793	0.023396	-0.053952	-0.017361
	0.081841	0.067368	-0.039891	-0.037528	0.050305	0.033330
	0.001129	0.029978	0.022046	0.030611	-0.001046	0.043407
	-0.025957					

x184	0.032207	0.003600	0.002456	-0.003286	-0.024305	-0.011268
	0.002940	0.001835	0.023288	0.042271	0.037166	-0.014068
	-0.049015	-0.006341	-0.035682	0.046258	0.019181	-0.001132
	0.006006	0.011100	-0.002025	-0.036653	0.017442	0.008375
	-0.023757	-0.007201	0.009977	0.013290	0.007194	0.019087
	-0.001130					
y184	0.027147	-0.051933	-0.012138	-0.077658	0.016715	-0.035122
	0.005067	0.041975	-0.004284	-0.041800	0.013004	-0.022015
	0.015503	0.004904	0.013771	0.006870	-0.010963	0.016212
	0.011795	0.025552	0.003925	-0.010692	-0.023265	0.029880
	0.017475	0.007769	0.004313	0.052454	-0.001336	0.005704
	0.013446					
z184	0.003888	-0.036960	0.007757	0.050160	-0.010872	0.034412
	-0.013659	-0.040277	0.020922	0.004207	-0.017970	-0.008550
	0.001944	0.008297	0.020179	-0.001899	-0.060977	-0.019653
	0.079667	0.068577	-0.019980	-0.029976	0.058490	0.032171
	0.020026	0.056480	0.016481	0.038639	0.000763	0.042087
	-0.050293					
x185	0.027519	0.001434	0.002627	-0.010223	-0.024876	-0.013802
	-0.000318	0.007332	0.021555	0.043446	0.036920	-0.021090
	-0.053989	-0.009780	-0.035322	0.059120	0.018142	0.002905
	0.005904	0.011995	-0.011601	-0.033537	0.010062	0.006371
	-0.044108	0.002835	0.021034	0.011190	0.013616	0.029048
	-0.010755					
y185	0.026133	-0.052039	-0.010253	-0.080227	0.018566	-0.040947
	0.006401	0.047656	-0.006738	-0.038407	0.010469	-0.025549
	0.024188	0.016202	0.016072	-0.007209	-0.011955	0.003650
	-0.007346	0.033213	0.019246	-0.011846	-0.019731	0.038009
	0.036557	-0.037686	-0.001452	0.058045	-0.019094	-0.057624
	0.000464					
z185	0.003688	-0.038718	0.001402	0.052361	-0.016858	0.030467
	-0.003612	-0.033362	0.026358	0.014788	-0.018483	-0.027951
	0.018368	0.008606	0.022189	-0.026997	-0.061314	-0.019785
	0.071049	0.083575	0.005496	-0.031060	0.050874	0.018471
	0.048169	0.070228	0.002246	0.023566	-0.016222	0.031879
	-0.040511					
x186	0.022518	-0.000294	0.002547	-0.014696	-0.025277	-0.016261
	-0.002227	0.013741	0.018004	0.044376	0.039552	-0.034065
	-0.056269	-0.014425	-0.029893	0.065857	0.008543	0.002138
	0.002566	0.013506	0.001298	-0.029590	0.006754	0.005402
	-0.055314	0.011993	0.021531	0.017171	0.026650	0.033827
	-0.013743					

y186	0.031944	-0.045278	-0.014198	-0.083771	0.015144	-0.041320
	0.004720	0.042458	-0.000305	-0.028971	0.006988	-0.022562
	0.021026	0.037388	0.024646	-0.009556	-0.018684	-0.007992
	-0.021834	0.020508	0.019937	-0.016860	-0.015979	0.043796
	0.047600	-0.030090	-0.007171	0.087050	-0.024686	-0.068942
	0.006216					
z186	0.008227	-0.041762	-0.001649	0.054246	-0.015843	0.031028
	0.003344	-0.025267	0.037110	0.017140	-0.024629	-0.015994
	0.025636	0.007211	0.017706	-0.025906	-0.045614	-0.016232
	0.050498	0.095230	-0.009121	-0.032225	0.025515	0.007228
	0.040409	0.045224	-0.002077	-0.004140	-0.042135	0.029145
	-0.050106					
x187	0.017188	0.000052	0.003584	-0.021146	-0.026950	-0.018654
	-0.001725	0.016208	0.011598	0.046621	0.038481	-0.036813
	-0.053848	-0.013304	-0.027648	0.065233	0.002559	-0.000323
	-0.002679	0.018502	0.006244	-0.021882	0.005389	0.010483
	-0.054009	0.014774	0.020318	0.020490	0.023014	0.024058
	-0.016230					
y187	0.032805	-0.046745	-0.019369	-0.088502	0.008048	-0.046773
	-0.001742	0.057967	0.011765	-0.025086	0.009154	-0.049309
	0.017764	0.035575	0.021553	-0.007768	-0.017254	-0.003374
	-0.013515	0.000119	0.003009	-0.018468	-0.015466	0.045151
	0.015024	-0.011087	0.027929	0.082592	-0.019079	-0.043278
	-0.028894					
z187	0.011337	-0.047459	-0.004035	0.055995	-0.011017	0.030760
	0.006212	-0.007983	0.047360	0.014424	-0.028459	-0.021102
	0.027977	0.001223	0.008634	-0.018712	-0.035163	-0.011130
	0.038883	0.094602	-0.021328	-0.039429	0.006915	-0.006512
	0.021823	0.033626	0.011077	-0.022660	-0.048118	0.049884
	-0.067116					
x188	0.011403	-0.000025	0.007039	-0.026659	-0.025325	-0.022779
	-0.000662	0.024603	0.001875	0.048664	0.034851	-0.039348
	-0.050519	-0.011474	-0.024804	0.063711	-0.006841	-0.002016
	-0.006959	0.025990	0.013736	-0.010940	0.005306	0.010790
	-0.063509	0.024949	0.026421	0.019000	0.022995	0.032421
	-0.025732					
y188	0.033625	-0.049679	-0.024211	-0.083793	0.004285	-0.050156
	-0.003419	0.067035	0.017435	-0.024090	0.006123	-0.063521
	0.008375	0.031912	0.025847	0.008770	-0.008499	-0.007229
	-0.016176	0.002950	0.019870	-0.031530	-0.014021	0.032521
	-0.001170	-0.003785	0.022568	0.081904	-0.009552	-0.019720
	-0.052067					

z188	0.014111	-0.053777	-0.007718	0.057598	-0.009719	0.029458
	0.011060	0.003016	0.054689	0.011226	-0.030952	-0.028802
	0.028034	-0.008940	0.002490	-0.008275	-0.023521	-0.008322
	0.027182	0.088202	-0.026109	-0.053434	-0.007363	-0.017551
	0.015653	0.019198	0.015828	-0.032729	-0.053805	0.060323
	-0.069088					
x189	0.008530	0.002342	0.007294	-0.032207	-0.026356	-0.020673
	0.000349	0.021496	-0.004233	0.053314	0.029672	-0.034274
	-0.049897	-0.007503	-0.022025	0.064320	-0.007987	-0.010301
	-0.011914	0.041905	0.023363	-0.010056	-0.005317	0.013375
	-0.053861	0.019660	0.001460	0.022414	0.018325	0.013490
	-0.005290					
y189	0.041944	-0.048328	-0.029844	-0.083379	-0.008589	-0.041304
	-0.004012	0.050886	0.027364	-0.018872	-0.007808	-0.050323
	0.001679	0.041348	0.044295	0.027043	0.004469	-0.030210
	-0.021067	0.012368	0.039104	-0.060669	-0.025219	0.032230
	0.018177	-0.030654	-0.033716	0.074036	0.003278	-0.047019
	0.012311					
z189	0.017830	-0.057796	-0.012724	0.058812	-0.011212	0.032091
	0.016135	-0.003368	0.062640	0.006489	-0.032874	-0.025747
	0.028338	-0.015077	0.005704	-0.000030	-0.011823	-0.015193
	0.013948	0.084677	-0.027690	-0.070546	-0.013966	-0.012965
	0.039414	-0.010127	-0.010468	-0.031632	-0.058992	0.026546
	-0.042699					
x190	0.004067	0.002432	0.009046	-0.037443	-0.027187	-0.022849
	0.002118	0.027351	-0.012829	0.057911	0.025784	-0.036466
	-0.049745	-0.001690	-0.021715	0.060151	-0.013441	-0.017098
	-0.013760	0.052562	0.032284	-0.008735	-0.012196	0.010015
	-0.058300	0.022203	-0.008393	0.019199	0.008132	-0.001236
	0.000313					
y190	0.041184	-0.054310	-0.022444	-0.082663	-0.015890	-0.051526
	-0.009064	0.068575	0.023223	-0.020157	-0.008940	-0.068448
	0.010484	0.057136	0.059789	0.013361	-0.009465	-0.029946
	-0.001023	-0.021599	0.047177	-0.056341	0.002486	0.004136
	-0.022099	-0.009965	0.016611	0.044636	0.040043	-0.012548
	-0.010814					
z190	0.020065	-0.060825	-0.011732	0.060023	-0.009556	0.029826
	0.019474	-0.007127	0.064504	-0.001179	-0.036419	-0.024457
	0.041681	-0.017618	0.018563	0.000561	-0.008452	-0.016886
	0.002381	0.072651	-0.032945	-0.069137	-0.004580	-0.011579
	0.050806	-0.026850	-0.004259	-0.026958	-0.039613	0.027640
	-0.042377					

x191	-0.002425	0.004330	0.011688	-0.043012	-0.024920	-0.023471
	0.003709	0.030546	-0.020456	0.063457	0.022693	-0.036940
	-0.049998	0.003879	-0.030283	0.054777	-0.021318	-0.017945
	-0.022287	0.069700	0.033477	0.000322	-0.018891	0.007603
	-0.049544	0.027112	-0.013412	0.019464	-0.009875	-0.014575
	0.004207					
y191	0.038612	-0.047589	-0.019958	-0.077205	-0.021294	-0.044637
	-0.014104	0.054448	0.027236	-0.020123	-0.014056	-0.063721
	0.014188	0.067887	0.048999	0.002439	-0.014743	-0.028041
	-0.006716	-0.015970	0.034566	-0.042746	0.015282	-0.005396
	0.032275	-0.009639	0.022504	0.064503	0.038663	-0.043984
	-0.002506					
z191	0.021636	-0.062825	-0.009437	0.062661	-0.006256	0.027599
	0.024060	-0.006489	0.063938	-0.010856	-0.038736	-0.020088
	0.054525	-0.024827	0.024042	-0.001655	-0.005790	-0.011848
	-0.012043	0.057175	-0.035598	-0.066447	0.005528	-0.006223
	0.062311	-0.043012	0.013103	-0.011362	-0.016668	0.031255
	-0.048070					
x192	-0.010161	0.005524	0.019467	-0.049644	-0.020187	-0.025080
	0.004422	0.040557	-0.033470	0.066330	0.019480	-0.038416
	-0.045490	0.008419	-0.038250	0.043898	-0.036117	-0.015641
	-0.033090	0.073948	0.034879	0.013606	-0.021849	0.002044
	-0.055713	0.023180	0.013810	0.004872	-0.027896	0.004734
	-0.011657					
y192	0.036263	-0.044969	-0.018434	-0.075433	-0.028818	-0.034812
	-0.020967	0.052686	0.028977	-0.023134	-0.017413	-0.059106
	0.013705	0.061724	0.038877	-0.000100	-0.012441	-0.028595
	-0.013301	-0.042011	0.018701	-0.038957	0.029824	-0.029160
	0.033085	-0.031457	0.047485	0.048040	0.044426	-0.026907
	0.007691					
z192	0.024697	-0.065356	-0.015310	0.064685	-0.007626	0.025228
	0.029481	-0.009071	0.067939	-0.017294	-0.042936	-0.016335
	0.058313	-0.034855	0.029230	0.006381	0.006311	-0.012369
	-0.023507	0.043621	-0.039723	-0.071178	0.014367	-0.000206
	0.066266	-0.037774	-0.007355	0.010986	0.006772	0.015002
	-0.018147					
x193	-0.016003	0.009244	0.018679	-0.049511	-0.018511	-0.019748
	0.001781	0.039728	-0.036313	0.064146	0.010806	-0.029431
	-0.048711	0.003788	-0.040162	0.038507	-0.024879	-0.025542
	-0.032232	0.096713	0.035269	0.008454	-0.022188	-0.003269
	-0.034213	0.019776	0.000742	0.003272	-0.022085	0.001038
	0.005491					

y193	0.036403	-0.037681	-0.027331	-0.068273	-0.039592	-0.020062
	-0.027957	0.053362	0.039221	-0.022018	-0.022582	-0.045814
	0.002194	0.052676	0.030907	-0.001559	0.005957	-0.038924
	-0.012307	-0.046134	-0.012237	-0.044055	0.034344	-0.066796
	0.018593	-0.007750	0.020718	0.025278	0.051693	-0.027021
	0.052032					
z193	0.028142	-0.068424	-0.011801	0.059268	-0.003735	0.016951
	0.038543	-0.002738	0.062093	-0.017235	-0.042380	-0.020958
	0.070017	-0.029847	0.032398	0.008230	-0.013297	0.005499
	-0.048095	0.003957	-0.056753	-0.048561	0.021564	-0.003121
	0.039281	-0.015652	0.001547	0.020988	0.006484	0.008913
	-0.017152					
x194	-0.028020	0.008324	0.021125	-0.049093	-0.014086	-0.016377
	0.005449	0.048569	-0.047502	0.057189	0.006986	-0.027819
	-0.044811	0.002363	-0.041212	0.025718	-0.035234	-0.050466
	-0.041755	0.095647	0.031666	0.029522	-0.008249	0.001127
	-0.035803	0.043800	-0.022349	0.015366	-0.010006	-0.001880
	-0.005824					
y194	0.027897	-0.027401	-0.032216	-0.060698	-0.044567	-0.015725
	-0.038049	0.062214	0.039567	-0.009573	-0.030388	-0.041366
	-0.008602	0.042728	0.033053	-0.005279	0.001990	-0.042113
	-0.015657	-0.035929	-0.039843	-0.015491	0.052253	-0.120329
	-0.007396	0.061788	0.012101	-0.017140	0.068359	0.002354
	0.073651					
z194	0.032493	-0.066717	-0.008626	0.050666	0.005425	0.005049
	0.044094	0.008443	0.054835	-0.004706	-0.052869	-0.024830
	0.072245	-0.036371	0.028745	0.019264	-0.018258	0.048321
	-0.072947	-0.004609	-0.062150	-0.048480	0.020568	-0.026239
	0.021867	-0.016884	0.025894	-0.000409	-0.000978	0.036440
	0.014046					
x195	-0.037083	0.010426	0.032475	-0.050987	-0.002813	-0.014426
	0.010347	0.055774	-0.065845	0.046696	-0.000155	-0.028204
	-0.032021	0.008747	-0.036876	-0.000013	-0.050932	-0.055731
	-0.054657	0.084997	0.017367	0.065006	0.004010	0.012180
	-0.026218	0.036703	-0.019152	0.014182	-0.023915	-0.004423
	-0.040596					
y195	0.028760	-0.016931	-0.032232	-0.055955	-0.043573	-0.007948
	-0.046028	0.068576	0.044988	-0.000889	-0.039907	-0.044601
	-0.018742	0.036583	0.029526	-0.006307	-0.007213	-0.035916
	-0.022584	-0.031263	-0.061656	0.020553	0.057013	-0.124365
	-0.018751	0.062541	0.015114	-0.041146	0.056526	0.040720
	0.048512					

z195	0.033445	-0.064021	-0.010074	0.047615	0.009134	-0.011237
	0.047858	0.016806	0.051952	0.002406	-0.061694	-0.026951
	0.070102	-0.046125	0.025572	0.029391	-0.019407	0.067758
	-0.089065	-0.000412	-0.059475	-0.049060	0.028317	-0.038309
	0.022383	-0.003354	0.049440	0.022755	0.016747	0.061372
	0.040609					
x196	-0.046085	0.011152	0.038863	-0.052428	0.003252	-0.010130
	0.014030	0.061865	-0.079568	0.035437	-0.001442	-0.023541
	-0.018149	0.021552	-0.032173	-0.018246	-0.060358	-0.055040
	-0.055062	0.059877	0.020734	0.071312	0.020794	0.018627
	0.010529	0.010277	-0.024027	0.028834	-0.048162	-0.019520
	-0.072711					
y196	0.029422	-0.012260	-0.038087	-0.052352	-0.047192	0.004289
	-0.048301	0.068709	0.051142	0.004977	-0.039227	-0.044417
	-0.017377	0.036237	0.018746	0.011047	-0.008383	-0.031385
	-0.014846	-0.046977	-0.049687	0.019984	0.048028	-0.110023
	0.003954	0.035208	-0.006903	-0.022076	0.021803	0.039953
	0.003471					
z196	0.031801	-0.059452	-0.013024	0.046416	0.012110	-0.027679
	0.050212	0.020798	0.047312	0.009078	-0.064104	-0.030122
	0.066408	-0.059865	0.016495	0.042022	-0.014933	0.076336
	-0.095742	0.005064	-0.060480	-0.041322	0.023786	-0.033776
	0.022532	0.007094	0.054607	0.051156	0.016286	0.064367
	0.041233					
x197	-0.054500	0.019857	0.033527	-0.044095	-0.001331	-0.014678
	0.008978	0.062164	-0.076994	0.028972	0.000484	-0.020978
	-0.011388	0.030693	-0.015363	-0.024714	-0.049236	-0.047487
	-0.065713	0.033753	0.028221	0.048870	0.017641	-0.008966
	0.040909	0.012568	-0.034515	0.044328	-0.039084	-0.016088
	-0.084873					
y197	0.029435	-0.002959	-0.047596	-0.038934	-0.053663	0.008879
	-0.054156	0.058069	0.061795	0.012672	-0.037033	-0.039280
	-0.014987	0.037567	0.006752	0.022322	0.005212	-0.026967
	-0.021936	-0.065685	-0.035181	0.013673	0.007341	-0.122134
	0.033805	0.043345	-0.038913	0.012622	0.013400	0.037467
	-0.034271					
z197	0.026421	-0.049577	-0.017026	0.046553	0.014136	-0.038747
	0.046302	0.022449	0.043730	0.012284	-0.060276	-0.026434
	0.056755	-0.069144	0.000447	0.044991	-0.006542	0.071154
	-0.091444	-0.000501	-0.062637	-0.033258	0.016926	-0.025195
	0.032303	0.010521	0.040128	0.066267	0.009195	0.056617
	0.039517					

x198	-0.055612	0.020857	0.036816	-0.032689	-0.009397	-0.009259
	0.010316	0.071531	-0.069660	0.021898	-0.010545	-0.019221
	-0.015434	0.028243	-0.003406	-0.016430	-0.037969	-0.033397
	-0.065222	-0.011649	0.041953	0.019199	0.032855	-0.009470
	0.056736	0.006215	-0.019768	0.016267	-0.027583	0.039651
	-0.068264					
y198	0.036360	-0.002087	-0.045875	-0.028034	-0.053922	0.024350
	-0.050787	0.056355	0.066075	0.012588	-0.058261	-0.034855
	-0.019294	0.029914	-0.001705	0.047711	0.003917	-0.018799
	-0.020146	-0.096519	-0.011726	0.011084	0.007582	-0.088744
	0.037233	0.042448	-0.057461	0.002253	0.012490	0.044691
	-0.038320					
z198	0.016989	-0.038317	-0.018972	0.047126	0.016063	-0.046409
	0.037580	0.028344	0.039845	0.012261	-0.054685	-0.017963
	0.038493	-0.071402	-0.009508	0.039860	0.001915	0.055187
	-0.076621	-0.007725	-0.063656	-0.016593	0.027025	-0.008400
	0.023045	0.021575	0.017943	0.052714	0.018958	0.062019
	0.035866					
x199	-0.062287	0.023326	0.042694	-0.018784	-0.020742	-0.015794
	0.017888	0.077339	-0.068149	0.011245	-0.021544	-0.009171
	-0.019109	0.028659	0.007451	-0.025429	-0.036271	-0.016510
	-0.069070	-0.022863	0.049646	0.003076	0.073923	-0.022923
	0.062894	0.000546	0.013104	-0.004260	-0.016385	0.087529
	-0.024148					
y199	0.040103	-0.001750	-0.044781	-0.016439	-0.051775	0.031368
	-0.040534	0.048693	0.066089	0.009232	-0.078867	-0.031029
	-0.022758	0.023458	-0.008040	0.054892	-0.001040	-0.018838
	-0.012824	-0.100012	0.010008	0.017445	0.022876	-0.049810
	0.017739	0.033392	-0.073148	-0.002246	0.018024	0.051949
	-0.019448					
z199	0.003371	-0.030597	-0.019755	0.049107	0.012416	-0.058544
	0.028609	0.033950	0.038038	0.009961	-0.049920	-0.009021
	0.021110	-0.071624	-0.018650	0.021995	0.010111	0.028299
	-0.054074	-0.001779	-0.062616	0.006655	0.044081	0.013722
	0.002510	0.023567	-0.002685	0.035175	0.034170	0.067349
	0.035598					
x200	-0.072433	0.020059	0.046309	0.000902	-0.038532	-0.025460
	0.017886	0.084147	-0.070432	0.011736	-0.025892	-0.010604
	-0.026836	0.022065	0.024028	-0.022377	-0.014525	0.007767
	-0.092756	0.013462	0.049021	-0.005538	0.116416	-0.024973
	0.051197	0.018230	0.040774	-0.004446	0.024731	0.061211
	-0.016332					

y200	0.037659	-0.005061	-0.045530	-0.002554	-0.052094	0.040126
	-0.035207	0.042076	0.054576	0.013410	-0.095597	-0.027305
	-0.029556	0.016493	-0.027081	0.046635	0.013098	-0.009447
	-0.022752	-0.060515	0.022024	0.031008	0.049982	0.012205
	0.008090	0.043909	-0.074383	-0.008134	0.038175	0.027158
	-0.038806					
z200	-0.013382	-0.032473	-0.016041	0.051866	0.000376	-0.070914
	0.017772	0.042585	0.032073	0.011796	-0.044146	-0.005865
	0.008882	-0.078051	-0.034560	-0.009250	0.028742	0.004345
	-0.034228	0.022590	-0.057169	0.034649	0.069819	0.050592
	-0.017420	0.019526	-0.018982	0.017416	0.053437	0.047253
	0.007206					
x201	-0.078686	0.018335	0.051184	0.013731	-0.051682	-0.050809
	0.014134	0.083404	-0.065023	0.002611	-0.015791	-0.022931
	-0.024273	0.026647	0.083345	-0.003703	-0.004451	0.012487
	-0.083743	0.019533	0.044285	-0.001696	0.116087	-0.026286
	-0.018700	-0.002586	0.050505	0.025728	0.060696	0.007665
	-0.025987					
y201	0.038996	-0.008048	-0.046694	0.006132	-0.046518	0.039979
	-0.029636	0.028520	0.055656	0.008647	-0.101424	-0.034809
	-0.027368	0.024108	-0.021040	0.035645	0.001818	-0.017930
	-0.006917	-0.057353	0.053874	0.044484	0.058558	0.088253
	-0.031118	0.048205	-0.074031	0.012744	0.051359	0.026883
	-0.055297					
z201	-0.024589	-0.035885	-0.008667	0.051981	-0.013114	-0.094464
	0.005483	0.044927	0.042407	0.009571	-0.025271	-0.013939
	0.011154	-0.068306	-0.013602	-0.037717	0.021810	-0.033736
	-0.002569	0.011428	-0.030980	0.059502	0.071722	0.099277
	-0.059720	0.019646	-0.025872	0.037972	0.068447	0.034693
	-0.028008					
x202	-0.077566	0.019819	0.047333	0.024022	-0.056306	-0.062045
	0.009706	0.087238	-0.038498	0.002042	0.016484	-0.015298
	-0.010212	0.019964	0.122632	-0.000808	0.002417	0.012341
	-0.062941	0.028640	0.008832	0.019166	0.105229	-0.031946
	-0.054309	-0.022869	0.036366	0.039480	0.053892	-0.002308
	-0.023168					
y202	0.039639	-0.008573	-0.048095	0.011076	-0.034428	0.047386
	-0.022564	0.012736	0.046851	0.004119	-0.111817	-0.031746
	-0.026503	0.033305	-0.020076	0.016559	0.006954	-0.042184
	0.002494	-0.039076	0.059780	0.061134	0.056137	0.177018
	-0.074352	0.033591	-0.084638	0.029676	0.019001	-0.037568
	-0.079411					

z202	-0.039392	-0.032203	0.000428	0.046864	-0.019172	-0.107155
	-0.007364	0.046396	0.049078	0.014499	-0.000230	0.006560
	0.014889	-0.061463	-0.013144	-0.085535	0.036047	-0.069525
	0.025629	0.026392	-0.049228	0.104668	0.065468	0.156613
	-0.112942	0.024175	-0.023858	0.049956	0.027671	-0.017818
	-0.059095					
x203	-0.069651	0.018605	0.039431	0.019684	-0.062374	-0.067513
	0.005258	0.090701	-0.033085	-0.008395	0.043236	0.018273
	-0.000575	0.036799	0.132904	-0.007024	0.003291	-0.021267
	-0.038395	0.047385	-0.025555	0.028780	0.054882	-0.012132
	-0.033270	0.016545	0.033479	0.044368	0.084379	0.031692
	0.014647					
y203	0.040051	0.005954	-0.058523	0.014915	-0.008531	0.071496
	-0.009401	0.005869	0.037059	-0.000739	-0.110422	-0.033752
	-0.020302	0.017428	-0.044302	0.012304	0.026538	-0.026185
	-0.009922	-0.017458	0.075235	0.031051	0.067795	0.141382
	-0.061929	0.012304	-0.070048	-0.021133	-0.021970	-0.074905
	-0.043379					
z203	-0.050543	-0.016727	-0.002758	0.041547	-0.016089	-0.106884
	-0.007371	0.040412	0.054609	0.007584	0.044968	0.024464
	0.016810	-0.072823	-0.034970	-0.104462	0.065111	-0.072290
	0.023197	0.061564	-0.071493	0.105561	0.048367	0.105842
	-0.057245	0.059968	-0.013937	-0.014460	-0.022801	-0.038047
	0.013743					
x204	-0.058637	0.018991	0.034817	0.017569	-0.055341	-0.067780
	0.002466	0.094237	-0.039022	-0.012401	0.054080	0.037919
	0.008596	0.052008	0.130983	-0.000935	-0.003521	-0.032604
	-0.021346	0.034979	-0.049426	0.005618	0.019772	-0.000489
	-0.031353	0.010151	0.022809	0.032453	0.090224	0.024424
	0.022946					
y204	0.044089	0.019901	-0.068939	0.017791	0.015078	0.092523
	-0.002769	0.004114	0.035720	-0.002029	-0.094847	-0.042262
	-0.006269	0.003133	-0.044345	0.016504	0.033463	-0.019722
	-0.010888	-0.014217	0.100097	0.001267	0.062317	0.104282
	-0.040888	0.013633	-0.062765	-0.037055	-0.036787	-0.075668
	-0.028591					
z204	-0.054566	0.000843	0.000036	0.044157	-0.003723	-0.110321
	-0.007468	0.033557	0.064360	-0.001817	0.088064	0.019052
	0.018792	-0.079320	-0.035990	-0.098746	0.074525	-0.044469
	0.027365	0.042875	-0.066189	0.076538	0.030298	0.020392
	-0.022343	0.074010	-0.017691	-0.035095	-0.020438	-0.038757
	0.059786					

x205	-0.046844	0.018638	0.029809	0.015771	-0.048781	-0.064614
	-0.000933	0.090963	-0.047764	-0.017964	0.053149	0.053049
	0.013535	0.062677	0.112204	-0.000437	-0.003293	-0.043096
	-0.006953	0.026121	-0.059373	-0.010244	0.000507	0.016221
	-0.032479	-0.017953	-0.001265	0.017252	0.074748	0.030921
	0.014184					
y205	0.047503	0.033268	-0.075695	0.019889	0.035610	0.108187
	-0.002516	0.010414	0.039667	-0.002671	-0.079930	-0.050674
	0.008061	-0.020137	-0.044268	0.011048	0.041828	-0.011595
	-0.010344	0.002332	0.114325	-0.022351	0.051101	0.075336
	-0.027497	0.026690	-0.037398	-0.048502	-0.030820	-0.060153
	0.007623					
z205	-0.048808	0.011427	0.008638	0.053437	0.002115	-0.129404
	-0.014424	0.017963	0.073748	-0.019035	0.112753	-0.007845
	0.020871	-0.043936	-0.030903	-0.084035	0.078253	-0.042286
	0.020337	0.012737	-0.024274	0.052559	0.016142	-0.012698
	0.006662	0.051115	-0.018035	0.000341	-0.010208	-0.015340
	0.017491					
x206	-0.032517	0.020736	0.024259	0.014292	-0.038134	-0.059808
	-0.003826	0.083963	-0.045728	-0.023985	0.051166	0.059270
	0.017230	0.060917	0.110845	0.009688	-0.004358	-0.054558
	0.002641	0.013169	-0.058033	-0.022697	-0.013268	0.042097
	-0.043212	-0.031298	-0.021973	0.008062	0.059552	0.023150
	0.013039					
y206	0.049466	0.044016	-0.080214	0.020906	0.050375	0.122246
	-0.010372	0.020449	0.042349	-0.006078	-0.074862	-0.058560
	0.019087	-0.039559	-0.044109	0.002058	0.045191	-0.009292
	-0.002134	0.011271	0.114134	-0.032616	0.042360	0.038199
	-0.014169	0.032987	-0.002814	-0.040787	0.005402	-0.027355
	0.042568					
z206	-0.049112	0.020776	0.011577	0.058339	-0.004647	-0.130414
	-0.005067	-0.003773	0.066223	-0.020632	0.107442	-0.023327
	0.020224	-0.026783	-0.044513	-0.086362	0.064771	-0.024723
	0.009174	-0.001070	-0.012254	0.029530	0.041127	-0.026588
	0.043567	0.022765	-0.047218	-0.019412	-0.034058	0.002946
	-0.018879					
x207	-0.017146	0.024588	0.018888	0.013258	-0.023684	-0.053005
	-0.007930	0.073964	-0.035433	-0.032059	0.049583	0.061653
	0.018649	0.045775	0.115160	0.019452	-0.002588	-0.061481
	0.009400	0.005740	-0.054015	-0.024202	-0.022626	0.059428
	-0.044623	-0.039944	-0.036072	0.001814	0.048040	0.011933
	0.021165					

y207	0.051710	0.053257	-0.080260	0.021060	0.055808	0.132673
	-0.020980	0.030550	0.041338	-0.005519	-0.076499	-0.062429
	0.023379	-0.048619	-0.042313	-0.005954	0.045281	-0.009868
	0.012998	0.015339	0.101306	-0.037473	0.032075	0.011949
	-0.003602	0.038567	0.016820	-0.023129	0.052755	0.023156
	0.046768					
z207	-0.051584	0.030921	0.004930	0.053205	-0.012479	-0.118264
	0.007098	-0.003619	0.054578	-0.019207	0.100049	-0.036888
	0.018063	-0.009457	-0.067722	-0.098185	0.026953	0.015218
	0.001010	-0.005094	-0.016909	0.024329	0.061510	-0.047639
	0.068980	0.010072	-0.063055	-0.037334	-0.054489	0.024138
	-0.010872					
x208	0.000187	0.028190	0.014481	0.009879	-0.008248	-0.047490
	-0.013659	0.061725	-0.019069	-0.041523	0.043656	0.060317
	0.017020	0.027541	0.116329	0.028901	0.000638	-0.061398
	0.015837	-0.007725	-0.046099	-0.026543	-0.026910	0.068003
	-0.046493	-0.042071	-0.042376	0.001246	0.044702	0.018798
	0.024058					
y208	0.056253	0.063913	-0.076262	0.021586	0.054496	0.138072
	-0.034974	0.046900	0.035584	0.002900	-0.070344	-0.057765
	0.022397	-0.047878	-0.036652	-0.013103	0.043649	-0.003143
	0.027303	0.020082	0.087923	-0.039019	0.012439	-0.016073
	0.005900	0.034150	0.018526	0.010033	0.079093	0.067034
	0.039047					
z208	-0.055990	0.043681	-0.004174	0.047158	-0.009714	-0.093488
	0.018338	-0.002205	0.049336	-0.012407	0.094054	-0.042024
	0.015543	0.014400	-0.074097	-0.099938	0.009853	0.024999
	-0.009971	0.003325	-0.029781	0.029047	0.061175	-0.051243
	0.091042	0.006250	-0.064480	-0.061242	-0.049019	-0.009251
	-0.013367					
x209	0.017466	0.031367	0.008975	0.001760	0.005133	-0.041652
	-0.018281	0.046131	-0.004834	-0.054281	0.028761	0.053791
	0.006039	0.023930	0.111875	0.032107	-0.000135	-0.059406
	0.030880	-0.006232	-0.054818	-0.025760	-0.011965	0.069198
	-0.046246	-0.061687	-0.056081	-0.003124	0.044099	0.039310
	0.020950					
y209	0.058026	0.079313	-0.069075	0.029055	0.050550	0.138161
	-0.047125	0.070465	0.028001	0.017679	-0.050585	-0.038928
	0.012721	-0.040120	-0.020817	-0.019360	0.044329	0.004266
	0.035238	0.040326	0.060395	-0.028487	-0.014614	-0.022921
	0.007972	0.018103	-0.007793	0.038974	0.072788	0.071507
	0.008343					

z209	-0.051576	0.051881	-0.004621	0.045312	-0.005464	-0.071299
	0.023848	0.005787	0.053171	0.002906	0.095974	-0.034084
	0.027335	0.010938	-0.056512	-0.091769	0.005958	0.034448
	-0.038645	-0.011979	0.000080	0.024804	0.023970	-0.058771
	0.103198	0.042796	-0.031828	-0.058633	-0.034508	-0.052640
	-0.003053					
x210	0.031292	0.031075	0.004248	-0.003691	0.022674	-0.024768
	-0.011463	0.026984	0.004788	-0.064487	0.014909	0.052237
	-0.001329	0.024601	0.106826	0.032171	-0.005272	-0.054902
	0.044071	0.005573	-0.053628	-0.019299	0.011510	0.048867
	-0.037593	-0.071513	-0.067097	-0.024927	0.034595	0.035474
	0.019192					
y210	0.054873	0.094203	-0.062027	0.042349	0.046703	0.141117
	-0.053210	0.095748	0.020275	0.037251	-0.019070	-0.008045
	0.000979	-0.026234	0.004493	-0.022973	0.037484	0.004758
	0.026249	0.058695	0.011542	0.000552	-0.045640	-0.018207
	0.008506	-0.005037	-0.040335	0.057424	0.038484	0.027261
	-0.021892					
z210	-0.038066	0.059816	-0.002777	0.037772	-0.007474	-0.067730
	0.010332	0.023364	0.057540	0.014620	0.091462	-0.020604
	0.034188	0.011400	-0.036485	-0.080332	0.012189	0.040271
	-0.060944	-0.030593	0.006186	0.024834	-0.032694	-0.040396
	0.081692	0.079694	0.010469	-0.015009	-0.010327	-0.057031
	-0.022520					
x211	0.044240	0.022959	0.004621	-0.003504	0.040617	-0.014598
	0.001808	0.018617	0.017915	-0.077312	0.010580	0.052374
	0.000743	0.033513	0.102087	0.044715	-0.024314	-0.037644
	0.046590	0.002111	-0.025837	-0.008879	0.016848	0.001010
	-0.029904	-0.041095	-0.037221	-0.044857	0.049954	0.024389
	0.038124					
y211	0.049128	0.105548	-0.052872	0.060807	0.041407	0.138192
	-0.055736	0.130954	0.013812	0.053209	0.019892	0.025086
	-0.000559	-0.003450	0.032482	-0.027470	-0.002360	-0.000852
	0.007017	0.059416	-0.061690	0.041266	-0.084523	-0.021817
	-0.005024	-0.030261	-0.041729	0.070103	0.007885	-0.034074
	-0.016114					
z211	-0.020883	0.073833	-0.003332	0.027675	-0.008198	-0.052155
	-0.014563	0.031795	0.054427	0.026684	0.080194	0.001141
	0.032896	0.015300	-0.011796	-0.081908	0.029799	0.034883
	-0.073476	-0.030987	-0.020806	0.036105	-0.072139	0.001165
	0.050895	0.066767	0.006972	0.029344	-0.025504	-0.064213
	-0.071995					

x212	0.049363	0.020648	0.004047	0.004198	0.046069	-0.020398
	0.004396	0.015966	0.022790	-0.097113	-0.000966	0.048531
	0.021082	0.028051	0.094514	0.039035	-0.021414	-0.030324
	0.038220	-0.005076	-0.025919	-0.004174	0.000278	-0.010275
	-0.037182	-0.019140	-0.049114	-0.035187	0.057489	0.021972
	0.040654					
y212	0.049039	0.099645	-0.043777	0.072563	0.042278	0.131306
	-0.048012	0.148970	0.014601	0.033692	0.028331	0.033054
	0.021676	0.020532	0.026079	-0.038726	-0.031058	-0.003783
	0.020327	0.038815	-0.070256	0.052131	-0.094501	-0.015347
	-0.034989	-0.038028	0.001372	0.025196	0.002209	-0.027227
	-0.010091					
z212	-0.009713	0.073057	0.001249	0.020034	-0.004914	-0.035658
	-0.028444	0.039034	0.052151	0.033810	0.078225	0.009789
	0.024719	0.033939	-0.003668	-0.070943	0.022222	0.034431
	-0.064368	-0.032909	-0.020789	0.027531	-0.075023	0.009303
	0.026886	0.063434	0.035978	0.006436	-0.025394	-0.055494
	-0.076352					
x213	0.048242	0.015713	0.005922	0.008215	0.050602	-0.028624
	0.004905	0.017465	0.025561	-0.106994	-0.012101	0.046943
	0.028709	0.017750	0.077294	0.041843	-0.022287	-0.020017
	0.038794	0.001569	-0.020879	0.020435	-0.001835	-0.006858
	-0.031210	-0.009282	-0.051906	-0.013994	0.028804	-0.003941
	0.035488					
y213	0.043579	0.087775	-0.036861	0.080670	0.039303	0.123778
	-0.038299	0.156178	0.023480	0.027397	0.033524	0.032387
	0.033951	0.026230	0.021675	-0.034658	-0.047831	-0.005881
	0.036756	0.038865	-0.059676	0.053106	-0.099053	0.001808
	-0.055810	-0.029225	0.029432	0.013033	-0.027274	-0.020845
	0.002311					
z213	0.002521	0.069782	0.005677	0.013926	-0.002444	-0.017239
	-0.040252	0.038038	0.053755	0.039814	0.075569	0.017529
	0.020604	0.045994	0.016096	-0.061309	0.025436	0.031531
	-0.056837	-0.033640	-0.009640	0.000800	-0.092218	0.008838
	0.003272	0.080659	0.044691	-0.014091	-0.011275	-0.039094
	-0.078095					
x214	0.046191	0.012016	0.007750	0.011425	0.055078	-0.038295
	0.000486	0.016620	0.020436	-0.117558	-0.021731	0.047650
	0.030376	0.016898	0.053062	0.052042	-0.012071	-0.009275
	0.045826	0.013126	-0.020914	0.033942	-0.003543	-0.007162
	-0.025682	-0.000054	-0.044431	0.001860	0.010545	-0.019440
	0.026857					

y214	0.037905	0.074676	-0.030498	0.086466	0.034675	0.112760
	-0.028968	0.156302	0.027208	0.020003	0.036732	0.026526
	0.044950	0.029061	0.016428	-0.028721	-0.059929	-0.008928
	0.049691	0.037852	-0.053952	0.050880	-0.090243	0.016605
	-0.067627	-0.019800	0.049111	-0.000192	-0.043204	-0.007968
	0.015446					
z214	0.014495	0.065645	0.010190	0.008185	-0.001181	-0.000039
	-0.046711	0.033546	0.060753	0.043926	0.072501	0.019566
	0.020807	0.047048	0.036671	-0.058189	0.020322	0.031047
	-0.057905	-0.040610	0.003736	-0.016484	-0.102561	0.005977
	-0.016626	0.100627	0.038637	-0.024113	-0.002394	-0.019149
	-0.071427					
x215	0.045495	0.010168	0.010539	0.010607	0.055393	-0.044420
	-0.009417	0.013447	0.009830	-0.123109	-0.026710	0.053394
	0.025202	0.023025	0.032538	0.062356	0.000847	0.002765
	0.050483	0.020900	-0.023997	0.023932	-0.001624	-0.019628
	-0.013450	0.016785	-0.034250	0.016845	0.009394	-0.020199
	0.023727					
y215	0.032531	0.061783	-0.024649	0.088526	0.025828	0.102302
	-0.021053	0.150488	0.024194	0.013941	0.038708	0.020817
	0.051401	0.029233	0.010368	-0.023984	-0.069723	-0.014835
	0.055632	0.035575	-0.048941	0.037766	-0.071250	0.025716
	-0.062473	-0.009367	0.057200	-0.017094	-0.038984	0.009069
	0.027904					
z215	0.025091	0.061662	0.013486	0.003099	0.002316	0.014203
	-0.047094	0.025660	0.070102	0.041545	0.065996	0.014403
	0.027153	0.041199	0.051390	-0.053726	0.015210	0.026159
	-0.062249	-0.047393	0.023691	-0.013649	-0.108438	0.009545
	-0.031247	0.110844	0.020104	-0.027899	0.000910	-0.003517
	-0.061445					
x216	0.048061	0.008932	0.012332	0.008710	0.053654	-0.042694
	-0.016285	-0.000106	0.002081	-0.124963	-0.025312	0.060431
	0.017511	0.032908	0.028072	0.071111	0.007815	0.002425
	0.059467	0.020264	-0.021223	0.015827	0.003461	-0.018543
	0.001999	0.021398	-0.044508	0.037103	-0.002569	-0.066827
	0.020103					
y216	0.028895	0.050894	-0.022126	0.087691	0.012953	0.099271
	-0.010162	0.128961	0.018233	0.009462	0.039393	0.021204
	0.051473	0.025531	0.005021	-0.022788	-0.071871	-0.031711
	0.062304	0.039795	-0.042127	0.026358	-0.049187	0.042357
	-0.035210	-0.015887	0.037790	-0.030590	-0.043382	-0.024672
	0.046655					

z216	0.032119	0.058221	0.017999	-0.003757	0.008787	0.021380
	-0.050621	0.022782	0.071904	0.034173	0.048034	0.008106
	0.036595	0.031861	0.048221	-0.045075	0.020101	0.022239
	-0.074687	-0.042111	0.034714	-0.012038	-0.114055	0.003763
	-0.038482	0.117386	0.004552	-0.036071	0.019239	0.046622
	-0.044355					
x217	0.051699	0.005952	0.013179	0.006390	0.055328	-0.041432
	-0.021430	-0.005791	-0.008737	-0.128795	-0.024576	0.058764
	0.012586	0.038868	0.023197	0.072137	0.016084	0.018657
	0.059869	0.010720	-0.017040	0.012418	0.020706	-0.029888
	-0.008553	0.052452	-0.029172	0.036293	-0.009206	-0.058262
	-0.015444					
y217	0.024674	0.037404	-0.020594	0.085619	0.001609	0.090539
	0.002010	0.113736	0.005476	0.003934	0.037484	0.009491
	0.051084	0.013352	-0.000151	-0.024264	-0.073951	-0.030654
	0.064311	0.031169	-0.035209	0.021044	-0.011792	0.045400
	-0.034252	0.004655	0.046473	-0.062764	-0.037814	0.000659
	0.023106					
z217	0.034291	0.054834	0.022579	-0.013759	0.012681	0.026333
	-0.053813	0.015213	0.074867	0.028261	0.033339	0.001118
	0.043870	0.028540	0.043146	-0.027016	0.022676	0.001157
	-0.085647	-0.042638	0.049116	-0.016114	-0.124793	0.010205
	-0.008050	0.096512	-0.026495	-0.018011	0.038057	0.054001
	-0.007034					
x218	0.058234	0.008020	0.012776	0.004864	0.053073	-0.036956
	-0.025248	-0.020603	-0.013950	-0.125137	-0.021383	0.061653
	0.010860	0.041147	0.026173	0.072517	0.015911	0.030932
	0.050859	-0.002284	-0.019156	-0.002735	0.027978	-0.036439
	0.005593	0.062017	-0.043930	0.038575	-0.015433	-0.074570
	-0.011244					
y218	0.024246	0.029451	-0.021507	0.082818	-0.015896	0.083909
	0.015058	0.080740	-0.001195	0.003968	0.034478	0.005790
	0.049299	-0.001044	0.006011	-0.021024	-0.073163	-0.038201
	0.060700	0.021677	-0.032425	0.006214	0.016186	0.048576
	0.000749	0.001547	0.021607	-0.075968	-0.028121	-0.020638
	0.044520					
z218	0.029864	0.047909	0.026203	-0.024805	0.020339	0.031715
	-0.053595	0.018350	0.062130	0.016952	0.012219	-0.000178
	0.045812	0.017202	0.009412	-0.020094	0.040638	-0.006383
	-0.082444	-0.020190	0.054422	-0.007720	-0.114493	0.008574
	0.010888	0.087814	-0.033090	-0.023275	0.043548	0.085319
	-0.000299					

x219	0.062870	0.009978	0.012065	0.006310	0.050718	-0.033123
	-0.024479	-0.020462	-0.012600	-0.115196	-0.012108	0.056345
	0.012054	0.035964	0.032971	0.064503	-0.003419	0.053687
	0.034324	-0.026732	-0.009063	-0.004078	0.035851	-0.050105
	0.005878	0.080375	-0.040351	0.029109	-0.020269	-0.038310
	-0.021519					
y219	0.021351	0.020455	-0.021772	0.079664	-0.034809	0.069197
	0.029198	0.063963	-0.005580	0.006792	0.032928	-0.005727
	0.046241	-0.028371	0.006047	-0.025859	-0.084855	-0.029732
	0.055172	0.006866	-0.020893	0.003402	0.053767	0.037300
	0.019824	0.019332	0.032047	-0.103639	-0.007764	0.014509
	0.048049					
z219	0.027219	0.043102	0.028253	-0.031787	0.023338	0.037306
	-0.049887	0.006825	0.045636	0.003786	-0.001662	0.004095
	0.052664	0.015375	-0.004087	-0.008098	0.056858	-0.020579
	-0.066559	-0.008884	0.041904	-0.010312	-0.097339	0.009675
	0.039412	0.079178	-0.061253	-0.013476	0.048459	0.068345
	0.009334					
x220	0.064637	-0.004926	0.054598	-0.008027	0.043477	-0.068047
	-0.057694	0.006258	0.016580	-0.065006	-0.017473	-0.000829
	0.013794	-0.081448	-0.002167	0.056102	-0.025362	0.087656
	0.029719	-0.020182	0.069346	0.048522	-0.007474	-0.042223
	0.026055	0.043809	-0.012862	-0.064581	0.091680	0.034116
	-0.124073					
y220	0.006609	-0.013164	-0.019435	0.071576	-0.046024	0.060288
	0.092339	-0.092609	-0.106978	0.044100	0.041146	-0.012478
	-0.003129	0.007035	0.097642	-0.052546	0.150272	-0.056872
	-0.129668	-0.062653	-0.013823	0.075447	0.041798	-0.028303
	-0.030948	0.013066	-0.048227	0.022894	0.023429	-0.081902
	-0.003225					
z220	0.030940	0.052341	0.016566	-0.129201	0.005837	0.017790
	-0.078401	0.017394	-0.020850	-0.016020	-0.006258	0.061134
	0.034282	-0.119138	-0.033006	-0.041910	0.065470	0.003368
	-0.069489	-0.014727	0.044693	-0.040527	0.001378	0.024491
	0.003215	0.074567	0.001261	0.085040	0.011904	-0.152669
	0.149664					
x221	0.066421	-0.007848	0.058206	0.002190	0.039439	-0.056636
	-0.048988	0.008724	0.024087	-0.053591	-0.014970	-0.013973
	0.015554	-0.065817	-0.001068	0.034820	-0.014402	0.067016
	-0.001258	-0.009437	0.060166	0.040453	-0.011942	-0.055302
	0.015413	0.031141	-0.010586	-0.060503	0.062119	0.027189
	-0.116471					

y221	0.005394	-0.012717	-0.024400	0.064236	-0.047651	0.055419
	0.084461	-0.086273	-0.098542	0.034386	0.041017	-0.004923
	-0.005685	-0.005585	0.082735	-0.042056	0.118395	-0.043327
	-0.105232	-0.062043	-0.012186	0.061235	0.053622	-0.033581
	-0.024015	0.004240	-0.032352	0.004116	0.013435	-0.042438
	-0.010221					
z221	0.026813	0.042105	0.020899	-0.120940	0.008414	0.028169
	-0.073344	0.015723	-0.034906	-0.016691	0.000126	0.054761
	0.016691	-0.116036	-0.044189	-0.037891	0.059085	0.005861
	-0.067796	-0.022231	0.041740	-0.028388	0.024768	0.023048
	-0.004420	0.032445	0.003874	0.073414	-0.000241	-0.094263
	0.110762					
x222	0.069429	-0.007076	0.056524	0.010732	0.032356	-0.047604
	-0.035555	0.012284	0.030314	-0.044256	-0.013774	-0.013481
	0.018585	-0.048752	0.000189	0.014064	-0.001312	0.030650
	-0.026158	-0.001550	0.049273	0.040617	-0.020602	-0.060509
	0.005224	0.002653	-0.003340	-0.053998	0.043556	0.028563
	-0.078420					
y222	0.004935	-0.011954	-0.030417	0.058449	-0.048489	0.052351
	0.076876	-0.081270	-0.091005	0.025285	0.040616	0.002362
	-0.007902	-0.012963	0.070924	-0.033212	0.091615	-0.029996
	-0.080612	-0.059467	-0.010414	0.048119	0.060892	-0.036410
	-0.016250	-0.002768	-0.023012	-0.009884	0.011761	-0.008463
	-0.016716					
z222	0.025095	0.035132	0.021281	-0.110631	0.009194	0.038933
	-0.064226	0.015475	-0.044768	-0.017416	0.002814	0.054549
	0.004673	-0.105806	-0.047130	-0.035084	0.052597	-0.001875
	-0.061153	-0.027176	0.039491	-0.018377	0.037582	0.018200
	-0.015227	-0.010626	-0.001095	0.056210	-0.003666	-0.039282
	0.093710					
x223	0.074172	-0.006568	0.052098	0.019806	0.027721	-0.038351
	-0.027030	0.010830	0.031217	-0.040154	-0.011454	-0.003649
	0.022573	-0.034698	-0.000437	-0.002150	0.014635	0.012370
	-0.043219	0.001661	0.047246	0.041977	-0.021796	-0.042378
	0.008504	-0.029491	-0.006238	-0.035507	0.037663	-0.021690
	-0.036189					
y223	0.005073	-0.010990	-0.036080	0.052696	-0.048867	0.049923
	0.071272	-0.078983	-0.083435	0.017370	0.039684	0.011056
	-0.009907	-0.017506	0.061763	-0.025113	0.068928	-0.020288
	-0.058461	-0.055149	-0.008319	0.036536	0.060594	-0.041008
	-0.004228	-0.009823	-0.020292	-0.018455	0.011023	0.016942
	-0.011942					

z223	0.025108	0.027892	0.021759	-0.098612	0.011066	0.048978
	-0.056060	0.015646	-0.054806	-0.018375	0.001339	0.053391
	-0.002436	-0.090995	-0.045698	-0.029492	0.043935	-0.003137
	-0.055133	-0.029232	0.037837	-0.010130	0.046102	0.014363
	-0.023167	-0.049879	-0.002699	0.029416	-0.003117	-0.027744
	0.086919					
x224	0.074875	-0.009197	0.047205	0.025475	0.024243	-0.035334
	-0.020609	0.017158	0.026618	-0.032961	-0.005231	-0.007245
	0.028938	-0.020239	-0.014435	-0.016522	0.022091	0.004642
	-0.057354	-0.002746	0.049701	0.045232	-0.007546	-0.036390
	0.000966	-0.051469	0.007027	-0.041669	0.024679	-0.041943
	-0.030237					
y224	0.004072	-0.010823	-0.041916	0.045709	-0.049370	0.046480
	0.065396	-0.075778	-0.075062	0.009620	0.043094	0.014378
	-0.009631	-0.020093	0.052356	-0.018734	0.050901	-0.012267
	-0.038963	-0.056260	-0.006806	0.029067	0.058851	-0.044602
	0.007477	-0.013264	-0.012057	-0.026278	0.010093	0.031887
	-0.011865					
z224	0.020397	0.016849	0.020440	-0.090363	0.011179	0.051953
	-0.051599	0.023524	-0.063521	-0.017967	0.007171	0.037017
	-0.002242	-0.075528	-0.055645	-0.028448	0.031768	0.000726
	-0.049871	-0.052473	0.041902	0.002211	0.061842	0.006886
	-0.035363	-0.076656	0.023840	-0.007269	-0.009903	-0.010793
	0.058540					
x225	0.075394	-0.010450	0.045824	0.029641	0.019625	-0.032544
	-0.012344	0.023784	0.021663	-0.027268	0.000247	-0.009793
	0.022955	-0.009996	-0.020594	-0.023364	0.031223	0.010641
	-0.063337	-0.011545	0.050983	0.041681	-0.007034	-0.021614
	-0.013240	-0.041771	-0.004494	-0.037650	0.034402	-0.055740
	-0.038402					
y225	0.003168	-0.011216	-0.046568	0.039969	-0.048813	0.043129
	0.061065	-0.073461	-0.067190	0.002730	0.044695	0.019602
	-0.010095	-0.022071	0.045945	-0.013120	0.035594	-0.005866
	-0.024918	-0.048450	-0.004913	0.023063	0.048697	-0.049471
	0.016026	-0.011399	-0.007066	-0.030517	0.005805	0.046565
	-0.009856					
z225	0.015887	0.007288	0.022074	-0.082593	0.009624	0.053162
	-0.043479	0.032894	-0.071090	-0.016881	0.012144	0.022319
	-0.011671	-0.064964	-0.056008	-0.020151	0.022340	0.010014
	-0.044216	-0.067034	0.040653	0.006852	0.059578	0.004222
	-0.061424	-0.068132	0.036533	-0.034666	0.010785	0.004123
	0.026229					

x226	0.075693	-0.010832	0.042425	0.033915	0.016134	-0.032364
	-0.005415	0.025047	0.018960	-0.016565	0.001246	-0.016234
	0.018219	0.002265	-0.023880	-0.025782	0.034594	0.008093
	-0.062267	-0.004833	0.043033	0.035010	-0.010086	-0.019287
	-0.024496	-0.039555	-0.009220	-0.033710	-0.000442	-0.050011
	-0.033385					
y226	0.002687	-0.011826	-0.049885	0.035967	-0.047189	0.039651
	0.056406	-0.069332	-0.060939	-0.003590	0.046567	0.025309
	-0.009404	-0.024296	0.041316	-0.008797	0.025349	0.001470
	-0.012670	-0.039809	0.000765	0.018864	0.040169	-0.056211
	0.016949	-0.008557	-0.002074	-0.033507	0.007546	0.051130
	-0.006967					
z226	0.011182	0.000533	0.019778	-0.069809	0.010335	0.048054
	-0.038307	0.037877	-0.076766	-0.013544	0.012674	0.010976
	-0.017378	-0.053133	-0.049404	-0.011685	0.013520	0.009574
	-0.029642	-0.058674	0.035402	0.010747	0.057192	-0.003252
	-0.097742	-0.053866	0.054813	-0.043046	-0.005042	0.031612
	0.008643					
x227	0.076393	-0.012875	0.041653	0.037108	0.011965	-0.034109
	-0.000997	0.032979	0.020498	-0.004408	0.005358	-0.024758
	0.015708	0.010230	-0.028063	-0.030616	0.039110	0.007548
	-0.059503	-0.014837	0.037215	0.034216	-0.011273	-0.023201
	-0.034589	-0.031907	0.000851	-0.030269	-0.009860	-0.021385
	-0.037416					
y227	0.002173	-0.012289	-0.053988	0.031519	-0.045163	0.037115
	0.053403	-0.069466	-0.056280	-0.008884	0.046834	0.030931
	-0.009066	-0.025097	0.037741	-0.003777	0.019231	0.006552
	-0.002202	-0.023850	0.003846	0.013866	0.028846	-0.057659
	0.022201	-0.007861	-0.005201	-0.034732	0.004077	0.037416
	0.002304					
z227	0.009463	-0.008909	0.019626	-0.058357	0.007818	0.043180
	-0.036907	0.043934	-0.077807	-0.004939	0.015943	-0.001986
	-0.014412	-0.041929	-0.051193	-0.014575	0.017108	0.007936
	-0.014012	-0.068582	0.033159	0.023567	0.049115	-0.024801
	-0.115877	-0.038370	0.065873	-0.052020	-0.002276	0.072519
	-0.018031					
x228	0.077530	-0.014604	0.043777	0.038268	0.009569	-0.030083
	0.002140	0.034319	0.022513	0.003759	0.008229	-0.029875
	0.013879	0.016540	-0.029127	-0.034151	0.038227	-0.002324
	-0.052666	-0.024142	0.028582	0.026376	-0.015146	-0.024147
	-0.019760	-0.035330	0.004791	-0.031891	-0.018332	-0.000674
	-0.035898					

y228	0.001053	-0.013645	-0.058123	0.027037	-0.043212	0.031449
	0.051324	-0.064218	-0.053082	-0.013824	0.047634	0.032787
	-0.005726	-0.027500	0.034901	-0.000866	0.018157	0.015652
	0.006700	-0.009047	0.009711	0.010772	0.017333	-0.061714
	0.015423	0.002736	-0.002048	-0.040353	0.001416	0.029142
	0.004535					
z228	0.008940	-0.016220	0.020238	-0.048044	0.004817	0.045819
	-0.034450	0.039849	-0.079932	-0.000033	0.016296	-0.009111
	-0.005300	-0.028470	-0.048203	-0.017649	0.022800	-0.004189
	0.006906	-0.067055	0.029156	0.021759	0.030942	-0.035468
	-0.094922	-0.032353	0.060776	-0.065027	-0.009492	0.083175
	-0.025210					
x229	0.076368	-0.010927	0.039154	0.040983	0.006893	-0.025300
	0.007020	0.031512	0.020925	0.009168	0.006839	-0.020827
	0.002783	0.021701	-0.032474	-0.044412	0.039679	0.005597
	-0.041141	-0.014888	0.019692	0.013847	-0.004803	-0.003861
	-0.001802	-0.041074	-0.005661	-0.031585	-0.015217	-0.026390
	-0.001525					
y229	0.002879	-0.017723	-0.058679	0.020160	-0.043135	0.026776
	0.046779	-0.063809	-0.047581	-0.020087	0.047179	0.030117
	-0.000763	-0.031662	0.034955	0.004615	0.024157	0.014730
	0.019936	0.005890	0.019598	0.000261	0.002604	-0.064635
	0.020614	-0.000544	-0.007505	-0.036351	-0.012058	0.014661
	0.013849					
z229	0.006132	-0.016768	0.015970	-0.036298	-0.002809	0.043271
	-0.033598	0.028858	-0.077329	0.000797	0.011723	-0.006679
	-0.008608	-0.018305	-0.039807	-0.020041	0.033382	0.000908
	0.030941	-0.031070	0.032216	0.007344	0.025229	-0.024656
	-0.073648	-0.028586	0.044144	-0.062744	-0.013524	0.024344
	0.007604					
x230	0.074691	-0.008991	0.034685	0.045200	0.003088	-0.021528
	0.009850	0.025290	0.019650	0.015784	0.010486	-0.021415
	-0.008269	0.030242	-0.036449	-0.051460	0.030919	0.007475
	-0.031677	-0.019074	0.016980	0.008836	0.006158	0.006723
	0.013468	-0.040743	-0.005294	-0.026360	0.000693	-0.023905
	0.017330					
y230	0.004854	-0.022522	-0.056362	0.008531	-0.038379	0.019650
	0.041627	-0.056591	-0.041171	-0.027336	0.048066	0.028372
	0.003078	-0.039909	0.037484	0.011477	0.029254	0.021607
	0.025036	0.017735	0.025593	-0.004255	-0.010746	-0.070163
	0.019824	-0.000885	-0.007906	-0.035168	-0.022322	0.011813
	0.008749					

z230	0.005982	-0.023386	0.018170	-0.030591	-0.008667	0.040922
	-0.033965	0.017780	-0.073019	-0.000053	0.007090	-0.011676
	-0.012407	-0.010546	-0.023264	-0.018128	0.026090	0.011062
	0.046050	-0.017244	0.034900	0.000995	0.027808	-0.023487
	-0.037293	-0.031871	0.029744	-0.060516	-0.015296	0.015341
	0.015620					
x231	0.073427	-0.009372	0.034373	0.045559	-0.003864	-0.021304
	0.015732	0.019693	0.024347	0.019428	0.010663	-0.017476
	-0.014546	0.030211	-0.033965	-0.044511	0.029762	-0.001806
	-0.032283	-0.032766	0.009991	0.003752	0.001208	0.018897
	0.012575	-0.044556	-0.007579	-0.026632	0.012355	-0.025510
	0.021947					
y231	0.006451	-0.028020	-0.055429	-0.002819	-0.032058	0.010429
	0.038022	-0.050562	-0.042420	-0.031659	0.046436	0.022703
	-0.000824	-0.046566	0.034010	0.014254	0.032127	0.033292
	0.029720	0.030223	0.025466	-0.003514	-0.010701	-0.075612
	0.007500	0.010018	-0.006010	-0.034618	-0.019214	0.019189
	-0.001887					
z231	0.006489	-0.033229	0.021080	-0.028547	-0.015700	0.031544
	-0.028091	0.012530	-0.072392	-0.002057	-0.006135	-0.014243
	-0.018214	-0.005802	-0.013031	-0.006162	0.026112	0.008421
	0.053906	-0.021630	0.027855	0.001278	0.021835	-0.014111
	-0.041134	-0.029656	0.029356	-0.075329	0.001195	0.007468
	0.002727					
x232	0.070299	-0.008741	0.032487	0.043574	-0.008488	-0.019788
	0.014788	0.013396	0.028958	0.024860	0.017916	-0.015153
	-0.019790	0.029799	-0.038335	-0.045683	0.028272	-0.001925
	-0.032268	-0.035547	0.004393	0.000179	0.000765	0.041531
	0.031929	-0.054510	0.005689	-0.003190	-0.002119	-0.014162
	0.035736					
y232	0.008015	-0.031869	-0.054879	-0.011773	-0.026191	0.002563
	0.035355	-0.043297	-0.040550	-0.037358	0.045338	0.020478
	-0.003808	-0.048894	0.030916	0.017111	0.036558	0.041846
	0.033364	0.035393	0.031183	-0.004818	-0.013668	-0.082739
	-0.005756	0.017034	-0.012267	-0.047893	-0.011735	0.006387
	-0.011223					
z232	0.004489	-0.039098	0.022089	-0.024999	-0.020056	0.024600
	-0.031069	0.002360	-0.070903	-0.002928	-0.009610	-0.015717
	-0.025676	0.001365	-0.004210	-0.005095	0.028989	0.010932
	0.061539	-0.008621	0.027466	-0.002314	0.022085	0.003435
	-0.020794	-0.030572	0.032400	-0.057089	-0.006293	0.001624
	0.007853					

x233	0.068325	-0.007172	0.028557	0.044277	-0.011985	-0.018446
	0.013128	0.014096	0.029767	0.030527	0.025103	-0.012321
	-0.019677	0.033297	-0.038789	-0.044111	0.027087	0.003470
	-0.027568	-0.045083	0.007343	-0.001570	0.000259	0.039960
	0.037141	-0.049571	-0.002020	-0.000357	-0.002254	-0.028777
	0.044885					
y233	0.009174	-0.034837	-0.053490	-0.021561	-0.019022	0.000289
	0.034482	-0.038429	-0.033721	-0.040867	0.048200	0.019538
	-0.007763	-0.049643	0.024741	0.019051	0.029942	0.044439
	0.030894	0.041571	0.026698	-0.006666	-0.022016	-0.077630
	-0.010491	0.017363	-0.008232	-0.045463	-0.010134	0.022615
	-0.016009					
z233	0.001182	-0.040556	0.017016	-0.015457	-0.022552	0.022865
	-0.033203	-0.001863	-0.066696	0.000300	-0.005080	-0.011699
	-0.026122	0.019451	0.004468	-0.004441	0.021348	0.016553
	0.059912	-0.004056	0.028878	0.002428	0.004794	0.000654
	-0.007646	-0.011244	0.023254	-0.043918	0.008945	-0.020662
	0.010192					
x234	0.067515	-0.006625	0.025808	0.043618	-0.013492	-0.019227
	0.012585	0.014122	0.024714	0.036727	0.025312	-0.017008
	-0.019196	0.034131	-0.045975	-0.038476	0.019517	0.001644
	-0.020528	-0.051609	0.003000	-0.004210	0.010825	0.032537
	0.030862	-0.029762	0.000713	-0.004799	0.005352	-0.016677
	0.040291					
y234	0.010008	-0.036964	-0.052003	-0.029479	-0.012484	-0.003216
	0.032433	-0.035267	-0.023406	-0.044829	0.053716	0.025308
	-0.014566	-0.051579	0.019482	0.019919	0.032580	0.047241
	0.019983	0.046993	0.026106	-0.004609	-0.036835	-0.071296
	-0.019265	0.010659	-0.005901	-0.039850	-0.002550	0.015827
	-0.013762					
z234	0.002322	-0.044139	0.017005	-0.008323	-0.021697	0.021162
	-0.034165	-0.008943	-0.064980	0.002610	-0.010006	-0.010742
	-0.031175	0.032062	-0.002867	0.006120	0.006573	0.009898
	0.051210	-0.010976	0.023926	0.009559	-0.006865	-0.003764
	-0.009473	0.009829	0.029260	-0.045790	0.033394	-0.025368
	0.004193					
x235	0.064905	-0.007278	0.026574	0.041233	-0.015189	-0.017710
	0.006467	0.012773	0.025394	0.038564	0.026065	-0.015756
	-0.013393	0.037184	-0.043386	-0.033796	0.017490	0.011056
	-0.009304	-0.043134	0.000480	-0.009841	0.006511	0.031185
	0.031078	-0.033228	0.011214	0.011367	0.011615	-0.007420
	0.023180					

y235	0.011627	-0.037219	-0.051730	-0.036808	-0.004681	-0.007349
	0.030831	-0.029842	-0.016581	-0.049054	0.056398	0.026604
	-0.024475	-0.049438	0.007180	0.021187	0.035865	0.041031
	0.015807	0.046137	0.024002	-0.003902	-0.044782	-0.065876
	-0.026386	0.015812	-0.005402	-0.043563	0.006441	0.007141
	-0.000949					
z235	0.001480	-0.047350	0.021776	-0.002982	-0.020753	0.022048
	-0.043228	-0.015241	-0.057370	0.000468	-0.013271	-0.004831
	-0.028946	0.052201	-0.001929	0.009842	0.003390	0.014292
	0.055832	-0.001622	0.023384	0.011504	-0.039079	0.000131
	0.002254	0.011618	0.036022	-0.017850	0.053360	-0.038778
	-0.005262					
x236	0.063411	-0.005276	0.023824	0.037092	-0.015494	-0.016844
	0.009218	0.009498	0.023393	0.044453	0.020490	-0.016047
	-0.015600	0.033829	-0.047226	-0.022613	0.020075	0.013844
	-0.008033	-0.029818	-0.006787	-0.013466	0.009291	0.040864
	0.030778	-0.030736	0.018603	0.003554	-0.006404	-0.009410
	0.018490					
y236	0.013111	-0.039895	-0.050211	-0.040624	-0.001945	-0.011697
	0.028477	-0.026564	-0.007163	-0.052758	0.061727	0.029232
	-0.026397	-0.051105	0.004254	0.015284	0.028970	0.039322
	0.013765	0.042616	0.029406	-0.011128	-0.043009	-0.060624
	-0.033594	0.020642	-0.010367	-0.036606	0.026238	0.004491
	0.013438					
z236	0.003550	-0.050015	0.020514	0.003576	-0.023547	0.020084
	-0.034158	-0.025224	-0.055785	0.006027	-0.021240	-0.002737
	-0.030512	0.049027	0.001772	0.015811	-0.001164	0.009715
	0.046482	0.014497	0.021476	0.006216	-0.037454	0.025987
	0.005923	0.014317	0.033246	-0.026026	0.043430	-0.048377
	0.012661					
x237	0.060272	-0.003944	0.022297	0.030770	-0.017530	-0.015847
	0.008613	0.009873	0.021071	0.047010	0.020377	-0.015337
	-0.021674	0.028765	-0.050111	-0.016630	0.027427	0.017458
	0.001224	-0.019021	-0.009031	-0.006196	0.020517	0.027774
	0.040729	-0.024779	0.023963	0.006624	-0.008524	-0.009838
	0.013255					
y237	0.016040	-0.042264	-0.049236	-0.043191	0.002423	-0.015049
	0.025212	-0.024799	0.003246	-0.052343	0.063461	0.029671
	-0.027463	-0.049353	-0.002240	0.017445	0.018317	0.036080
	0.006761	0.034245	0.030305	-0.020678	-0.052181	-0.040813
	-0.047427	0.017249	-0.020791	-0.032253	0.033004	0.011447
	0.017923					

z237	0.004457	-0.052560	0.019991	0.009518	-0.028589	0.023625
	-0.028444	-0.028830	-0.051380	0.013331	-0.014091	-0.002265
	-0.040450	0.040805	0.004042	0.014011	-0.007772	0.014463
	0.042445	0.013795	0.027513	0.019921	-0.019308	0.017832
	0.021969	0.013164	0.009705	-0.020554	0.045479	-0.049997
	0.020012					
x238	0.060188	-0.003998	0.022718	0.025841	-0.019792	-0.014676
	0.009289	0.005442	0.023713	0.051767	0.020932	-0.014845
	-0.018361	0.028106	-0.037123	-0.006881	0.027375	0.013944
	0.007831	-0.017286	-0.007570	-0.020044	0.012939	0.028388
	0.037942	-0.033008	0.022901	0.001909	-0.005579	-0.017558
	0.016906					
y238	0.014986	-0.041012	-0.048891	-0.045853	0.010425	-0.019378
	0.021203	-0.015843	0.006891	-0.056730	0.063109	0.029750
	-0.032268	-0.047755	-0.024019	0.012842	0.020236	0.034200
	0.000397	0.031787	0.023707	-0.017180	-0.041390	-0.033995
	-0.050769	0.033717	-0.010937	-0.014354	0.028513	0.019960
	0.005130					
z238	0.006017	-0.054578	0.027494	0.015325	-0.025130	0.024072
	-0.024725	-0.026245	-0.046619	0.016981	-0.009583	0.000085
	-0.034492	0.041348	0.020175	0.016365	-0.011864	-0.000547
	0.037189	0.002645	0.026802	0.012069	-0.027208	0.033183
	0.013777	0.005357	0.020173	-0.018678	0.032104	-0.058391
	0.017684					
x239	0.056227	-0.003538	0.022356	0.018637	-0.021838	-0.013897
	0.010210	0.006738	0.025866	0.057408	0.025282	-0.014115
	-0.021242	0.019161	-0.036434	0.003132	0.026742	0.016348
	0.009120	-0.011792	-0.009441	-0.024673	0.017226	0.026081
	0.020628	-0.032396	0.039216	0.003170	0.002067	-0.002790
	0.009181					
y239	0.016999	-0.039041	-0.045438	-0.049236	0.018864	-0.025156
	0.015991	-0.014002	0.007834	-0.064718	0.053411	0.036299
	-0.024825	-0.029923	-0.032359	-0.000417	0.020190	0.027699
	0.001607	0.039954	0.018513	-0.012677	-0.045141	-0.018475
	-0.027679	0.035654	-0.017951	-0.007679	0.017829	0.002812
	0.002790					
z239	0.005428	-0.058841	0.024943	0.021993	-0.026951	0.022730
	-0.018655	-0.014734	-0.035299	0.021135	-0.000358	-0.000633
	-0.039843	0.026901	0.024973	0.018873	-0.012863	-0.011424
	0.027160	0.013541	0.023186	0.018784	-0.033755	0.033692
	-0.022029	0.010194	0.026315	-0.010552	0.031261	-0.031536
	0.012831					

x240	0.053428	-0.001178	0.019867	0.013145	-0.024245	-0.010847
	0.009231	-0.001292	0.025790	0.060567	0.027277	-0.011820
	-0.024304	0.012942	-0.033994	0.013731	0.029072	0.011693
	0.011679	-0.002246	-0.012170	-0.027612	0.016749	0.027983
	0.031885	-0.038423	0.023744	0.009541	-0.004986	-0.014226
	0.022104					
y240	0.019281	-0.040181	-0.039293	-0.055870	0.026098	-0.031667
	0.013107	-0.002436	0.014376	-0.068650	0.044453	0.040954
	-0.018950	-0.017322	-0.047808	-0.016956	0.014860	0.034753
	0.003253	0.039892	0.016041	-0.009736	-0.043375	-0.004904
	-0.036760	0.042109	0.015211	-0.017906	0.023910	0.020613
	-0.017553					
z240	0.006192	-0.062064	0.019109	0.030264	-0.029841	0.026471
	-0.017198	-0.023516	-0.029748	0.026789	0.005861	0.002014
	-0.046798	0.021026	0.027082	0.024090	-0.008684	-0.017763
	0.022525	0.022537	0.019969	0.028181	-0.045679	0.032966
	-0.010147	-0.000526	-0.021554	0.002764	0.015589	-0.045650
	0.026588					
x241	0.050464	0.000274	0.017449	0.006841	-0.026118	-0.009887
	0.010094	-0.004547	0.024811	0.063482	0.027229	-0.011907
	-0.027141	0.006806	-0.030792	0.021806	0.033961	0.008937
	0.015525	0.004444	-0.013976	-0.029601	0.019249	0.027063
	0.035374	-0.033697	0.017527	0.015976	-0.009023	-0.011439
	0.028683					
y241	0.021789	-0.043526	-0.034365	-0.059471	0.028109	-0.037292
	0.006646	0.007898	0.017127	-0.075375	0.035918	0.039889
	-0.010801	-0.016038	-0.058887	-0.030866	0.009051	0.037222
	0.015286	0.044027	0.016884	-0.016344	-0.040140	0.009792
	-0.042696	0.029338	0.032245	-0.035864	0.026637	0.029727
	-0.028037					
z241	0.005249	-0.060649	0.014014	0.034561	-0.026418	0.030536
	-0.013029	-0.027255	-0.015353	0.037684	0.015036	0.005242
	-0.061366	0.027430	0.026560	0.029198	-0.011520	-0.015242
	-0.002540	0.016317	0.011011	0.054239	-0.059047	0.032077
	0.003371	0.011907	-0.033400	0.022349	0.003552	-0.041318
	0.026671					
x242	0.046085	0.001323	0.015610	0.001138	-0.026340	-0.008383
	0.009373	-0.006132	0.023683	0.063990	0.028711	-0.013717
	-0.029619	0.000259	-0.031742	0.030905	0.030067	0.009773
	0.016881	0.014458	-0.015087	-0.031985	0.019390	0.024033
	0.028454	-0.028889	0.019002	0.021653	-0.000671	-0.009405
	0.022868					

y242	0.027168	-0.040320	-0.035317	-0.063053	0.026669	-0.036873
	0.004093	0.000387	0.025751	-0.075242	0.026300	0.054163
	-0.009192	-0.008211	-0.060608	-0.043098	0.023752	0.027350
	0.018594	0.048612	0.011454	-0.022767	-0.039189	0.030784
	0.001226	0.003140	0.002474	-0.043282	-0.005400	0.001069
	0.002964					
z242	0.004165	-0.066189	0.017113	0.038022	-0.020978	0.029343
	-0.014528	-0.016973	-0.004653	0.035024	0.019986	-0.002815
	-0.067353	0.030396	0.013079	0.037507	-0.033525	-0.007152
	-0.017271	0.015171	0.006299	0.062816	-0.062737	0.018497
	-0.028972	0.024588	-0.009659	0.032479	0.033574	-0.027444
	-0.009543					
x243	0.041081	0.001791	0.014209	-0.004386	-0.024206	-0.009374
	0.007017	-0.002865	0.021820	0.062411	0.029917	-0.019498
	-0.031806	-0.007412	-0.032667	0.037579	0.026073	0.012378
	0.017910	0.019917	-0.012881	-0.030585	0.021235	0.020964
	0.017647	-0.020462	0.031636	0.017616	0.001179	0.006335
	0.013670					
y243	0.030801	-0.037382	-0.033370	-0.067255	0.025651	-0.036729
	0.001536	-0.000783	0.032886	-0.068718	0.018816	0.062516
	-0.009409	0.006067	-0.066640	-0.045719	0.022124	0.027528
	0.022841	0.047004	-0.010646	-0.033207	-0.047632	0.049075
	0.013837	-0.004808	-0.004503	-0.024149	-0.003316	-0.010826
	0.005595					
z243	0.001978	-0.071431	0.018325	0.041165	-0.020434	0.028525
	-0.013924	-0.012454	0.002105	0.025627	0.019744	-0.011602
	-0.066423	0.017849	0.015542	0.029629	-0.038220	-0.007096
	-0.019493	-0.000530	0.021225	0.078363	-0.034008	-0.013459
	-0.023010	0.007437	-0.007441	0.011711	0.033089	-0.030455
	-0.016508					
x244	0.037036	0.004345	0.012822	-0.011732	-0.022615	-0.008187
	0.005698	-0.004628	0.019324	0.061453	0.027586	-0.016996
	-0.033801	-0.009836	-0.034097	0.046446	0.028782	0.009727
	0.017499	0.027175	-0.011731	-0.032611	0.015380	0.022243
	0.016830	-0.020804	0.028122	0.016876	0.002500	-0.002422
	0.013275					
y244	0.031072	-0.041446	-0.027480	-0.071247	0.029606	-0.043415
	-0.006187	0.011896	0.038420	-0.069293	0.016373	0.043384
	-0.015464	0.008553	-0.069554	-0.048270	0.000551	0.036273
	0.041379	0.031967	-0.024294	-0.026529	-0.031457	0.043956
	-0.006322	0.009700	0.061272	-0.013150	0.005397	0.023509
	-0.026405					

z244	0.003944	-0.071298	0.014269	0.051570	-0.029207	0.029939
	-0.009554	-0.013649	0.012647	0.027727	0.014944	-0.000053
	-0.063528	0.014135	0.021537	0.012717	-0.030682	-0.006577
	-0.036597	0.008353	0.023620	0.078614	-0.038123	-0.009203
	0.000971	-0.017350	-0.058974	0.003615	0.043697	-0.031726
	0.022584					
x245	0.031263	0.006432	0.012327	-0.018856	-0.021271	-0.009666
	0.005354	0.000179	0.014570	0.061943	0.027218	-0.017582
	-0.032248	-0.014849	-0.034856	0.050555	0.023262	0.012528
	0.016066	0.029381	-0.007635	-0.029582	0.015161	0.020963
	0.010624	-0.011723	0.035905	0.010374	0.006233	0.008244
	0.002680					
y245	0.031130	-0.042527	-0.023478	-0.072165	0.026656	-0.051751
	-0.012180	0.023646	0.043645	-0.070799	0.011160	0.041187
	-0.028144	0.009687	-0.071592	-0.051538	-0.009335	0.038929
	0.037591	0.015712	-0.000135	-0.016550	-0.019319	0.042489
	0.007954	0.008496	0.070659	-0.026672	0.019582	0.037740
	-0.019928					
z245	0.008069	-0.076356	0.011248	0.058584	-0.030584	0.030942
	-0.008246	-0.015881	0.027235	0.029644	0.006076	-0.006508
	-0.061091	0.015587	0.022733	0.005212	-0.017187	-0.013378
	-0.031102	0.025768	-0.001372	0.065111	-0.045030	-0.008422
	-0.019323	-0.025117	-0.046668	0.026693	0.047839	-0.030661
	0.031388					
x246	0.025943	0.008933	0.011467	-0.025025	-0.019694	-0.009580
	0.006277	0.001723	0.009135	0.062770	0.024759	-0.015452
	-0.029501	-0.017816	-0.034255	0.053225	0.020984	0.011878
	0.014865	0.037761	-0.006726	-0.026696	0.011153	0.021058
	0.010692	-0.006133	0.033497	0.008496	0.007348	0.007387
	0.001210					
y246	0.034556	-0.038565	-0.018913	-0.073771	0.015396	-0.051948
	-0.015257	0.017530	0.049982	-0.064138	-0.000617	0.047745
	-0.029178	0.014017	-0.061321	-0.055095	0.000316	0.036752
	0.040971	0.008877	-0.007750	-0.004783	-0.019755	0.046359
	0.038693	-0.017288	0.058358	-0.024006	0.027521	-0.000166
	0.011956					
z246	0.011372	-0.082985	0.009814	0.059902	-0.030554	0.024530
	-0.008053	-0.008385	0.039764	0.022409	-0.000035	-0.016659
	-0.059236	0.012739	0.017278	-0.001342	-0.026027	-0.015843
	-0.024509	0.035610	-0.001060	0.051295	-0.023494	-0.021392
	-0.030608	-0.021225	-0.034947	0.024060	0.040528	0.006401
	0.019810					

x247	0.019690	0.010481	0.012586	-0.031266	-0.016185	-0.012163
	0.004930	0.006674	0.000524	0.059969	0.020589	-0.018823
	-0.029659	-0.016382	-0.033816	0.064956	0.014495	0.006960
	0.015500	0.050388	0.000203	-0.023675	0.010671	0.015378
	-0.003125	0.003506	0.042268	0.013046	0.011506	0.017937
	-0.004468					
y247	0.034263	-0.040258	-0.014726	-0.073081	0.009154	-0.061156
	-0.016530	0.021520	0.048949	-0.061024	-0.014159	0.043217
	-0.030739	0.030839	-0.044483	-0.039198	-0.008626	0.030195
	0.048079	0.006666	-0.020368	-0.001145	0.009389	0.019666
	0.050737	-0.011211	0.066078	-0.005472	0.033572	0.021297
	0.021337					
z247	0.015824	-0.084192	0.006839	0.061736	-0.035785	0.022082
	-0.001738	-0.003694	0.056135	0.022277	-0.007887	-0.010216
	-0.044073	0.002534	0.021207	-0.030695	-0.013042	-0.007446
	-0.027842	0.025232	-0.011701	0.046474	-0.020799	-0.021516
	-0.013353	-0.021292	-0.039176	-0.010885	0.023178	-0.012201
	0.025918					
x248	0.012211	0.012092	0.014093	-0.038030	-0.016152	-0.010958
	0.006655	0.010951	-0.005270	0.057274	0.020551	-0.019049
	-0.028236	-0.016600	-0.037171	0.057906	0.003734	0.003781
	0.014586	0.060070	0.008035	-0.018959	0.013961	0.011386
	0.001172	0.008213	0.047623	0.007809	-0.000232	0.020178
	-0.015850					
y248	0.030996	-0.037409	-0.020852	-0.071523	0.001155	-0.059023
	-0.019866	0.023773	0.060199	-0.058269	-0.014665	0.043121
	-0.036836	0.047559	-0.037230	-0.035367	-0.009338	0.030937
	0.037162	0.006494	-0.031539	0.002246	0.018136	0.000609
	0.060206	0.007626	0.057840	-0.009687	0.030131	-0.000825
	0.016484					
z248	0.019658	-0.082639	-0.001353	0.061888	-0.028933	0.017610
	0.000033	-0.001584	0.062429	0.022917	-0.025710	-0.009183
	-0.030831	0.003941	0.028019	-0.013999	0.004668	-0.002891
	-0.044229	0.018288	-0.030562	0.037826	-0.036102	-0.024234
	-0.026338	-0.010554	-0.046514	-0.016700	0.036707	-0.030841
	0.034225					
x249	0.006734	0.016154	0.015874	-0.044728	-0.015436	-0.006754
	0.006445	0.013872	-0.010510	0.057753	0.016637	-0.013006
	-0.021878	-0.019870	-0.041267	0.058192	-0.002036	0.001810
	0.007900	0.060389	0.001438	-0.023239	0.011507	0.007086
	0.012092	-0.000047	0.027204	-0.009186	-0.009622	0.020260
	0.000420					

y249	0.031723	-0.032066	-0.023454	-0.069193	-0.010448	-0.047079
	-0.024268	0.023061	0.071781	-0.049250	-0.011074	0.045713
	-0.042721	0.050787	-0.036515	-0.031675	-0.009872	0.025201
	0.018227	-0.004570	-0.042789	0.003252	0.017581	-0.003261
	0.056268	0.002065	0.029049	-0.018056	0.019912	-0.010076
	0.022704					
z249	0.021943	-0.083967	-0.007690	0.063389	-0.024542	0.006417
	0.006938	0.000305	0.068401	0.019796	-0.036083	-0.017002
	-0.026175	0.009343	0.030864	-0.018769	0.005291	-0.004019
	-0.056614	0.045642	-0.021973	0.052895	-0.044235	0.001646
	-0.038629	0.007879	-0.014653	0.012292	0.038959	-0.024378
	0.011630					
x250	-0.001957	0.018691	0.023102	-0.052373	-0.007816	-0.010380
	0.005421	0.019256	-0.019042	0.057966	0.011624	-0.012086
	-0.021315	-0.007371	-0.036832	0.052873	-0.012083	-0.002213
	-0.009420	0.071141	0.001648	-0.005225	0.011164	0.001670
	0.017548	0.004547	0.047000	0.005397	-0.003067	0.021363
	-0.001226					
y250	0.030285	-0.029641	-0.021891	-0.069088	-0.014848	-0.039483
	-0.030460	0.032986	0.076500	-0.039938	-0.001314	0.037318
	-0.056343	0.058086	-0.029952	-0.026595	-0.021151	0.023904
	-0.006846	-0.019548	-0.045441	0.016964	0.021870	-0.010895
	0.029966	0.002192	0.038290	-0.017150	0.014422	0.015678
	0.013838					
z250	0.028648	-0.084009	-0.014553	0.062718	-0.024205	0.009778
	0.018045	0.003008	0.066301	0.016141	-0.044890	-0.019614
	-0.009188	-0.010439	0.022562	-0.016007	0.008965	0.000916
	-0.051266	0.030047	-0.017730	0.038823	-0.038946	0.012562
	-0.048156	-0.006718	-0.032301	-0.011766	0.008576	-0.015220
	0.003613					
x251	-0.009287	0.023276	0.023294	-0.060404	-0.003232	-0.010041
	0.006420	0.024911	-0.025382	0.060364	-0.001719	-0.015200
	-0.017740	-0.001945	-0.031547	0.047907	-0.023171	-0.010150
	-0.025910	0.080992	0.008228	0.006909	0.020186	0.005502
	0.008551	0.011923	0.064492	0.010171	-0.002826	0.044845
	-0.004894					
y251	0.029557	-0.025721	-0.022348	-0.067781	-0.022639	-0.032967
	-0.034198	0.042014	0.077475	-0.031904	-0.003813	0.032147
	-0.065692	0.055072	-0.026958	-0.022193	-0.028555	0.011610
	-0.021161	-0.031883	-0.043877	0.021025	0.041181	-0.017826
	0.001265	0.015759	0.055310	-0.024301	0.002480	0.037493
	0.004045					

z251	0.035123	-0.087710	-0.011011	0.061493	-0.019200	0.010183
	0.027165	0.008911	0.062769	0.008085	-0.042261	-0.013263
	-0.003602	-0.024535	0.008979	-0.010986	0.005122	0.009619
	-0.056063	0.000684	-0.022550	0.035360	-0.041246	0.009045
	-0.045860	-0.025151	-0.044642	-0.023996	-0.013107	-0.042713
	-0.001882					
x252	-0.015654	0.027288	0.022697	-0.065463	-0.005500	-0.007468
	0.007109	0.015194	-0.036960	0.063359	-0.013601	-0.013874
	-0.017932	0.001467	-0.031159	0.049515	-0.036420	-0.008010
	-0.039286	0.088897	0.007077	0.014119	0.011098	0.015132
	0.024601	-0.017388	0.035467	-0.005281	-0.024307	0.017781
	0.012216					
y252	0.028346	-0.021639	-0.024243	-0.065168	-0.039015	-0.021769
	-0.039630	0.039178	0.080434	-0.030474	-0.008284	0.038782
	-0.074435	0.053778	-0.027131	-0.018763	-0.031557	-0.007777
	-0.023315	-0.036302	-0.048089	0.017507	0.048691	-0.007405
	0.018113	-0.014210	0.039733	-0.042513	-0.021824	-0.002255
	0.025135					
z252	0.039158	-0.088995	-0.008939	0.058918	-0.008261	0.007824
	0.036936	0.023802	0.065347	-0.002663	-0.037947	-0.005757
	0.009897	-0.031489	0.001200	-0.012725	0.008114	-0.000223
	-0.065528	-0.012372	-0.026561	0.025648	-0.031138	0.008135
	-0.042955	-0.004291	-0.021412	0.005143	-0.017851	-0.041123
	-0.013845					
x253	-0.020526	0.029563	0.024694	-0.070485	0.003450	-0.007104
	0.005696	0.019652	-0.043618	0.060702	-0.010370	-0.013044
	-0.013423	0.001774	-0.029334	0.041603	-0.041776	0.003379
	-0.041115	0.077890	-0.017617	0.020711	0.023296	0.006430
	0.021331	0.008060	0.030434	0.005373	-0.056266	0.017207
	-0.017854					
y253	0.027327	-0.016827	-0.022381	-0.063995	-0.046362	-0.012699
	-0.048687	0.043865	0.079932	-0.026024	-0.002205	0.040888
	-0.079424	0.045486	-0.027864	-0.022818	-0.019451	-0.019619
	-0.022403	-0.051180	-0.068605	0.024440	0.059310	-0.006765
	0.005684	-0.006501	0.043285	-0.041732	-0.047601	0.000199
	0.003236					
z253	0.040922	-0.089919	-0.006450	0.055752	-0.004298	0.003150
	0.049381	0.029405	0.056820	-0.007664	-0.050468	-0.005870
	0.020553	-0.041925	-0.005562	-0.004138	0.005055	-0.009288
	-0.083238	-0.013374	-0.016104	0.029688	-0.036800	0.022198
	-0.043825	-0.029721	0.011754	0.013156	-0.000679	-0.027915
	0.000512					

x254	-0.023726	0.029752	0.027040	-0.073923	0.015918	-0.005272
	0.005133	0.023076	-0.049781	0.066005	-0.000606	-0.008753
	-0.018602	0.000766	-0.019402	0.021978	-0.036336	-0.011682
	-0.065957	0.090949	-0.033698	0.033397	0.026380	0.018055
	0.009591	0.003461	-0.004951	0.038564	-0.066062	0.039728
	0.000318					
y254	0.027452	-0.014084	-0.019523	-0.057773	-0.051840	0.001244
	-0.057713	0.042914	0.072492	-0.017623	0.006799	0.055001
	-0.086384	0.041614	-0.028816	-0.031025	0.004734	-0.041211
	-0.025182	-0.054925	-0.081865	0.026254	0.067993	-0.005050
	-0.000159	-0.021702	0.001959	-0.033972	-0.057275	0.007468
	-0.025967					
z254	0.041297	-0.089149	-0.003417	0.051115	0.002412	-0.002649
	0.066174	0.034230	0.039418	-0.017788	-0.069244	-0.007491
	0.036278	-0.053487	-0.014829	0.015924	-0.006518	0.009182
	-0.089991	-0.029579	-0.012414	0.018680	-0.025186	0.021261
	-0.033118	-0.033071	0.050715	0.015338	-0.009118	-0.040822
	-0.017647					
x255	-0.030335	0.029460	0.025464	-0.071159	0.021449	-0.004654
	0.007511	0.030599	-0.051225	0.058725	-0.015877	-0.019429
	-0.020346	-0.006374	-0.015637	0.019414	-0.064970	-0.019693
	-0.072854	0.078132	-0.031609	0.060794	0.034196	0.027752
	-0.017516	0.006194	0.001868	0.033060	-0.085226	0.078537
	-0.053772					
y255	0.023167	-0.014082	-0.016483	-0.047765	-0.060271	0.004966
	-0.062996	0.056186	0.070070	-0.020336	0.001847	0.059672
	-0.087975	0.034289	-0.039158	-0.033821	-0.002071	-0.050591
	-0.011193	-0.075997	-0.085470	0.042934	0.089232	0.001134
	-0.022426	-0.011797	0.008317	-0.059333	-0.061536	0.024516
	-0.118176					
z255	0.043948	-0.088719	0.002829	0.046238	0.014945	-0.011797
	0.079768	0.037081	0.018212	-0.019677	-0.075576	0.000255
	0.047863	-0.058739	-0.023000	0.023220	0.002042	0.027810
	-0.108859	-0.028157	-0.021648	0.007455	-0.011375	0.023739
	-0.010044	-0.025318	0.071660	0.038727	-0.000909	-0.068317
	0.000562					
x256	-0.034818	0.029311	0.023166	-0.064589	0.025839	-0.004812
	0.019054	0.025684	-0.036205	0.045664	-0.017631	-0.036240
	-0.022680	-0.002849	-0.018260	0.030997	-0.094266	-0.018691
	-0.088783	0.060040	-0.024279	0.071912	0.046402	0.030405
	-0.015010	0.012362	-0.005262	0.025279	-0.072482	0.108329
	-0.083455					

y256	0.019969	-0.011038	-0.009937	-0.040839	-0.070114	0.012465
	-0.067657	0.060735	0.070537	-0.027972	-0.000240	0.074011
	-0.086407	0.032381	-0.060776	-0.039728	-0.004413	-0.066631
	-0.001453	-0.098616	-0.081207	0.057496	0.114994	-0.004071
	-0.009824	-0.015845	0.014887	-0.083592	-0.062330	0.023876
	-0.174772					
z256	0.046290	-0.089015	0.013923	0.035498	0.033740	-0.021043
	0.085688	0.047330	-0.024962	-0.015207	-0.086848	0.007366
	0.053628	-0.081252	-0.021192	0.022023	0.026017	0.038620
	-0.116347	-0.013305	-0.042203	-0.001589	-0.001770	0.034642
	-0.014904	-0.017910	0.104311	0.078551	-0.038156	-0.079101
	0.030404					

Phylogenetic mapping

Dataset: PC scores, CovMatrix, BE_Canals, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_BE_Canals

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.11770675

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.1624

Canonical Variate Analysis: CVA ...BE_Canals

Dataset: BE_Canals

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	3.40290548	56.916	56.916
2.	1.52561791	25.517	82.434
3.	1.05025811	17.566	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.8492		
marine	2.6440	4.2482	
polar	5.1355	6.6419	4.9089

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	<.0001		
marine	0.0285	0.0004	
polar	0.0032	<.0001	0.0555

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0550		
marine	0.0532	0.0750	
polar	0.0988	0.1204	0.0991

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0637		
marine	0.1618	0.0002	
polar	0.1364	0.0413	0.1772

Canonical coefficients:

	CV1	CV2	CV3
x1	-3.8117	2.6740	2.5468
y1	4.1426	5.2789	-7.8954
z1	1.4158	-4.2567	-0.7465
x2	-12.3712	-2.7364	-3.5842
y2	-3.5398	2.2586	-8.6627
z2	-6.4206	-2.8162	-6.1507
x3	-10.1597	-1.7272	-4.3538
y3	-0.7704	2.6024	-6.7038
z3	-4.7405	-1.4020	-5.5701
x4	-6.8298	-0.9708	-4.3324

y4	0.7449	3.8629	-5.0912
z4	-1.6094	-0.1929	-5.1166
x5	-6.2714	0.2002	-3.1650
y5	2.1370	5.3569	-4.4192
z5	-1.4678	0.7870	-3.4122
x6	-4.4582	0.6262	-2.2792
y6	3.0404	5.6036	-4.2572
z6	-0.2907	1.9547	-2.3844
x7	-4.2475	1.4463	-1.6364
y7	3.8197	5.5458	-4.5275
z7	-1.6298	4.2135	-1.1371
x8	-3.9751	1.0452	-1.8662
y8	1.6711	5.5135	-4.5446
z8	-2.1777	3.2557	-1.9960
x9	-3.7638	-0.0177	-2.3134
y9	0.0188	4.8399	-4.6411
z9	-1.4506	0.8305	-2.2761
x10	-3.6249	0.1583	-1.5026
y10	-1.3488	4.8659	-4.2435
z10	-3.6349	3.1500	2.1082
x11	-3.0779	-0.2580	-1.9500
y11	-1.1796	3.8596	-2.2808
z11	-3.5199	2.2428	1.1856
x12	-1.1451	-1.4495	-3.0595
y12	-1.7425	2.6580	0.6990
z12	-2.5353	1.0804	-0.7798
x13	-0.2847	-0.5040	-3.5507
y13	-3.0406	2.0003	1.4817

z13	-3.4746	3.3633	-2.4900
x14	0.1413	-0.2544	-3.4995
y14	-2.5516	1.3204	2.3698
z14	-4.4635	2.1071	-4.6989
x15	0.7746	0.3515	-3.6226
y15	-1.4650	1.1812	3.3201
z15	-3.2516	2.6584	-3.3078
x16	1.6582	0.7994	-3.2222
y16	-1.6605	0.4108	2.8779
z16	-4.8713	3.2810	-1.7758
x17	1.6652	1.6885	-2.0954
y17	-0.6817	-0.8816	1.6313
z17	-6.3939	2.7116	-1.3527
x18	1.5291	2.1221	-2.3590
y18	0.4176	-2.3000	1.5480
z18	-6.7340	3.5363	-0.0747
x19	3.5641	-1.1640	-3.3983
y19	-0.0404	-2.8077	0.2379
z19	-8.7752	7.6859	3.6301
x20	4.7181	-0.3735	-0.9436
y20	-2.2642	-0.9731	-0.8698
z20	-7.4831	4.5284	2.8386
x21	6.2094	-1.1591	2.0548
y21	-5.6979	0.1040	-4.4276
z21	-5.6862	4.5948	2.7576
x22	6.6720	-2.4945	3.7162
y22	-7.9977	3.5150	-3.5595
z22	-2.5572	2.5520	0.5608

x23	4.9995	-2.6686	5.7885
y23	-11.4356	5.3865	-4.4691
z23	1.8159	0.3095	0.1142
x24	4.7813	-5.1737	4.6626
y24	-11.7926	6.1196	-5.1797
z24	2.8837	0.4719	1.7830
x25	4.9554	-8.1177	-0.5746
y25	-9.3197	4.8701	-6.1061
z25	2.1742	-0.2395	2.7312
x26	1.4491	-6.7766	-1.7913
y26	-10.0094	6.8995	-2.6466
z26	1.5528	-1.3133	2.3957
x27	4.1245	-6.4958	-1.2168
y27	-3.2501	3.8632	1.4700
z27	-0.7610	-2.0184	1.4314
x28	4.9617	-4.2780	-2.3578
y28	1.5452	0.3265	0.5664
z28	-2.5711	-3.3204	0.0980
x29	2.2720	-5.2883	-3.7532
y29	-1.9675	-8.6973	-6.8721
z29	-3.9562	-4.8951	-1.2825
x30	1.5448	-8.4082	-5.0044
y30	-7.6594	-6.2431	-8.7793
z30	-1.4440	-10.2261	-2.7053
x31	2.1177	-6.4819	-2.5010
y31	-8.3120	-1.5529	-4.9313
z31	0.1131	-7.7909	-0.8574
x32	2.3070	-5.8173	-0.5648

y32	-9.0167	1.3115	-3.6226
z32	-2.7496	-4.7092	-3.9469
x33	2.9747	-7.3656	-0.7894
y33	-6.7056	6.0512	-0.9178
z33	-1.3779	-1.8867	-4.8807
x34	3.5788	-6.8162	-0.0023
y34	-4.5449	9.7831	-0.0066
z34	3.9476	-0.3338	-5.3523
x35	1.0292	-3.4151	-0.1884
y35	-0.9628	9.5418	0.1513
z35	11.9408	-1.1019	-2.1504
x36	0.0412	-2.8384	-1.2735
y36	1.3181	8.3324	1.0047
z36	13.6073	2.5099	2.3997
x37	1.3083	-4.0462	-0.6682
y37	3.0015	4.4620	-0.0780
z37	9.3204	8.4448	1.9146
x38	3.5096	-3.2128	0.5158
y38	3.2518	-1.7554	-4.9921
z38	3.8091	11.6979	3.8040
x39	4.9463	-0.4395	1.5807
y39	1.5365	0.4740	-3.7356
z39	2.3697	9.7379	1.4141
x40	4.6169	-1.8797	2.0420
y40	2.2727	3.0636	-0.0528
z40	0.2907	7.4389	-1.5920
x41	4.6843	-2.8945	1.2573
y41	1.7867	6.0245	3.3749

z41	-1.0776	4.6114	-4.3628
x42	2.2267	-2.5623	1.2627
y42	2.3957	6.9204	4.1477
z42	-2.9647	2.9468	-5.6279
x43	-1.1899	-2.3190	0.9188
y43	2.9747	6.7794	3.4899
z43	-4.3690	2.2259	-5.9486
x44	-5.5796	-2.1605	0.0001
y44	2.6194	7.2805	2.7501
z44	-4.5340	1.5448	-5.5013
x45	-9.8261	-1.1682	-0.7398
y45	1.8209	6.7504	1.2539
z45	-4.8726	1.1488	-4.7335
x46	-12.8477	-0.5453	-1.3700
y46	0.6628	5.0274	-2.2912
z46	-5.1711	0.7124	-3.9224
x47	-7.4304	-1.5374	-0.3542
y47	1.6972	-1.7596	3.2831
z47	5.6959	2.2261	-6.0001
x48	-6.5906	-2.6250	1.0677
y48	0.6277	-0.4643	3.3100
z48	5.1606	1.1612	-5.3505
x49	-7.2927	-2.7144	1.0045
y49	-2.4258	1.7713	2.7246
z49	3.9856	1.2767	-4.3715
x50	-6.0542	-4.8585	-0.1034
y50	-1.3512	-1.3212	-0.3086
z50	4.7065	-1.2891	-4.7025

x51	-5.5851	-4.4599	-0.1385
y51	-1.1210	-1.6283	-1.1421
z51	4.9684	-2.0181	-3.7528
x52	-4.1834	-3.9516	0.6418
y52	0.4382	-0.6127	-0.1267
z52	6.3712	-1.9133	-1.6601
x53	-3.0889	-3.7923	0.3863
y53	2.5407	-0.3673	-0.3875
z53	7.8545	-2.0169	-0.9553
x54	-2.5078	-2.6553	1.0552
y54	2.9310	1.3259	0.6376
z54	8.1042	-0.1303	1.6862
x55	-0.2903	-1.9724	0.5873
y55	3.8002	-1.1648	0.0873
z55	10.2123	-3.0788	1.7376
x56	-0.7241	-2.0615	-0.5624
y56	1.8497	3.9105	1.0484
z56	8.8319	-3.2329	0.7112
x57	-2.6857	-1.4242	-1.0860
y57	-0.9029	6.4092	1.4624
z57	4.6699	-3.4647	-0.1158
x58	-2.9627	-1.2435	-1.3075
y58	-2.2908	3.7466	0.6735
z58	2.6499	-3.2243	0.3852
x59	-2.8623	-0.3253	-1.4535
y59	-0.2744	4.5020	2.4580
z59	4.2340	-1.7552	2.3034
x60	-1.8296	-1.3451	-2.0056

y60	2.4566	1.6748	2.0017
z60	6.9309	-3.5537	2.9739
x61	-1.6885	-1.1434	-1.9388
y61	-1.3888	-0.5963	-0.5060
z61	3.9194	-3.7736	3.1839
x62	-1.6819	-1.0338	-2.5738
y62	0.2153	-1.7079	0.0908
z62	4.2105	-2.8048	3.5682
x63	-0.7186	-0.7114	-2.3868
y63	-0.9936	-2.2848	0.7475
z63	3.6969	-2.2204	5.0032
x64	-0.6072	0.1734	-2.3406
y64	-1.5866	-4.9695	-0.9951
z64	1.8021	-4.4139	3.4547
x65	-0.8769	0.6865	-2.5793
y65	0.8206	-4.6504	-0.5520
z65	1.4812	-3.5437	3.3592
x66	-0.3223	0.8633	-3.1485
y66	1.5558	-5.7041	0.8741
z66	2.3817	-6.1137	2.4760
x67	0.5353	0.6735	-3.3590
y67	0.4597	-3.2266	2.1225
z67	2.2206	-3.2396	2.9978
x68	1.2810	0.3968	-3.6490
y68	-0.3660	-1.4256	3.6377
z68	1.9214	-1.2670	3.6409
x69	3.7391	0.6662	-2.4310
y69	-4.4922	-1.1696	2.1342

z69	-1.7432	-0.5379	1.4150
x70	3.6399	0.3939	-2.1785
y70	-4.9651	-0.1059	2.0041
z70	-1.8695	1.1017	1.3114
x71	3.5108	1.7563	-1.9702
y71	-5.1640	-0.6772	2.6789
z71	-1.8840	0.4048	1.1526
x72	3.1854	2.2396	-2.4045
y72	-5.0629	-2.3451	2.9817
z72	-2.0485	1.2813	2.3586
x73	1.6535	2.4133	-1.7006
y73	-3.9036	-2.1966	2.7202
z73	-1.8713	-1.2941	-1.2323
x74	0.1930	0.3578	-4.2994
y74	-4.0878	2.1135	5.8740
z74	-0.5055	0.4925	1.0393
x75	-0.7633	0.5108	-3.8462
y75	-3.6185	3.5766	5.7187
z75	-0.6586	0.3723	1.8025
x76	-1.3061	0.5517	-2.3062
y76	-1.2084	5.0881	4.4709
z76	-0.7629	-1.2896	0.8297
x77	-3.1288	0.4609	-2.7095
y77	2.0638	6.3567	4.2629
z77	0.0502	-2.7122	1.3066
x78	-0.9219	2.8689	-1.4836
y78	3.0899	5.7415	3.5213
z78	-0.7240	-2.7004	1.5898

x79	-1.0378	2.9402	-1.2892
y79	3.8686	5.3928	2.9474
z79	-0.9282	-2.3183	2.2041
x80	0.1859	-1.0533	-3.5738
y80	3.8784	6.8315	3.4633
z80	-1.2938	0.6652	4.4543
x81	-2.3382	1.2410	-1.1748
y81	7.2055	2.0294	1.6391
z81	-0.5083	2.1499	5.7067
x82	-5.7802	4.1915	3.2734
y82	9.9366	-3.3628	-1.3427
z82	-0.5849	5.2847	6.9432
x83	-6.9635	4.4913	4.4243
y83	9.9288	-6.8598	-0.8229
z83	-1.4187	11.3648	9.5830
x84	-1.6437	-11.2633	-0.6431
y84	2.7010	-3.7929	2.0067
z84	-6.5823	-5.6143	-6.6949
x85	1.3657	-10.7079	-2.2286
y85	1.8054	-2.7949	3.7422
z85	-5.2094	-4.4860	-6.9106
x86	1.8613	-8.9567	-3.3582
y86	2.1211	-3.8974	3.8523
z86	-3.0239	-2.8170	-6.9241
x87	1.8394	-9.3457	-5.3039
y87	1.5560	-3.8250	4.1176
z87	-2.3346	-2.0351	-7.6289
x88	2.2166	-8.7752	-5.6579

y88	0.2100	-4.7083	3.0249
z88	-1.0832	-0.9674	-7.9579
x89	0.2441	-8.2791	-7.0606
y89	1.2409	-4.9548	3.5734
z89	-0.7848	0.1341	-8.6949
x90	-1.2425	-7.3520	-7.5971
y90	1.6445	-4.9951	3.2253
z90	-1.1775	1.6566	-9.1323
x91	-3.5423	-5.7678	-7.4147
y91	2.4626	-5.9961	1.7899
z91	-0.9664	4.0254	-7.5171
x92	-4.1920	-5.5089	-7.2336
y92	0.1058	-6.9612	-0.8610
z92	1.5292	5.0142	-5.1170
x93	-1.5152	-7.1423	-6.2429
y93	-0.9239	-4.2026	0.2329
z93	4.2913	2.4387	-5.0405
x94	1.6321	-7.5725	-4.6311
y94	-0.7210	-1.7304	3.6829
z94	6.0533	1.5036	-5.4179
x95	1.2619	-7.3185	-2.9379
y95	1.0882	-2.5794	2.5703
z95	5.7437	3.0708	-3.1981
x96	0.6135	-6.1432	-1.9355
y96	2.2834	-2.0230	2.5638
z96	5.4473	3.2726	-2.7136
x97	2.6609	-5.3237	-1.8110
y97	2.5580	-1.9619	2.2836

z97	6.9999	5.0375	-1.2326
x98	3.1997	-3.9179	-1.2478
y98	3.7997	-2.1132	1.7867
z98	5.7351	7.7172	0.2583
x99	1.0949	-0.8296	0.7917
y99	5.0180	-1.8654	2.1666
z99	2.4444	10.1799	1.2760
x100	1.5806	-0.9148	0.2014
y100	5.6172	-1.4420	2.1170
z100	3.4820	8.5306	-0.5181
x101	1.2848	-0.4334	0.2840
y101	6.0244	-0.8019	1.7956
z101	3.3955	7.8595	-1.6804
x102	1.2495	-0.8640	-0.5182
y102	6.9642	-0.8878	1.3635
z102	4.0343	7.5569	-0.6481
x103	0.7715	-1.2768	0.2499
y103	6.3661	-0.1622	1.7768
z103	5.9825	3.3240	-0.9467
x104	0.2567	-0.0011	1.0527
y104	5.5258	-0.2370	0.5860
z104	3.5855	2.3363	-2.0010
x105	-0.3373	1.9036	3.1578
y105	5.7400	0.2393	0.3765
z105	3.3936	2.2560	-0.2762
x106	-1.3282	2.4093	3.5550
y106	5.3287	0.0336	1.0063
z106	2.1437	2.4000	1.4050

x107	-1.7775	2.6311	3.5312
y107	5.6095	0.3322	2.3793
z107	2.7619	2.2824	4.0292
x108	-2.0219	0.6568	3.7192
y108	3.3329	-0.9815	2.6231
z108	3.0612	-2.6953	4.4076
x109	-2.4856	-0.9487	1.7780
y109	1.9559	-0.9239	1.7502
z109	3.3081	-4.4455	4.0873
x110	-3.9565	1.8334	0.9009
y110	-0.4757	5.5686	2.4689
z110	2.5858	-3.7039	4.1930
x111	-2.6892	0.9069	0.9146
y111	-1.5379	9.8426	2.7387
z111	0.6584	-2.4828	4.1881
x112	-2.0872	-0.6924	-1.7561
y112	4.7898	11.5370	5.5764
z112	-2.5515	-1.4180	3.4447
x113	-6.9046	-1.8514	-7.2033
y113	0.5933	11.0138	5.4754
z113	-5.5445	-1.6167	1.7478
x114	-5.0065	-5.0249	-15.4927
y114	1.1652	7.8740	0.6915
z114	-7.0034	-2.7999	-0.0223
x115	-4.3383	-2.9862	-15.1134
y115	-0.3484	7.4448	2.6968
z115	-8.3807	-1.6462	-1.4177
x116	-4.5006	1.8188	-10.2402

y116	-0.1807	4.9473	2.2309
z116	-7.3478	-2.3197	-4.2727
x117	3.2323	-0.0236	-12.3846
y117	1.1115	1.8441	-1.0996
z117	-9.1115	1.3754	-1.0994
x118	6.0760	3.7506	-6.6762
y118	-0.2489	1.2047	-1.6886
z118	-7.5904	5.2485	1.9465
x119	8.1796	7.7844	2.6255
y119	-2.3617	1.4710	-1.9696
z119	-1.8597	9.7901	6.3826
x120	11.1017	13.2946	12.2611
y120	-4.9193	-0.8079	-2.9277
z120	2.8710	10.3451	11.8494
x121	12.1971	7.8708	7.6274
y121	-5.0741	1.3721	0.1271
z121	3.2390	5.7506	8.5400
x122	10.7227	6.0403	5.7487
y122	-7.0375	0.4838	-2.5973
z122	0.8447	2.7228	4.3191
x123	9.3471	3.0223	2.9292
y123	-8.9505	-2.1923	-3.8612
z123	-0.9803	-2.7072	-0.2795
x124	6.5795	0.0398	1.2027
y124	-9.1626	-6.2364	-5.4084
z124	-2.0570	-7.9193	-4.3009
x125	3.9303	-1.6202	0.4470
y125	-8.4388	-10.3326	-5.5308

z125	-2.5825	-12.6942	-7.3525
x126	2.7516	-2.5787	-0.0785
y126	-7.8444	-13.3033	-4.6994
z126	-3.5826	-16.6403	-9.8455
x127	1.0998	-4.7153	-0.4383
y127	-5.5668	-11.5406	-1.9213
z127	-2.9773	-15.3479	-10.6271
x128	-0.5004	-9.2925	-1.7910
y128	-0.9817	-4.9099	2.2102
z128	-3.9202	-8.5744	-8.0629
x129	8.1941	4.1578	6.5732
y129	-2.8126	7.9762	-0.9047
z129	12.0702	9.0170	2.1183
x130	7.4839	-0.5140	3.8190
y130	-0.1207	8.7461	-1.7405
z130	9.0681	8.0142	2.0767
x131	6.9839	-1.9665	3.7302
y131	2.8697	11.7032	0.8014
z131	4.8304	3.4869	-0.1114
x132	6.3259	-3.4225	2.7570
y132	6.9117	13.4082	1.4904
z132	3.2379	0.8139	-1.4298
x133	2.9914	-4.5777	-0.0091
y133	5.6112	11.2810	-1.4769
z133	3.7245	-0.3142	-1.8504
x134	1.5765	-5.1335	1.2295
y134	3.6211	9.5663	0.5688
z134	3.6990	-0.3790	-1.8207

x135	0.0415	-6.6044	0.1198
y135	1.8783	6.0754	0.2031
z135	3.7042	0.3964	-1.7212
x136	-1.4696	-6.0101	-1.1855
y136	1.5991	5.2418	-0.1018
z136	3.0525	-1.1714	-2.4128
x137	-0.7879	-6.7333	-2.7288
y137	1.7534	4.5658	-0.6947
z137	2.5300	-1.4817	-2.2742
x138	0.6063	-4.7880	-0.0273
y138	-1.8537	4.3819	-1.1806
z138	4.2471	-0.7321	-2.1022
x139	0.4797	-1.6230	2.0832
y139	1.7500	4.9040	0.3469
z139	1.8604	-0.6402	-3.6275
x140	-2.4507	-2.3372	0.0857
y140	0.8527	3.0543	-1.3873
z140	2.9680	-0.2849	-3.4730
x141	-3.6169	-2.5186	-1.2164
y141	-0.6356	3.4379	-1.4141
z141	4.4912	-1.3903	-4.0733
x142	-3.5459	-0.8912	-1.7243
y142	-2.2109	5.6735	-0.6317
z142	4.1521	-5.5399	-5.3040
x143	-1.9464	-0.6886	-2.2378
y143	0.3566	3.9186	-0.7241
z143	-0.5138	-6.0729	-5.5484
x144	-2.2456	-1.3601	-3.2261

y144	1.4183	2.3555	-0.8843
z144	-2.4759	-3.5021	-3.2043
x145	-0.9959	-2.1201	-2.8242
y145	3.6104	0.9205	1.8585
z145	-3.5422	-2.8616	-5.9677
x146	-0.0210	-2.2909	-2.3132
y146	6.6550	0.6757	2.7721
z146	-4.1476	-2.3484	-6.6320
x147	2.3782	0.0377	-1.3372
y147	5.6934	0.2659	1.9053
z147	-0.4488	-4.1736	-4.9192
x148	4.3026	4.3967	0.9787
y148	6.9607	0.2446	2.0447
z148	-1.2257	-3.5231	-3.5616
x149	3.1372	7.1403	1.6286
y149	6.6742	0.9524	2.1523
z149	0.5966	-6.2102	-4.3269
x150	2.0491	8.1007	1.5630
y150	6.9801	0.2776	1.7031
z150	0.5306	-3.8994	-1.5236
x151	1.5645	8.2814	3.0374
y151	7.0857	-0.2106	1.7214
z151	2.5538	-5.2893	-4.3745
x152	1.4012	9.0200	5.0620
y152	6.9293	-0.4923	1.6535
z152	3.2909	-6.7746	-6.4149
x153	-0.0095	9.5850	5.5900
y153	6.5491	-0.7367	1.9457

z153	3.9571	-5.9844	-3.7150
x154	0.4647	10.3539	6.8995
y154	6.4128	-0.6682	2.0255
z154	1.7536	-3.7563	-1.9356
x155	-0.1560	12.2844	7.6900
y155	6.4345	-2.6454	1.4978
z155	0.0182	-6.8001	-1.4007
x156	-1.8586	14.9256	8.0762
y156	5.8630	-3.0205	1.5532
z156	-1.1427	-7.4901	-1.5741
x157	-1.8162	11.5539	6.4871
y157	6.4398	-2.6057	2.0477
z157	-1.4609	-4.8775	0.5093
x158	-1.3278	9.9145	6.2301
y158	6.4992	-3.8812	0.3289
z158	-1.5290	-5.9373	0.3072
x159	-0.2462	5.5889	5.2977
y159	7.2191	-3.3813	1.1343
z159	-0.1421	-4.1140	2.2643
x160	-0.1588	4.5071	5.8290
y160	7.7022	-3.4491	-0.3532
z160	0.7711	-3.5262	2.7537
x161	-0.5364	2.9709	6.8106
y161	8.4030	-4.4651	-1.9651
z161	1.2006	-4.5173	3.2881
x162	-2.3801	2.6983	7.8883
y162	8.4396	-5.5187	-4.1473
z162	2.6642	-5.9125	2.7712

x163	-2.4665	3.7536	7.4432
y163	7.7366	-3.9054	-2.2747
z163	2.5068	-1.8851	4.9982
x164	-4.4150	7.5915	8.4343
y164	9.0919	-7.5227	-3.6112
z164	1.0779	2.7070	6.5535
x165	-6.9635	4.4913	4.4243
y165	9.9288	-6.8598	-0.8229
z165	-1.4187	11.3648	9.5830
x166	-1.6762	-1.6841	-7.0054
y166	3.3527	-11.7986	5.9072
z166	7.9762	1.6235	4.4661
x167	-1.6146	2.1826	-2.0217
y167	1.7507	-8.1860	4.4132
z167	4.5120	1.0385	2.2752
x168	-2.5219	6.0734	0.0315
y168	0.5503	-5.9654	2.4517
z168	2.3878	1.7435	1.5114
x169	-1.8508	7.7751	1.8058
y169	-0.4515	-4.0332	0.6853
z169	0.1215	3.2321	1.8147
x170	-1.3915	8.1080	3.6308
y170	-1.4721	-3.8985	-2.6862
z170	-1.4963	3.0704	-0.1341
x171	-0.6982	4.9586	2.4271
y171	-2.2780	-2.7243	-4.0998
z171	-2.8799	2.7146	-1.7284
x172	1.1708	2.9477	2.7117

y172	-3.7965	-2.5853	-5.4256
z172	-3.8510	2.5417	-2.1902
x173	2.2026	1.9409	2.5505
y173	-4.9182	-2.5504	-6.4730
z173	-4.8235	3.0489	-2.4837
x174	5.1337	2.1907	3.9375
y174	-6.5971	-3.3820	-7.6192
z174	-4.4904	2.6102	-2.3992
x175	6.3415	0.6840	4.7223
y175	-6.5631	-2.2842	-7.2807
z175	-3.9879	2.3092	-2.6709
x176	6.0397	0.0970	2.6527
y176	-4.2942	-1.5715	-4.8722
z176	-2.2309	2.0955	-4.0553
x177	5.8875	-0.1047	1.6354
y177	-3.4825	-1.1427	-3.8818
z177	-1.6764	1.3437	-4.7755
x178	6.2994	-0.1712	2.3114
y178	-3.5257	-0.3284	-4.2602
z178	-1.1617	0.5307	-4.7851
x179	4.9077	0.3705	2.3460
y179	-0.9212	-0.8255	-4.3541
z179	-1.1063	0.5796	-4.2388
x180	5.2510	-0.1771	0.7362
y180	-1.0303	-0.2349	-2.1922
z180	-1.1008	1.2778	-3.8722
x181	4.6436	1.3112	1.4603
y181	-0.5326	-1.8301	-2.8510

z181	-1.9239	3.6882	-2.2259
x182	3.9264	1.3841	1.4675
y182	1.4157	-0.6701	-2.3430
z182	-3.5981	5.3274	-1.2795
x183	2.8524	2.6310	1.6341
y183	5.5179	0.1034	-0.1483
z183	-4.7523	6.0594	-2.0217
x184	3.1128	2.5876	1.4918
y184	2.1859	0.9107	-0.7336
z184	-5.3192	7.0131	-2.6851
x185	2.0202	3.4118	2.2647
y185	0.6493	-2.4723	-4.5275
z185	-4.5757	5.6256	-3.1185
x186	2.1761	3.9903	2.3571
y186	1.1287	-2.1064	-6.0697
z186	-7.5672	5.1820	-1.8185
x187	1.4809	3.4777	1.3357
y187	-1.1225	0.1788	-3.4017
z187	-9.5006	6.1491	1.3946
x188	-0.2522	4.3360	1.5292
y188	-1.8188	3.1442	-1.8877
z188	-9.1524	6.1755	3.9443
x189	0.9049	2.8403	-0.3775
y189	3.9640	0.0389	-3.0864
z189	-6.0365	2.8882	2.9120
x190	0.2795	1.6433	-1.7998
y190	1.5017	1.7693	0.8302
z190	-4.9457	3.1403	4.3425

x191	-0.6557	0.4241	-3.3941
y191	2.7422	-0.8944	-1.9097
z191	-3.9582	3.6493	5.9050
x192	-3.8005	1.4767	-1.6991
y192	3.8118	-1.5952	1.7138
z192	0.2867	1.9236	5.6862
x193	-2.1030	1.0178	-1.8011
y193	6.6556	-4.3910	3.2217
z193	-0.6696	0.0514	5.7665
x194	-3.3810	0.8688	-2.4454
y194	5.6190	-5.0720	5.7421
z194	0.9976	-0.8096	9.2528
x195	-7.4724	0.8713	-2.7894
y195	1.9916	-2.8586	8.2266
z195	4.3182	0.6773	11.5742
x196	-9.9854	-0.0670	-4.8157
y196	-0.7381	-2.1902	5.9376
z196	5.5485	1.8195	11.2514
x197	-9.2021	1.0466	-5.0661
y197	-1.6669	-0.5650	3.3321
z197	6.4559	1.5195	9.9416
x198	-6.4184	2.2475	1.1879
y198	-1.1143	-2.5764	3.7936
z198	6.1135	1.6314	9.7013
x199	-2.8973	3.8485	6.7850
y199	0.8505	-3.0822	4.2358
z199	5.5011	2.6628	9.7356
x200	-2.3857	3.4831	6.2495

y200	-0.7918	-3.9183	1.7778
z200	2.7585	3.2247	8.1322
x201	-3.5267	5.0887	2.5775
y201	-1.7660	-0.8572	0.0522
z201	-0.4120	7.4021	6.1960
x202	-5.3639	7.5782	1.6628
y202	-5.6197	-1.6347	-5.7675
z202	-7.2672	9.0040	1.7293
x203	-4.7878	9.7608	3.5408
y203	-2.7905	-7.8058	-6.2050
z203	-4.1314	3.9075	2.7515
x204	-5.4881	7.2169	2.7115
y204	-0.1322	-9.5348	-5.6169
z204	1.9542	1.0254	3.3970
x205	-6.5637	6.4785	2.4021
y205	4.1500	-10.1427	-2.7576
z205	3.6406	6.9381	3.3147
x206	-6.6299	5.2750	1.6607
y206	9.1162	-9.2589	1.4295
z206	3.3400	7.6626	2.4575
x207	-5.3296	3.9406	1.2638
y207	11.8193	-5.9872	5.2713
z207	4.1482	4.9088	1.5144
x208	-3.2614	4.1941	2.1483
y208	12.4789	-1.9709	6.9597
z208	2.5235	-0.5794	-1.7681
x209	-1.3500	5.6369	2.9535
y209	8.2914	0.7536	4.3490

z209	1.8414	-5.4130	-3.4645
x210	-0.9218	4.2842	1.8705
y210	0.5322	-0.3939	-1.2991
z210	-0.6526	-3.7483	-3.3298
x211	-0.0887	0.6871	1.3706
y211	-7.3044	-5.3916	-6.0871
z211	-6.2455	0.1914	-5.2425
x212	1.2136	0.2114	1.4485
y212	-11.0999	-7.9104	-3.6900
z212	-9.1684	-0.0295	-4.3124
x213	0.5873	-1.3208	-1.0839
y213	-12.8348	-8.0462	-2.5487
z213	-10.5536	1.0643	-3.0163
x214	0.1087	-1.8862	-3.0250
y214	-13.0071	-7.8091	-0.8387
z214	-10.4629	2.2624	-1.4740
x215	0.7458	-1.6754	-4.0333
y215	-11.7328	-7.8001	1.1606
z215	-9.2372	3.2642	-0.0934
x216	0.8880	-4.1897	-8.8484
y216	-9.4356	-11.2776	-0.8805
z216	-6.1986	6.0447	4.5347
x217	-1.6654	-2.5748	-9.4912
y217	-10.0768	-10.1009	1.2363
z217	-0.2508	5.5928	6.2169
x218	-0.5665	-4.3070	-11.3976
y218	-5.8592	-12.8009	0.3055
z218	2.2737	6.5825	9.1398

x219	-1.4083	-2.7727	-9.3396
y219	-3.2977	-12.0802	3.8169
z219	5.1376	4.5781	7.5128
x220	-2.9955	-0.5747	0.3994
y220	1.6785	4.4138	-0.2303
z220	18.6238	-15.2016	-4.2933
x221	-3.5235	0.7927	1.9430
y221	0.7198	4.7968	1.4027
z221	15.7348	-10.2443	-0.8307
x222	-1.9803	2.1121	5.0008
y222	0.0251	5.1892	2.3642
z222	13.8883	-6.1378	2.7614
x223	0.5382	-0.9917	3.3576
y223	0.2727	5.1332	2.8383
z223	11.9870	-6.2987	3.6753
x224	-0.0043	-2.5920	3.4452
y224	0.2351	4.5922	2.9952
z224	8.4107	-6.5515	5.7296
x225	-0.5359	-3.5314	2.0569
y225	-0.0826	4.7029	3.0186
z225	4.9681	-6.4596	6.6133
x226	-1.2824	-2.3196	1.8777
y226	-0.3524	4.3557	2.5746
z226	1.3985	-3.2059	7.6338
x227	-1.7669	0.1567	4.1194
y227	-0.2153	2.8663	0.7558
z227	-1.2801	0.6182	10.2336
x228	-1.4122	1.2488	6.0067

y228	-0.8061	2.0159	-0.4264
z228	-2.2292	1.3253	10.7156
x229	1.1918	-2.1240	3.6853
y229	0.2042	1.3951	-1.6544
z229	-0.2231	-2.5947	5.2944
x230	3.3394	-2.8991	3.2105
y230	-0.1338	1.7266	-1.9451
z230	0.7690	-3.0951	3.2014
x231	3.9739	-3.3729	3.6215
y231	-0.5864	2.7540	-1.9945
z231	-0.5132	-3.7717	2.8059
x232	5.5465	-1.8349	4.3328
y232	-1.3594	1.4868	-3.0644
z232	0.1319	-2.4575	1.4680
x233	6.0698	-3.6597	2.7903
y233	-1.7248	2.7466	-2.0852
z233	-0.6675	-3.5837	-1.6932
x234	5.9164	-3.7195	3.1881
y234	-1.6955	2.8274	-2.1390
z234	-1.7569	-4.6027	-2.2456
x235	4.8751	-1.7821	2.6277
y235	-0.6505	1.5003	-1.9527
z235	-2.6440	-3.8926	-4.5498
x236	3.8623	-1.9716	2.2312
y236	1.0601	0.9668	-1.8182
z236	-2.1392	-4.8115	-4.8389
x237	3.7465	-1.7893	1.6158
y237	1.6066	1.2130	-1.1935

z237	-1.0864	-5.3169	-5.6558
x238	3.9966	-2.2030	1.2199
y238	1.0724	2.3272	-0.7492
z238	-2.4126	-5.1132	-4.9885
x239	3.4316	-0.5714	2.3841
y239	0.4064	1.2714	-2.5831
z239	-3.8516	-1.4886	-2.3269
x240	4.8489	-1.3196	1.1201
y240	-2.1271	2.3431	-0.9161
z240	-2.7363	-1.8505	-4.3492
x241	5.8095	-0.8012	0.9648
y241	-3.2450	2.1986	0.4088
z241	-3.6262	-0.6861	-4.7920
x242	5.7038	-0.3033	0.5222
y242	-1.0121	-0.7432	-1.1572
z242	-6.7841	0.8918	-4.1229
x243	4.9723	0.9762	1.5294
y243	-0.6217	-1.6167	-2.6694
z243	-6.8602	-0.3704	-2.9069
x244	4.9669	0.3616	0.6752
y244	-3.0780	1.4208	0.0037
z244	-3.4384	-1.6058	-2.3683
x245	3.8177	0.8428	1.1748
y245	-2.3308	0.9108	1.8047
z245	-2.2302	0.6002	-1.3676
x246	3.3504	0.6133	0.7280
y246	0.6147	-2.7903	0.1915
z246	-2.7268	3.8108	1.3941

x247	2.5481	1.9196	0.9165
y247	1.4706	-0.8949	1.3443
z247	-3.1206	0.5498	2.0786
x248	0.8222	2.0351	0.4880
y248	-0.2249	-2.6802	-0.7482
z248	-2.5067	-1.5944	2.1046
x249	1.5591	-0.1121	0.8426
y249	-0.5333	-4.1837	-1.0326
z249	-4.6646	2.3997	1.9333
x250	0.4481	0.9600	0.8860
y250	-2.5456	-1.7639	1.3039
z250	-4.7777	1.1081	3.1755
x251	-0.7196	3.4339	2.6645
y251	-4.5343	-0.0907	3.8135
z251	-5.2181	-3.4916	2.1339
x252	-0.4702	-0.0192	0.2598
y252	-4.1060	-4.7495	2.1713
z252	-5.5459	-2.9577	3.2109
x253	-3.8140	0.4346	-1.2938
y253	-6.5308	-3.7791	2.8963
z253	-3.5369	-2.5550	6.5201
x254	-2.5311	4.6300	0.0240
y254	-8.5336	-1.1677	2.8537
z254	-4.2131	-5.4953	6.2365
x255	-8.1563	8.3516	1.8629
y255	-17.0657	0.4788	3.0490
z255	-1.5048	-8.5655	5.1149
x256	-9.5028	9.8653	3.2612

y256	-21.8978	-0.5523	3.0696
z256	0.9978	-8.3353	5.5677

New Procrustes fit:

Dataset 'BE_Cochlea'

451 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.05877580	-0.04667531	0.01801701
2	0.05962066	-0.04487025	0.01793542
3	0.06005017	-0.04301460	0.01758805
4	0.06018825	-0.04102789	0.01698509
5	0.05997332	-0.03903239	0.01610827
6	0.05954585	-0.03723577	0.01506347
7	0.05862282	-0.03555502	0.01375282
8	0.05731222	-0.03408616	0.01225261
9	0.05560439	-0.03288497	0.01057820
10	0.05347188	-0.03194937	0.00861058
11	0.05062401	-0.03103028	0.00641017
12	0.04799972	-0.03034966	0.00466563
13	0.04585368	-0.02996126	0.00339922
14	0.04358156	-0.02989691	0.00228664
15	0.04166877	-0.03033148	0.00158216
16	0.03989504	-0.03105285	0.00121715
17	0.03831066	-0.03194019	0.00116767
18	0.03645372	-0.03322449	0.00146059
19	0.03481507	-0.03479820	0.00225492
20	0.03343377	-0.03681865	0.00327817
21	0.03252415	-0.03895647	0.00432437

22	0.03219559	-0.04106531	0.00547771
23	0.03233126	-0.04308833	0.00659864
24	0.03301622	-0.04508684	0.00786062
25	0.03419896	-0.04713879	0.00920107
26	0.03588820	-0.04913998	0.01052433
27	0.03802368	-0.05111676	0.01189757
28	0.04083396	-0.05300532	0.01310040
29	0.04390119	-0.05449422	0.01413075
30	0.04649016	-0.05535121	0.01525070
31	0.04880712	-0.05532383	0.01598656
32	0.05055348	-0.05488999	0.01645947
33	0.05244782	-0.05407417	0.01699630
34	0.05432022	-0.05282038	0.01748719
35	0.05599132	-0.05123296	0.01784864
36	0.05742757	-0.04918859	0.01799648
37	0.00796688	0.04727679	0.02916560
38	0.00772690	0.05210426	0.02890904
39	0.00718053	0.05698305	0.02631584
40	0.00675666	0.05940990	0.02318183
41	0.00649699	0.06003132	0.02070380
42	0.00626769	0.05971020	0.01831279
43	0.00606234	0.05869019	0.01597498
44	0.00570363	0.05724657	0.01357798
45	0.00526270	0.05660174	0.01168152
46	0.00496687	0.05615289	0.01025701
47	0.00503230	0.05872998	0.00909673
48	0.00489443	0.06075146	0.00746035
49	0.00474147	0.06167771	0.00576857

50	0.00449965	0.06200121	0.00401573
51	0.00414824	0.06193338	0.00218839
52	0.00368755	0.06131051	0.00013210
53	0.00310433	0.05953712	-0.00242719
54	0.00254840	0.05605564	-0.00462411
55	0.00211284	0.05224809	-0.00532753
56	-0.04519183	0.00435963	0.03018831
57	-0.04917633	0.00474008	0.03051463
58	-0.05363058	0.00512857	0.02919284
59	-0.05617507	0.00526689	0.02702704
60	-0.05715319	0.00530614	0.02485186
61	-0.05716557	0.00523439	0.02271843
62	-0.05667410	0.00515312	0.02039673
63	-0.05636188	0.00508541	0.01816311
64	-0.05615519	0.00509014	0.01588401
65	-0.05586330	0.00484961	0.01395646
66	-0.05820874	0.00501670	0.01263134
67	-0.05995323	0.00522247	0.01098426
68	-0.06077710	0.00535437	0.00926151
69	-0.06107289	0.00543619	0.00745131
70	-0.06093483	0.00548187	0.00549732
71	-0.06032544	0.00548634	0.00322566
72	-0.05867577	0.00540296	0.00052616
73	-0.05554794	0.00519083	-0.00204748
74	-0.05186728	0.00494762	-0.00332114
75	-0.01467786	-0.03179747	0.02380551
76	-0.01516309	-0.03507844	0.02373396
77	-0.01588242	-0.03831855	0.02254883

78	-0.01659572	-0.04058230	0.02069099
79	-0.01718341	-0.04180071	0.01866474
80	-0.01764450	-0.04219087	0.01678142
81	-0.01794346	-0.04221257	0.01536279
82	-0.01824473	-0.04231746	0.01365815
83	-0.01858067	-0.04258944	0.01140901
84	-0.01887968	-0.04294714	0.00928584
85	-0.01956109	-0.04457823	0.00785725
86	-0.02016834	-0.04577853	0.00634925
87	-0.02067851	-0.04647198	0.00472613
88	-0.02106955	-0.04663562	0.00298022
89	-0.02137919	-0.04642778	0.00106451
90	-0.02164541	-0.04571495	-0.00122092
91	-0.02181391	-0.04389651	-0.00399107
92	-0.02167689	-0.04056486	-0.00642813
93	-0.02117884	-0.03672599	-0.00767928
94	-0.00426540	0.01787991	-0.00097703
95	-0.00423682	0.02154090	-0.00415794
96	-0.00423341	0.02389732	-0.00801080
97	-0.00436424	0.02487388	-0.01132986
98	-0.00454856	0.02522002	-0.01402951
99	-0.00473563	0.02517144	-0.01618625
100	-0.00493962	0.02454844	-0.01825546
101	-0.00526950	0.02288157	-0.02029303
102	-0.00571272	0.01990598	-0.02189341
103	-0.00614702	0.01626074	-0.02229218
104	-0.02787472	0.00025317	-0.00432986
105	-0.03156823	0.00026259	-0.00622263

106	-0.03438858	0.00027500	-0.00862732
107	-0.03603570	0.00025737	-0.01108417
108	-0.03674463	0.00022646	-0.01329002
109	-0.03679689	0.00018927	-0.01520185
110	-0.03631442	0.00017372	-0.01709593
111	-0.03507344	0.00015179	-0.01902401
112	-0.03277391	0.00009061	-0.02088807
113	-0.02957059	-0.00001028	-0.02209240
114	-0.01674953	-0.01552812	-0.00680430
115	-0.01782179	-0.01873545	-0.00912564
116	-0.01868114	-0.02121717	-0.01123237
117	-0.01940247	-0.02293243	-0.01342088
118	-0.01990120	-0.02370586	-0.01549797
119	-0.02020714	-0.02380052	-0.01739484
120	-0.02037488	-0.02331463	-0.01930986
121	-0.02035667	-0.02187576	-0.02135302
122	-0.02004399	-0.01927457	-0.02319392
123	-0.01947303	-0.01592603	-0.02417448
124	0.06941700	-0.00591468	0.02208691
125	0.06559907	-0.00465598	0.02042177
126	0.05995088	-0.00385371	0.01957695
127	0.05383224	-0.00287838	0.01898104
128	0.04898213	-0.00056467	0.01753870
129	0.04641885	0.00283799	0.01545482
130	0.04562607	0.00603373	0.01384129
131	0.04347964	0.01006094	0.01216210
132	0.04022713	0.01391145	0.01109927
133	0.03688942	0.01749444	0.01113011

134	0.03478733	0.02023648	0.01147239
135	0.03217898	0.02264055	0.01192367
136	0.02931296	0.02497027	0.01248763
137	0.02624981	0.02702056	0.01311328
138	0.02317882	0.02873632	0.01375417
139	0.01966527	0.03017032	0.01466295
140	0.01581670	0.03126639	0.01562314
141	0.01181960	0.03198496	0.01663080
142	0.00785243	0.03250218	0.01762015
143	0.00055755	0.03210642	0.01855797
144	-0.00607250	0.03090562	0.01916962
145	-0.01173381	0.02893352	0.01967074
146	-0.01715667	0.02621488	0.02013400
147	-0.02197252	0.02297317	0.02024218
148	-0.02614652	0.01901930	0.02029874
149	-0.02952407	0.01447271	0.02021824
150	-0.03237551	0.00933827	0.01982166
151	-0.03404169	0.00324481	0.01973812
152	-0.03387699	-0.00121194	0.01947951
153	-0.03316556	-0.00538408	0.01916599
154	-0.03174791	-0.00920682	0.01884025
155	-0.02992206	-0.01245178	0.01862172
156	-0.02765636	-0.01527186	0.01831971
157	-0.02491728	-0.01767327	0.01792175
158	-0.02172262	-0.01983800	0.01743256
159	-0.01801512	-0.02138259	0.01699664
160	-0.01388377	-0.02234237	0.01659208
161	-0.01037269	-0.02266509	0.01576038

162	-0.00707156	-0.02234275	0.01492899
163	-0.00399334	-0.02165879	0.01405961
164	-0.00121345	-0.02047191	0.01312481
165	0.00116485	-0.01898633	0.01227293
166	0.00351098	-0.01722271	0.01099841
167	0.00549261	-0.01503375	0.00969936
168	0.00716002	-0.01245250	0.00847466
169	0.00841765	-0.00928536	0.00729322
170	0.00882584	-0.00628623	0.00578589
171	0.00869180	-0.00347116	0.00452545
172	0.00799667	-0.00104827	0.00372438
173	0.00689620	0.00134231	0.00275250
174	0.00542545	0.00346689	0.00183002
175	0.00354015	0.00529939	0.00100212
176	0.00117217	0.00692459	0.00031887
177	-0.00192464	0.00835286	-0.00029088
178	-0.00506912	0.00915777	-0.00074685
179	-0.00753937	0.00923147	-0.00187748
180	-0.01095734	0.00855800	-0.00298187
181	-0.01358449	0.00737560	-0.00367538
182	-0.01575355	0.00563300	-0.00400636
183	-0.01755849	0.00339540	-0.00427632
184	-0.01864235	0.00129523	-0.00478760
185	-0.01922021	-0.00103731	-0.00486530
186	-0.01912341	-0.00341676	-0.00430981
187	-0.01836855	-0.00608889	-0.00409070
188	-0.01715322	-0.00679821	-0.00554378
189	-0.01505891	-0.00775991	-0.00644198

190	-0.01259182	-0.00851436	-0.00609036
191	-0.01140929	-0.00870403	-0.00622596
192	-0.00958318	-0.00848526	-0.00715401
193	-0.00844862	-0.00786866	-0.00823375
194	-0.00731575	-0.00698256	-0.01042083
195	-0.00611975	-0.00598458	-0.01492912
196	-0.00612833	-0.00579702	-0.01886663
197	0.04651563	0.04282831	0.03047179
198	0.04649574	0.04257970	0.02893064
199	0.04602221	0.04227479	0.02734178
200	0.04435199	0.04233101	0.02553966
201	0.04156948	0.04262508	0.02450017
202	0.03733246	0.04315158	0.02434113
203	0.03176874	0.04392022	0.02491710
204	0.02490951	0.04484767	0.02632673
205	0.01681140	0.04594940	0.02777403
206	0.00795717	0.04730839	0.02915980
207	-0.00134778	0.04579223	0.02986678
208	-0.00995310	0.04341548	0.03008664
209	-0.01761028	0.04016320	0.03042438
210	-0.02427303	0.03604393	0.03069912
211	-0.03022195	0.03119593	0.03059668
212	-0.03526176	0.02550912	0.03062614
213	-0.03943259	0.01917814	0.03053576
214	-0.04279221	0.01208299	0.03033132
215	-0.04522728	0.00432484	0.03018943
216	-0.04454466	-0.00200636	0.02975461
217	-0.04311780	-0.00795560	0.02934352

218	-0.04099884	-0.01322927	0.02882747
219	-0.03815708	-0.01794628	0.02834977
220	-0.03475490	-0.02196916	0.02776404
221	-0.03063926	-0.02538186	0.02688708
222	-0.02579416	-0.02820326	0.02602098
223	-0.02048122	-0.03029040	0.02509449
224	-0.01470077	-0.03181495	0.02381435
225	-0.00937257	-0.03175902	0.02222195
226	-0.00446732	-0.03116002	0.02064212
227	0.00011413	-0.02991630	0.01921203
228	0.00418445	-0.02812396	0.01783879
229	0.00781840	-0.02577208	0.01632315
230	0.01091813	-0.02284388	0.01484105
231	0.01357570	-0.01927767	0.01321082
232	0.01569739	-0.01521238	0.01149110
233	0.01708608	-0.01081127	0.00948379
234	0.01724133	-0.00570197	0.00728473
235	0.01671911	-0.00111114	0.00533429
236	0.01562936	0.00299371	0.00373287
237	0.01394426	0.00674777	0.00254574
238	0.01163655	0.01004557	0.00156465
239	0.00856965	0.01292649	0.00076900
240	0.00478551	0.01532627	0.00019183
241	0.00037482	0.01699645	-0.00038878
242	-0.00453294	0.01794816	-0.00100638
243	-0.00845293	0.01756128	-0.00126253
244	-0.01216947	0.01678653	-0.00158934
245	-0.01558089	0.01557100	-0.00194028

246	-0.01863318	0.01394266	-0.00226457
247	-0.02127505	0.01187152	-0.00266783
248	-0.02353230	0.00941282	-0.00303326
249	-0.02540899	0.00659058	-0.00343200
250	-0.02684963	0.00349530	-0.00390104
251	-0.02801317	-0.00004773	-0.00438136
252	-0.02787426	-0.00277422	-0.00469069
253	-0.02750334	-0.00536901	-0.00496129
254	-0.02683638	-0.00771146	-0.00523555
255	-0.02584270	-0.00976487	-0.00552829
256	-0.02456148	-0.01149362	-0.00583492
257	-0.02304202	-0.01293164	-0.00607222
258	-0.02120587	-0.01407667	-0.00632979
259	-0.01912447	-0.01499400	-0.00653245
260	-0.01636703	-0.01567898	-0.00679349
261	-0.01427720	-0.01548459	-0.00695804
262	-0.01240205	-0.01527414	-0.00730579
263	-0.01047622	-0.01482033	-0.00790946
264	-0.00852160	-0.01407540	-0.00870025
265	-0.00687067	-0.01302190	-0.00969213
266	-0.00572542	-0.01162092	-0.01094398
267	-0.00494511	-0.00948841	-0.01302397
268	-0.00517429	-0.00692758	-0.01626404
269	-0.00612833	-0.00579702	-0.01886663
270	0.06969210	-0.01349819	0.01979498
271	0.07020888	-0.01457501	0.01710319
272	0.07049656	-0.01539571	0.01435687
273	0.07044143	-0.01594716	0.01146778

274	0.07016997	-0.01619773	0.00869077
275	0.06972318	-0.01618350	0.00583085
276	0.06917035	-0.01588037	0.00296012
277	0.06843317	-0.01527417	0.00012780
278	0.06760618	-0.01436134	-0.00269561
279	0.06666446	-0.01302851	-0.00553810
280	0.06565553	-0.01096430	-0.00840288
281	0.06463966	-0.00864347	-0.01092399
282	0.06369978	-0.00604125	-0.01315857
283	0.06276813	-0.00319299	-0.01509299
284	0.06183759	-0.00010722	-0.01672281
285	0.06099901	0.00317373	-0.01806970
286	0.06017080	0.00667550	-0.01903924
287	0.05944167	0.01030807	-0.01968852
288	0.05862305	0.01402412	-0.02001891
289	0.05778975	0.01784895	-0.01981314
290	0.05697143	0.02153840	-0.01933367
291	0.05587485	0.02519729	-0.01861552
292	0.05462691	0.02885766	-0.01774475
293	0.05327633	0.03246907	-0.01670759
294	0.05169288	0.03598446	-0.01550394
295	0.04982327	0.03946272	-0.01413197
296	0.04777881	0.04284470	-0.01264811
297	0.04531307	0.04593092	-0.01087382
298	0.04204507	0.04931141	-0.00869201
299	0.03834257	0.05229765	-0.00665737
300	0.03434476	0.05493889	-0.00480769
301	0.03005176	0.05712137	-0.00308056

302	0.02547324	0.05901879	-0.00150716
303	0.02052011	0.06046798	-0.00008790
304	0.01536202	0.06143009	0.00114700
305	0.00992789	0.06193953	0.00220629
306	0.00434664	0.06201137	0.00308067
307	-0.00759440	0.06065021	0.00475855
308	-0.01825783	0.05760458	0.00613187
309	-0.02769784	0.05326448	0.00714484
310	-0.03595828	0.04791591	0.00780559
311	-0.04324406	0.04164913	0.00815693
312	-0.04955982	0.03437339	0.00819086
313	-0.05491076	0.02599151	0.00791925
314	-0.05884766	0.01633124	0.00732050
315	-0.06104580	0.00546276	0.00648372
316	-0.06108409	-0.00349596	0.00668159
317	-0.05960575	-0.01171485	0.00674546
318	-0.05699936	-0.01910301	0.00662662
319	-0.05347862	-0.02569933	0.00631182
320	-0.04910220	-0.03161924	0.00579496
321	-0.04373667	-0.03678971	0.00510802
322	-0.03732505	-0.04118098	0.00423260
323	-0.02979705	-0.04453288	0.00319081
324	-0.02123232	-0.04656881	0.00202615
325	-0.01328587	-0.04686668	0.00090684
326	-0.00595188	-0.04585974	-0.00031227
327	0.00059669	-0.04388543	-0.00164335
328	0.00646181	-0.04112426	-0.00307071
329	0.01169428	-0.03772807	-0.00470285

330	0.01624462	-0.03335908	-0.00644225
331	0.02014895	-0.02816537	-0.00840435
332	0.02316691	-0.02207268	-0.01043602
333	0.02487581	-0.01518916	-0.01228329
334	0.02523452	-0.00803577	-0.01381920
335	0.02437678	-0.00155817	-0.01497083
336	0.02252940	0.00416591	-0.01579418
337	0.01990610	0.00917193	-0.01634715
338	0.01659768	0.01360712	-0.01667784
339	0.01261723	0.01757384	-0.01675086
340	0.00777608	0.02100475	-0.01651974
341	0.00202621	0.02374493	-0.01597368
342	-0.00465237	0.02521670	-0.01514266
343	-0.01062376	0.02530440	-0.01509515
344	-0.01615362	0.02432390	-0.01502300
345	-0.02099838	0.02253364	-0.01494561
346	-0.02511065	0.02018700	-0.01485578
347	-0.02864553	0.01735823	-0.01475561
348	-0.03165426	0.01398315	-0.01465970
349	-0.03410389	0.00997503	-0.01454631
350	-0.03593260	0.00538537	-0.01441575
351	-0.03681728	0.00019852	-0.01426754
352	-0.03688606	-0.00390312	-0.01436739
353	-0.03633330	-0.00776155	-0.01450749
354	-0.03525023	-0.01128342	-0.01470764
355	-0.03368765	-0.01439149	-0.01493409
356	-0.03174484	-0.01706312	-0.01519577
357	-0.02944260	-0.01933479	-0.01548214

358	-0.02678154	-0.02127103	-0.01578552
359	-0.02368308	-0.02282979	-0.01611051
360	-0.02007482	-0.02379117	-0.01648701
361	-0.01597488	-0.02409289	-0.01759634
362	-0.01212642	-0.02340088	-0.01852789
363	-0.00886268	-0.02199788	-0.01932027
364	-0.00647949	-0.02023273	-0.01992728
365	-0.00450245	-0.01786800	-0.02033606
366	-0.00324710	-0.01506459	-0.02066834
367	-0.00296013	-0.01152839	-0.02065185
368	-0.00426607	-0.00768396	-0.01991126
369	-0.00610085	-0.00580005	-0.01891464
370	0.05140993	-0.01842291	0.00566060
371	0.05257369	-0.01800865	0.00040687
372	0.05339873	-0.01663452	-0.00492395
373	0.05400986	-0.01420312	-0.00956555
374	0.05420271	-0.01103022	-0.01336769
375	0.05393292	-0.00735661	-0.01659678
376	0.05324835	-0.00314133	-0.01924953
377	0.05217755	0.00151823	-0.02140629
378	0.05080984	0.00671696	-0.02294572
379	0.04923591	0.01249247	-0.02373113
380	0.04832505	0.01641936	-0.02380675
381	0.04704530	0.02030713	-0.02355552
382	0.04549287	0.02414021	-0.02298578
383	0.04364571	0.02791058	-0.02201274
384	0.04147542	0.03161267	-0.02071826
385	0.03889399	0.03527949	-0.01929541

386	0.03601098	0.03881362	-0.01752911
387	0.03267524	0.04235080	-0.01565169
388	0.02893169	0.04574416	-0.01366844
389	0.02375214	0.04889568	-0.01133150
390	0.01809623	0.05111990	-0.00928561
391	0.01199648	0.05235305	-0.00748058
392	0.00551080	0.05256393	-0.00598406
393	-0.00120712	0.05173860	-0.00471686
394	-0.00811710	0.04994197	-0.00373254
395	-0.01536374	0.04708882	-0.00309627
396	-0.02287264	0.04321799	-0.00264602
397	-0.03057622	0.03844194	-0.00249842
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399	-0.04383263	0.02309866	-0.00282986
400	-0.04818694	0.01569669	-0.00310478
401	-0.05102262	0.00849189	-0.00330495
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403	-0.05224877	-0.00541040	-0.00336112
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405	-0.04758290	-0.01859946	-0.00373158
406	-0.04305755	-0.02498091	-0.00415554
407	-0.03852160	-0.02934234	-0.00471880
408	-0.03377762	-0.03268295	-0.00533001
409	-0.02890114	-0.03506147	-0.00621303
410	-0.02379669	-0.03643042	-0.00717208
411	-0.01853829	-0.03682693	-0.00821865
412	-0.01303560	-0.03625554	-0.00940837
413	-0.00729899	-0.03460375	-0.01068935

414	-0.00129997	-0.03183103	-0.01202545
415	0.00470018	-0.02792676	-0.01357854
416	0.00888596	-0.02104325	-0.01556246
417	0.01154658	-0.01473883	-0.01763760
418	0.01275749	-0.00900705	-0.01941793
419	0.01267239	-0.00381444	-0.02068568
420	0.01141103	0.00088810	-0.02152516
421	0.00898673	0.00523484	-0.02198211
422	0.00528378	0.00926679	-0.02224599
423	0.00022776	0.01299689	-0.02228899
424	-0.00627402	0.01639675	-0.02229567
425	-0.01023178	0.01634561	-0.02215636
426	-0.01393416	0.01584275	-0.02204436
427	-0.01730399	0.01487620	-0.02201940
428	-0.02030219	0.01343935	-0.02193570
429	-0.02290505	0.01154876	-0.02195094
430	-0.02512965	0.00922925	-0.02193345
431	-0.02697978	0.00649249	-0.02199986
432	-0.02848060	0.00338189	-0.02204046
433	-0.02962928	-0.00018222	-0.02209474
434	-0.02959244	-0.00300577	-0.02221722
435	-0.02927869	-0.00564607	-0.02237993
436	-0.02866663	-0.00803136	-0.02253198
437	-0.02775557	-0.01012331	-0.02274362
438	-0.02655140	-0.01190423	-0.02295235
439	-0.02510911	-0.01336694	-0.02321805
440	-0.02338677	-0.01454070	-0.02352926
441	-0.02148262	-0.01541095	-0.02385447

442	-0.01901863	-0.01601037	-0.02425300
443	-0.01581823	-0.01543605	-0.02482343
444	-0.01277439	-0.01457023	-0.02525146
445	-0.01043022	-0.01337640	-0.02553250
446	-0.00885076	-0.01202657	-0.02554968
447	-0.00793126	-0.01078536	-0.02534671
448	-0.00722975	-0.00961324	-0.02490340
449	-0.00647238	-0.00824311	-0.02398828
450	-0.00589181	-0.00679044	-0.02205003
451	-0.00610390	-0.00579934	-0.01891597

Procrustes sums of squares: 0.4268211667521373

Tangent sums of squares: 0.4201339065293579

Data matrices in this dataset:

- BE_Cochlea, raw data
- BE_Cochlea, centroid size
- BE_Cochlea, Procrustes coordinates

New Procrustes fit:

Dataset 'BE_Cochlea'

451 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.05877580	-0.04667531	0.01801701
2	0.05962066	-0.04487025	0.01793542
3	0.06005017	-0.04301460	0.01758805
4	0.06018825	-0.04102789	0.01698509
5	0.05997332	-0.03903239	0.01610827
6	0.05954585	-0.03723577	0.01506347
7	0.05862282	-0.03555502	0.01375282
8	0.05731222	-0.03408616	0.01225261
9	0.05560439	-0.03288497	0.01057820
10	0.05347188	-0.03194937	0.00861058
11	0.05062401	-0.03103028	0.00641017
12	0.04799972	-0.03034966	0.00466563
13	0.04585368	-0.02996126	0.00339922
14	0.04358156	-0.02989691	0.00228664
15	0.04166877	-0.03033148	0.00158216
16	0.03989504	-0.03105285	0.00121715
17	0.03831066	-0.03194019	0.00116767
18	0.03645372	-0.03322449	0.00146059
19	0.03481507	-0.03479820	0.00225492
20	0.03343377	-0.03681865	0.00327817
21	0.03252415	-0.03895647	0.00432437
22	0.03219559	-0.04106531	0.00547771
23	0.03233126	-0.04308833	0.00659864
24	0.03301622	-0.04508684	0.00786062
25	0.03419896	-0.04713879	0.00920107
26	0.03588820	-0.04913998	0.01052433

27	0.03802368	-0.05111676	0.01189757
28	0.04083396	-0.05300532	0.01310040
29	0.04390119	-0.05449422	0.01413075
30	0.04649016	-0.05535121	0.01525070
31	0.04880712	-0.05532383	0.01598656
32	0.05055348	-0.05488999	0.01645947
33	0.05244782	-0.05407417	0.01699630
34	0.05432022	-0.05282038	0.01748719
35	0.05599132	-0.05123296	0.01784864
36	0.05742757	-0.04918859	0.01799648
37	0.00796688	0.04727679	0.02916560
38	0.00772690	0.05210426	0.02890904
39	0.00718053	0.05698305	0.02631584
40	0.00675666	0.05940990	0.02318183
41	0.00649699	0.06003132	0.02070380
42	0.00626769	0.05971020	0.01831279
43	0.00606234	0.05869019	0.01597498
44	0.00570363	0.05724657	0.01357798
45	0.00526270	0.05660174	0.01168152
46	0.00496687	0.05615289	0.01025701
47	0.00503230	0.05872998	0.00909673
48	0.00489443	0.06075146	0.00746035
49	0.00474147	0.06167771	0.00576857
50	0.00449965	0.06200121	0.00401573
51	0.00414824	0.06193338	0.00218839
52	0.00368755	0.06131051	0.00013210
53	0.00310433	0.05953712	-0.00242719
54	0.00254840	0.05605564	-0.00462411

55	0.00211284	0.05224809	-0.00532753
56	-0.04519183	0.00435963	0.03018831
57	-0.04917633	0.00474008	0.03051463
58	-0.05363058	0.00512857	0.02919284
59	-0.05617507	0.00526689	0.02702704
60	-0.05715319	0.00530614	0.02485186
61	-0.05716557	0.00523439	0.02271843
62	-0.05667410	0.00515312	0.02039673
63	-0.05636188	0.00508541	0.01816311
64	-0.05615519	0.00509014	0.01588401
65	-0.05586330	0.00484961	0.01395646
66	-0.05820874	0.00501670	0.01263134
67	-0.05995323	0.00522247	0.01098426
68	-0.06077710	0.00535437	0.00926151
69	-0.06107289	0.00543619	0.00745131
70	-0.06093483	0.00548187	0.00549732
71	-0.06032544	0.00548634	0.00322566
72	-0.05867577	0.00540296	0.00052616
73	-0.05554794	0.00519083	-0.00204748
74	-0.05186728	0.00494762	-0.00332114
75	-0.01467786	-0.03179747	0.02380551
76	-0.01516309	-0.03507844	0.02373396
77	-0.01588242	-0.03831855	0.02254883
78	-0.01659572	-0.04058230	0.02069099
79	-0.01718341	-0.04180071	0.01866474
80	-0.01764450	-0.04219087	0.01678142
81	-0.01794346	-0.04221257	0.01536279
82	-0.01824473	-0.04231746	0.01365815

83	-0.01858067	-0.04258944	0.01140901
84	-0.01887968	-0.04294714	0.00928584
85	-0.01956109	-0.04457823	0.00785725
86	-0.02016834	-0.04577853	0.00634925
87	-0.02067851	-0.04647198	0.00472613
88	-0.02106955	-0.04663562	0.00298022
89	-0.02137919	-0.04642778	0.00106451
90	-0.02164541	-0.04571495	-0.00122092
91	-0.02181391	-0.04389651	-0.00399107
92	-0.02167689	-0.04056486	-0.00642813
93	-0.02117884	-0.03672599	-0.00767928
94	-0.00426540	0.01787991	-0.00097703
95	-0.00423682	0.02154090	-0.00415794
96	-0.00423341	0.02389732	-0.00801080
97	-0.00436424	0.02487388	-0.01132986
98	-0.00454856	0.02522002	-0.01402951
99	-0.00473563	0.02517144	-0.01618625
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101	-0.00526950	0.02288157	-0.02029303
102	-0.00571272	0.01990598	-0.02189341
103	-0.00614702	0.01626074	-0.02229218
104	-0.02787472	0.00025317	-0.00432986
105	-0.03156823	0.00026259	-0.00622263
106	-0.03438858	0.00027500	-0.00862732
107	-0.03603570	0.00025737	-0.01108417
108	-0.03674463	0.00022646	-0.01329002
109	-0.03679689	0.00018927	-0.01520185
110	-0.03631442	0.00017372	-0.01709593

111	-0.03507344	0.00015179	-0.01902401
112	-0.03277391	0.00009061	-0.02088807
113	-0.02957059	-0.00001028	-0.02209240
114	-0.01674953	-0.01552812	-0.00680430
115	-0.01782179	-0.01873545	-0.00912564
116	-0.01868114	-0.02121717	-0.01123237
117	-0.01940247	-0.02293243	-0.01342088
118	-0.01990120	-0.02370586	-0.01549797
119	-0.02020714	-0.02380052	-0.01739484
120	-0.02037488	-0.02331463	-0.01930986
121	-0.02035667	-0.02187576	-0.02135302
122	-0.02004399	-0.01927457	-0.02319392
123	-0.01947303	-0.01592603	-0.02417448
124	0.06941700	-0.00591468	0.02208691
125	0.06559907	-0.00465598	0.02042177
126	0.05995088	-0.00385371	0.01957695
127	0.05383224	-0.00287838	0.01898104
128	0.04898213	-0.00056467	0.01753870
129	0.04641885	0.00283799	0.01545482
130	0.04562607	0.00603373	0.01384129
131	0.04347964	0.01006094	0.01216210
132	0.04022713	0.01391145	0.01109927
133	0.03688942	0.01749444	0.01113011
134	0.03478733	0.02023648	0.01147239
135	0.03217898	0.02264055	0.01192367
136	0.02931296	0.02497027	0.01248763
137	0.02624981	0.02702056	0.01311328
138	0.02317882	0.02873632	0.01375417

139	0.01966527	0.03017032	0.01466295
140	0.01581670	0.03126639	0.01562314
141	0.01181960	0.03198496	0.01663080
142	0.00785243	0.03250218	0.01762015
143	0.00055755	0.03210642	0.01855797
144	-0.00607250	0.03090562	0.01916962
145	-0.01173381	0.02893352	0.01967074
146	-0.01715667	0.02621488	0.02013400
147	-0.02197252	0.02297317	0.02024218
148	-0.02614652	0.01901930	0.02029874
149	-0.02952407	0.01447271	0.02021824
150	-0.03237551	0.00933827	0.01982166
151	-0.03404169	0.00324481	0.01973812
152	-0.03387699	-0.00121194	0.01947951
153	-0.03316556	-0.00538408	0.01916599
154	-0.03174791	-0.00920682	0.01884025
155	-0.02992206	-0.01245178	0.01862172
156	-0.02765636	-0.01527186	0.01831971
157	-0.02491728	-0.01767327	0.01792175
158	-0.02172262	-0.01983800	0.01743256
159	-0.01801512	-0.02138259	0.01699664
160	-0.01388377	-0.02234237	0.01659208
161	-0.01037269	-0.02266509	0.01576038
162	-0.00707156	-0.02234275	0.01492899
163	-0.00399334	-0.02165879	0.01405961
164	-0.00121345	-0.02047191	0.01312481
165	0.00116485	-0.01898633	0.01227293
166	0.00351098	-0.01722271	0.01099841

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168	0.00716002	-0.01245250	0.00847466
169	0.00841765	-0.00928536	0.00729322
170	0.00882584	-0.00628623	0.00578589
171	0.00869180	-0.00347116	0.00452545
172	0.00799667	-0.00104827	0.00372438
173	0.00689620	0.00134231	0.00275250
174	0.00542545	0.00346689	0.00183002
175	0.00354015	0.00529939	0.00100212
176	0.00117217	0.00692459	0.00031887
177	-0.00192464	0.00835286	-0.00029088
178	-0.00506912	0.00915777	-0.00074685
179	-0.00753937	0.00923147	-0.00187748
180	-0.01095734	0.00855800	-0.00298187
181	-0.01358449	0.00737560	-0.00367538
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183	-0.01755849	0.00339540	-0.00427632
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185	-0.01922021	-0.00103731	-0.00486530
186	-0.01912341	-0.00341676	-0.00430981
187	-0.01836855	-0.00608889	-0.00409070
188	-0.01715322	-0.00679821	-0.00554378
189	-0.01505891	-0.00775991	-0.00644198
190	-0.01259182	-0.00851436	-0.00609036
191	-0.01140929	-0.00870403	-0.00622596
192	-0.00958318	-0.00848526	-0.00715401
193	-0.00844862	-0.00786866	-0.00823375
194	-0.00731575	-0.00698256	-0.01042083

195	-0.00611975	-0.00598458	-0.01492912
196	-0.00612833	-0.00579702	-0.01886663
197	0.04651563	0.04282831	0.03047179
198	0.04649574	0.04257970	0.02893064
199	0.04602221	0.04227479	0.02734178
200	0.04435199	0.04233101	0.02553966
201	0.04156948	0.04262508	0.02450017
202	0.03733246	0.04315158	0.02434113
203	0.03176874	0.04392022	0.02491710
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205	0.01681140	0.04594940	0.02777403
206	0.00795717	0.04730839	0.02915980
207	-0.00134778	0.04579223	0.02986678
208	-0.00995310	0.04341548	0.03008664
209	-0.01761028	0.04016320	0.03042438
210	-0.02427303	0.03604393	0.03069912
211	-0.03022195	0.03119593	0.03059668
212	-0.03526176	0.02550912	0.03062614
213	-0.03943259	0.01917814	0.03053576
214	-0.04279221	0.01208299	0.03033132
215	-0.04522728	0.00432484	0.03018943
216	-0.04454466	-0.00200636	0.02975461
217	-0.04311780	-0.00795560	0.02934352
218	-0.04099884	-0.01322927	0.02882747
219	-0.03815708	-0.01794628	0.02834977
220	-0.03475490	-0.02196916	0.02776404
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223	-0.02048122	-0.03029040	0.02509449
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226	-0.00446732	-0.03116002	0.02064212
227	0.00011413	-0.02991630	0.01921203
228	0.00418445	-0.02812396	0.01783879
229	0.00781840	-0.02577208	0.01632315
230	0.01091813	-0.02284388	0.01484105
231	0.01357570	-0.01927767	0.01321082
232	0.01569739	-0.01521238	0.01149110
233	0.01708608	-0.01081127	0.00948379
234	0.01724133	-0.00570197	0.00728473
235	0.01671911	-0.00111114	0.00533429
236	0.01562936	0.00299371	0.00373287
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238	0.01163655	0.01004557	0.00156465
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241	0.00037482	0.01699645	-0.00038878
242	-0.00453294	0.01794816	-0.00100638
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244	-0.01216947	0.01678653	-0.00158934
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256	-0.02456148	-0.01149362	-0.00583492
257	-0.02304202	-0.01293164	-0.00607222
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262	-0.01240205	-0.01527414	-0.00730579
263	-0.01047622	-0.01482033	-0.00790946
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265	-0.00687067	-0.01302190	-0.00969213
266	-0.00572542	-0.01162092	-0.01094398
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268	-0.00517429	-0.00692758	-0.01626404
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270	0.06969210	-0.01349819	0.01979498
271	0.07020888	-0.01457501	0.01710319
272	0.07049656	-0.01539571	0.01435687
273	0.07044143	-0.01594716	0.01146778
274	0.07016997	-0.01619773	0.00869077
275	0.06972318	-0.01618350	0.00583085
276	0.06917035	-0.01588037	0.00296012
277	0.06843317	-0.01527417	0.00012780
278	0.06760618	-0.01436134	-0.00269561

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282	0.06369978	-0.00604125	-0.01315857
283	0.06276813	-0.00319299	-0.01509299
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287	0.05944167	0.01030807	-0.01968852
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329	0.01169428	-0.03772807	-0.00470285
330	0.01624462	-0.03335908	-0.00644225
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333	0.02487581	-0.01518916	-0.01228329
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356	-0.03174484	-0.01706312	-0.01519577
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408	-0.03377762	-0.03268295	-0.00533001
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412	-0.01303560	-0.03625554	-0.00940837
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430	-0.02512965	0.00922925	-0.02193345
431	-0.02697978	0.00649249	-0.02199986
432	-0.02848060	0.00338189	-0.02204046
433	-0.02962928	-0.00018222	-0.02209474
434	-0.02959244	-0.00300577	-0.02221722
435	-0.02927869	-0.00564607	-0.02237993
436	-0.02866663	-0.00803136	-0.02253198
437	-0.02775557	-0.01012331	-0.02274362
438	-0.02655140	-0.01190423	-0.02295235
439	-0.02510911	-0.01336694	-0.02321805
440	-0.02338677	-0.01454070	-0.02352926
441	-0.02148262	-0.01541095	-0.02385447
442	-0.01901863	-0.01601037	-0.02425300
443	-0.01581823	-0.01543605	-0.02482343
444	-0.01277439	-0.01457023	-0.02525146
445	-0.01043022	-0.01337640	-0.02553250
446	-0.00885076	-0.01202657	-0.02554968

447	-0.00793126	-0.01078536	-0.02534671
448	-0.00722975	-0.00961324	-0.02490340
449	-0.00647238	-0.00824311	-0.02398828
450	-0.00589181	-0.00679044	-0.02205003
451	-0.00610390	-0.00579934	-0.01891597

Procrustes sums of squares: 0.4268211667521373

Tangent sums of squares: 0.4201339065293579

Data matrices in this dataset:

- BE_Cochlea, raw data
- BE_Cochlea, centroid size
- BE_Cochlea, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, BE_Cochlea, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00248578	18.342	18.342
2.	0.00215649	15.912	34.253
3.	0.00183003	13.503	47.757
4.	0.00109268	8.062	55.819
5.	0.00083158	6.136	61.955
6.	0.00070890	5.231	67.186
7.	0.00068274	5.038	72.223
8.	0.00049196	3.630	75.853

9.	0.00040647	2.999	78.852
10.	0.00031477	2.323	81.175
11.	0.00029140	2.150	83.325
12.	0.00026449	1.952	85.277
13.	0.00022785	1.681	86.958
14.	0.00021244	1.568	88.525
15.	0.00018942	1.398	89.923
16.	0.00016587	1.224	91.147
17.	0.00014816	1.093	92.240
18.	0.00014574	1.075	93.316
19.	0.00012623	0.931	94.247
20.	0.00011599	0.856	95.103
21.	0.00009822	0.725	95.828
22.	0.00009482	0.700	96.527
23.	0.00008461	0.624	97.151
24.	0.00007187	0.530	97.682
25.	0.00006376	0.470	98.152
26.	0.00005824	0.430	98.582
27.	0.00004944	0.365	98.947
28.	0.00004536	0.335	99.281
29.	0.00003949	0.291	99.573
30.	0.00003113	0.230	99.803
31.	0.00002676	0.197	100.000

Total variance: 0.01355271

Variance of the eigenvalues: 0.0000000132516

Eigenvalue variance scaled by total variance: 0.00007

Eigenvalue variance scaled by total variance and number of variables: 0.09718

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 1346.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	-0.022048		-0.045012		0.026469		0.032407		0.060998		-0.018527	
	0.017977		0.027430		-0.025881		-0.010905		-0.019048		-0.047341	
	-0.012548		0.003773		0.048401		-0.051708		0.090533		-0.060278	
	-0.018441		0.013835		0.022053		0.081951		0.052244		0.028803	
	0.004238		-0.042401		-0.000789		0.008197		0.017918		-0.004756	
	0.024741											
y1	0.014201		-0.003073		0.087824		-0.009727		0.078339		-0.045309	
	0.101854		0.023964		-0.058459		-0.055184		-0.005566		-0.022622	
	-0.019138		-0.086668		-0.056251		-0.013846		-0.043479		-0.138778	
	0.019520		-0.001915		-0.043079		0.025686		0.026738		0.020322	
	0.037307		-0.011196		0.030370		0.086480		0.058996		-0.026547	
	0.053144											
z1	-0.019478		0.090395		-0.028370		-0.068754		0.024489		0.023955	
	0.067716		-0.024337		-0.022693		-0.039310		0.000133		-0.067812	
	-0.016159		0.039568		-0.017503		-0.007419		0.013502		0.004425	
	0.006846		-0.016990		0.002009		0.013685		0.025829		-0.057505	
	0.087222		0.018480		-0.006348		0.061694		0.013864		-0.017645	
	-0.020142											
x2	-0.020017		-0.041883		0.016038		0.027871		0.049690		-0.010946	
	0.014300		0.012301		-0.018202		0.003841		-0.023834		-0.034175	
	0.002324		0.014227		0.042801		-0.056343		0.078608		-0.039041	
	-0.030262		0.017821		0.019864		0.054036		0.037038		0.008492	

	0.006203 0.020783	-0.030083	-0.016300	0.008450	0.017758	-0.002087
y2	0.014540 0.096887 -0.018600 0.018796 0.020137 0.038077	-0.002301 0.027105 -0.079849 -0.008635 -0.017746	0.082642 -0.057861 -0.049859 -0.050901 0.033813	-0.013225 -0.052226 -0.008204 0.023610 0.076362	0.073020 -0.005046 -0.032236 0.016081 0.062166	-0.039253 -0.021511 -0.132056 0.017013 -0.021294
z2	-0.018222 0.066213 -0.015465 0.005185 0.067604 -0.024986	0.089802 -0.019082 0.043595 -0.034512 0.020734	-0.030863 -0.018361 -0.007613 0.000030 -0.008823	-0.068345 -0.032468 0.000608 0.004419 0.044305	0.018645 0.000952 0.011499 0.021244 0.009742	0.028154 -0.070872 0.016927 -0.052768 -0.033783
x3	-0.018083 0.002690 0.017446 -0.040458 0.021483 0.028303	-0.040703 -0.001970 0.020905 0.021742 -0.011357	0.008558 -0.009997 0.046493 0.024214 -0.040242	0.025797 0.014668 -0.051186 0.039636 0.003777	0.037708 -0.031111 0.064933 0.035652 0.014615	-0.005646 -0.020641 -0.016934 -0.001953 0.007687
y3	0.015623 0.090136 -0.013222 0.015070 0.015307 0.028761	-0.001752 0.026828 -0.074142 -0.018530 -0.014626	0.077202 -0.056773 -0.038816 -0.053738 0.031862	-0.014890 -0.045060 -0.003824 0.019649 0.063069	0.068140 -0.006156 -0.024937 0.010631 0.059212	-0.031480 -0.018622 -0.118390 0.008947 -0.017882
z3	-0.016294 0.064379 -0.012054 0.003129 0.047852 -0.025587	0.087319 -0.012054 0.047223 -0.046028 0.020950	-0.029762 -0.015500 0.004207 -0.001003 -0.009335	-0.066446 -0.028318 0.009067 -0.001829 0.037106	0.015780 0.003496 0.008493 0.018032 0.005943	0.030837 -0.072226 0.023236 -0.048335 -0.038426
x4	-0.016326 -0.005691 0.025677 -0.048853 0.035592 0.021873	-0.040310 -0.012137 0.024230 0.027504 0.002756	0.002881 -0.002797 0.050004 0.029874 -0.059186	0.021670 0.021574 -0.044437 0.025315 -0.005075	0.026684 -0.036662 0.048771 0.032471 0.015039	-0.002671 -0.005746 0.000451 -0.007779 0.019902
y4	0.016100 0.086929 -0.007395	-0.000170 0.026941 -0.064913	0.071176 -0.057341 -0.031533	-0.018978 -0.036025 -0.001110	0.061962 -0.005961 -0.018892	-0.024854 -0.015581 -0.103188

	0.011928	-0.029189	-0.059602	0.012021	0.000371	0.001347
	0.003845	-0.012100	0.026850	0.051046	0.056052	-0.014202
	0.018175					
z4	-0.013825	0.083800	-0.026868	-0.064438	0.014306	0.032665
	0.063498	-0.002564	-0.012846	-0.024476	0.007118	-0.070729
	-0.011880	0.047309	0.014485	0.016690	0.003601	0.024341
	-0.000827	-0.052240	-0.000306	-0.008099	0.014443	-0.042389
	0.026969	0.016372	-0.006566	0.028153	0.003022	-0.037942
	-0.029399					
x5	-0.016625	-0.039070	-0.001321	0.015609	0.019809	-0.001186
	-0.009102	-0.019259	0.004408	0.021822	-0.039439	0.003371
	0.028302	0.027671	0.048747	-0.040839	0.038596	0.012562
	-0.053207	0.027066	0.033851	0.009300	0.024097	-0.006744
	0.042294	0.013705	-0.066819	-0.001859	0.025219	0.034083
	0.013945					
y5	0.016289	0.001489	0.064918	-0.023519	0.054554	-0.018495
	0.084645	0.027497	-0.057433	-0.026003	-0.005779	-0.011952
	-0.001460	-0.054131	-0.027265	0.000643	-0.014964	-0.087815
	0.007531	-0.039028	-0.064087	0.002680	-0.013374	-0.002751
	-0.011671	-0.009105	0.016837	0.040523	0.053153	-0.008539
	0.011665					
z5	-0.011431	0.079719	-0.023122	-0.060962	0.013933	0.035245
	0.060839	0.006763	-0.008560	-0.019143	0.009881	-0.067656
	-0.013367	0.043816	0.022690	0.021308	-0.002994	0.023522
	-0.005462	-0.058983	0.004463	-0.009299	0.012462	-0.034170
	0.010672	0.010677	-0.003358	0.014978	-0.004076	-0.033982
	-0.026881					
x6	-0.018521	-0.037187	-0.004310	0.007071	0.012668	-0.002394
	-0.002925	-0.024086	0.006607	0.019926	-0.040034	0.005406
	0.025317	0.034845	0.037276	-0.038504	0.031830	0.016883
	-0.048625	0.024912	0.028549	0.000265	0.007999	-0.000681
	0.028288	0.020618	-0.067690	0.016148	0.031732	0.044513
	0.006077					
y6	0.016344	0.002363	0.058593	-0.026666	0.046209	-0.012873
	0.080769	0.026091	-0.058653	-0.015869	-0.007560	-0.007357
	0.005817	-0.044288	-0.019848	0.003644	-0.014462	-0.071878
	0.006353	-0.048768	-0.061575	-0.001693	-0.021712	-0.001380
	-0.021383	-0.001469	0.006642	0.029713	0.042216	-0.001034
	0.007150					
z6	-0.009320	0.075827	-0.019682	-0.057397	0.013661	0.037063
	0.059684	0.013973	-0.006092	-0.013167	0.012219	-0.063735

	-0.014802	0.040782	0.028596	0.022709	-0.010142	0.019267
	-0.007537	-0.064088	0.011287	-0.006614	0.009513	-0.023182
	-0.006936	0.006798	0.002167	0.005767	-0.014405	-0.030393
	-0.023773					
x7	-0.021267	-0.037122	-0.006933	0.001981	0.005525	-0.002469
	-0.002673	-0.025629	0.008815	0.016090	-0.042290	0.006766
	0.022244	0.036930	0.027486	-0.034152	0.029591	0.019835
	-0.053363	0.022713	0.011778	-0.010866	-0.003587	0.009520
	0.022401	0.027814	-0.068342	0.025333	0.022557	0.034071
	0.007531					
y7	0.016048	0.002549	0.052431	-0.029529	0.037279	-0.008161
	0.072718	0.024093	-0.059456	-0.005926	-0.010624	0.000025
	0.015836	-0.035998	-0.013226	0.006263	-0.009056	-0.056529
	-0.001437	-0.056608	-0.065467	-0.008599	-0.029340	0.002938
	-0.026644	0.007390	-0.008274	0.013583	0.028069	0.001656
	0.004673					
z7	-0.006406	0.071206	-0.015924	-0.053401	0.014014	0.039523
	0.055346	0.019577	-0.002876	-0.006922	0.012576	-0.055618
	-0.014953	0.035332	0.033968	0.023418	-0.016351	0.014648
	-0.012753	-0.065116	0.019747	-0.002375	0.006460	-0.013141
	-0.017571	0.004910	0.009951	-0.005232	-0.026270	-0.024099
	-0.023236					
x8	-0.022930	-0.038901	-0.009364	-0.001248	-0.000997	-0.002116
	-0.005824	-0.025472	0.014904	0.012831	-0.043211	0.006677
	0.018377	0.036381	0.023372	-0.033230	0.022399	0.032643
	-0.054463	0.011021	-0.002564	-0.018034	-0.010063	0.017298
	0.015865	0.036821	-0.060953	0.029239	0.007882	0.024033
	0.020797					
y8	0.016606	0.001110	0.046274	-0.031969	0.029124	-0.004741
	0.063094	0.021563	-0.057266	0.004776	-0.013534	0.008656
	0.027625	-0.026819	-0.006321	0.003600	-0.008065	-0.036353
	-0.004539	-0.068157	-0.066602	-0.013554	-0.033530	0.006115
	-0.031197	0.016895	-0.019284	-0.003950	0.011379	0.006431
	0.014512					
z8	-0.002747	0.066217	-0.012111	-0.049279	0.014675	0.041970
	0.051103	0.022650	0.000825	-0.000001	0.012225	-0.046222
	-0.014022	0.029482	0.035812	0.019665	-0.021190	0.008641
	-0.016228	-0.063453	0.027625	0.002031	0.002095	-0.003851
	-0.029520	0.005022	0.016317	-0.013251	-0.035172	-0.012722
	-0.017255					

x9	-0.023199	-0.041113	-0.009038	-0.004658	-0.006880	-0.001984
	-0.007658	-0.024073	0.022162	0.012629	-0.037686	0.000625
	0.008545	0.030636	0.025661	-0.028714	0.011970	0.047858
	-0.051507	-0.003567	-0.011536	-0.024694	-0.007144	0.023154
	0.005101	0.049950	-0.046528	0.025075	-0.001465	0.020184
	0.017173					
y9	0.017035	-0.000538	0.041403	-0.035148	0.020863	-0.004430
	0.053887	0.021498	-0.053544	0.019587	-0.012622	0.017430
	0.032266	-0.023013	0.005054	0.002781	-0.016340	-0.014422
	-0.003929	-0.078420	-0.057717	-0.018639	-0.022671	0.009863
	-0.032920	0.025999	-0.027472	-0.031926	-0.007661	0.005675
	0.005215					
z9	0.001105	0.061239	-0.007939	-0.044521	0.016602	0.043552
	0.047900	0.023582	0.003519	0.006998	0.011698	-0.035599
	-0.014072	0.022145	0.035315	0.013515	-0.026720	-0.001010
	-0.017555	-0.056950	0.035251	0.004890	-0.000795	0.006556
	-0.037146	0.003982	0.021918	-0.017375	-0.043842	-0.009110
	-0.008433					
x10	-0.024425	-0.043801	-0.006756	-0.003331	-0.010767	-0.004800
	-0.006192	-0.020603	0.029905	0.006492	-0.029059	-0.008496
	-0.009232	0.024517	0.026266	-0.028550	-0.004001	0.059457
	-0.044959	-0.011289	-0.021159	-0.028950	-0.001785	0.033715
	-0.004811	0.057378	-0.033477	0.042868	-0.008146	-0.006959
	0.001774					
y10	0.019494	-0.005178	0.038844	-0.032351	0.013600	-0.003062
	0.042637	0.014484	-0.043018	0.028660	-0.013604	0.019879
	0.036157	-0.022626	0.014633	0.002272	-0.010527	-0.001550
	-0.016335	-0.077302	-0.047115	-0.023264	-0.015173	0.001179
	-0.021930	0.029328	-0.042957	-0.052371	-0.000310	0.003562
	-0.004003					
z10	0.006545	0.056570	-0.004618	-0.041385	0.018937	0.046916
	0.043392	0.019814	0.006858	0.010786	0.006075	-0.027522
	-0.009597	0.015587	0.033955	0.016213	-0.016370	-0.017469
	-0.023445	-0.044450	0.036710	0.006534	-0.006593	0.009403
	-0.031509	-0.003656	0.026035	-0.035549	-0.036719	0.016991
	0.002115					
x11	-0.021971	-0.043730	-0.003576	-0.002385	-0.012530	-0.005696
	-0.000797	-0.018846	0.035049	-0.000278	-0.026482	-0.008554
	-0.020572	0.019671	0.036891	-0.026621	-0.020880	0.062003
	-0.027305	-0.014906	-0.025639	-0.031646	0.008269	0.036924
	-0.013947	0.061895	-0.018349	0.064357	-0.017658	-0.019880
	-0.016586					

y11	0.024853	-0.008982	0.036461	-0.031589	0.006698	-0.002633
	0.034070	0.010977	-0.038145	0.028886	-0.017444	0.021665
	0.042061	-0.017185	0.020885	0.000536	-0.009591	-0.006128
	-0.015740	-0.068763	-0.039598	-0.022741	0.003948	-0.000300
	-0.001154	0.029488	-0.046493	-0.044051	0.005639	0.001535
	-0.028443					
z11	0.010579	0.048723	-0.001512	-0.038671	0.020535	0.050606
	0.028667	0.020627	0.017350	0.008267	0.007976	-0.031698
	-0.020379	0.012217	0.019067	0.018137	0.001290	-0.023596
	-0.036935	-0.034829	0.017445	-0.007085	-0.000171	0.013707
	-0.000269	-0.023245	0.035122	-0.078733	-0.020125	0.029131
	0.005708					
x12	-0.021212	-0.041955	-0.001249	-0.003270	-0.012440	-0.005759
	0.003035	-0.018649	0.036218	-0.006347	-0.027104	-0.011738
	-0.026479	0.017595	0.049146	-0.022422	-0.028102	0.060869
	-0.015127	-0.018461	-0.025364	-0.028024	0.013330	0.034733
	-0.024291	0.066951	-0.007869	0.074167	-0.020848	-0.017188
	-0.026216					
y12	0.028547	-0.010180	0.036291	-0.033467	0.008779	-0.008230
	0.025144	0.015261	-0.034299	0.021201	-0.023424	0.029890
	0.042055	-0.013962	0.022191	-0.000935	-0.014395	-0.009151
	-0.017597	-0.052934	-0.024589	-0.015654	0.016418	-0.004801
	0.006305	0.026034	-0.040951	-0.045117	0.005672	-0.000423
	-0.026325					
z12	0.014635	0.042830	0.001046	-0.034820	0.022261	0.056395
	0.014960	0.023617	0.025242	0.008972	0.012452	-0.029365
	-0.028186	0.012487	0.003712	0.010244	0.011884	-0.023064
	-0.042564	-0.025348	0.001936	-0.020885	0.005633	0.014870
	0.022963	-0.040020	0.039618	-0.110187	-0.009248	0.026908
	0.009813					
x13	-0.021340	-0.039223	0.001032	-0.004395	-0.009884	-0.005871
	0.003204	-0.017920	0.042552	-0.009599	-0.028973	-0.016496
	-0.036060	0.016273	0.048226	-0.017953	-0.023220	0.061130
	-0.014852	-0.022267	-0.034539	-0.036493	0.011362	0.023267
	-0.024425	0.059839	-0.012322	0.059754	-0.007615	-0.010854
	-0.019413					
y13	0.029956	-0.008871	0.036827	-0.034635	0.011222	-0.017372
	0.016361	0.019673	-0.022326	0.011783	-0.028627	0.036333
	0.033690	-0.018307	0.010937	0.002483	-0.011606	-0.008347
	-0.030138	-0.042810	-0.022671	-0.021498	0.018455	-0.011452
	0.016399	0.007202	-0.043221	-0.067849	0.011326	-0.002879
	-0.011285					

z13	0.018755	0.039046	0.003139	-0.033936	0.024344	0.061676
	0.002432	0.026687	0.030624	0.009263	0.017417	-0.023693
	-0.033163	0.012660	-0.007531	0.002738	0.017175	-0.019361
	-0.043353	-0.014232	-0.016585	-0.034941	0.013822	0.010143
	0.049029	-0.053705	0.037270	-0.137731	0.004060	0.022937
	0.010541					
x14	-0.021226	-0.036170	0.001152	-0.002525	-0.010757	-0.002465
	0.006626	-0.020429	0.043346	-0.010351	-0.028757	-0.022592
	-0.033653	0.017958	0.056680	-0.016499	-0.020955	0.057682
	-0.007368	-0.028106	-0.033627	-0.036606	0.007443	0.023438
	-0.028897	0.064957	-0.008224	0.062385	-0.007963	-0.003174
	-0.020496					
y14	0.032055	-0.007409	0.034864	-0.032992	0.012896	-0.022431
	0.009951	0.016577	-0.013798	0.003080	-0.027945	0.040716
	0.035714	-0.018408	0.007193	-0.000011	-0.008667	-0.014117
	-0.038427	-0.040224	-0.016211	-0.023893	0.018376	-0.009248
	0.020314	0.004214	-0.038050	-0.067254	0.005720	-0.004300
	0.004755					
z14	0.022312	0.035694	0.004263	-0.031146	0.025812	0.066547
	-0.005219	0.031095	0.028017	0.009244	0.019172	-0.016578
	-0.031370	0.012952	-0.008459	0.000176	0.019518	-0.017918
	-0.030676	-0.008326	-0.022258	-0.031641	0.016908	0.013324
	0.048832	-0.059484	0.041264	-0.146409	-0.002817	0.023913
	0.001152					
x15	-0.020137	-0.033094	0.001915	-0.002142	-0.008766	0.001966
	0.006059	-0.021615	0.048316	-0.010007	-0.030778	-0.029860
	-0.035974	0.021754	0.057866	-0.014147	-0.016679	0.056757
	-0.004428	-0.031402	-0.036862	-0.043508	0.007397	0.014442
	-0.019232	0.060679	-0.013256	0.048164	0.002260	0.004844
	-0.016465					
y15	0.033504	-0.006266	0.032924	-0.029661	0.009679	-0.020611
	0.006894	0.014873	-0.012110	-0.003576	-0.025148	0.042630
	0.046152	-0.017569	0.015320	-0.001732	-0.011777	-0.025976
	-0.031234	-0.039658	0.000422	-0.013780	0.013717	0.000759
	0.008220	0.002362	-0.020943	-0.041760	-0.013179	0.002966
	0.005159					
z15	0.024430	0.033683	0.004521	-0.028544	0.026415	0.067651
	-0.009182	0.031113	0.023131	0.005307	0.021632	-0.006918
	-0.025115	0.008974	-0.005865	-0.001284	0.021801	-0.013426
	-0.019916	-0.006101	-0.027919	-0.025316	0.014678	0.019144
	0.034205	-0.053000	0.045261	-0.140524	-0.013634	0.023271
	-0.004175					

x16	-0.019096	-0.030905	0.003364	-0.002762	-0.006114	0.005996
	0.004256	-0.021652	0.054137	-0.009521	-0.033010	-0.036378
	-0.039655	0.023864	0.057592	-0.010439	-0.010860	0.059817
	-0.005895	-0.032058	-0.048133	-0.054363	0.009092	0.000435
	-0.003468	0.056562	-0.022668	0.026849	0.011427	0.013844
	-0.014198					
y16	0.034602	-0.004143	0.031498	-0.026919	0.009501	-0.016348
	0.001778	0.013024	-0.009448	-0.006862	-0.019730	0.043195
	0.052075	-0.018902	0.019901	-0.001330	-0.012729	-0.037055
	-0.020925	-0.035147	0.012387	-0.001734	0.014003	0.009102
	-0.008310	-0.001889	-0.018315	-0.027214	-0.018972	-0.001545
	0.004154					
z16	0.026120	0.032623	0.004315	-0.024623	0.026672	0.065672
	-0.010244	0.027647	0.018211	-0.002205	0.020344	0.001091
	-0.016742	0.008881	-0.003546	-0.001923	0.021516	-0.011347
	-0.008956	-0.011440	-0.020966	-0.020491	0.007492	0.026721
	0.010320	-0.045825	0.059200	-0.117421	-0.026420	0.031129
	-0.004657					
x17	-0.017454	-0.029471	0.005229	-0.003907	-0.001231	0.011034
	0.001342	-0.019441	0.061557	-0.010705	-0.034078	-0.043590
	-0.045685	0.024926	0.054369	-0.007191	-0.007038	0.061252
	-0.010859	-0.026266	-0.060801	-0.064158	0.012342	-0.013565
	0.015982	0.049308	-0.032933	-0.003517	0.027454	0.021146
	-0.008603					
y17	0.035084	-0.002041	0.030375	-0.025753	0.008413	-0.012864
	-0.003045	0.008380	-0.003206	-0.008463	-0.017736	0.044769
	0.053145	-0.020406	0.021802	0.002071	-0.012625	-0.044310
	-0.009977	-0.039335	0.017161	-0.000672	0.012864	0.009366
	-0.017194	-0.012274	-0.013445	-0.014425	-0.020422	-0.001027
	0.004770					
z17	0.027977	0.033162	0.003929	-0.020269	0.027526	0.061136
	-0.010807	0.023774	0.011387	-0.009600	0.019551	0.005341
	-0.003924	0.013125	0.000437	-0.004783	0.023378	-0.011403
	-0.001473	-0.015072	-0.008310	-0.008559	0.004119	0.031900
	-0.023142	-0.034579	0.057136	-0.095260	-0.039545	0.031348
	-0.003856					
x18	-0.016538	-0.029234	0.005926	-0.000764	0.001094	0.018976
	0.002316	-0.018417	0.063874	-0.009595	-0.035653	-0.054157
	-0.044988	0.023135	0.063171	-0.002686	-0.006125	0.058969
	-0.004533	-0.021630	-0.061041	-0.066313	0.014036	-0.019470
	0.021084	0.051201	-0.035024	-0.016549	0.027539	0.026972
	-0.012390					

y18	0.035779	0.001350	0.029184	-0.026793	0.006720	-0.008514
	-0.006979	0.000285	0.003525	-0.012096	-0.013448	0.045543
	0.058319	-0.016058	0.023465	0.005039	-0.013725	-0.048848
	-0.004098	-0.049484	0.016670	0.004235	0.013093	0.009251
	-0.027808	-0.018046	-0.007625	0.002138	-0.024397	-0.001149
	0.001017					
z18	0.029932	0.037960	0.002185	-0.017632	0.026692	0.056442
	-0.011646	0.013170	0.007777	-0.013467	0.021623	0.009095
	0.009483	0.010905	0.006049	-0.011660	0.020189	-0.009937
	0.010501	-0.026295	0.003375	-0.005244	-0.000028	0.025316
	-0.046642	-0.029986	0.040716	-0.082260	-0.039539	0.029568
	0.011424					
x19	-0.015571	-0.030210	0.007443	0.003607	0.001917	0.026703
	0.003340	-0.017487	0.063529	-0.007908	-0.037746	-0.063744
	-0.041907	0.023884	0.073680	0.008025	-0.007072	0.054608
	0.005477	-0.018486	-0.056910	-0.063235	0.022751	-0.016409
	0.031025	0.050445	-0.024351	-0.014967	0.021877	0.034585
	-0.024945					
y19	0.035087	0.005139	0.028266	-0.028950	0.007150	-0.007298
	-0.008338	-0.008554	0.012075	-0.014606	-0.010989	0.044697
	0.060944	-0.012689	0.018678	0.006556	-0.015561	-0.050681
	-0.004396	-0.057519	0.005334	0.003442	0.008776	-0.001742
	-0.047464	-0.023797	-0.017869	0.004343	-0.022060	-0.012292
	-0.004255					
z19	0.030568	0.043442	0.001502	-0.016171	0.025193	0.046974
	-0.015816	-0.000364	0.006244	-0.018760	0.019969	0.015059
	0.021616	0.012281	0.006125	-0.016514	0.022469	-0.010013
	0.014073	-0.035462	0.012177	0.004789	-0.011130	0.016272
	-0.080775	-0.023663	0.012909	-0.058121	-0.023384	0.016492
	0.021784					
x20	-0.015164	-0.030665	0.008110	0.008033	0.005694	0.034792
	0.002466	-0.016936	0.065323	-0.008445	-0.034322	-0.070191
	-0.042727	0.020783	0.077791	0.018866	-0.010073	0.048292
	0.014684	-0.018183	-0.061981	-0.061151	0.021800	-0.014944
	0.033630	0.040111	-0.014874	-0.020675	0.022914	0.026453
	-0.048260					
y20	0.033071	0.006142	0.028613	-0.026837	0.006966	-0.004570
	-0.004681	-0.014859	0.019578	-0.021042	-0.016953	0.038997
	0.060806	-0.009294	0.013982	0.009312	-0.014512	-0.052741
	-0.008945	-0.050554	0.000769	-0.001263	0.007655	-0.002583
	-0.064903	-0.013004	-0.007998	0.009833	-0.027848	-0.015161
	-0.008065					

z20	0.028507	0.048551	0.002317	-0.011212	0.022347	0.041229
	-0.017795	-0.008960	0.006384	-0.029681	0.015786	0.011809
	0.029478	0.012469	-0.003462	-0.017889	0.024400	-0.012864
	0.010433	-0.035931	0.008385	0.004625	-0.028277	0.018648
	-0.108531	-0.008741	0.013809	-0.030918	-0.015945	-0.003451
	0.020104					
x21	-0.015095	-0.031886	0.010295	0.013519	0.009851	0.040631
	0.002652	-0.019887	0.068116	-0.007376	-0.032360	-0.073942
	-0.039280	0.023775	0.077332	0.020647	-0.010592	0.039253
	0.017258	-0.021282	-0.063918	-0.063536	0.015485	-0.008378
	0.030113	0.035073	-0.011749	-0.015320	0.012925	0.047067
	-0.039207					
y21	0.032931	0.007055	0.027473	-0.024080	0.008118	0.001234
	-0.001302	-0.017759	0.026916	-0.028109	-0.021079	0.032801
	0.058387	-0.010067	0.012894	0.013125	-0.010384	-0.054634
	-0.009525	-0.040574	-0.004686	-0.006353	0.008452	-0.001605
	-0.070025	-0.011089	0.008014	0.006661	-0.029378	-0.015979
	-0.013676					
z21	0.026656	0.053739	0.002762	-0.008076	0.022350	0.035969
	-0.018294	-0.012703	0.008096	-0.040832	0.015558	0.009777
	0.035429	0.016887	-0.011133	-0.022176	0.026427	-0.018827
	0.008116	-0.035881	0.005239	-0.001040	-0.033914	0.029555
	-0.115944	-0.009134	0.022368	-0.010520	-0.024266	0.012503
	0.046737					
x22	-0.014115	-0.033213	0.012837	0.015686	0.014304	0.041878
	0.002045	-0.017775	0.068726	-0.011494	-0.035566	-0.078713
	-0.039733	0.021141	0.076014	0.026267	-0.002272	0.032984
	0.022321	-0.018068	-0.060637	-0.061962	0.009070	0.004500
	0.024926	0.036212	-0.007969	-0.020361	0.006505	0.068749
	-0.040122					
y22	0.034204	0.007597	0.026211	-0.021467	0.009691	0.007197
	0.002280	-0.021484	0.031942	-0.030389	-0.023536	0.027582
	0.056614	-0.009279	0.012325	0.015081	-0.006567	-0.051285
	-0.010743	-0.034681	-0.015544	-0.012234	0.008036	0.000299
	-0.070233	-0.006421	0.013580	-0.000610	-0.030574	-0.012333
	-0.025729					
z22	0.025871	0.058361	0.001544	-0.006942	0.024341	0.031545
	-0.017333	-0.013886	0.008411	-0.047530	0.016679	0.006757
	0.036739	0.018648	-0.018749	-0.024339	0.028007	-0.016031
	0.009271	-0.035157	-0.007372	-0.003931	-0.040256	0.042117
	-0.112277	0.000522	0.026542	-0.004973	-0.026784	0.030509
	0.045055					

x23	-0.013699	-0.033581	0.015396	0.017861	0.017792	0.043411
	0.009103	-0.016892	0.067300	-0.010171	-0.040265	-0.084495
	-0.038693	0.018404	0.074995	0.031558	0.005364	0.029743
	0.017409	-0.010122	-0.060068	-0.051176	0.014618	-0.005144
	0.023800	0.031505	0.002578	-0.027115	0.002675	0.047882
	-0.052955					
y23	0.036092	0.007725	0.025533	-0.019410	0.011463	0.014998
	0.007360	-0.023899	0.034095	-0.033085	-0.026395	0.019960
	0.055170	-0.010764	0.011787	0.020376	-0.002900	-0.044481
	-0.014108	-0.025833	-0.025830	-0.019691	0.010807	0.002410
	-0.072351	0.000458	0.022444	-0.009770	-0.032422	-0.022103
	-0.039594					
z23	0.024159	0.062267	-0.000762	-0.006914	0.025646	0.029765
	-0.011877	-0.015194	0.006311	-0.051349	0.017125	0.002627
	0.035204	0.019721	-0.025221	-0.019074	0.029526	-0.004698
	0.008842	-0.034940	-0.023298	-0.003973	-0.039622	0.054619
	-0.105980	0.006195	0.029428	0.000376	-0.029485	0.024564
	0.036734					
x24	-0.012846	-0.033121	0.015463	0.020619	0.018624	0.043605
	0.010771	-0.016546	0.062948	-0.008997	-0.038407	-0.089072
	-0.039482	0.015976	0.073532	0.033581	0.012721	0.025494
	0.014012	0.002028	-0.046498	-0.046494	0.026353	-0.007536
	0.016008	0.035957	0.019709	-0.032076	0.008868	0.037388
	-0.067017					
y24	0.038371	0.008076	0.023629	-0.018337	0.011210	0.022152
	0.011510	-0.028206	0.036625	-0.035815	-0.031074	0.012378
	0.050138	-0.014159	0.013346	0.018892	0.000270	-0.039660
	-0.013400	-0.013499	-0.021811	-0.026204	0.018385	0.001173
	-0.070009	0.010339	0.031701	-0.019029	-0.024288	-0.029152
	-0.048736					
z24	0.020979	0.065345	-0.004114	-0.009701	0.025518	0.028232
	-0.003870	-0.018936	0.004731	-0.055009	0.013353	-0.001654
	0.030212	0.020424	-0.028555	-0.023772	0.032908	0.005581
	0.011645	-0.027873	-0.016274	-0.005712	-0.033322	0.057393
	-0.094250	0.011930	0.031051	0.007952	-0.029082	0.024320
	0.040811					
x25	-0.012795	-0.033661	0.017784	0.024586	0.019673	0.039899
	0.009659	-0.014641	0.054082	-0.009349	-0.036691	-0.084716
	-0.037338	0.019608	0.069346	0.032747	0.019327	0.015194
	0.011076	0.006093	-0.038347	-0.038309	0.033851	-0.001823
	0.013288	0.027428	0.031453	-0.033700	0.009219	0.031467
	-0.066698					

y25	0.040643	0.006957	0.023620	-0.015920	0.011343	0.028722
	0.012984	-0.032029	0.034913	-0.037910	-0.033777	0.010909
	0.049100	-0.012173	0.013467	0.017597	0.001615	-0.035781
	-0.012647	-0.009059	-0.024607	-0.034653	0.020608	0.006914
	-0.061397	0.009219	0.036382	-0.029616	-0.020774	-0.030882
	-0.055241					
z25	0.016633	0.067303	-0.008949	-0.012232	0.025658	0.028504
	0.004299	-0.022583	0.000528	-0.057648	0.009516	-0.004666
	0.026623	0.020862	-0.033319	-0.025117	0.035191	0.018743
	0.016833	-0.021939	-0.014588	-0.008732	-0.030520	0.061390
	-0.076735	0.016856	0.031093	0.013360	-0.026747	0.017737
	0.038523					
x26	-0.011551	-0.033498	0.019175	0.027669	0.022679	0.031399
	0.008247	-0.011285	0.046588	-0.010478	-0.034942	-0.082345
	-0.033460	0.017289	0.066211	0.029725	0.030026	0.004162
	0.008164	0.010116	-0.036376	-0.031292	0.039876	0.007477
	0.010502	0.027873	0.024462	-0.042782	0.020579	0.028110
	-0.051568					
y26	0.044430	0.005726	0.022954	-0.014225	0.012826	0.031957
	0.013028	-0.035769	0.036022	-0.039247	-0.038626	0.007638
	0.049935	-0.016363	0.015480	0.016893	0.004237	-0.032824
	-0.008249	-0.001377	-0.035092	-0.041175	0.020015	0.012797
	-0.045433	0.017477	0.019907	-0.047279	-0.001797	-0.022482
	-0.052437					
z26	0.011191	0.068856	-0.015864	-0.014861	0.026402	0.026821
	0.011733	-0.026446	-0.000661	-0.056542	0.003822	-0.005688
	0.020234	0.018211	-0.034254	-0.028383	0.036027	0.031441
	0.028637	-0.013296	-0.016773	-0.010344	-0.027565	0.056882
	-0.054997	0.024009	0.019146	0.021591	-0.015828	0.022099
	0.037241					
x27	-0.010440	-0.034296	0.020780	0.030056	0.026101	0.021898
	0.012570	-0.007730	0.037769	-0.009327	-0.031318	-0.076861
	-0.030512	0.015507	0.061823	0.026012	0.041944	-0.002375
	0.006799	0.010725	-0.031838	-0.021833	0.042997	0.022463
	0.012414	0.025948	0.026530	-0.050096	0.028526	0.020319
	-0.025222					
y27	0.048527	0.002749	0.023540	-0.013579	0.013988	0.035293
	0.017356	-0.039952	0.037768	-0.038587	-0.042555	0.007118
	0.051042	-0.019495	0.019471	0.016968	0.003175	-0.026585
	-0.000217	0.004272	-0.037850	-0.043051	0.020394	0.019817
	-0.019405	0.016445	0.015143	-0.066138	0.011050	-0.020832
	-0.035178					

z27	0.004998	0.069174	-0.022505	-0.018516	0.026130	0.025186
	0.019851	-0.030927	-0.001917	-0.055640	-0.004209	-0.006891
	0.015071	0.016351	-0.034392	-0.029088	0.034277	0.044854
	0.041882	-0.003052	-0.011221	-0.010188	-0.021370	0.049761
	-0.021158	0.023380	0.007341	0.022537	-0.009158	0.019027
	0.038813					
x28	-0.010326	-0.034861	0.023224	0.031518	0.031278	0.009449
	0.016887	0.001659	0.027727	-0.006675	-0.025067	-0.072689
	-0.029668	0.014979	0.054872	0.020234	0.045770	-0.010534
	0.007756	0.012131	-0.029515	-0.002557	0.044769	0.034618
	0.012966	0.017285	0.039023	-0.050965	0.032053	0.007629
	-0.017184					
y28	0.051323	-0.000489	0.024597	-0.013293	0.016628	0.036731
	0.023071	-0.038525	0.040092	-0.033418	-0.040467	0.002549
	0.048581	-0.019102	0.029541	0.014600	-0.002028	-0.025031
	-0.000519	0.006766	-0.044216	-0.036503	0.013450	0.022247
	0.000069	0.003391	0.016633	-0.080613	0.007160	-0.028835
	-0.046339					
z28	-0.002615	0.070359	-0.030890	-0.020150	0.024898	0.021289
	0.030191	-0.037402	0.001527	-0.054727	-0.012209	-0.011188
	0.014309	0.016457	-0.028252	-0.030278	0.043796	0.048167
	0.036318	0.003515	-0.010508	-0.005236	-0.024586	0.041286
	0.005600	0.015734	-0.007487	0.029036	-0.009780	0.012078
	0.040602					
x29	-0.011621	-0.036904	0.025906	0.029847	0.037720	0.002433
	0.021475	0.015068	0.009550	-0.012898	-0.023411	-0.075631
	-0.036742	0.016150	0.044613	0.010148	0.040995	-0.007956
	0.011247	0.012117	-0.021367	0.010136	0.043877	0.040874
	-0.007100	-0.002418	0.042551	-0.033680	0.029421	0.004225
	-0.009216					
y29	0.048808	-0.003887	0.030748	-0.014674	0.023091	0.036788
	0.032168	-0.031418	0.034329	-0.033711	-0.037365	-0.005588
	0.035000	-0.023490	0.029945	0.012217	-0.016238	-0.013756
	-0.003793	0.006597	-0.026158	-0.045207	0.003607	0.015119
	-0.007230	-0.005239	0.015124	-0.080767	-0.002295	-0.028883
	-0.051822					
z29	-0.012417	0.073061	-0.033772	-0.020060	0.028617	0.009919
	0.038083	-0.045993	0.009209	-0.044105	-0.013481	-0.006716
	0.016831	0.008187	-0.027101	-0.029502	0.051920	0.036675
	0.024105	0.012757	0.005622	0.003227	-0.025004	0.031980
	0.051470	0.032327	-0.011425	0.012774	-0.007676	-0.008262
	0.034361					

x30	-0.009614	-0.038886	0.026762	0.018871	0.042142	0.008705
	0.021448	0.024391	-0.014336	-0.023403	-0.027473	-0.092580
	-0.050672	0.026561	0.041500	-0.002210	0.030877	-0.006193
	0.018899	0.012592	-0.019395	0.017820	0.055942	0.042945
	-0.024294	-0.030963	0.010089	-0.007612	0.016450	0.013107
	-0.015562					
y30	0.052034	-0.006209	0.037707	-0.022765	0.032705	0.050400
	0.038660	-0.023428	0.018734	-0.031347	-0.034585	-0.022762
	0.026627	-0.017789	0.030238	0.006445	-0.033216	-0.019358
	0.008581	0.015824	-0.025371	-0.059067	0.006627	0.007858
	0.002084	-0.006448	-0.006955	-0.066999	-0.002456	-0.014353
	-0.047820					
z30	-0.020541	0.072573	-0.034223	-0.022977	0.034395	0.003896
	0.044985	-0.053423	0.006252	-0.037379	-0.016461	-0.002864
	0.014911	-0.000570	-0.036274	-0.024500	0.043501	0.033725
	0.025182	0.019696	0.019723	-0.000527	-0.020970	0.012687
	0.084964	0.049893	-0.015822	0.006522	0.004271	-0.021774
	0.021038					
x31	-0.011577	-0.039240	0.028400	0.021047	0.046928	0.001053
	0.024632	0.030194	-0.021125	-0.024984	-0.025607	-0.089984
	-0.046740	0.027384	0.037384	-0.010297	0.035537	-0.012762
	0.011999	0.013116	-0.020445	0.027778	0.055274	0.047494
	-0.022747	-0.041952	0.009789	0.003102	0.013831	0.003434
	-0.001704					
y31	0.044334	-0.006815	0.042408	-0.015746	0.035485	0.038574
	0.046567	-0.020720	0.011294	-0.028596	-0.028411	-0.011102
	0.025117	-0.022185	0.023419	0.010169	-0.035719	-0.030469
	0.010082	0.015751	-0.027955	-0.053757	0.000686	0.016864
	0.015417	-0.016031	-0.010141	-0.052877	0.008549	-0.022385
	-0.040908					
z31	-0.024886	0.074350	-0.034005	-0.028059	0.033941	0.001496
	0.052966	-0.052969	-0.001021	-0.029872	-0.014757	-0.003364
	0.010593	0.000905	-0.041850	-0.023198	0.039358	0.019393
	0.034820	0.024514	0.025519	0.005364	-0.016187	0.006120
	0.105935	0.050906	-0.022860	0.015957	0.016852	-0.023367
	0.010345					
x32	-0.011113	-0.040428	0.029487	0.019408	0.051321	0.001132
	0.024156	0.033672	-0.029351	-0.028417	-0.026875	-0.093368
	-0.046893	0.026471	0.037693	-0.018350	0.032485	-0.012903
	0.010211	0.011585	-0.021513	0.034774	0.062577	0.046093
	-0.019402	-0.054391	-0.002863	0.011940	0.003109	0.003451
	0.003766					

y32	0.036365	-0.005828	0.049527	-0.009846	0.038862	0.024445
	0.055753	-0.016311	0.005768	-0.029523	-0.022236	0.003668
	0.026210	-0.031790	0.010049	0.004112	-0.027877	-0.042593
	0.006845	0.018713	-0.016133	-0.048427	0.002935	0.023503
	0.026912	0.000140	0.002210	-0.039587	0.021169	-0.018010
	-0.023570					
z32	-0.026497	0.076880	-0.033577	-0.038261	0.032299	0.006113
	0.058373	-0.049555	-0.010674	-0.027887	-0.012671	-0.012049
	0.002721	0.006639	-0.041697	-0.020717	0.031120	0.010880
	0.044697	0.024509	0.023858	0.009593	-0.013085	0.002353
	0.110694	0.042322	-0.031005	0.030962	0.025039	-0.017389
	-0.011081					
x33	-0.012931	-0.041347	0.031414	0.022435	0.055473	-0.004485
	0.023703	0.037172	-0.033515	-0.029006	-0.024280	-0.088483
	-0.042866	0.022276	0.039023	-0.025568	0.037010	-0.014906
	0.004894	0.010101	-0.013166	0.043961	0.068043	0.046875
	-0.010601	-0.059974	-0.003661	0.009091	-0.002214	-0.001434
	0.020097					
y33	0.030839	-0.004850	0.056322	-0.005174	0.045052	0.011032
	0.064274	-0.011694	-0.003663	-0.030543	-0.017966	0.008077
	0.022988	-0.042223	-0.005934	0.001065	-0.021923	-0.057776
	0.011809	0.017232	-0.019979	-0.039978	0.002563	0.033085
	0.030432	0.017476	0.011602	-0.016814	0.035015	-0.016619
	-0.010455					
z33	-0.028829	0.079742	-0.033148	-0.046232	0.031515	0.006210
	0.064657	-0.043567	-0.017733	-0.026213	-0.008835	-0.018575
	-0.004194	0.010403	-0.038642	-0.018964	0.025211	0.002362
	0.047894	0.020117	0.027019	0.011857	-0.009111	-0.007481
	0.106063	0.034595	-0.026638	0.040943	0.026540	-0.014799
	-0.024379					
x34	-0.016250	-0.041538	0.033048	0.025932	0.057410	-0.013132
	0.024748	0.040355	-0.036975	-0.028522	-0.019823	-0.079121
	-0.038218	0.016892	0.037757	-0.032278	0.049771	-0.020117
	0.001752	0.008253	-0.005641	0.052967	0.066865	0.052811
	-0.003491	-0.062117	0.002442	0.008706	-0.000134	-0.001043
	0.033097					
y34	0.026699	-0.004958	0.063686	-0.002318	0.053462	-0.002354
	0.074427	-0.004933	-0.016880	-0.031790	-0.015352	0.006602
	0.016058	-0.049463	-0.023788	-0.003914	-0.027308	-0.072735
	0.017023	0.017393	-0.023486	-0.025648	0.005435	0.034972
	0.031769	0.022084	0.010986	0.005557	0.048507	-0.033609
	0.007788					

z34	-0.029478	0.082189	-0.031434	-0.051948	0.033231	0.007735
	0.068723	-0.038810	-0.022818	-0.026108	-0.004541	-0.025490
	-0.005535	0.012577	-0.033092	-0.014381	0.019778	-0.005638
	0.043433	0.015231	0.027991	0.012007	-0.003687	-0.019025
	0.105794	0.031596	-0.024235	0.044006	0.027788	-0.007642
	-0.022203					
x35	-0.019563	-0.041212	0.033068	0.030167	0.058673	-0.021938
	0.023989	0.041319	-0.038226	-0.026879	-0.015791	-0.068019
	-0.033469	0.012235	0.038242	-0.043084	0.067849	-0.030164
	0.002477	0.008165	0.004266	0.067947	0.059142	0.061070
	-0.005148	-0.057038	-0.000203	0.013114	0.009030	-0.010210
	0.045047					
y35	0.021404	-0.005394	0.072420	-0.001212	0.063659	-0.015843
	0.086471	0.003680	-0.032988	-0.033953	-0.013409	0.003662
	0.006968	-0.059357	-0.042092	-0.006510	-0.036270	-0.089054
	0.019067	0.014319	-0.028813	-0.015995	0.013917	0.033865
	0.042177	0.017142	0.018083	0.029308	0.054706	-0.030666
	0.025181					
z35	-0.027172	0.084624	-0.028637	-0.056781	0.032527	0.011522
	0.069760	-0.033554	-0.024581	-0.030670	-0.001163	-0.037666
	-0.006516	0.017962	-0.029078	-0.011960	0.019014	-0.005120
	0.034605	0.009051	0.021922	0.012278	0.002226	-0.030084
	0.106379	0.030616	-0.020087	0.050941	0.024616	-0.014009
	-0.010688					
x36	-0.022902	-0.041929	0.033167	0.035139	0.061640	-0.027351
	0.021492	0.039591	-0.036597	-0.021752	-0.013667	-0.054669
	-0.026003	0.008147	0.039005	-0.049002	0.083056	-0.042902
	-0.004828	0.010568	0.016758	0.080945	0.060917	0.058912
	0.001802	-0.052450	0.002169	0.008941	0.019038	-0.023973
	0.052243					
y36	0.016715	-0.005872	0.082708	-0.000276	0.074244	-0.033102
	0.099256	0.015284	-0.051696	-0.039606	-0.009070	-0.001374
	-0.003394	-0.072730	-0.059061	-0.012669	-0.043799	-0.104124
	0.027050	0.009673	-0.033638	-0.003332	0.015499	0.041455
	0.047345	0.009575	0.027329	0.053402	0.060750	-0.027426
	0.049979					
z36	-0.023602	0.088050	-0.028455	-0.063452	0.029555	0.016916
	0.069702	-0.027034	-0.023801	-0.035716	0.000520	-0.053870
	-0.012308	0.026262	-0.020915	-0.010839	0.014408	-0.002532
	0.020026	0.000418	0.014107	0.013789	0.015471	-0.045372
	0.098444	0.022857	-0.017259	0.059619	0.012013	-0.021231
	-0.014267					

x37	-0.003850	-0.007036	0.067944	-0.027456	0.057019	0.027393
	0.028562	-0.017999	-0.012840	-0.002595	0.024775	0.052577
	-0.040030	-0.029312	0.011804	0.002481	-0.007346	0.060216
	-0.068697	-0.028000	0.014080	0.038480	0.044819	-0.004761
	0.011817	0.072126	-0.054066	0.027781	0.001952	-0.015036
	0.041817					
y37	-0.024483	-0.039964	-0.000599	0.009919	0.031561	0.021915
	-0.007978	-0.036016	0.035979	0.033824	0.011830	0.040800
	-0.042741	0.001612	0.051157	-0.005650	0.046443	-0.039655
	0.009843	0.031729	0.020961	-0.004491	-0.025151	0.017608
	-0.022854	-0.048799	-0.027750	-0.020592	-0.066536	-0.090576
	0.058087					
z37	-0.043242	-0.022451	-0.019669	0.016243	0.046872	-0.056422
	0.015052	-0.074205	-0.012451	-0.023749	-0.062257	0.013348
	0.007170	-0.021191	0.012026	-0.036454	-0.001100	0.023266
	-0.045110	-0.033195	-0.047062	0.069817	-0.003638	-0.012660
	-0.029035	-0.014787	-0.006356	-0.017525	-0.025513	-0.076492
	-0.024902					
x38	-0.003835	-0.012412	0.078632	-0.027530	0.054432	0.035552
	0.036469	-0.016185	-0.004005	-0.003328	0.038688	0.044517
	-0.026650	-0.030362	0.011348	-0.011180	-0.013503	0.051428
	-0.065236	-0.020874	0.006967	0.047297	0.037105	-0.012903
	0.024603	0.046469	-0.033123	0.030621	-0.004601	-0.007973
	0.014497					
y38	-0.036660	-0.048368	0.006322	0.003887	0.039125	0.015690
	-0.004512	-0.040704	0.017530	0.021140	-0.002125	0.033971
	-0.034459	-0.010239	0.025971	0.000701	0.028686	-0.030852
	0.027484	0.027923	0.032944	0.000835	-0.010259	0.025547
	-0.033091	-0.062826	-0.023089	-0.009712	-0.049647	-0.050085
	0.026925					
z38	-0.030619	-0.010770	-0.024464	0.010969	0.041342	-0.061533
	0.014307	-0.061945	-0.016974	-0.030003	-0.066505	-0.004280
	0.023911	-0.013943	0.009146	-0.037818	-0.009717	0.038118
	-0.033317	-0.018069	-0.032034	0.057880	0.008153	-0.003373
	-0.028511	-0.034502	0.002211	-0.007461	-0.017651	-0.042149
	-0.033419					
x39	-0.006285	-0.019160	0.086958	-0.024483	0.051360	0.041718
	0.039515	-0.016621	0.007038	-0.002357	0.048726	0.042907
	-0.014764	-0.034225	0.011858	-0.023789	-0.015916	0.049268
	-0.061073	-0.019041	0.013082	0.061380	0.037351	-0.009481
	0.035753	0.023108	-0.019328	0.026462	-0.000042	0.005830
	-0.012377					

y39	-0.038869	-0.054387	0.011986	-0.004476	0.042973	0.013417
	-0.001555	-0.041856	-0.010484	0.009249	-0.016352	0.027017
	-0.026599	-0.017356	-0.001247	0.005777	0.009450	-0.024267
	0.052524	0.031020	0.049818	-0.000251	0.000624	0.035985
	-0.039811	-0.062965	-0.027159	-0.001497	-0.032897	-0.007053
	-0.003173					
z39	-0.008335	0.015229	-0.028952	0.005532	0.034038	-0.055936
	0.012948	-0.043215	-0.023903	-0.023996	-0.053893	-0.006140
	0.032186	-0.008285	0.013836	-0.032184	-0.013231	0.041940
	-0.018622	-0.008377	-0.020304	0.061437	0.007833	0.005888
	-0.006642	-0.043161	-0.014616	-0.022057	-0.021826	-0.021482
	-0.034767					
x40	-0.006026	-0.023741	0.087952	-0.020426	0.046169	0.042742
	0.038317	-0.018848	0.013817	-0.004656	0.053458	0.038131
	0.001876	-0.031076	0.012135	-0.029094	-0.011043	0.047629
	-0.063445	-0.014294	0.014227	0.055501	0.031312	-0.000031
	0.030216	0.004897	-0.015475	0.025638	0.013798	0.013399
	-0.029094					
y40	-0.037993	-0.058847	0.015272	-0.005907	0.047806	0.011464
	-0.003529	-0.046032	-0.027660	0.002009	-0.025935	0.026080
	-0.024288	-0.022577	-0.015861	0.015959	-0.005104	-0.018204
	0.062430	0.032699	0.053316	-0.011951	-0.000230	0.036990
	-0.040438	-0.041699	-0.022543	0.001600	-0.028294	0.014961
	-0.015367					
z40	0.008373	0.035033	-0.030830	0.006064	0.031681	-0.047334
	0.005452	-0.030409	-0.021869	-0.015972	-0.040341	-0.002174
	0.036008	-0.005689	0.022124	-0.021737	-0.013879	0.039862
	-0.017882	-0.000573	-0.021022	0.053507	0.009238	0.007060
	0.017117	-0.035735	-0.015506	-0.034677	-0.032634	-0.012767
	-0.032273					
x41	-0.004286	-0.025014	0.085016	-0.017145	0.036594	0.038285
	0.034921	-0.017586	0.015629	-0.008998	0.054005	0.031631
	0.014959	-0.024277	0.011610	-0.023210	-0.003113	0.049202
	-0.064016	-0.010263	0.012174	0.040199	0.026692	0.015350
	0.021176	-0.014835	-0.011828	0.023236	0.020634	0.016532
	-0.038294					
y41	-0.038463	-0.060512	0.020563	-0.007397	0.052941	0.011755
	-0.003432	-0.047311	-0.034354	0.000030	-0.031755	0.029220
	-0.026100	-0.026991	-0.028961	0.023852	-0.015697	-0.014876
	0.064989	0.031869	0.061669	-0.017665	-0.014713	0.032396
	-0.054835	-0.012100	-0.026160	-0.002036	-0.019914	0.016176
	-0.012242					

z41	0.019594	0.047491	-0.030258	0.005918	0.030531	-0.039644
	0.001285	-0.020116	-0.018912	-0.008233	-0.029725	0.001592
	0.038415	-0.005544	0.025742	-0.014590	-0.015615	0.036501
	-0.020302	0.007519	-0.018008	0.043994	0.006335	0.003474
	0.025469	-0.024942	-0.016273	-0.040650	-0.037205	-0.011450
	-0.025146					
x42	-0.002412	-0.024420	0.085095	-0.012810	0.033400	0.038162
	0.034062	-0.015642	0.015097	-0.009623	0.049168	0.026060
	0.027597	-0.021932	0.010725	-0.018784	0.007259	0.047722
	-0.063972	-0.014164	0.003669	0.036450	0.019767	0.014290
	0.015565	-0.030052	-0.000993	0.017545	0.013018	0.009561
	-0.036471					
y42	-0.039471	-0.060957	0.024041	-0.008852	0.052643	0.005636
	-0.003088	-0.038644	-0.032344	-0.006588	-0.036006	0.024751
	-0.021933	-0.029285	-0.035877	0.032771	-0.014691	-0.006600
	0.060303	0.027829	0.054172	-0.015814	-0.014735	0.041228
	-0.069014	0.004367	-0.027435	0.007452	-0.004107	0.017012
	-0.009183					
z42	0.028539	0.059143	-0.029405	0.004386	0.028158	-0.030820
	-0.001797	-0.011248	-0.015684	-0.004119	-0.019905	0.004433
	0.038386	-0.005567	0.028262	-0.009406	-0.013252	0.032104
	-0.023199	0.010742	-0.015487	0.042195	0.004899	0.002315
	0.033903	-0.019772	-0.015455	-0.046653	-0.043700	-0.013211
	-0.021948					
x43	0.000819	-0.021593	0.085938	-0.008213	0.035988	0.040338
	0.037548	-0.015112	0.012158	-0.007555	0.041726	0.022809
	0.041132	-0.020549	0.009974	-0.011771	0.011868	0.038826
	-0.067979	-0.007754	-0.004964	0.028225	0.009190	-0.001921
	0.005246	-0.036974	0.010564	0.023573	0.008836	-0.002596
	-0.024228					
y43	-0.030515	-0.061183	0.020071	-0.003850	0.042607	-0.009451
	-0.007175	-0.025593	-0.025391	-0.012599	-0.033206	0.024767
	-0.022170	-0.021985	-0.031731	0.026251	-0.013689	-0.005484
	0.046514	0.021607	0.039599	-0.021852	0.008739	0.044980
	-0.054725	0.023843	-0.028266	0.014194	-0.003515	0.036317
	-0.012174					
z43	0.037474	0.069751	-0.026904	0.002334	0.027179	-0.017457
	-0.002998	-0.003007	-0.015661	0.001131	-0.008724	0.004228
	0.043828	-0.007421	0.029861	-0.003191	-0.008118	0.023998
	-0.030520	0.026061	-0.014396	0.033296	0.005670	-0.002302
	0.035833	-0.011535	-0.007584	-0.043650	-0.053293	-0.013879
	-0.016468					

x44	0.002139	-0.016770	0.085131	-0.004772	0.035443	0.038443
	0.041774	-0.015085	0.006185	-0.007149	0.032880	0.022085
	0.046852	-0.022378	0.007798	0.000580	0.016318	0.025559
	-0.074336	-0.000324	-0.005349	0.019992	0.004454	-0.011404
	-0.003450	-0.036686	0.017109	0.031343	0.006287	-0.002298
	-0.014700					
y44	-0.005728	-0.051574	0.011027	0.009285	0.032663	-0.019154
	-0.012515	-0.013746	-0.010687	-0.016341	-0.027501	0.029894
	-0.024992	0.003327	-0.019882	0.005915	-0.024544	-0.011832
	0.033281	0.013484	0.017427	-0.007009	0.032471	0.039051
	-0.036155	0.015154	-0.027055	0.004223	-0.012236	0.035175
	-0.017081					
z44	0.039007	0.073346	-0.022639	-0.004772	0.021500	-0.007369
	-0.005193	0.009307	-0.023119	0.003799	0.008246	0.002352
	0.053454	-0.010110	0.029593	0.012617	0.007373	0.011048
	-0.039854	0.037112	-0.007093	0.025471	0.017796	0.010564
	0.035351	-0.004259	-0.007491	-0.040613	-0.043106	-0.020557
	-0.016126					
x45	0.002053	-0.018126	0.083885	0.002096	0.033425	0.035316
	0.044424	-0.017466	0.004922	-0.008849	0.025322	0.023215
	0.051136	-0.024188	0.005860	0.008180	0.016005	0.021945
	-0.077062	0.003834	0.001806	0.015361	0.002742	-0.015133
	0.008754	-0.025290	0.023831	0.043914	0.005362	-0.003639
	-0.007875					
y45	0.012787	-0.034518	0.009612	0.008629	0.024060	-0.013519
	-0.010927	-0.000746	-0.008320	-0.019672	-0.010436	0.035416
	-0.008892	0.012537	-0.005145	0.004557	-0.030148	-0.006408
	0.006790	0.022652	-0.015515	0.006226	0.051858	0.023919
	-0.033040	0.012408	-0.021172	-0.008321	-0.029825	0.000287
	-0.046340					
z45	0.032088	0.065358	-0.019930	-0.003988	0.021605	-0.012729
	-0.011431	0.012578	-0.021686	0.004164	0.018879	0.007342
	0.048643	-0.009828	0.028065	0.022588	0.009948	0.008479
	-0.028236	0.028417	0.006552	0.024368	0.015277	0.010349
	0.041277	0.016693	-0.016956	-0.026160	-0.012055	-0.017160
	0.015597					
x46	0.006294	-0.015704	0.082653	0.004577	0.032493	0.034032
	0.036826	-0.015095	0.006828	-0.014931	0.027033	0.022847
	0.041280	-0.021801	-0.002489	0.015962	0.021737	0.033565
	-0.067439	-0.006749	0.007361	0.006497	-0.006658	-0.019602
	0.008742	-0.007167	0.032880	0.022670	0.008880	-0.000046
	0.020724					

y46	0.020939	-0.025046	0.006679	0.006096	0.020764	-0.009016
	-0.009378	0.006200	-0.008126	-0.015125	-0.006801	0.036992
	0.000126	0.018518	-0.001257	0.003369	-0.032101	-0.005734
	0.003212	0.032968	-0.007227	0.009569	0.058328	0.024701
	-0.024019	0.019722	-0.022295	-0.004240	-0.022142	-0.004970
	-0.046411					
z46	0.028639	0.062295	-0.018903	-0.003170	0.023018	-0.017197
	-0.011337	0.015112	-0.016968	0.005170	0.020810	0.009530
	0.051190	-0.017443	0.032521	0.026200	0.006331	0.010481
	-0.030661	0.029228	0.005642	0.017107	0.017858	0.012120
	0.030470	0.025497	-0.020469	-0.022194	-0.006260	-0.012748
	0.015971					
x47	0.006636	-0.018785	0.084260	0.007936	0.033673	0.032938
	0.029944	-0.011586	0.012956	-0.016640	0.035101	0.018105
	0.041467	-0.024921	-0.012509	0.020778	0.031017	0.045243
	-0.063457	-0.015892	0.002273	-0.002023	-0.013194	-0.009777
	0.000922	-0.005762	0.013572	-0.000375	0.014486	0.012059
	0.009943					
y47	0.027651	-0.015936	0.002651	-0.001020	0.019770	-0.002747
	-0.012103	0.009751	-0.019616	-0.014309	-0.011228	0.034813
	-0.000571	0.024300	-0.008469	0.003433	-0.019560	-0.001146
	-0.002243	0.034453	0.005236	0.007269	0.034383	0.026353
	-0.010237	0.010988	-0.015036	-0.002702	-0.002633	0.019066
	-0.032871					
z47	0.034262	0.066698	-0.019426	0.001993	0.028576	-0.020091
	-0.014980	0.017027	-0.008552	0.009732	0.014666	0.001869
	0.038066	-0.012254	0.022589	0.024808	0.012763	0.016161
	-0.031944	0.014440	0.010569	0.013943	0.000506	0.022886
	0.033168	0.009753	-0.005553	-0.023565	0.000743	0.002246
	0.010527					
x48	0.006454	-0.021817	0.085220	0.015205	0.030855	0.030748
	0.034811	-0.012308	0.008691	-0.016508	0.039052	0.014539
	0.053338	-0.024348	-0.007733	0.021625	0.036455	0.041069
	-0.055174	-0.010876	0.009771	0.000755	-0.020047	-0.002394
	-0.015024	0.005404	-0.003192	0.009184	-0.004225	0.012405
	-0.005308					
y48	0.034758	-0.006640	-0.002095	-0.005369	0.019218	0.001611
	-0.012972	0.012542	-0.026096	-0.012662	-0.012755	0.035222
	0.001256	0.029337	-0.005003	0.007274	-0.011793	0.003341
	-0.007007	0.035906	0.011469	0.012906	0.016618	0.020849
	-0.010935	0.011328	-0.010823	0.007435	0.005030	0.026540
	-0.021744					

z48	0.034897	0.065162	-0.017382	0.007312	0.034114	-0.023938
	-0.018209	0.017999	0.003093	0.014227	0.015483	-0.003427
	0.026263	-0.013259	0.023661	0.024965	0.017299	0.015824
	-0.026573	0.005018	-0.003498	0.014647	-0.011160	0.023993
	0.025891	0.004798	-0.004125	-0.018238	0.006015	0.004005
	0.016582					
x49	0.007455	-0.024123	0.085269	0.019237	0.029440	0.027709
	0.036084	-0.012249	0.009394	-0.015860	0.041500	0.011302
	0.059192	-0.024949	-0.009670	0.023813	0.039761	0.039006
	-0.050878	-0.006837	0.010179	-0.005275	-0.023232	-0.003687
	-0.017274	0.006957	-0.021319	0.003480	-0.009203	0.011715
	-0.008233					
y49	0.039934	-0.000771	-0.003619	-0.006631	0.020862	0.002727
	-0.013054	0.016192	-0.024143	-0.013719	-0.012758	0.035571
	0.001135	0.031158	-0.009809	0.007844	-0.008585	0.011720
	-0.009729	0.033844	0.006218	0.017390	0.007229	0.013738
	-0.009757	0.010452	-0.001094	0.000678	0.006669	0.022302
	-0.007944					
z49	0.034161	0.062252	-0.013736	0.011184	0.037936	-0.025185
	-0.019339	0.019324	0.012171	0.016283	0.018290	-0.008076
	0.018411	-0.014151	0.022247	0.024434	0.020393	0.011357
	-0.018209	-0.002088	-0.014953	0.016135	-0.019208	0.024888
	0.019468	0.005464	0.004934	-0.016960	0.003273	0.000977
	0.026056					
x50	0.009026	-0.026075	0.083978	0.022504	0.027972	0.024924
	0.036254	-0.013511	0.010224	-0.015546	0.044800	0.008176
	0.063268	-0.026512	-0.011689	0.025523	0.039784	0.036593
	-0.043409	-0.006699	0.009182	-0.011167	-0.025646	-0.003255
	-0.016271	0.008099	-0.030362	-0.001012	-0.011785	0.013778
	-0.009316					
y50	0.043401	0.003355	-0.004833	-0.005695	0.025877	0.000906
	-0.013326	0.019709	-0.025265	-0.016666	-0.008424	0.034435
	0.003309	0.036840	-0.009215	0.008549	-0.001449	0.015743
	-0.008214	0.035074	-0.000872	0.015970	0.010622	0.012897
	-0.012380	0.012785	0.008499	-0.001665	0.007723	0.015279
	0.003102					
z50	0.033077	0.058977	-0.009894	0.014843	0.040702	-0.026157
	-0.019393	0.020667	0.018856	0.018352	0.020684	-0.012263
	0.012262	-0.013007	0.022036	0.023883	0.023705	0.004136
	-0.011540	-0.005577	-0.024049	0.018037	-0.023167	0.027992
	0.010321	0.008895	0.012688	-0.013637	-0.001514	-0.003688
	0.033456					

x51	0.011255	-0.027805	0.082342	0.024698	0.026224	0.021655
	0.035717	-0.015238	0.011002	-0.014761	0.046784	0.005792
	0.066713	-0.028029	-0.013260	0.027277	0.038623	0.033626
	-0.035198	-0.007211	0.007468	-0.015181	-0.026113	-0.004166
	-0.013530	0.011631	-0.032750	-0.002495	-0.014305	0.015735
	-0.012528					
y51	0.045761	0.007400	-0.005125	-0.003675	0.028994	0.001304
	-0.013599	0.022105	-0.024080	-0.014246	-0.004580	0.031810
	0.003509	0.036001	-0.011277	0.009434	0.001312	0.011552
	-0.010115	0.032848	-0.002508	0.016436	0.003748	0.018451
	-0.022040	0.011131	0.013877	-0.001684	0.005319	0.025198
	0.014541					
z51	0.033016	0.056819	-0.007536	0.016946	0.041184	-0.027066
	-0.017647	0.018899	0.024418	0.017982	0.021405	-0.015221
	0.008015	-0.013226	0.020991	0.021066	0.024405	-0.000862
	-0.007971	-0.002874	-0.023793	0.018272	-0.022337	0.030236
	0.005321	0.011064	0.017506	-0.010202	-0.003226	-0.007626
	0.030439					
x52	0.014469	-0.029006	0.080070	0.026129	0.024558	0.018210
	0.035085	-0.018932	0.012503	-0.013389	0.045665	0.003952
	0.068759	-0.029814	-0.015302	0.028156	0.035113	0.028236
	-0.027739	-0.006981	0.008325	-0.018092	-0.024205	-0.008201
	-0.006816	0.013527	-0.027365	-0.001226	-0.015238	0.018429
	-0.014227					
y52	0.049151	0.012371	-0.003782	0.000233	0.031550	-0.000020
	-0.012367	0.025079	-0.021083	-0.012571	0.000013	0.028426
	0.005491	0.037414	-0.014722	0.004406	0.007718	0.009881
	-0.007823	0.031696	0.002046	0.018148	0.005007	0.025372
	-0.027152	0.015700	0.017442	-0.009677	0.004851	0.032033
	0.023621					
z52	0.033771	0.054836	-0.007330	0.017582	0.038100	-0.027371
	-0.013988	0.013104	0.029872	0.015884	0.021233	-0.016605
	0.004611	-0.016151	0.017864	0.016089	0.019199	-0.003916
	-0.010265	0.007051	-0.014871	0.018949	-0.018470	0.033220
	0.004094	0.014381	0.021188	-0.004535	-0.000607	-0.010837
	0.015393					
x53	0.018914	-0.029386	0.076302	0.028283	0.024140	0.014398
	0.035401	-0.024063	0.014949	-0.010041	0.041579	0.001818
	0.071488	-0.030995	-0.016820	0.027547	0.028072	0.020291
	-0.018858	-0.007061	0.009859	-0.022734	-0.021946	-0.016490
	0.004258	0.014979	-0.014912	0.001306	-0.014357	0.021346
	-0.010870					

y53	0.053306	0.014264	-0.001613	0.003343	0.033477	-0.001524
	-0.008793	0.024671	-0.012514	-0.009154	0.010031	0.024359
	0.003807	0.041005	-0.020313	0.000401	0.010404	0.002217
	-0.008984	0.036921	0.011565	0.029898	0.003578	0.034650
	-0.036109	0.033027	0.026096	-0.012352	0.008013	0.028098
	0.033292					
z53	0.033231	0.052408	-0.007081	0.018487	0.032846	-0.027037
	-0.007588	0.004141	0.033235	0.011290	0.017275	-0.017541
	0.002377	-0.023039	0.011927	0.004160	0.013610	-0.007025
	-0.012683	0.019998	-0.001014	0.017234	-0.005185	0.040241
	0.002893	0.009213	0.022230	-0.000041	0.002309	-0.010820
	-0.013090					
x54	0.023685	-0.029125	0.070376	0.030758	0.025252	0.010515
	0.036436	-0.026957	0.017694	-0.005784	0.036514	0.001225
	0.074443	-0.030028	-0.017844	0.026013	0.018417	0.012748
	-0.005260	-0.011185	0.009781	-0.024799	-0.021827	-0.027635
	0.015059	0.017018	0.004293	0.006051	-0.012159	0.024271
	0.003452					
y54	0.058279	0.016219	0.000783	0.006951	0.033266	-0.004736
	-0.001118	0.012606	-0.001492	-0.005268	0.016287	0.017199
	0.002222	0.030845	-0.031241	-0.011263	0.004815	-0.005328
	-0.014708	0.052245	0.032512	0.031854	0.008615	0.049123
	-0.044301	0.045618	0.035287	-0.015388	0.003671	0.023777
	0.004422					
z54	0.026695	0.042726	-0.006615	0.016143	0.026169	-0.022729
	-0.001400	0.000304	0.035004	0.007099	0.019072	-0.015806
	-0.002914	-0.015899	0.009622	-0.004656	0.013309	-0.017497
	-0.008485	0.029420	0.010127	0.029192	0.005807	0.046824
	0.003433	0.009687	0.015412	0.008918	0.014393	-0.020285
	-0.016587					
x55	0.025106	-0.025976	0.061590	0.027703	0.019358	0.002600
	0.032306	-0.026223	0.020745	-0.007053	0.033010	0.002319
	0.067130	-0.025840	-0.018052	0.034599	0.011026	0.013481
	0.016065	-0.027635	0.011123	-0.017873	-0.019973	-0.017483
	0.024986	0.008219	0.016186	-0.000237	-0.008451	0.032346
	0.010320					
y55	0.061221	0.013942	0.001969	0.010513	0.033315	-0.006042
	0.005791	0.000413	0.007726	0.000472	0.022138	0.012977
	-0.000942	0.019886	-0.041041	-0.026804	-0.006055	-0.016077
	-0.019124	0.070893	0.055499	0.031636	0.014210	0.061926
	-0.048875	0.061581	0.041237	-0.012984	0.001672	0.016582
	-0.029406					

z55	0.019224	0.034635	-0.005120	0.010806	0.021346	-0.016408
	0.006091	0.000884	0.036981	0.001085	0.009567	-0.016172
	0.009114	-0.007471	0.014479	-0.003146	0.018292	-0.020261
	-0.000600	0.029644	-0.001109	0.029481	0.001823	0.030922
	0.009651	-0.003971	0.005680	0.015615	0.013021	-0.020148
	0.009799					
x56	-0.021056	0.061064	0.006022	-0.006758	-0.011487	-0.014234
	0.018295	0.057368	-0.005449	0.047636	-0.017403	0.017551
	-0.006766	0.044709	0.011848	-0.022721	0.028548	0.009448
	-0.018699	0.015007	-0.019871	-0.002264	0.031288	-0.045053
	-0.016882	-0.029952	0.027937	-0.047597	-0.028169	-0.067387
	-0.049306					
y56	0.000721	-0.017191	0.019469	0.045401	-0.031871	0.006703
	-0.034838	-0.003991	-0.018383	0.015149	-0.023253	-0.018928
	-0.016151	0.026495	0.021337	0.017903	-0.001690	-0.006024
	0.012289	-0.012274	-0.009167	0.002496	-0.016037	-0.019137
	0.053155	0.001659	0.011984	-0.009175	0.031039	0.006089
	-0.038960					
z56	-0.064457	0.012069	0.026792	-0.014638	0.025641	0.004862
	-0.009219	-0.028619	-0.000046	0.005207	0.007826	-0.026802
	-0.005997	-0.004853	0.022635	-0.007385	-0.015974	-0.013973
	0.048658	0.032527	-0.005900	-0.003294	-0.023147	-0.011982
	-0.011807	-0.067992	0.002644	0.003333	0.001040	0.036254
	-0.020035					
x57	-0.015270	0.066507	0.002306	-0.002331	-0.018301	-0.008910
	0.017506	0.047501	-0.003807	0.038117	-0.018607	0.019274
	-0.004298	0.055119	0.009171	-0.042672	0.046630	0.012982
	-0.016900	0.021584	-0.019965	-0.012107	0.024497	-0.043686
	-0.036061	-0.029908	0.014905	-0.040593	-0.021291	-0.065148
	-0.026677					
y57	0.000757	-0.014969	0.024698	0.043950	-0.035414	0.001440
	-0.030958	-0.001993	-0.024840	0.010827	-0.037050	-0.028924
	-0.007132	0.018801	0.018169	0.008111	0.014154	-0.012115
	0.017829	-0.002571	0.015644	0.008859	-0.010188	-0.019957
	0.052320	0.002570	0.014082	-0.022139	0.029479	-0.009382
	-0.009576					
z57	-0.063332	0.016860	0.027527	-0.013314	0.019817	0.002262
	-0.010151	-0.022263	-0.000259	0.012881	0.008511	-0.035198
	-0.005393	-0.008536	0.030989	-0.012185	0.003965	-0.022399
	0.024840	0.025633	0.016210	0.019525	-0.010006	-0.032457
	-0.008108	-0.085687	0.004801	-0.003316	-0.012732	0.034338
	-0.036987					

x58	-0.010172	0.067128	-0.004018	0.004543	-0.022804	-0.004090
	0.015750	0.035865	-0.000241	0.025878	-0.016044	0.018631
	0.002788	0.068893	0.005575	-0.063583	0.058403	0.018997
	-0.011003	0.025783	-0.027894	-0.021704	0.013026	-0.028165
	-0.067248	-0.029121	-0.006282	-0.034100	-0.001954	-0.055051
	-0.013087					
y58	0.001004	-0.013489	0.026692	0.042796	-0.034739	-0.001397
	-0.032941	-0.001333	-0.034454	0.007265	-0.046770	-0.036975
	-0.005707	0.008527	0.016263	0.000124	0.021446	-0.013497
	0.023843	0.000790	0.018566	0.014107	-0.004561	-0.014522
	0.048220	0.003169	0.012998	-0.029764	0.031787	-0.014506
	-0.009109					
z58	-0.057928	0.028736	0.026619	-0.010795	0.015410	0.003357
	-0.008374	-0.018710	-0.006058	0.018908	0.018479	-0.036546
	-0.010140	-0.018198	0.028484	-0.010395	0.016744	-0.038036
	0.009773	0.020519	0.026343	0.026199	-0.008563	-0.055802
	0.000886	-0.091101	0.019117	-0.009405	-0.009928	0.025580
	-0.037015					
x59	-0.007221	0.066301	-0.008865	0.009473	-0.027150	-0.002694
	0.015415	0.025533	-0.000770	0.013057	-0.012396	0.018338
	0.004680	0.080506	0.001761	-0.079057	0.067265	0.019650
	-0.007344	0.026239	-0.028717	-0.018805	0.004269	-0.029160
	-0.085728	-0.029565	-0.019585	-0.031731	0.005062	-0.047105
	0.008478					
y59	0.001950	-0.012483	0.024226	0.043487	-0.029909	-0.000808
	-0.034951	-0.002734	-0.039196	0.003318	-0.044382	-0.039325
	-0.008052	0.000966	0.008274	0.002925	0.010759	-0.005263
	0.030327	-0.005586	-0.010709	0.014650	-0.011008	0.002343
	0.042347	0.003371	0.019910	-0.026357	0.040422	-0.015077
	-0.022208					
z59	-0.052164	0.036541	0.026997	-0.011260	0.015471	0.005045
	-0.007224	-0.010743	-0.007671	0.026281	0.023266	-0.035637
	-0.009055	-0.024680	0.024945	-0.004711	0.016356	-0.043371
	0.003715	0.022584	0.032347	0.011591	-0.009093	-0.049523
	0.001443	-0.087133	0.022650	-0.010327	0.001562	0.019717
	-0.051548					
x60	-0.005377	0.065957	-0.012597	0.013328	-0.027062	-0.001398
	0.015572	0.017397	-0.000195	0.006561	-0.005837	0.013345
	0.004446	0.083908	-0.004009	-0.085508	0.071366	0.014829
	-0.001307	0.026797	-0.042156	-0.013979	-0.008364	-0.028859
	-0.100529	-0.035178	-0.023205	-0.025258	0.016560	-0.039179
	0.005699					

y60	0.001720	-0.011624	0.024544	0.040501	-0.030130	-0.004402
	-0.032350	-0.001172	-0.037920	-0.002303	-0.042949	-0.038112
	-0.005811	0.001897	-0.000371	0.001299	0.008774	0.002951
	0.035557	-0.002840	-0.021314	0.016325	-0.013405	0.011880
	0.038352	0.006124	0.027032	-0.025796	0.043363	-0.021902
	-0.017452					
z60	-0.047473	0.040973	0.026643	-0.011715	0.012937	0.006791
	-0.006247	-0.004174	-0.010491	0.028034	0.025205	-0.031822
	-0.006509	-0.024756	0.021586	-0.002821	0.015131	-0.042513
	-0.001304	0.022119	0.040297	-0.004299	-0.007851	-0.041648
	0.000572	-0.080133	0.021869	-0.009884	0.003489	0.016560
	-0.049389					
x61	-0.004406	0.064369	-0.012613	0.017466	-0.023309	-0.000650
	0.018155	0.011778	0.000993	0.007215	-0.003584	0.001933
	0.008497	0.062124	-0.006873	-0.092057	0.070777	-0.004817
	-0.004364	0.031494	-0.039340	-0.022212	-0.019167	-0.042229
	-0.089964	-0.039473	-0.000625	-0.007183	0.025117	-0.036364
	0.014130					
y61	0.002073	-0.010944	0.024475	0.038563	-0.029646	-0.006532
	-0.030512	-0.000309	-0.034536	-0.006503	-0.038860	-0.036077
	-0.003679	0.005284	-0.008417	0.002110	0.007010	0.008081
	0.038329	-0.001296	-0.034851	0.016645	-0.019893	0.020993
	0.033681	0.011951	0.032095	-0.024152	0.045629	-0.027781
	-0.016314					
z61	-0.042258	0.044616	0.024400	-0.010806	0.011526	0.012230
	-0.005147	-0.000674	-0.012798	0.026701	0.025496	-0.025614
	-0.000923	-0.021058	0.018247	-0.006322	0.014737	-0.039809
	-0.006462	0.020219	0.040315	-0.020586	-0.010027	-0.040108
	-0.003265	-0.069076	0.023582	-0.003768	0.005243	0.018572
	-0.038375					
x62	-0.009223	0.057185	-0.010338	0.017929	-0.018335	-0.001607
	0.020708	0.005715	-0.007013	0.005169	0.007776	-0.006197
	0.003200	0.029063	-0.019769	-0.077688	0.069822	-0.015731
	-0.003578	0.033826	-0.031840	-0.030953	-0.046596	-0.043715
	-0.076015	-0.021660	0.036587	0.009468	0.036571	-0.019628
	0.017421					
y62	0.003272	-0.009762	0.024022	0.035669	-0.028006	-0.007656
	-0.029207	-0.000481	-0.029679	-0.009209	-0.037835	-0.035857
	-0.002268	0.010582	-0.013488	0.001340	0.009964	0.004525
	0.034388	0.001738	-0.042641	0.015158	-0.027341	0.021558
	0.023570	0.014870	0.030295	-0.019204	0.045153	-0.032120
	-0.013348					

z62	-0.038850	0.047762	0.020564	-0.009947	0.008128	0.016796
	-0.005323	0.002453	-0.017289	0.022432	0.025452	-0.014459
	0.001828	-0.011744	0.013370	-0.005151	0.014190	-0.030903
	-0.007115	0.013109	0.041053	-0.034731	-0.011285	-0.034786
	-0.006764	-0.053021	0.019890	-0.001624	0.006322	0.012837
	-0.024015					
x63	-0.018148	0.044802	-0.005862	0.014235	-0.014536	-0.008198
	0.020149	0.003761	-0.004858	0.003695	0.017329	-0.005939
	0.001130	0.008885	-0.018410	-0.048022	0.053859	0.000231
	0.000305	0.033510	-0.002972	-0.013872	-0.068428	-0.004525
	-0.036750	0.003852	0.040441	-0.005760	0.038958	0.002176
	0.021375					
y63	0.004799	-0.008991	0.022685	0.034723	-0.026721	-0.006742
	-0.031550	-0.001271	-0.026797	-0.010309	-0.036320	-0.034287
	-0.004445	0.014169	-0.018056	0.001859	0.012650	-0.000515
	0.031077	0.002016	-0.049387	0.009607	-0.030426	0.018108
	0.019960	0.013333	0.030445	-0.015110	0.041944	-0.033219
	-0.011779					
z63	-0.038089	0.047297	0.018595	-0.010457	0.005031	0.013935
	-0.003912	0.006854	-0.021004	0.019317	0.024706	-0.006060
	0.004907	-0.002363	0.009436	0.009755	0.008264	-0.018398
	-0.007337	0.001488	0.037075	-0.043489	-0.014138	-0.024668
	-0.006653	-0.031980	0.011635	-0.000530	-0.001454	0.007882
	-0.016579					
x64	-0.026718	0.027986	-0.002298	0.006566	-0.009464	-0.024491
	0.027145	0.011694	-0.003945	0.001084	0.023014	-0.015572
	-0.003287	0.003559	-0.018994	-0.037050	0.032412	0.017630
	0.011117	0.017853	-0.017239	-0.012483	-0.084623	0.010825
	-0.020555	0.020923	0.027278	-0.025184	0.034867	0.013562
	0.007487					
y64	0.004980	-0.008476	0.021534	0.031085	-0.024054	-0.004499
	-0.030823	-0.002355	-0.024764	-0.012151	-0.034375	-0.032741
	-0.009654	0.018869	-0.027237	0.001544	0.011184	-0.003552
	0.028568	0.003570	-0.053048	0.000565	-0.035448	0.013867
	0.006178	0.004157	0.032972	-0.004259	0.042720	-0.032679
	-0.014019					
z64	-0.041934	0.043477	0.015144	-0.009916	0.005754	0.004355
	0.000073	0.011578	-0.021759	0.019697	0.025150	0.004299
	0.004606	-0.000311	0.010521	0.026149	-0.006130	-0.002597
	-0.009261	-0.009828	0.036859	-0.051490	-0.013905	-0.013763
	-0.012274	-0.009417	0.005124	-0.013692	-0.011175	-0.001024
	-0.021647					

x65	-0.030944	0.017372	0.001528	0.006054	-0.008396	-0.029069
	0.028252	-0.004543	0.009356	-0.013250	0.017497	-0.028260
	-0.010859	0.003925	-0.024792	-0.045778	0.022827	0.006652
	0.024820	0.021691	-0.011223	-0.000672	-0.084497	0.002923
	-0.007432	0.007332	0.038118	-0.005775	0.039427	0.015156
	0.030473					
y65	0.007823	-0.007337	0.019072	0.030640	-0.021370	-0.001532
	-0.035532	-0.002957	-0.020540	-0.009576	-0.033070	-0.025328
	-0.019708	0.022240	-0.027506	-0.003165	0.005621	-0.007617
	0.020866	0.012402	-0.057246	-0.004553	-0.035710	-0.002553
	0.009795	0.002843	0.018959	0.006124	0.039540	-0.029721
	-0.028536					
z65	-0.041773	0.044629	0.010865	-0.009314	0.002188	0.006894
	0.000363	0.012736	-0.021449	0.016810	0.022600	0.012453
	0.014367	0.004127	0.010336	0.029553	-0.010699	0.005976
	-0.013512	-0.017910	0.041568	-0.057782	-0.011811	-0.000629
	-0.012357	0.000634	0.004000	-0.019038	-0.014332	-0.001326
	-0.011787					
x66	-0.029606	0.009632	-0.000288	0.009075	-0.011712	-0.029773
	0.031998	-0.010038	0.013255	-0.006645	0.025712	-0.022702
	-0.007255	0.005201	-0.020969	-0.046011	0.002032	0.006061
	0.028952	0.034459	-0.010539	0.006893	-0.045407	0.017083
	-0.017438	0.014398	0.017503	-0.014182	0.030060	0.015824
	0.009135					
y66	0.009136	-0.005985	0.020006	0.031173	-0.020914	-0.003331
	-0.038416	-0.002784	-0.017633	-0.012217	-0.036203	-0.017785
	-0.018603	0.022166	-0.025875	-0.006494	-0.002715	-0.001144
	0.026668	0.017469	-0.051099	-0.001421	-0.031249	0.006406
	0.018068	-0.010553	0.011987	0.010154	0.041442	-0.015005
	-0.046171					
z66	-0.040219	0.047937	0.014138	-0.013470	0.005403	0.005090
	-0.001015	0.014786	-0.010190	0.008278	0.019932	0.006649
	0.001371	0.014201	-0.003715	0.024245	0.004707	0.008807
	-0.018678	-0.018481	0.030788	-0.069925	-0.033878	-0.011776
	-0.004236	-0.016671	0.000958	-0.021306	0.017591	0.004529
	0.007105					
x67	-0.029694	0.003136	-0.000955	0.012014	-0.016538	-0.031637
	0.035181	-0.012022	0.017881	-0.006282	0.027292	-0.020022
	-0.004282	0.009250	-0.018317	-0.045817	-0.008437	0.006544
	0.031142	0.036484	-0.005890	0.017312	-0.027838	0.021245
	-0.016560	0.014518	0.008042	-0.018831	0.018401	0.015510
	0.008862					

y67	0.009170	-0.004819	0.020952	0.028152	-0.021314	-0.004834
	-0.039513	-0.002337	-0.014649	-0.017692	-0.036295	-0.014549
	-0.016315	0.025258	-0.030948	-0.008556	-0.003688	0.001162
	0.028110	0.019521	-0.049886	0.000036	-0.029430	0.006654
	0.019922	-0.025041	0.006683	0.009946	0.049790	-0.001945
	-0.059609					
z67	-0.038763	0.046885	0.016510	-0.014511	0.009080	0.005070
	-0.001765	0.007183	-0.003983	0.003772	0.019274	0.001855
	-0.003218	0.018970	-0.008284	0.017829	0.002629	0.005990
	-0.014143	-0.012824	0.025738	-0.074830	-0.036077	-0.007355
	-0.011126	-0.015061	-0.006712	-0.010019	0.035016	0.004101
	0.010800					
x68	-0.030562	-0.000423	-0.000843	0.013929	-0.018314	-0.034338
	0.036620	-0.011881	0.018502	-0.008402	0.027426	-0.021371
	-0.003046	0.013365	-0.013145	-0.046641	-0.012931	0.004893
	0.031540	0.038533	-0.002329	0.025974	-0.018323	0.023736
	-0.014987	0.012888	0.000203	-0.021660	0.012392	0.009086
	0.003494					
y68	0.009319	-0.003558	0.021634	0.024714	-0.020757	-0.005248
	-0.039660	-0.002013	-0.012687	-0.022145	-0.035536	-0.010944
	-0.014035	0.025055	-0.036332	-0.011855	-0.002386	0.003905
	0.026160	0.020184	-0.048376	-0.000449	-0.030102	0.010629
	0.020250	-0.035795	0.002736	0.013047	0.051495	0.000534
	-0.067816					
z68	-0.037341	0.043942	0.017468	-0.014950	0.010126	0.005669
	-0.000988	-0.000591	0.002592	0.000463	0.019599	0.000587
	-0.005997	0.020953	-0.013665	0.014133	-0.003039	0.005655
	-0.008338	-0.010102	0.023322	-0.078643	-0.034434	-0.001261
	-0.013000	-0.011315	-0.011482	-0.001896	0.044162	0.008854
	0.020225					
x69	-0.030703	-0.003557	-0.001582	0.015986	-0.020144	-0.034233
	0.035496	-0.013007	0.017251	-0.008332	0.027575	-0.024106
	-0.008544	0.009972	-0.012929	-0.049827	-0.019903	0.000729
	0.036375	0.037581	-0.004557	0.028348	-0.010079	0.024200
	-0.011663	0.006621	0.004140	-0.022467	0.004051	0.007656
	-0.009447					
y69	0.009272	-0.002375	0.022031	0.021573	-0.019057	-0.004159
	-0.039242	-0.002469	-0.011868	-0.026237	-0.034324	-0.007393
	-0.010783	0.023655	-0.039903	-0.013473	0.000557	0.007793
	0.021062	0.020238	-0.046024	-0.001675	-0.032477	0.016265
	0.020550	-0.042922	0.000078	0.013480	0.051784	-0.001530
	-0.072515					

z69	-0.036205	0.040960	0.018459	-0.014928	0.010163	0.005447
	0.000574	-0.007421	0.008200	-0.003004	0.019697	0.000074
	-0.006571	0.024283	-0.016821	0.011062	-0.006852	0.005981
	-0.003231	-0.007200	0.021033	-0.080649	-0.031248	0.006176
	-0.014358	-0.006000	-0.017479	0.005128	0.050129	0.011400
	0.029626					
x70	-0.031107	-0.006657	-0.002406	0.016857	-0.021431	-0.034637
	0.034549	-0.014941	0.016419	-0.007837	0.025211	-0.025703
	-0.012439	0.006299	-0.011872	-0.054441	-0.020012	-0.001277
	0.039878	0.039116	-0.006470	0.034424	-0.003940	0.018279
	-0.007499	0.005985	0.008056	-0.018784	-0.001161	0.005305
	-0.018769					
y70	0.009091	-0.001205	0.021960	0.018834	-0.017089	-0.001974
	-0.038913	-0.003342	-0.011626	-0.029866	-0.033025	-0.005049
	-0.007571	0.020565	-0.042495	-0.015092	0.004824	0.012025
	0.013960	0.019121	-0.043512	-0.004242	-0.034950	0.022940
	0.020880	-0.046870	-0.000264	0.011907	0.048509	-0.008112
	-0.073233					
z70	-0.034494	0.038883	0.019345	-0.013157	0.008616	0.006211
	0.002298	-0.011754	0.015123	-0.006154	0.019202	-0.000323
	-0.010044	0.025119	-0.017570	0.006904	-0.009847	0.004841
	0.002664	-0.006713	0.015885	-0.077122	-0.027726	0.009437
	-0.013690	-0.000795	-0.015289	0.008191	0.045658	0.009183
	0.032335					
x71	-0.031056	-0.009349	-0.004791	0.017339	-0.022729	-0.035500
	0.032487	-0.017014	0.013484	-0.006184	0.022164	-0.026900
	-0.010301	0.002384	-0.005105	-0.050542	-0.021257	0.000539
	0.037311	0.041701	-0.006937	0.037014	0.001714	0.016800
	-0.006190	0.005519	0.008975	-0.011746	-0.013310	0.003216
	-0.028955					
y71	0.008722	-0.000017	0.021319	0.015985	-0.015087	0.000397
	-0.038865	-0.004352	-0.011284	-0.033399	-0.031362	-0.003428
	-0.005524	0.016633	-0.044666	-0.017279	0.011189	0.016999
	0.006050	0.017166	-0.041145	-0.008131	-0.037713	0.030583
	0.021368	-0.046581	0.000252	0.008884	0.042595	-0.018819
	-0.070518					
z71	-0.032034	0.038027	0.020084	-0.009473	0.004896	0.007930
	0.004362	-0.013694	0.024477	-0.008336	0.017879	-0.000215
	-0.017556	0.022933	-0.014617	0.000994	-0.011746	0.001439
	0.009656	-0.009019	0.006731	-0.066489	-0.023560	0.006801
	-0.010777	0.004142	-0.004360	0.006345	0.029108	0.001728
	0.026055					

x72	-0.031092	-0.010265	-0.008658	0.016043	-0.022650	-0.035837
	0.029187	-0.019302	0.003577	-0.006166	0.021224	-0.028191
	-0.003441	-0.001844	0.001037	-0.040165	-0.023823	-0.001426
	0.023162	0.041867	0.000295	0.026771	0.003622	0.019216
	-0.005048	-0.009695	0.008769	-0.004990	-0.015094	0.014740
	-0.034009					
y72	0.008136	0.001067	0.019542	0.012792	-0.013158	0.003063
	-0.039052	-0.005597	-0.010574	-0.036557	-0.028634	-0.001787
	-0.004087	0.012072	-0.044413	-0.020213	0.020756	0.023133
	-0.003939	0.015519	-0.036648	-0.014496	-0.039733	0.040244
	0.020270	-0.040992	0.002146	0.005612	0.032836	-0.035964
	-0.065103					
z72	-0.030007	0.037474	0.020473	-0.005265	0.000272	0.011209
	0.007193	-0.017484	0.034138	-0.012242	0.018338	0.000125
	-0.026569	0.018068	-0.009313	-0.005982	-0.016484	-0.006285
	0.015284	-0.012055	-0.001225	-0.054700	-0.018093	0.006882
	-0.005779	0.002984	0.010186	-0.000000	0.014159	-0.003473
	0.018331					
x73	-0.030952	-0.010040	-0.013982	0.013517	-0.019010	-0.039225
	0.026855	-0.018543	-0.012567	-0.003922	0.019319	-0.030845
	0.009654	0.001356	0.003576	-0.023415	-0.019192	-0.003028
	0.009229	0.039110	0.008577	0.011760	-0.000271	0.024108
	-0.012608	-0.023454	-0.005626	0.013119	-0.006800	0.027286
	-0.031664					
y73	0.007289	0.001895	0.016684	0.009866	-0.010912	0.007353
	-0.039198	-0.007613	-0.009984	-0.038888	-0.024214	0.000104
	-0.002235	0.005838	-0.040990	-0.024197	0.032586	0.029531
	-0.019163	0.014182	-0.029813	-0.024430	-0.039724	0.050666
	0.017973	-0.033011	0.007492	0.000953	0.018666	-0.060124
	-0.055709					
z73	-0.029519	0.035398	0.020052	-0.000849	-0.003660	0.012275
	0.012294	-0.020257	0.041992	-0.015292	0.019870	-0.001200
	-0.034177	0.018282	-0.005703	-0.011887	-0.017199	-0.013321
	0.029877	-0.015763	-0.012753	-0.036243	-0.012961	0.009960
	-0.005711	0.005509	0.013727	-0.002339	0.005874	-0.013214
	0.012770					
x74	-0.028018	-0.008279	-0.017903	0.009163	-0.013955	-0.043020
	0.025284	-0.016523	-0.026679	-0.006166	0.014799	-0.035759
	0.022757	0.006458	0.001950	-0.007652	-0.010958	-0.004837
	-0.004704	0.035776	0.021796	-0.006770	-0.002473	0.024351
	-0.015675	-0.033913	-0.012726	0.029475	0.003923	0.029595
	-0.012839					

y74	0.006686	0.001207	0.015893	0.010312	-0.002717	0.017823
	-0.035791	-0.012393	-0.011743	-0.037795	-0.021035	0.000847
	0.005504	-0.006970	-0.037445	-0.031614	0.042291	0.030052
	-0.039651	0.009854	-0.031938	-0.031567	-0.046388	0.047143
	0.018518	-0.020008	0.021364	0.003239	-0.002640	-0.088756
	-0.035494					
z74	-0.026590	0.032755	0.017275	-0.001157	-0.008495	0.009294
	0.019434	-0.022726	0.042482	-0.024259	0.017343	-0.009259
	-0.031738	0.023720	-0.007715	-0.013127	-0.016874	-0.018674
	0.040619	-0.010262	-0.002275	-0.032476	0.000228	0.008294
	-0.004784	0.003165	0.024321	0.005155	0.012976	-0.026554
	0.035470					
x75	-0.022173	0.028878	-0.003989	0.006728	-0.010087	0.065582
	-0.003784	-0.005631	-0.013702	0.014061	-0.050084	0.022374
	-0.007004	0.027110	-0.056994	0.063777	0.017470	-0.009520
	-0.033251	0.022814	0.017036	0.012665	0.006367	0.008699
	0.051144	0.006218	-0.001530	0.043993	0.012789	-0.009939
	-0.019340					
y75	-0.025711	0.019198	-0.018724	0.000982	0.022669	-0.043642
	-0.015854	0.006730	0.026156	0.040695	-0.026869	0.077453
	0.003217	-0.005923	0.027725	0.000117	0.029615	-0.024613
	-0.014290	-0.019654	-0.008136	0.025275	0.006102	0.011525
	0.029593	-0.023839	0.007120	-0.014303	-0.008079	0.063740
	0.006796					
z75	0.000733	0.008286	0.019579	-0.001665	0.014902	-0.016022
	-0.037338	-0.020561	-0.016690	0.033387	0.001361	-0.030217
	0.009436	-0.059179	0.019327	-0.005124	-0.009093	0.001991
	-0.014199	0.006951	0.007309	0.037372	-0.028453	0.039485
	0.012351	-0.018816	0.019582	-0.018948	0.027640	0.031075
	0.023446					
x76	-0.022078	0.026102	-0.003481	0.008178	-0.007564	0.068225
	-0.002987	-0.008475	-0.011133	0.025305	-0.049916	0.017220
	-0.011319	0.029765	-0.068686	0.059763	0.015210	-0.006032
	-0.037333	0.014374	0.015891	0.015833	0.000252	0.018013
	0.027707	-0.016534	-0.001011	0.037618	0.009272	0.011826
	-0.011758					
y76	-0.025663	0.022837	-0.017362	0.005630	0.016805	-0.049136
	-0.012963	0.006664	0.022052	0.039722	-0.025895	0.082417
	0.005123	-0.001486	0.031808	-0.012204	0.039562	-0.022294
	-0.021852	-0.025885	-0.009424	0.000312	0.008899	0.007902
	0.014418	-0.022237	0.005263	-0.008484	0.000526	0.048792
	-0.001485					

z76	0.005334	0.008507	0.023207	0.003671	0.014358	-0.020860
	-0.033916	-0.020969	-0.015395	0.038080	-0.000833	-0.035905
	0.004703	-0.056159	0.017969	-0.006634	-0.020740	0.008145
	-0.006433	0.017666	0.008479	0.062654	-0.033769	0.040712
	0.015943	-0.034089	0.005350	-0.023070	0.035171	0.035316
	0.024250					
x77	-0.021876	0.021400	-0.004021	0.009219	-0.004652	0.070354
	-0.004166	-0.012051	-0.005687	0.033293	-0.045691	0.012364
	-0.013077	0.029909	-0.072933	0.061848	0.011666	0.003066
	-0.038102	0.005694	0.015439	0.017754	-0.001995	0.022329
	0.018344	-0.031404	0.005991	0.030864	0.003723	0.023975
	-0.000284					
y77	-0.025983	0.026779	-0.016788	0.007586	0.009236	-0.056666
	-0.008246	0.006228	0.015932	0.036864	-0.024737	0.081304
	0.005601	0.002160	0.036457	-0.027266	0.050810	-0.023006
	-0.029668	-0.032812	-0.004222	-0.026238	0.012215	0.000189
	-0.012640	-0.026112	0.000852	-0.008449	0.009256	0.042107
	-0.009786					
z77	0.006374	0.006393	0.024531	0.009216	0.013702	-0.020643
	-0.031275	-0.016709	-0.011482	0.045088	0.003689	-0.040280
	0.001399	-0.051455	0.013851	0.008837	-0.036361	0.020867
	-0.002442	0.028985	0.009052	0.070624	-0.038878	0.044033
	0.033432	-0.013585	0.007573	-0.020120	0.037485	0.025932
	0.018501					
x78	-0.020522	0.017829	-0.005566	0.010344	-0.001491	0.069752
	-0.006107	-0.015440	-0.000798	0.037161	-0.042135	0.009780
	-0.014055	0.027335	-0.075048	0.059837	0.010580	0.013945
	-0.036012	0.001681	0.014189	0.019536	0.000231	0.023887
	0.007919	-0.039192	0.013461	0.023897	0.002645	0.028481
	0.004505					
y78	-0.026980	0.028254	-0.017247	0.008482	0.003015	-0.061066
	-0.001938	0.005896	0.012615	0.037341	-0.022443	0.078618
	0.006764	0.007093	0.041641	-0.032210	0.054958	-0.024804
	-0.036725	-0.037386	0.002017	-0.044308	0.007290	-0.005891
	-0.035294	-0.036624	-0.005431	-0.009659	0.023131	0.036140
	-0.022147					
z78	0.008314	0.006599	0.025285	0.014150	0.012524	-0.023443
	-0.033180	-0.013085	-0.012470	0.043368	0.006498	-0.043566
	-0.002793	-0.049558	0.006623	0.010785	-0.041102	0.033050
	-0.002247	0.034418	0.006067	0.068907	-0.029800	0.047320
	0.045146	0.012677	0.009877	-0.013761	0.030049	0.017841
	0.024744					

x79	-0.018837	0.015620	-0.007099	0.011583	0.001440	0.067287
	-0.008106	-0.017367	0.002899	0.039759	-0.040426	0.008924
	-0.013431	0.024844	-0.076686	0.056380	0.011982	0.023774
	-0.032314	0.000750	0.013859	0.020018	0.001833	0.026866
	-0.004835	-0.043815	0.016686	0.018868	-0.001121	0.029463
	-0.000953					
y79	-0.026966	0.026560	-0.017568	0.011217	0.000300	-0.060622
	-0.000583	0.005797	0.015494	0.038292	-0.019681	0.072306
	0.000459	0.006239	0.046088	-0.037299	0.052655	-0.020267
	-0.045249	-0.037473	0.004438	-0.051423	0.002597	-0.008048
	-0.039267	-0.029564	0.003167	-0.004554	0.035320	0.035614
	-0.016090					
z79	0.009248	0.007966	0.025553	0.016692	0.009062	-0.027910
	-0.032891	-0.009636	-0.017322	0.041564	0.008324	-0.042646
	0.000777	-0.043665	0.001330	0.015434	-0.044650	0.038542
	0.001528	0.034117	0.008104	0.060595	-0.022018	0.044681
	0.046874	0.020759	0.002332	-0.018973	0.020831	0.009869
	0.017679					
x80	-0.017669	0.013971	-0.008586	0.012547	0.005037	0.063536
	-0.010126	-0.018904	0.006086	0.039420	-0.039421	0.009273
	-0.013824	0.022936	-0.076237	0.050830	0.014265	0.030283
	-0.031154	-0.001089	0.013767	0.019290	0.001406	0.030623
	-0.013626	-0.046318	0.015650	0.020654	-0.000418	0.027205
	-0.003991					
y80	-0.028437	0.023470	-0.017069	0.011463	0.002730	-0.060400
	-0.001483	0.002165	0.022415	0.033603	-0.015408	0.065199
	-0.013829	-0.008071	0.040354	-0.032146	0.037013	0.001040
	-0.037154	-0.033076	0.012704	-0.047926	-0.009871	0.002855
	-0.025368	-0.009419	0.015880	-0.022821	0.041423	0.032800
	-0.009795					
z80	0.010223	0.009574	0.024264	0.019490	0.003362	-0.032611
	-0.031936	-0.006673	-0.022639	0.041038	0.006774	-0.040751
	0.005656	-0.036999	-0.000787	0.015113	-0.043073	0.034669
	-0.003323	0.030117	0.008088	0.048083	-0.011715	0.033938
	0.038172	0.017925	0.000166	-0.013474	0.013814	0.003131
	0.012753					
x81	-0.017176	0.012717	-0.009486	0.012911	0.009006	0.059371
	-0.011075	-0.019255	0.008058	0.038564	-0.038426	0.009463
	-0.015701	0.021109	-0.074711	0.047910	0.014657	0.034120
	-0.029549	-0.002872	0.014200	0.017989	0.001666	0.032198
	-0.014334	-0.047173	0.013135	0.023593	-0.000198	0.023181
	-0.005893					

y81	-0.033344	0.018775	-0.015008	0.007392	0.006571	-0.063314
	-0.002301	0.003136	0.027059	0.025623	-0.007364	0.054631
	-0.025636	-0.024740	0.041130	-0.017169	0.025353	0.028552
	-0.023268	-0.026388	0.014387	-0.042011	-0.019884	0.017565
	-0.014518	0.020054	0.025030	-0.039513	0.029721	0.027429
	-0.004464					
z81	0.010364	0.009475	0.022433	0.023268	0.000293	-0.039182
	-0.031575	-0.005378	-0.026879	0.042907	0.003626	-0.037080
	0.008896	-0.033460	-0.001216	0.019343	-0.041574	0.031522
	-0.009318	0.023753	0.008984	0.037001	-0.003591	0.021535
	0.023203	0.015821	-0.003594	-0.008680	0.003684	-0.007850
	0.008288					
x82	-0.016459	0.011040	-0.010050	0.011963	0.013481	0.053919
	-0.011110	-0.017396	0.008653	0.039137	-0.036180	0.009558
	-0.017841	0.017578	-0.071624	0.048522	0.010766	0.038042
	-0.022871	-0.004635	0.015482	0.017959	0.006341	0.030514
	-0.008262	-0.044306	0.012647	0.022855	-0.000443	0.017683
	-0.010715					
y82	-0.038469	0.010335	-0.012238	0.001109	0.011801	-0.067649
	-0.003968	0.003522	0.028763	0.019881	0.002475	0.043858
	-0.026383	-0.034687	0.040746	0.006350	0.023111	0.051720
	-0.002330	-0.021404	0.012176	-0.028909	-0.019747	0.035270
	-0.001648	0.044568	0.023619	-0.032371	0.004018	0.040276
	-0.000424					
z82	0.010276	0.008795	0.020930	0.025746	-0.005116	-0.042970
	-0.031064	-0.004319	-0.028892	0.047528	0.004583	-0.033623
	0.014108	-0.025005	-0.001796	0.023650	-0.038380	0.025649
	-0.014458	0.019836	0.007718	0.028122	0.000569	0.013718
	0.014145	0.014892	-0.010840	-0.003811	-0.005986	-0.011060
	0.005369					
x83	-0.015330	0.009224	-0.010908	0.009206	0.018569	0.047535
	-0.010106	-0.013696	0.009636	0.039000	-0.030176	0.007338
	-0.020030	0.014613	-0.067193	0.050364	0.008056	0.041191
	-0.010295	-0.006316	0.016170	0.019436	0.011806	0.022526
	-0.005851	-0.038355	0.014731	0.019976	-0.000846	0.010947
	-0.019907					
y83	-0.042465	0.000928	-0.012682	-0.005625	0.012361	-0.069310
	-0.001936	0.002626	0.029390	0.017977	0.011159	0.033381
	-0.022146	-0.028953	0.033690	0.014558	0.023771	0.047476
	0.012329	-0.029579	-0.005062	-0.012695	-0.001541	0.046598
	0.003339	0.048548	0.021330	-0.011120	0.000699	0.052975
	-0.005420					

z83	0.011057	0.008497	0.019828	0.029046	-0.012733	-0.045196
	-0.030911	-0.000303	-0.030638	0.052166	0.005263	-0.033217
	0.020310	-0.012017	0.000139	0.021930	-0.034246	0.022840
	-0.021711	0.018107	0.003776	0.018386	0.007080	0.010753
	0.006960	0.014588	-0.015831	0.000380	-0.007875	-0.015311
	0.003470					
x84	-0.013326	0.008448	-0.013337	0.008193	0.023390	0.047122
	-0.014819	-0.017702	0.013717	0.033217	-0.024610	0.001654
	-0.018928	0.010834	-0.061106	0.047255	0.015732	0.038327
	-0.005794	-0.002748	0.014913	0.027294	0.016878	0.016895
	-0.010987	-0.030341	0.011182	0.028037	0.003787	0.006793
	-0.016766					
y84	-0.043873	-0.004404	-0.013452	-0.005046	0.016512	-0.062303
	0.000753	-0.011491	0.035038	0.008802	0.012941	0.024092
	-0.029789	-0.031019	0.028162	0.000270	0.017719	0.035366
	0.019318	-0.030375	-0.004787	-0.009791	-0.009080	0.053664
	0.000326	0.041409	0.033658	-0.013016	0.012928	0.055123
	0.006156					
z84	0.013106	0.009341	0.018462	0.032519	-0.020936	-0.048947
	-0.028024	0.004035	-0.033566	0.055703	0.006861	-0.031183
	0.025788	-0.002188	-0.003083	0.020142	-0.036666	0.023482
	-0.025478	0.013369	0.004832	0.008187	0.015275	0.005192
	0.006562	0.011747	-0.010868	0.004022	-0.015629	-0.016528
	-0.001673					
x85	-0.013413	0.006074	-0.015738	0.007842	0.024645	0.043415
	-0.016119	-0.020244	0.018779	0.032649	-0.024729	0.002670
	-0.020330	0.006281	-0.061166	0.042725	0.021627	0.037400
	-0.000330	-0.002130	0.018447	0.019095	0.020381	0.015973
	-0.017335	-0.019769	0.012839	0.027524	-0.011723	0.006369
	-0.012120					
y85	-0.048903	-0.006432	-0.016322	-0.004359	0.014228	-0.051651
	0.002822	-0.014683	0.034060	0.013177	0.012260	0.018970
	-0.018659	-0.026926	0.030151	-0.001863	0.011855	0.023635
	0.028042	-0.015362	0.005806	-0.013374	0.006349	0.036451
	0.002161	0.041456	0.031606	-0.003608	0.003722	0.049685
	0.008020					
z85	0.017274	0.009273	0.020680	0.036474	-0.023118	-0.055981
	-0.027561	0.006194	-0.034020	0.049555	0.012377	-0.034282
	0.024375	0.004676	-0.007944	0.014374	-0.026085	0.029178
	-0.031183	0.001270	-0.003968	0.011004	0.009384	0.010822
	-0.005343	0.005922	-0.012108	0.000577	-0.008901	-0.014761
	-0.004945					

x86	-0.013533	0.003738	-0.016614	0.007625	0.026854	0.037724
	-0.014253	-0.019202	0.021356	0.034991	-0.025254	0.005445
	-0.020858	0.003095	-0.059233	0.039455	0.016040	0.037163
	0.007428	-0.005226	0.019943	0.007154	0.021754	0.014734
	-0.019167	-0.010159	0.022403	0.025991	-0.023051	0.006156
	-0.012560					
y86	-0.051263	-0.007513	-0.018269	-0.004669	0.011154	-0.048102
	0.005989	-0.011012	0.031810	0.014639	0.014448	0.018253
	-0.011550	-0.016860	0.026451	-0.003044	0.013119	0.015468
	0.032348	-0.014003	0.007438	-0.010650	0.016708	0.028011
	0.000342	0.035095	0.023282	-0.001171	0.005072	0.047511
	0.008823					
z86	0.018958	0.008675	0.021869	0.040947	-0.024616	-0.055843
	-0.029019	0.000294	-0.033483	0.044582	0.012087	-0.040462
	0.023623	0.005468	-0.007833	0.009155	-0.024940	0.031527
	-0.034199	0.003013	-0.003950	0.007893	0.008235	0.013355
	-0.011424	0.008178	-0.009444	0.004646	-0.013478	-0.019183
	-0.005523					
x87	-0.013102	0.001279	-0.017091	0.008512	0.029207	0.033820
	-0.013600	-0.019940	0.023903	0.035731	-0.025633	0.006830
	-0.019205	0.000524	-0.056593	0.035773	0.013417	0.037940
	0.013006	-0.006775	0.019247	-0.002428	0.020248	0.012000
	-0.022241	-0.001374	0.030605	0.025052	-0.029673	0.005568
	-0.010938					
y87	-0.052352	-0.009291	-0.020112	-0.003894	0.008080	-0.046085
	0.008497	-0.007825	0.032510	0.014499	0.016173	0.019486
	-0.007504	-0.009878	0.024384	-0.003320	0.011570	0.011148
	0.034370	-0.016874	0.009130	-0.003975	0.024420	0.025483
	0.002501	0.029169	0.018125	0.002655	0.005488	0.045565
	0.015411					
z87	0.020262	0.008403	0.022498	0.043732	-0.026071	-0.054651
	-0.029814	-0.004624	-0.033596	0.041491	0.011844	-0.046442
	0.023654	0.006791	-0.008187	0.003572	-0.022585	0.030705
	-0.036652	0.007220	-0.004492	0.003409	0.009669	0.011810
	-0.019116	0.011022	-0.009023	0.006437	-0.017420	-0.022739
	-0.009934					
x88	-0.012019	-0.000994	-0.017177	0.009268	0.031137	0.031385
	-0.013007	-0.021861	0.025628	0.035342	-0.025382	0.007142
	-0.017156	-0.000927	-0.053671	0.032728	0.011593	0.040215
	0.019425	-0.006044	0.018087	-0.006902	0.018215	0.008879
	-0.026093	0.003294	0.038133	0.022469	-0.033923	0.004294
	-0.009140					

y88	-0.052430	-0.012099	-0.021805	-0.004806	0.006217	-0.043802
	0.011441	-0.006503	0.032553	0.009382	0.016546	0.018773
	-0.010030	-0.003858	0.020945	-0.008342	0.008649	0.008286
	0.034943	-0.020377	0.012998	0.002340	0.026253	0.025137
	0.004546	0.022295	0.012733	-0.003738	0.004367	0.046105
	0.017468					
z88	0.021419	0.008330	0.022557	0.046301	-0.028104	-0.053675
	-0.030227	-0.008886	-0.032479	0.040170	0.011967	-0.050394
	0.024224	0.006970	-0.008070	-0.002411	-0.020428	0.027328
	-0.039706	0.010805	-0.005572	-0.000415	0.012540	0.009883
	-0.025522	0.014930	-0.008537	0.009058	-0.021811	-0.025704
	-0.014680					
x89	-0.010254	-0.003117	-0.017100	0.009761	0.032663	0.029951
	-0.012005	-0.024335	0.027699	0.034256	-0.024936	0.008175
	-0.015177	-0.000313	-0.051033	0.031230	0.010904	0.043173
	0.026981	-0.005373	0.014830	-0.007203	0.015097	0.006019
	-0.030831	0.004917	0.045144	0.020936	-0.033128	0.001838
	-0.005956					
y89	-0.052760	-0.015072	-0.022352	-0.005979	0.004681	-0.040107
	0.012807	-0.005050	0.035046	0.004559	0.016109	0.021736
	-0.014264	0.000675	0.017720	-0.007520	0.008491	0.010242
	0.036325	-0.023576	0.014566	0.004407	0.031746	0.030037
	0.002823	0.021146	0.007792	0.001463	0.007263	0.037955
	0.026970					
z89	0.022244	0.007658	0.021662	0.048145	-0.031048	-0.052356
	-0.028746	-0.012190	-0.027946	0.037625	0.010369	-0.049609
	0.020708	0.008912	-0.006158	-0.006580	-0.020065	0.021784
	-0.041441	0.007112	-0.007603	-0.003652	0.014250	0.006253
	-0.030701	0.018670	-0.008959	0.010507	-0.025654	-0.021239
	-0.014577					
x90	-0.007999	-0.005252	-0.017009	0.009325	0.034040	0.028412
	-0.010722	-0.027699	0.030011	0.033136	-0.024832	0.009387
	-0.013109	0.002698	-0.048049	0.029307	0.011273	0.046370
	0.035230	-0.004474	0.010355	-0.003398	0.009728	0.001651
	-0.035734	0.004324	0.051706	0.018416	-0.026321	-0.001111
	-0.003467					
y90	-0.053253	-0.018697	-0.022836	-0.008680	0.005711	-0.036869
	0.012413	-0.004689	0.035801	0.001650	0.016390	0.022146
	-0.016117	0.005766	0.015935	-0.008510	0.007991	0.016057
	0.039126	-0.024899	0.018207	0.005282	0.036524	0.031286
	0.004409	0.023398	0.005506	-0.002269	0.017338	0.022072
	0.027827					

z90	0.022453	0.006143	0.019242	0.048831	-0.034854	-0.051416
	-0.025099	-0.014634	-0.019703	0.034097	0.006994	-0.045188
	0.012739	0.013474	-0.002354	-0.010508	-0.021549	0.014887
	-0.041357	-0.004613	-0.010228	-0.003175	0.010937	-0.001127
	-0.032994	0.022061	-0.008865	0.007509	-0.027800	-0.007217
	-0.009030					
x91	-0.005051	-0.006476	-0.016488	0.008575	0.035302	0.026383
	-0.009549	-0.032011	0.031966	0.032074	-0.025445	0.010035
	-0.009743	0.004982	-0.041284	0.027265	0.012268	0.048719
	0.041440	-0.001852	0.004996	0.005611	0.002540	-0.001799
	-0.038921	-0.001059	0.055571	0.016825	-0.013220	-0.002281
	-0.000069					
y91	-0.052883	-0.019537	-0.023333	-0.012308	0.010026	-0.034003
	0.009516	-0.005327	0.033909	0.001249	0.015822	0.020369
	-0.012433	0.004192	0.016555	-0.003375	0.010896	0.018860
	0.038017	-0.018073	0.024834	0.007037	0.045994	0.040131
	0.010793	0.017267	0.001964	0.001225	0.020597	0.002241
	0.026764					
z91	0.022573	0.005123	0.015461	0.048307	-0.039379	-0.049647
	-0.020063	-0.018739	-0.008613	0.030893	0.001747	-0.039023
	0.002325	0.013495	0.003689	-0.014760	-0.024224	0.005335
	-0.041660	-0.015835	-0.013518	0.003797	0.007351	-0.007618
	-0.033288	0.022295	-0.006715	0.004881	-0.037464	0.014403
	-0.000287					
x92	-0.001823	-0.006498	-0.014185	0.008983	0.035888	0.026040
	-0.008168	-0.035067	0.030272	0.028712	-0.023771	0.008342
	-0.003969	0.008026	-0.032677	0.027796	0.012740	0.053413
	0.046267	0.002326	0.000289	0.016753	-0.004043	-0.003182
	-0.039181	-0.011860	0.058912	0.013663	0.002767	-0.006903
	0.003640					
y92	-0.050421	-0.017437	-0.021604	-0.016287	0.018474	-0.030491
	0.004915	-0.003725	0.024614	-0.000490	0.018789	0.014799
	-0.004758	0.004822	0.008272	0.003973	0.022462	0.022344
	0.037641	-0.004733	0.033162	-0.003203	0.060727	0.050997
	0.013864	0.000936	0.000199	0.010070	0.023112	-0.038236
	0.017198					
z92	0.022550	0.004963	0.012747	0.045322	-0.042789	-0.046002
	-0.013777	-0.021807	-0.000805	0.025785	-0.001321	-0.033171
	-0.008966	0.011785	0.002521	-0.018428	-0.021032	-0.003499
	-0.039660	-0.023023	-0.017439	0.008316	0.006992	-0.012987
	-0.037335	0.015069	-0.004013	0.003014	-0.053168	0.023819
	0.003093					

x93	0.001059	-0.004958	-0.011633	0.010835	0.036331	0.028521
	-0.005216	-0.035549	0.025671	0.021905	-0.018852	0.004032
	0.003518	0.012873	-0.026760	0.033079	0.008874	0.061686
	0.053238	0.009448	-0.003330	0.029167	-0.010121	-0.002226
	-0.036489	-0.025816	0.066707	0.008482	0.022465	-0.014756
	0.010099					
y93	-0.044902	-0.013756	-0.020409	-0.018752	0.029067	-0.027388
	0.000546	-0.000208	0.016377	-0.003290	0.022498	0.008638
	0.004296	0.007295	-0.000644	0.007687	0.029416	0.027275
	0.039107	0.010827	0.038443	-0.014133	0.072358	0.058960
	0.017490	-0.009246	0.002482	0.014448	0.028960	-0.073331
	0.009652					
z93	0.025291	0.005473	0.009922	0.040042	-0.039346	-0.043271
	-0.009777	-0.022159	0.004495	0.017459	0.000862	-0.026031
	-0.013873	0.008571	-0.000441	-0.020690	-0.022529	-0.000268
	-0.030913	-0.015917	-0.016221	0.012443	0.015425	-0.012643
	-0.029931	0.011809	-0.002256	-0.004410	-0.053869	0.011266
	0.008201					
x94	0.008925	0.014847	0.001174	0.015791	-0.012043	0.029599
	-0.007683	0.027882	-0.021607	-0.022621	-0.025678	0.002250
	-0.001230	0.017321	0.037034	-0.026557	-0.071448	-0.008775
	0.011068	0.013060	0.052212	-0.015434	0.031259	-0.046034
	-0.009986	0.034475	0.022099	-0.004996	-0.021129	0.010377
	0.004764					
y94	0.007768	0.023001	-0.015296	0.000488	-0.024586	0.006824
	0.028535	-0.005479	0.028984	0.050922	-0.005397	0.012342
	0.005391	-0.030124	-0.005621	0.006370	-0.039751	0.001512
	0.025099	0.016467	0.003224	0.002291	0.024191	-0.005945
	-0.009101	-0.000485	-0.014703	-0.011681	0.046364	0.013147
	0.016435					
z94	0.026099	-0.063587	-0.012084	-0.026711	-0.006661	0.030462
	-0.036734	0.019079	0.000351	0.005774	0.025920	0.005760
	0.009703	0.019473	0.000032	-0.034926	-0.035154	-0.010273
	-0.018044	0.004679	-0.036316	0.028764	-0.005788	-0.027883
	-0.035225	0.049923	0.026408	0.033015	0.021218	0.007415
	-0.047266					
x95	0.011873	0.016527	0.004143	0.023283	-0.003441	0.026396
	-0.009196	0.022946	-0.017955	-0.033184	-0.019888	-0.004374
	0.005577	0.026804	0.038935	-0.032312	-0.073845	-0.002623
	0.025307	0.008240	0.062882	-0.010287	0.037664	-0.038104
	-0.027555	0.023233	0.025925	-0.013464	-0.000625	0.002946
	0.020679					

y95	0.003189	0.020685	-0.018461	0.001661	-0.033338	0.021207
	0.023414	-0.010630	0.023584	0.043663	-0.001657	0.006399
	0.000787	-0.029432	0.000086	-0.006395	-0.036593	-0.000787
	0.021315	0.003666	-0.002314	0.021558	0.008525	-0.005075
	-0.017089	0.015476	-0.001085	0.006723	0.052506	0.008611
	0.004076					
z95	0.025937	-0.065900	-0.010960	-0.025344	-0.008341	0.023723
	-0.023889	0.023140	0.000942	0.014158	0.029925	0.008061
	0.008047	0.034217	-0.007483	-0.028269	-0.031108	-0.011854
	-0.002192	-0.005889	-0.024120	0.027539	-0.020733	-0.006949
	-0.014400	0.024622	0.023123	0.046828	0.016610	-0.003764
	-0.061904					
x96	0.013408	0.014616	0.005456	0.027618	0.003511	0.022606
	-0.008747	0.019406	-0.012343	-0.038553	-0.012003	-0.011973
	0.012150	0.035298	0.041026	-0.034325	-0.073549	-0.001601
	0.034449	0.000604	0.067750	-0.001075	0.037418	-0.026798
	-0.041791	0.016062	0.026909	-0.012326	0.009958	-0.000351
	0.033981					
y96	0.002756	0.022213	-0.021737	0.001331	-0.035368	0.027915
	0.024121	-0.016241	0.021012	0.036621	-0.001883	-0.003194
	0.000467	-0.033477	0.002437	-0.010508	-0.029947	-0.003589
	0.019169	-0.002785	-0.006278	0.023712	0.005295	-0.003329
	-0.004349	0.012471	-0.000782	0.002254	0.053728	0.019824
	0.012738					
z96	0.031125	-0.065696	-0.009297	-0.023845	-0.007775	0.011600
	-0.006854	0.021382	-0.000950	0.023987	0.027515	0.008767
	0.012072	0.042670	-0.012453	-0.017993	-0.017633	-0.013860
	0.010765	-0.010650	-0.001791	0.007857	-0.015145	0.007391
	0.014967	-0.020610	0.007972	0.040111	0.006716	0.003263
	-0.049951					
x97	0.014654	0.011811	0.005515	0.030470	0.008707	0.018846
	-0.008237	0.016864	-0.007250	-0.039747	-0.007300	-0.016352
	0.019848	0.038616	0.044239	-0.033813	-0.073559	0.000000
	0.040665	-0.005312	0.068807	0.006554	0.037874	-0.017095
	-0.046082	0.010541	0.027058	-0.012222	0.011710	0.002102
	0.041227					
y97	0.009426	0.029375	-0.022197	-0.000084	-0.029636	0.025151
	0.023844	-0.017771	0.017972	0.028483	-0.007501	-0.000987
	-0.003533	-0.040479	0.005010	-0.012419	-0.027462	0.005131
	0.012963	-0.010931	-0.005995	0.014346	-0.002892	-0.008231
	0.015590	0.004706	-0.005978	-0.002104	0.044221	0.034047
	0.020768					

z97	0.038554	-0.065457	-0.006565	-0.022946	-0.004376	-0.000072
	0.002953	0.022184	-0.001130	0.031468	0.024255	0.012232
	0.011717	0.046619	-0.016291	-0.011314	-0.008139	-0.009202
	0.017657	-0.015580	0.014501	-0.012055	-0.012893	0.015139
	0.038468	-0.056444	-0.008847	0.031698	-0.001229	0.007748
	-0.037979					
x98	0.015363	0.009608	0.005215	0.032812	0.013001	0.015374
	-0.007552	0.014440	-0.005704	-0.039618	-0.003897	-0.016327
	0.026353	0.040521	0.046301	-0.032147	-0.073985	0.001378
	0.046907	-0.009297	0.066402	0.009336	0.039709	-0.009747
	-0.046307	0.003685	0.027334	-0.012183	0.009768	0.004731
	0.040342					
y98	0.015251	0.031822	-0.019760	0.000694	-0.028401	0.023218
	0.023591	-0.016710	0.013653	0.026001	-0.010850	0.009477
	-0.008524	-0.038774	0.006206	-0.011561	-0.029852	0.014888
	0.006603	-0.021167	-0.001168	0.006561	-0.005405	-0.005077
	0.018395	-0.001431	-0.010909	0.008145	0.034154	0.044420
	0.013408					
z98	0.044576	-0.065720	-0.003875	-0.021125	-0.002831	-0.008232
	0.010209	0.023165	-0.000230	0.035750	0.021432	0.014382
	0.010146	0.050080	-0.018095	-0.004189	-0.002547	-0.004828
	0.021905	-0.019050	0.027402	-0.023241	-0.010372	0.022475
	0.049311	-0.076293	-0.021215	0.028310	-0.006683	0.007364
	-0.034671					
x99	0.015492	0.007874	0.003980	0.034298	0.016404	0.012906
	-0.006285	0.011253	-0.005889	-0.037057	-0.001159	-0.013500
	0.030816	0.041400	0.047655	-0.029919	-0.076569	0.001455
	0.053831	-0.010968	0.061317	0.011307	0.039434	-0.005566
	-0.043702	-0.003423	0.027667	-0.012365	0.007064	0.004740
	0.032887					
y99	0.019984	0.030522	-0.020372	0.002279	-0.030574	0.022909
	0.023978	-0.018495	0.014772	0.030794	-0.014648	0.019348
	-0.011244	-0.034520	0.008907	-0.019233	-0.033383	0.020463
	0.010728	-0.029509	0.004385	0.006830	-0.012745	-0.009972
	0.029155	-0.022473	-0.010029	0.018430	0.020905	0.050647
	-0.012447					
z99	0.048422	-0.064048	-0.001104	-0.017826	-0.001057	-0.012851
	0.013865	0.023010	0.002986	0.033316	0.021024	0.012333
	0.002776	0.046306	-0.019453	-0.000745	0.000868	-0.003282
	0.018324	-0.018361	0.032129	-0.022782	-0.009579	0.028317
	0.048224	-0.072863	-0.020703	0.021073	-0.004055	-0.003388
	-0.026187					

x100	0.015114	0.006130	0.001845	0.034827	0.018287	0.010506
	-0.003981	0.008556	-0.008388	-0.032763	0.001458	-0.010358
	0.035198	0.041159	0.047138	-0.026128	-0.079530	-0.000379
	0.059612	-0.011538	0.051142	0.011207	0.037708	-0.003034
	-0.040024	-0.010747	0.029593	-0.010109	0.001011	0.004166
	0.020878					
y100	0.024652	0.028810	-0.020358	0.003499	-0.032582	0.022558
	0.025079	-0.019698	0.015620	0.033312	-0.014967	0.019711
	-0.007240	-0.029268	0.010172	-0.023651	-0.034964	0.022833
	0.010989	-0.033064	0.012692	0.000780	-0.010380	-0.007386
	0.032751	-0.041923	-0.005669	0.021426	0.021842	0.038926
	-0.026164					
z100	0.050090	-0.060755	0.002003	-0.013396	0.002307	-0.015064
	0.015178	0.021365	0.009115	0.025972	0.024064	0.007283
	-0.011239	0.037765	-0.020803	-0.001417	0.001169	-0.005377
	0.008501	-0.013329	0.030418	-0.016181	-0.010769	0.036569
	0.037739	-0.048239	-0.013755	0.011307	0.002549	-0.018363
	-0.006985					
x101	0.013997	0.003889	-0.001073	0.035699	0.018650	0.008323
	-0.002205	0.004825	-0.011631	-0.026222	0.001699	-0.006174
	0.039491	0.038650	0.046594	-0.020666	-0.081700	-0.004104
	0.063378	-0.011179	0.036257	0.010505	0.035039	-0.002057
	-0.029992	-0.019289	0.030833	-0.004251	-0.014036	0.009767
	0.001486					
y101	0.029484	0.029709	-0.018760	0.006835	-0.032210	0.022814
	0.024752	-0.021325	0.017932	0.034388	-0.017660	0.013741
	-0.004518	-0.032166	0.013343	-0.025703	-0.035696	0.019746
	0.012570	-0.035544	0.021653	-0.001531	-0.004693	0.003881
	0.030832	-0.048288	-0.002837	0.025963	0.019923	0.028724
	-0.033943					
z101	0.050786	-0.058777	0.004683	-0.009779	0.005071	-0.016306
	0.016496	0.018851	0.016808	0.016169	0.029251	0.002201
	-0.029625	0.032292	-0.024395	-0.004390	-0.001414	-0.008820
	-0.007615	-0.007991	0.025573	-0.008247	-0.016805	0.043403
	0.021269	-0.019314	-0.003139	-0.000187	0.009885	-0.036260
	0.012526					
x102	0.011739	0.001210	-0.005354	0.035304	0.017229	0.006369
	0.000461	0.000662	-0.016826	-0.019804	-0.000255	-0.000484
	0.042911	0.035096	0.044205	-0.015420	-0.081011	-0.011435
	0.062906	-0.008611	0.012582	0.008346	0.026497	-0.002711
	-0.019121	-0.029077	0.033930	0.008436	-0.036398	0.017794
	-0.023380					

y102	0.035998	0.031760	-0.014953	0.009355	-0.030305	0.022879
	0.025758	-0.026727	0.022541	0.027934	-0.015470	-0.000210
	-0.013551	-0.034231	0.013622	-0.025553	-0.036000	0.002572
	0.001254	-0.029260	0.034805	-0.002509	-0.010097	0.019944
	0.007009	-0.039925	0.007725	0.028716	0.021856	-0.003722
	-0.028935					
z102	0.048552	-0.057297	0.005532	-0.004251	0.007126	-0.014559
	0.014725	0.021004	0.026432	0.011043	0.029722	0.000381
	-0.034663	0.022629	-0.022876	-0.010380	-0.006794	-0.002240
	-0.012377	-0.009110	0.015509	0.000618	-0.013124	0.052942
	0.017505	0.002212	-0.000017	-0.008703	0.014057	-0.036945
	0.016723					
x103	0.008585	-0.000645	-0.010742	0.033669	0.015385	0.006413
	0.003063	-0.000827	-0.024222	-0.013133	-0.002076	0.011047
	0.046935	0.029356	0.042530	-0.008201	-0.083286	-0.016207
	0.061847	-0.005881	-0.016338	0.005214	0.016270	-0.004402
	-0.001562	-0.035180	0.036859	0.017649	-0.064347	0.026918
	-0.048471					
y103	0.041635	0.032334	-0.009960	0.011907	-0.026466	0.024597
	0.024415	-0.032281	0.029279	0.019350	-0.012020	-0.018418
	-0.024485	-0.037275	0.015672	-0.023968	-0.030447	-0.017672
	-0.018650	-0.020254	0.045912	-0.001859	-0.019972	0.042340
	-0.024640	-0.024953	0.019270	0.030510	0.024972	-0.048966
	-0.020657					
z103	0.045834	-0.051595	0.004641	0.001340	0.005045	-0.015268
	0.018265	0.030609	0.030353	0.003756	0.031633	0.010098
	-0.036485	0.021174	-0.020442	-0.014283	-0.010397	0.010543
	-0.009985	-0.008615	0.007962	0.001228	-0.010372	0.042286
	0.026473	0.012680	-0.013296	-0.008146	0.003405	-0.008914
	0.027709					
x104	-0.013540	-0.004792	-0.026094	-0.020087	0.002639	0.016759
	-0.052227	0.004046	-0.038855	0.000567	-0.005388	-0.000361
	0.019461	-0.037425	-0.002497	-0.018070	-0.007194	-0.005037
	-0.028121	-0.031633	0.007060	-0.001498	0.022858	-0.010487
	-0.014497	0.017922	0.045159	-0.004313	-0.007428	-0.027396
	0.024353					
y104	-0.021334	-0.001130	-0.035896	0.011329	-0.022082	0.039459
	0.014384	-0.011579	-0.014928	0.001185	0.010771	-0.022081
	-0.024926	-0.004103	0.009842	0.001281	0.017200	-0.015900
	-0.039313	-0.009046	-0.016310	-0.002595	0.031621	-0.003480
	-0.050015	-0.007557	-0.023505	0.024602	0.033158	0.002545
	-0.003355					

z104	-0.015764	-0.015124	-0.030243	-0.033970	-0.041019	0.033783
	-0.037101	-0.016524	-0.015412	-0.043045	0.013682	0.020093
	0.003402	-0.004010	0.024737	0.007578	-0.031288	-0.030527
	-0.014174	-0.014599	-0.007970	0.003887	0.030017	0.012417
	0.000548	0.007615	0.001582	-0.021642	0.016486	-0.017330
	-0.001372					
x105	-0.008896	-0.012838	-0.020454	-0.012627	0.010432	0.005903
	-0.046900	0.011395	-0.016667	-0.003567	0.001296	-0.006410
	0.014782	-0.027394	-0.005133	-0.019170	-0.003448	-0.010703
	-0.020893	-0.018922	-0.007492	-0.012161	0.012012	-0.005496
	0.007414	0.006947	0.026335	-0.003433	-0.015500	-0.018231
	0.004225					
y105	-0.021620	0.000515	-0.039378	0.010436	-0.025814	0.042781
	0.010637	-0.011299	-0.017146	-0.007166	0.005290	-0.019835
	-0.018494	0.001427	0.014465	-0.007842	0.025092	-0.021956
	-0.040270	-0.009166	-0.016745	0.000465	0.033215	-0.000816
	-0.044370	-0.013692	-0.026322	0.023537	0.023159	0.012283
	0.006153					
z105	-0.015040	-0.010051	-0.021334	-0.027817	-0.043281	0.030201
	-0.024260	-0.008024	-0.015965	-0.041300	0.014460	0.013038
	0.009075	0.006268	0.014516	0.011722	-0.021334	-0.019115
	0.003792	-0.011060	-0.013543	0.011169	0.038163	0.007793
	-0.011167	-0.001700	-0.004395	-0.010856	0.005720	-0.034717
	0.006867					
x106	-0.006739	-0.020309	-0.016396	-0.006387	0.017757	-0.002542
	-0.044233	0.020042	-0.003537	-0.004495	0.004607	-0.008910
	0.010277	-0.018575	-0.006521	-0.018501	0.007760	-0.016379
	-0.018906	-0.003253	-0.024968	-0.014112	-0.000400	-0.004153
	0.014826	0.001628	0.004624	-0.003257	-0.023363	-0.012131
	-0.014616					
y106	-0.020722	0.002059	-0.041435	0.008530	-0.028609	0.044871
	0.008541	-0.010933	-0.018884	-0.014480	0.001091	-0.018303
	-0.013407	0.006332	0.017011	-0.015301	0.030218	-0.026123
	-0.037413	-0.009301	-0.014460	0.004106	0.035346	0.000696
	-0.037126	-0.016776	-0.027336	0.020713	0.013830	0.016170
	0.017204					
z106	-0.010895	-0.011114	-0.014721	-0.023934	-0.040186	0.027043
	-0.013724	-0.004170	-0.004771	-0.038990	0.016364	0.000208
	0.017131	0.013723	0.005602	0.009514	-0.011764	-0.009043
	0.024918	-0.014502	-0.012949	0.013329	0.047578	0.013289
	0.001278	-0.015119	-0.003121	-0.004035	-0.006814	-0.032734
	-0.001801					

x107	-0.005958	-0.025885	-0.014484	-0.000829	0.021500	-0.003223
	-0.041600	0.025983	-0.000281	-0.007483	0.006411	-0.010875
	0.008633	-0.009448	-0.012715	-0.018338	0.011768	-0.019664
	-0.007764	0.008992	-0.031388	-0.009617	-0.004340	-0.003308
	0.020189	-0.006151	-0.001782	-0.000343	-0.018830	-0.007151
	-0.018358					
y107	-0.019327	0.002955	-0.042098	0.005971	-0.029958	0.045182
	0.008277	-0.010917	-0.019471	-0.018461	-0.001999	-0.018346
	-0.008707	0.008834	0.019410	-0.019614	0.032972	-0.029407
	-0.033040	-0.009108	-0.012175	0.007575	0.037631	0.003316
	-0.029991	-0.018507	-0.029593	0.017264	0.006215	0.019271
	0.022756					
z107	-0.005226	-0.013925	-0.009575	-0.021852	-0.035344	0.021035
	-0.010003	0.000692	0.009543	-0.035229	0.018472	-0.008967
	0.022147	0.015816	0.004670	0.007093	0.002418	-0.000993
	0.034511	-0.018617	-0.018428	0.012723	0.048993	0.019313
	0.010360	-0.020012	-0.012884	-0.000803	-0.025372	-0.027633
	-0.022847					
x108	-0.005146	-0.028596	-0.013641	0.001011	0.024151	-0.003140
	-0.039960	0.032861	0.000946	-0.012043	0.002286	-0.012200
	0.010806	-0.008320	-0.013308	-0.012632	0.012061	-0.014825
	-0.001085	0.016814	-0.032403	0.000031	-0.009491	0.000778
	0.024360	-0.003849	-0.006403	-0.007444	-0.018076	0.001557
	-0.011165					
y108	-0.017616	0.003267	-0.041296	0.003728	-0.029672	0.044543
	0.007858	-0.011643	-0.019798	-0.020015	-0.001706	-0.018904
	-0.006786	0.008991	0.020720	-0.022158	0.034223	-0.031017
	-0.026470	-0.009563	-0.008618	0.007774	0.040523	0.005719
	-0.023643	-0.019005	-0.030892	0.014596	0.001261	0.020227
	0.025719					
z108	-0.000124	-0.017157	-0.006069	-0.018989	-0.032291	0.016943
	-0.008344	0.003604	0.019873	-0.032086	0.021991	-0.015617
	0.023227	0.019056	0.002310	0.004511	0.011708	0.001546
	0.042104	-0.021723	-0.022451	0.011471	0.050198	0.022453
	0.020087	-0.025673	-0.020252	0.005341	-0.036630	-0.024653
	-0.041563					
x109	-0.005713	-0.030657	-0.014055	0.001030	0.024292	0.000671
	-0.038215	0.037448	0.002849	-0.015722	-0.001708	-0.011686
	0.014140	-0.011179	-0.013431	-0.007248	0.006781	-0.010319
	0.001201	0.017755	-0.027620	0.006820	-0.013196	0.013324
	0.027296	-0.007531	-0.004926	-0.014876	-0.006096	0.009610
	-0.000655					

y109	-0.015393	0.003637	-0.039624	0.002349	-0.028304	0.042908
	0.007870	-0.013019	-0.020661	-0.020038	0.000657	-0.019574
	-0.007594	0.007591	0.020731	-0.022632	0.034054	-0.031655
	-0.020697	-0.009056	-0.004440	0.006547	0.042573	0.006084
	-0.017924	-0.016445	-0.032042	0.011317	-0.004737	0.016298
	0.026587					
z109	0.004755	-0.019326	-0.002337	-0.016604	-0.032598	0.014306
	-0.005361	0.007811	0.025621	-0.030552	0.021654	-0.015838
	0.019636	0.019132	-0.000171	0.004885	0.014426	0.003984
	0.041695	-0.025508	-0.023228	0.010392	0.047450	0.026065
	0.024415	-0.024758	-0.024180	0.001757	-0.038308	-0.017953
	-0.048786					
x110	-0.006828	-0.030873	-0.016220	0.000102	0.025685	0.002309
	-0.038137	0.039020	-0.000787	-0.018675	-0.006218	-0.008189
	0.017212	-0.011411	-0.010485	-0.001237	0.001657	-0.007454
	-0.000215	0.021833	-0.024674	0.009281	-0.015458	0.014915
	0.024117	-0.003796	-0.011743	-0.019493	0.000721	0.005413
	0.007372					
y110	-0.013213	0.003218	-0.036969	0.001408	-0.025741	0.041301
	0.008673	-0.014700	-0.020163	-0.017939	0.004699	-0.021608
	-0.009007	0.003535	0.019511	-0.022858	0.032383	-0.030178
	-0.013846	-0.008556	0.000421	0.004090	0.045804	0.008975
	-0.012925	-0.014244	-0.031853	0.008862	-0.007042	0.008787
	0.026193					
z110	0.010175	-0.020189	0.002001	-0.014206	-0.035666	0.012021
	-0.000399	0.012801	0.027317	-0.030539	0.017803	-0.008674
	0.009994	0.016721	-0.002304	0.008257	0.011412	0.005798
	0.033019	-0.029450	-0.019244	0.008390	0.039163	0.029385
	0.025873	-0.016392	-0.027092	-0.012984	-0.032442	-0.008893
	-0.045675					
x111	-0.007592	-0.030960	-0.019449	0.001676	0.028696	0.004202
	-0.039244	0.035002	-0.005319	-0.021585	-0.009919	-0.005021
	0.019505	-0.012648	-0.008369	0.002201	-0.006142	-0.005799
	0.003135	0.027460	-0.019877	0.012935	-0.013991	0.013584
	0.026497	-0.004926	-0.007865	-0.022179	-0.001574	0.006749
	0.021369					
y111	-0.010903	0.002442	-0.033316	0.000264	-0.021673	0.038890
	0.010229	-0.016561	-0.019372	-0.014488	0.010429	-0.024666
	-0.011491	-0.002217	0.018308	-0.020775	0.030134	-0.026689
	-0.006377	-0.008229	0.005995	-0.000673	0.050182	0.011729
	-0.008050	-0.010086	-0.031615	0.007497	-0.004913	-0.004187
	0.025169					

z111	0.016170	-0.020899	0.006598	-0.009861	-0.038419	0.008989
	0.005525	0.015102	0.027036	-0.031542	0.014877	-0.000640
	-0.004893	0.013276	-0.004944	0.011948	0.003383	0.006519
	0.024617	-0.032869	-0.010442	0.005306	0.028756	0.032156
	0.031794	-0.007990	-0.022585	-0.030754	-0.025267	0.004202
	-0.033141					
x112	-0.010936	-0.030957	-0.024326	0.000480	0.033856	0.007547
	-0.040791	0.030742	-0.011472	-0.018054	-0.013786	-0.002037
	0.029529	-0.006780	-0.004246	0.002441	-0.008781	-0.002034
	0.011312	0.034761	-0.018470	0.015163	-0.008823	0.006161
	0.021820	-0.004688	-0.011313	-0.010721	-0.012645	-0.000845
	0.030355					
y112	-0.007205	0.002153	-0.028212	-0.000298	-0.016105	0.034934
	0.013171	-0.019671	-0.018871	-0.010477	0.018002	-0.027908
	-0.017980	-0.010973	0.014678	-0.016605	0.024827	-0.021902
	0.000117	-0.008017	0.013253	-0.006300	0.053700	0.014028
	-0.003321	-0.003781	-0.029635	0.003856	-0.000563	-0.020520
	0.022716					
z112	0.021322	-0.021584	0.011669	-0.005435	-0.038752	0.006140
	0.012285	0.019291	0.023777	-0.027899	0.012119	0.008717
	-0.018849	0.016060	-0.005561	0.014719	-0.000906	0.007710
	0.016686	-0.032976	-0.001187	-0.002891	0.015920	0.025460
	0.033805	0.005852	-0.023110	-0.043240	-0.023897	0.009068
	-0.018790					
x113	-0.014326	-0.030736	-0.031702	-0.000209	0.039749	0.012132
	-0.044107	0.025117	-0.015079	-0.013755	-0.014457	0.002871
	0.041892	-0.001640	-0.001847	0.001459	-0.017829	0.000861
	0.026530	0.046319	-0.020320	0.023599	0.002279	0.005402
	0.016282	-0.006405	-0.015093	0.010192	-0.021546	-0.005828
	0.037402					
y113	-0.003257	0.002877	-0.021569	-0.000209	-0.009309	0.030283
	0.016726	-0.022988	-0.018898	-0.004237	0.025665	-0.030492
	-0.026926	-0.021505	0.008814	-0.009328	0.018293	-0.016595
	0.006602	-0.007979	0.023219	-0.013929	0.053981	0.011220
	0.001341	0.006789	-0.028776	-0.001380	-0.001204	-0.039821
	0.019013					
z113	0.027466	-0.023303	0.011374	0.002034	-0.033670	0.007009
	0.015657	0.023266	0.024134	-0.027032	0.013614	0.019953
	-0.027570	0.019840	-0.006887	0.019010	-0.014265	0.007639
	0.017570	-0.020517	0.007184	-0.004736	0.006251	0.026841
	0.036026	0.010320	-0.022386	-0.040079	-0.014629	0.017958
	0.007085					

x114	0.017201	0.010216	0.010869	-0.019005	-0.028899	-0.005981
	-0.049742	-0.026636	-0.002276	-0.002615	0.023848	-0.006934
	-0.010333	-0.039538	0.015298	-0.017374	0.018142	0.014329
	-0.019747	-0.030229	0.030012	-0.032282	0.050747	0.014602
	-0.004057	-0.007172	-0.068326	-0.006465	0.040493	-0.067836
	0.022289					
y114	-0.028536	-0.013265	-0.032673	-0.013873	0.023745	0.012487
	0.000587	0.009412	-0.011936	-0.005135	0.003503	-0.046234
	-0.017688	0.019721	-0.017543	-0.006826	-0.040087	-0.004744
	-0.031400	-0.024476	-0.020560	0.002157	-0.015194	-0.028644
	0.014456	0.032891	-0.037859	0.024277	-0.041984	0.044243
	0.018992					
z114	-0.007661	-0.024620	-0.038957	-0.008210	-0.021479	0.013115
	-0.010467	-0.034645	-0.019586	-0.041363	0.030648	-0.010861
	-0.047063	0.017276	0.015590	0.018230	-0.017888	-0.048854
	-0.020210	-0.013856	-0.014085	0.034283	-0.017212	-0.031642
	0.044893	0.024018	-0.030103	-0.003635	-0.000591	-0.014397
	0.034464					
x115	0.021715	0.009822	0.004285	-0.013526	-0.023339	-0.010042
	-0.048433	-0.024993	-0.005907	-0.016793	0.027508	-0.004501
	-0.023015	-0.039975	0.020545	0.007366	0.012356	0.008125
	-0.020682	-0.017489	0.026270	-0.037247	0.028301	0.001675
	0.000001	-0.008977	-0.070009	-0.011296	0.031549	-0.047167
	0.024221					
y115	-0.024304	-0.014453	-0.029780	-0.010292	0.027865	0.013515
	-0.003656	0.019051	-0.012133	-0.007498	0.004102	-0.043866
	-0.010950	0.015588	-0.018577	-0.007836	-0.032442	-0.001275
	-0.022975	-0.016713	-0.019801	-0.002052	-0.006745	-0.026813
	-0.006234	0.022022	-0.010309	0.022538	-0.028181	0.045583
	0.022580					
z115	-0.001723	-0.015764	-0.031973	0.002914	-0.023757	0.009754
	-0.003476	-0.021502	-0.015669	-0.038854	0.014766	-0.005586
	-0.040355	-0.000420	0.007457	0.024521	-0.017451	-0.025175
	-0.018281	-0.012490	-0.009813	0.035158	-0.004073	-0.028047
	0.023306	0.014594	-0.016306	0.008524	-0.007577	-0.017038
	0.017232					
x116	0.024134	0.008508	-0.001052	-0.008019	-0.018370	-0.012238
	-0.048406	-0.023179	-0.007248	-0.027456	0.032472	-0.004833
	-0.030484	-0.041661	0.024844	0.025210	0.008798	0.003411
	-0.014387	-0.007596	0.024365	-0.040091	0.011373	-0.008978
	0.005027	-0.013427	-0.071847	-0.013828	0.027056	-0.033134
	0.023473					

y116	-0.022266	-0.016531	-0.030424	-0.005035	0.028937	0.022463
	-0.006612	0.027464	-0.010974	0.000847	0.011633	-0.043024
	-0.010079	0.004951	-0.013435	0.005390	-0.022776	-0.004672
	-0.015452	-0.019925	-0.029358	-0.004229	-0.015281	-0.029232
	-0.015721	0.018338	0.014613	0.024303	-0.030002	0.034206
	0.008367					
z116	0.005107	-0.008781	-0.027424	0.009062	-0.022619	0.001877
	0.002876	-0.011258	-0.007608	-0.044047	-0.006641	-0.006835
	-0.015978	-0.011839	-0.008809	0.017023	-0.017673	-0.005315
	-0.010613	-0.002510	0.006071	0.041029	0.020276	-0.022426
	0.005952	0.005231	-0.013052	0.016001	-0.007805	-0.012400
	0.012897					
x117	0.026170	0.007329	-0.006461	-0.002158	-0.013204	-0.013749
	-0.046686	-0.021703	-0.008073	-0.037111	0.035355	-0.005686
	-0.034447	-0.043121	0.027119	0.040507	0.003552	0.002412
	-0.008177	0.001062	0.018405	-0.040426	-0.003805	-0.015717
	0.006432	-0.018382	-0.069578	-0.016749	0.022721	-0.019713
	0.018945					
y117	-0.019225	-0.014127	-0.029737	0.001431	0.029099	0.027819
	-0.006998	0.033119	-0.013235	0.006544	0.009048	-0.041826
	-0.006389	-0.008124	-0.017560	0.004814	-0.025182	0.000228
	-0.004404	-0.015240	-0.036032	-0.006476	-0.016236	-0.025671
	-0.028367	0.009972	0.027394	0.019405	-0.022131	0.031395
	-0.000172					
z117	0.010581	-0.006687	-0.026015	0.014605	-0.020886	0.000694
	0.006283	-0.001927	0.002111	-0.046420	-0.016015	-0.009856
	0.003971	-0.020440	-0.018065	0.019373	-0.010965	0.005671
	-0.006708	-0.003652	0.012621	0.047568	0.034355	-0.019799
	-0.005689	0.002070	-0.001371	0.024658	-0.015219	-0.012682
	-0.000269					
x118	0.026999	0.005599	-0.011089	0.002647	-0.008272	-0.014529
	-0.045279	-0.020648	-0.008376	-0.044634	0.036290	-0.005493
	-0.035945	-0.042943	0.030399	0.051402	-0.001506	0.003537
	-0.002288	0.009179	0.013196	-0.037162	-0.014583	-0.020486
	0.009576	-0.022028	-0.063344	-0.018483	0.017549	-0.010109
	0.016454					
y118	-0.018494	-0.013709	-0.028032	0.002441	0.031409	0.029684
	-0.009536	0.039678	-0.011421	0.009076	0.008200	-0.041959
	-0.003771	-0.014977	-0.015621	0.006358	-0.024247	0.007850
	0.002521	-0.011337	-0.041641	-0.007740	-0.014809	-0.025518
	-0.018462	0.006200	0.025391	0.015958	-0.014442	0.027558
	0.005672					

z118	0.015286	-0.005202	-0.025952	0.020831	-0.020748	0.002265
	0.009540	0.005196	0.006938	-0.047675	-0.022251	-0.012941
	0.017399	-0.028741	-0.028081	0.022389	-0.008670	0.008582
	-0.002330	-0.007285	0.014397	0.051775	0.039742	-0.017275
	-0.021271	-0.000248	0.013346	0.029884	-0.022925	-0.014042
	-0.013553					
x119	0.026810	0.003581	-0.014474	0.005701	-0.004662	-0.015427
	-0.043850	-0.020063	-0.007960	-0.049797	0.035011	-0.003520
	-0.037595	-0.040807	0.034241	0.054882	-0.004470	0.006640
	0.003318	0.018089	0.012296	-0.031901	-0.020055	-0.023701
	0.013665	-0.026914	-0.058655	-0.022911	0.012958	-0.003926
	0.019736					
y119	-0.019112	-0.014467	-0.026576	0.000363	0.031462	0.029558
	-0.011319	0.045252	-0.011112	0.009540	0.005396	-0.038736
	-0.003643	-0.018775	-0.011533	0.002619	-0.019339	0.013080
	0.001280	-0.010179	-0.039678	-0.003549	-0.011811	-0.024437
	-0.011044	0.000006	0.011605	0.005465	-0.015104	0.020690
	0.017719					
z119	0.018191	-0.005085	-0.025078	0.025068	-0.021127	0.003054
	0.011025	0.012639	0.010569	-0.048293	-0.026928	-0.010331
	0.023997	-0.032974	-0.030742	0.022657	-0.007278	0.013400
	0.000775	-0.009148	0.012847	0.053125	0.042200	-0.016855
	-0.024064	-0.002283	0.016790	0.023084	-0.027097	-0.011208
	-0.018185					
x120	0.025968	0.001383	-0.017161	0.008283	-0.000824	-0.015447
	-0.041669	-0.019670	-0.006585	-0.052620	0.033238	-0.000954
	-0.038466	-0.037502	0.038326	0.052668	-0.007070	0.011074
	0.009345	0.027565	0.011964	-0.025347	-0.023815	-0.025255
	0.018153	-0.031312	-0.052523	-0.028787	0.009392	-0.000190
	0.022453					
y120	-0.020233	-0.015220	-0.026361	-0.001993	0.032570	0.030479
	-0.011894	0.047517	-0.011386	0.008632	0.005123	-0.039099
	-0.003472	-0.018678	-0.008240	-0.001374	-0.017926	0.016572
	-0.000877	-0.011028	-0.035884	0.004130	-0.013595	-0.017239
	-0.006449	-0.002739	0.007126	-0.006960	-0.020451	0.011357
	0.020823					
z120	0.019262	-0.006360	-0.022738	0.026969	-0.022927	0.002084
	0.012901	0.021857	0.013225	-0.049075	-0.031413	-0.001526
	0.024118	-0.032829	-0.026963	0.017797	-0.004625	0.019590
	0.002382	-0.009382	0.009911	0.052759	0.042178	-0.017064
	-0.017767	-0.005499	0.009727	0.002855	-0.029485	-0.003617
	-0.014366					

x121	0.024142	-0.001464	-0.019426	0.011507	0.003736	-0.013288
	-0.038209	-0.018979	-0.004145	-0.051136	0.029614	0.001128
	-0.035816	-0.033056	0.041406	0.044445	-0.009182	0.017968
	0.017702	0.036681	0.009227	-0.018057	-0.028156	-0.025523
	0.019881	-0.035198	-0.041318	-0.029717	0.007946	0.000326
	0.022253					
y121	-0.021670	-0.017542	-0.029122	-0.004483	0.033510	0.033394
	-0.012970	0.046171	-0.012957	0.012988	0.006756	-0.045503
	-0.000428	-0.014646	-0.007166	-0.000079	-0.017789	0.016231
	-0.004542	-0.009866	-0.027265	-0.003091	-0.023102	-0.009152
	-0.004007	-0.000826	0.002890	-0.001715	-0.020259	0.005305
	0.015063					
z121	0.018397	-0.010682	-0.019644	0.029060	-0.025334	0.001482
	0.013737	0.032441	0.015730	-0.045737	-0.032998	0.008132
	0.022045	-0.030592	-0.018941	0.015752	-0.002563	0.023105
	0.005761	-0.007173	0.004279	0.043538	0.037795	-0.016295
	-0.009703	-0.004522	0.004461	-0.012930	-0.023358	0.004278
	-0.008458					
x122	0.021139	-0.004440	-0.020674	0.013392	0.008899	-0.009387
	-0.033225	-0.018469	0.000161	-0.044608	0.024091	0.002448
	-0.028767	-0.025339	0.042076	0.029840	-0.008233	0.027762
	0.029849	0.044171	0.005257	-0.006869	-0.030272	-0.020433
	0.016241	-0.037476	-0.028770	-0.024302	0.007983	-0.002476
	0.020860					
y122	-0.022746	-0.018852	-0.033095	-0.009242	0.036946	0.039370
	-0.012539	0.038557	-0.012078	0.021112	0.011580	-0.059527
	0.003762	-0.007090	-0.010143	0.003705	-0.016459	0.011751
	-0.007341	-0.013589	-0.012273	-0.009825	-0.037088	0.005594
	-0.002225	0.005583	-0.009780	0.014553	-0.019001	0.001057
	0.006057					
z122	0.016116	-0.017583	-0.014765	0.030334	-0.026048	0.002928
	0.015866	0.041672	0.022033	-0.034878	-0.031103	0.013397
	0.017553	-0.026237	-0.009044	0.013972	0.001044	0.020472
	0.013954	-0.011208	-0.003170	0.034772	0.027962	-0.009705
	-0.000720	0.001575	-0.006298	-0.021772	-0.011272	0.013869
	-0.001490					
x123	0.018805	-0.006082	-0.020012	0.012815	0.012738	-0.005912
	-0.029141	-0.019742	0.003028	-0.036269	0.019172	0.004774
	-0.022225	-0.014656	0.039678	0.015815	-0.005109	0.038216
	0.039758	0.051380	0.005105	0.008537	-0.029862	-0.012055
	0.012844	-0.035812	-0.013607	-0.015847	0.001129	-0.011557
	0.018996					

y123	-0.021496	-0.017908	-0.037927	-0.015780	0.041513	0.046181
	-0.011657	0.028490	-0.011998	0.027511	0.018436	-0.073674
	0.005228	0.001885	-0.013469	0.011761	-0.014609	0.008460
	-0.014820	-0.013652	0.007461	-0.015181	-0.048362	0.022413
	0.000814	0.012227	-0.024293	0.031511	-0.013524	-0.004406
	0.005792					
z123	0.019562	-0.021849	-0.014183	0.032263	-0.023143	0.004090
	0.018921	0.044968	0.023438	-0.023367	-0.027145	0.014464
	0.002650	-0.015017	-0.005231	0.022137	0.000113	0.008211
	0.011512	-0.012227	0.016626	0.028076	0.007143	-0.014009
	0.014533	0.015776	-0.014725	-0.011818	-0.009534	0.009299
	0.021556					
x124	-0.036846	-0.033852	-0.016521	-0.002765	0.010545	-0.104429
	0.080015	0.033866	-0.050240	-0.000751	-0.017157	-0.021300
	-0.023842	-0.032428	0.039587	-0.027955	-0.045037	-0.036421
	-0.046289	-0.027134	0.046981	-0.073618	-0.099918	-0.015295
	0.110478	0.031580	0.059085	-0.003150	-0.114123	-0.017386
	-0.018212					
y124	0.027193	-0.006729	-0.047311	-0.055041	-0.042655	-0.029938
	0.026990	0.031592	-0.049651	0.015078	0.120227	0.004710
	0.029480	0.061688	0.000718	0.031072	-0.031323	0.036110
	-0.081832	0.163447	0.039447	-0.186887	0.023299	0.051520
	-0.062464	-0.156006	0.010386	0.057842	0.156676	0.005683
	-0.052959					
z124	-0.070223	0.001471	0.027475	-0.099437	-0.024568	0.031340
	0.018807	0.097214	-0.002776	-0.005394	0.076394	0.085852
	-0.019981	0.012003	0.014172	0.039513	0.081363	0.075296
	0.007862	-0.025842	-0.120034	0.151826	-0.031173	-0.111217
	-0.044656	-0.006268	-0.056548	-0.086947	0.164181	0.027456
	0.012920					
x125	-0.017781	-0.025073	-0.020224	-0.000520	0.024398	-0.085035
	0.060123	0.037224	-0.016893	0.026274	-0.050000	-0.040717
	-0.034514	-0.000300	0.002672	-0.009278	-0.024128	-0.060942
	-0.025563	-0.041103	0.079883	-0.043436	-0.064107	-0.019751
	0.054142	0.006718	0.026886	-0.061520	-0.091181	-0.029494
	-0.011744					
y125	0.027980	-0.007591	-0.036682	-0.062705	-0.056770	-0.025335
	0.044108	0.014378	-0.038758	-0.007455	0.106142	0.012801
	0.067393	-0.003594	0.050980	-0.008663	-0.035568	0.061661
	-0.097538	0.175617	-0.018798	-0.135629	0.014525	0.009989
	0.003181	-0.066222	0.023848	0.012821	0.160803	-0.022524
	-0.007009					

z125	-0.064669	-0.004813	0.025256	-0.081394	-0.037970	0.021911
	0.031637	0.097966	-0.036172	0.027562	0.061283	0.056645
	-0.018961	0.014938	0.017132	0.073704	0.061974	0.080076
	0.008914	-0.023348	-0.094213	0.126163	0.028668	-0.035807
	-0.042360	-0.039989	-0.026241	-0.059250	0.123043	0.013175
	-0.024857					
x126	-0.015112	-0.020713	-0.020698	-0.009978	-0.001428	-0.072968
	0.041561	0.039433	-0.004945	0.004676	-0.040287	-0.010644
	-0.029048	-0.019868	-0.011004	-0.025312	-0.017301	-0.051985
	-0.034331	0.004692	0.025569	-0.059985	-0.022025	-0.055991
	0.076868	-0.002422	0.031237	-0.069488	-0.062107	0.000935
	-0.000977					
y126	0.024224	-0.007440	-0.036013	-0.059643	-0.062121	-0.042997
	0.058747	0.009122	0.003349	-0.023643	0.062564	-0.010145
	0.104829	-0.021060	0.105352	0.022169	-0.061161	0.091010
	-0.122819	0.170326	-0.047765	-0.083802	-0.007899	-0.001874
	0.021029	0.017165	0.014943	0.014485	0.118762	-0.028923
	0.024397					
z126	-0.049845	-0.016415	0.022572	-0.061597	-0.054056	0.008959
	0.032882	0.101540	-0.080838	0.071515	0.067965	0.023103
	-0.018538	-0.001472	0.023502	0.086258	0.045084	0.078831
	0.026989	-0.033253	-0.057677	0.063667	0.072882	0.016044
	-0.068963	-0.089256	0.020859	-0.034522	0.054666	0.031236
	-0.041081					
x127	-0.005184	-0.011504	-0.018245	-0.005639	-0.005991	-0.064339
	0.026915	0.038662	0.024879	0.013128	-0.057638	-0.015131
	-0.036154	-0.012314	-0.024552	-0.019931	-0.009772	-0.075477
	-0.029749	0.018128	0.023025	-0.042985	0.017458	-0.070173
	0.070692	-0.026146	0.020441	-0.088984	-0.047563	0.014554
	0.000632					
y127	0.033602	-0.005325	-0.041475	-0.044174	-0.065006	-0.064620
	0.076518	0.020049	0.044440	-0.015277	0.012205	-0.064528
	0.136032	-0.025466	0.119383	0.073093	-0.079747	0.058941
	-0.118126	0.151153	-0.023287	-0.040465	-0.000320	-0.029812
	0.011276	0.005900	0.041258	0.017313	0.039307	-0.017764
	0.040589					
z127	-0.052405	-0.015259	0.022144	-0.055460	-0.050763	0.023141
	0.033641	0.084924	-0.130552	0.093002	0.074296	0.041483
	0.000427	0.018698	0.054589	0.072454	0.030962	0.115004
	0.052000	-0.027715	-0.073574	0.045588	0.061899	0.048360
	-0.079054	-0.059271	0.019789	-0.034479	0.031814	0.045773
	0.033394					

x128	0.002170	-0.003751	-0.020599	-0.008286	-0.004995	-0.054601
	0.015316	0.042812	0.039842	0.022331	-0.072527	-0.003412
	-0.028457	-0.017156	-0.031755	-0.015032	-0.002023	-0.099510
	-0.035404	0.042949	0.002193	-0.035825	0.043471	-0.070461
	0.056292	-0.050272	-0.008037	-0.091675	-0.066599	0.056713
	0.006940					
y128	0.027839	-0.001690	-0.035043	-0.028960	-0.054292	-0.057033
	0.065497	0.019899	0.031465	0.000621	0.013077	-0.041887
	0.137695	-0.009001	0.100950	0.052687	-0.074060	0.029794
	-0.079252	0.116770	-0.006409	-0.023913	0.047063	0.005149
	-0.019985	-0.043926	-0.000672	0.031400	-0.008461	-0.027168
	0.085242					
z128	-0.044261	-0.019603	0.032751	-0.029252	-0.052423	0.019164
	0.047559	0.067389	-0.150774	0.107436	0.056503	0.010019
	0.001278	0.005081	0.075904	0.039860	0.044587	0.123365
	0.089016	-0.041199	-0.091386	0.026987	0.068705	0.023415
	-0.045096	-0.035340	0.090198	-0.001797	-0.020709	0.014061
	0.038863					
x129	-0.001397	-0.003884	-0.018266	0.002455	-0.011273	-0.034411
	0.003648	0.049773	0.011028	0.028586	-0.045913	0.017122
	-0.040198	-0.026576	-0.042902	-0.042285	0.021547	-0.086106
	0.009491	0.079807	-0.004215	-0.035643	0.054396	-0.073790
	0.013874	-0.021103	0.002830	-0.130788	0.029357	0.052923
	0.001810					
y129	0.019262	-0.003068	-0.028962	-0.014118	-0.054082	-0.046352
	0.059856	0.023965	0.028548	0.013201	0.017667	-0.038831
	0.119522	-0.014178	0.094637	0.034300	-0.057023	0.038719
	-0.057518	0.088387	-0.025752	0.010975	0.053814	-0.000804
	-0.029715	-0.027408	0.001383	0.013449	-0.001687	-0.022623
	0.072400					
z129	-0.043342	-0.021478	0.036099	-0.014621	-0.049713	0.015067
	0.052892	0.061150	-0.131232	0.111542	0.042674	-0.006174
	0.002918	0.000057	0.079870	0.037522	0.034010	0.096983
	0.081657	-0.055523	-0.044028	0.023276	0.062433	0.025832
	-0.019447	0.002560	0.084946	0.025897	-0.042382	-0.032340
	0.022751					
x130	0.003542	-0.012445	-0.019955	-0.003259	-0.018362	-0.017563
	0.009580	0.067953	-0.015789	0.039126	-0.021642	0.021313
	-0.066154	-0.013491	-0.058539	-0.064509	0.013312	-0.066036
	0.010269	0.064262	-0.028654	0.013362	0.064096	-0.043698
	-0.030731	0.019365	0.002176	-0.105815	0.121100	0.026428
	0.076103					

y130	0.012346	-0.006965	-0.022021	-0.001952	-0.054413	-0.028536
	0.045571	0.029954	0.031592	0.018764	0.029748	-0.050429
	0.093762	-0.015376	0.083439	0.024667	-0.053679	0.056210
	-0.028140	0.057464	-0.032752	0.013475	0.034371	0.007973
	-0.004095	0.003287	-0.003889	0.002715	0.000068	-0.048746
	0.054074					
z130	-0.045683	-0.023550	0.034052	-0.006761	-0.057190	0.009215
	0.043700	0.056181	-0.106025	0.114103	0.033209	-0.019142
	-0.005480	-0.007298	0.092887	0.058986	0.023136	0.057907
	0.047911	-0.024615	0.000114	0.002478	0.052833	0.040374
	-0.001656	0.029489	0.054485	0.049091	-0.069553	-0.030760
	-0.012181					
x131	0.012438	-0.020942	-0.012230	-0.010663	-0.028107	-0.005486
	0.013940	0.054037	-0.010384	0.044933	-0.011905	0.012956
	-0.048513	-0.010036	-0.044393	-0.040509	0.017412	-0.022347
	0.032878	0.025688	-0.047773	0.035244	0.038379	-0.017038
	-0.049801	-0.019544	0.002403	-0.055567	0.102317	-0.004482
	0.114984					
y131	0.004618	-0.009930	-0.012107	0.007698	-0.050146	-0.013318
	0.036470	0.031134	0.034326	0.024220	0.034897	-0.053600
	0.063478	-0.008159	0.060481	0.016203	-0.050303	0.062017
	-0.010310	0.021628	-0.050775	0.016709	0.021992	0.024391
	0.003803	0.025191	-0.001114	0.035959	-0.026318	-0.039307
	0.055079					
z131	-0.047270	-0.020741	0.035473	-0.000832	-0.053118	0.005736
	0.043778	0.053337	-0.090726	0.108361	0.010564	-0.017777
	-0.008592	-0.006987	0.081222	0.061221	0.009880	0.010866
	0.029120	0.002752	0.028621	-0.014190	0.031977	0.037673
	0.022662	0.061147	0.031113	0.049605	-0.068156	-0.038356
	-0.028222					
x132	0.023342	-0.019315	-0.007972	-0.017910	-0.034059	-0.006140
	0.024227	0.033375	-0.004420	0.050082	-0.009210	-0.014217
	-0.017061	0.001179	-0.039524	-0.033512	0.033019	-0.007067
	0.034394	-0.022210	-0.050882	0.018746	0.025871	-0.029755
	-0.055294	-0.037659	0.045040	-0.021390	0.061055	-0.049100
	0.082699					
y132	0.004737	-0.007418	-0.008920	0.014955	-0.040991	-0.011822
	0.031766	0.027530	0.039476	0.020872	0.033006	-0.048987
	0.050180	-0.001671	0.041940	-0.001354	-0.039162	0.054117
	0.002765	0.000944	-0.050426	0.017369	0.018249	0.018730
	-0.010063	0.008657	0.017733	0.045572	-0.034288	-0.085348
	0.029218					

z132	-0.043457	-0.016994	0.039131	0.004971	-0.040562	0.010927
	0.048067	0.039116	-0.082191	0.094746	-0.011823	0.009623
	-0.006819	-0.002128	0.057865	0.060809	-0.001007	-0.010604
	0.038191	0.049568	0.031694	0.000606	0.022891	0.011457
	0.046839	0.056166	-0.017127	0.049125	-0.033953	-0.037920
	0.017180					
x133	0.029259	-0.012306	-0.002834	-0.020153	-0.027624	-0.005179
	0.030042	0.013645	0.003721	0.061437	-0.022026	-0.011622
	-0.011324	0.012055	-0.029691	-0.026857	0.020616	-0.013226
	0.031117	-0.008581	-0.042658	0.021134	-0.001262	-0.059828
	-0.043498	-0.044814	0.008206	-0.010563	0.054799	-0.055852
	0.076793					
y133	0.004131	0.000288	-0.005496	0.023055	-0.031418	-0.011084
	0.023317	0.020658	0.043043	0.016834	0.021449	-0.020864
	0.032445	-0.001044	0.026266	-0.014818	-0.041119	0.037567
	0.004434	0.015232	-0.044177	0.017642	-0.018625	-0.013118
	-0.006427	0.004097	-0.036403	0.047594	-0.024828	-0.084288
	0.029400					
z133	-0.035505	-0.018068	0.032335	0.012716	-0.034041	0.018287
	0.046343	0.034064	-0.053910	0.092624	-0.029261	0.018813
	0.003158	0.010064	0.014214	0.058512	0.007539	-0.027741
	0.047960	0.054598	0.051463	-0.003399	-0.000334	-0.018704
	0.025926	0.009924	-0.035518	0.048670	-0.039532	-0.012352
	0.016988					
x134	0.033228	-0.009530	-0.005696	-0.025324	-0.026679	0.000939
	0.026101	0.018031	0.003693	0.051982	-0.021721	-0.006359
	-0.005620	0.008890	-0.040341	-0.023472	0.022967	-0.016597
	0.033179	-0.019042	-0.024918	0.014940	-0.007970	-0.052272
	-0.036261	-0.060048	-0.015409	-0.015086	0.026835	-0.015638
	0.077251					
y134	0.006881	-0.000460	-0.009326	0.024546	-0.025526	-0.002767
	0.013845	0.032602	0.043975	0.008270	0.018771	-0.003705
	0.024725	-0.011786	-0.005933	-0.022208	-0.019649	0.026136
	0.008331	0.001908	-0.024089	0.009353	-0.027624	-0.000220
	-0.006138	-0.013265	-0.062250	0.046511	-0.039085	-0.044689
	0.034690					
z134	-0.035799	-0.018498	0.029211	0.007485	-0.037503	0.018338
	0.037514	0.020159	-0.039217	0.077616	-0.033583	0.021851
	0.030199	0.011542	0.000986	0.069145	-0.000804	-0.046049
	0.036070	0.062952	0.025993	-0.009258	-0.022067	-0.034346
	0.012516	-0.004692	-0.021417	0.023468	-0.038814	0.000266
	-0.009322					

x135	0.035642	-0.006170	-0.005177	-0.033241	-0.022926	0.002903
	0.028443	0.013467	0.008753	0.044539	-0.031579	-0.000717
	-0.007111	0.014076	-0.041367	-0.015352	0.016375	-0.024335
	0.036334	-0.007425	-0.030446	0.002935	-0.025134	-0.035273
	-0.033356	-0.044519	-0.046442	-0.002585	0.023372	-0.018768
	0.069855					
y135	0.008522	0.000159	-0.008577	0.021188	-0.017760	-0.000395
	0.006800	0.029553	0.049549	0.004827	0.007777	0.003764
	0.014373	-0.006664	-0.018779	-0.021491	-0.016155	0.013343
	0.016509	0.015473	-0.028401	-0.005742	-0.052501	0.012047
	-0.021815	-0.003586	-0.095208	0.043717	-0.032107	-0.047246
	0.025891					
z135	-0.035990	-0.017586	0.021870	0.006148	-0.034426	0.023155
	0.033041	0.012795	-0.035660	0.050217	-0.037820	0.033149
	0.030429	0.012817	0.003554	0.070023	-0.002054	-0.050846
	0.028162	0.069496	0.011649	-0.002572	-0.010732	-0.040799
	0.029758	0.001111	-0.009732	0.014302	-0.032987	-0.002195
	0.000294					
x136	0.036971	-0.002709	-0.001013	-0.035557	-0.022296	0.004405
	0.030335	0.010706	0.011050	0.036631	-0.035923	0.001909
	-0.010539	0.011921	-0.030265	-0.004633	0.010010	-0.026738
	0.038521	0.006864	-0.045156	0.001138	-0.032130	-0.017154
	-0.025014	-0.021329	-0.052997	0.015017	0.022385	-0.018840
	0.061334					
y136	0.012042	0.000592	-0.006581	0.022388	-0.014956	0.000473
	-0.000229	0.030365	0.051719	0.000671	0.002022	0.004168
	0.001451	-0.011351	-0.020215	-0.015616	-0.009935	0.004642
	0.024723	0.031956	-0.047737	-0.009597	-0.063599	0.026204
	-0.025137	0.008473	-0.096470	0.057427	-0.027870	-0.041410
	0.022060					
z136	-0.035285	-0.016704	0.015091	0.001393	-0.028424	0.027922
	0.031354	0.004947	-0.033365	0.021240	-0.044420	0.038791
	0.027282	0.021636	0.003378	0.061600	0.001137	-0.051655
	0.026687	0.065732	0.001643	-0.009677	0.000804	-0.041417
	0.032391	0.013344	-0.019801	0.004042	-0.028913	-0.018244
	0.005169					
x137	0.035459	-0.000999	0.003414	-0.035413	-0.019620	0.010213
	0.033360	0.010196	0.008686	0.026926	-0.033659	0.005591
	-0.013751	0.011919	-0.019573	0.003646	0.008908	-0.025703
	0.039154	0.014474	-0.042237	-0.000650	-0.023775	-0.010202
	-0.025895	-0.006080	-0.057214	0.019556	0.022923	-0.013024
	0.060178					

y137	0.014829	-0.001877	-0.007333	0.022540	-0.013573	0.009216
	-0.002803	0.031138	0.049336	-0.005312	-0.001214	0.006732
	-0.006390	-0.005638	-0.017864	-0.012471	0.003859	0.005121
	0.036525	0.040699	-0.043012	-0.016872	-0.053432	0.025369
	-0.033388	0.015029	-0.095129	0.048774	-0.025511	-0.024115
	0.034675					
z137	-0.033738	-0.013256	0.010719	-0.002699	-0.021945	0.027625
	0.029875	0.000574	-0.030796	0.000798	-0.049825	0.041755
	0.020766	0.016754	0.004079	0.054790	0.006224	-0.059847
	0.020185	0.063628	-0.018845	-0.008636	-0.004588	-0.030503
	0.032071	0.028268	-0.033365	0.004897	-0.023585	-0.029907
	0.001799					
x138	0.033433	0.000607	0.009205	-0.035377	-0.014910	0.016060
	0.035315	0.008068	0.004631	0.017109	-0.029507	0.008275
	-0.012697	0.012744	-0.015565	0.008232	0.009307	-0.022774
	0.028039	0.011894	-0.031549	-0.001109	-0.015596	-0.004728
	-0.025541	0.004672	-0.062531	0.004822	0.016919	-0.017574
	0.060601					
y138	0.019822	-0.005184	-0.008574	0.018446	-0.010984	0.018293
	-0.004942	0.023591	0.045765	-0.010276	-0.003983	0.010824
	-0.008556	0.005645	-0.022497	-0.016319	0.017938	0.002822
	0.033691	0.034901	-0.031699	-0.020942	-0.042226	0.016596
	-0.040826	0.017931	-0.096686	-0.000791	-0.030112	-0.015085
	0.041281					
z138	-0.033224	-0.010129	0.006578	-0.004129	-0.014985	0.025706
	0.027461	0.005978	-0.025155	-0.014097	-0.054354	0.043422
	0.011862	0.004542	0.007847	0.057293	0.011182	-0.069314
	0.030555	0.075700	-0.037012	-0.010176	-0.007402	-0.018131
	0.022302	0.038426	-0.039201	0.033060	-0.011698	-0.023879
	0.006490					
x139	0.029749	0.002777	0.015855	-0.032975	-0.008343	0.021328
	0.034937	0.008137	0.001420	0.008109	-0.025098	0.012948
	-0.014488	0.011006	-0.009210	0.012384	0.006522	-0.017517
	0.018020	0.011453	-0.023981	0.002859	-0.010352	-0.002624
	-0.023108	0.014976	-0.059970	0.005119	0.017179	-0.014240
	0.052858					
y139	0.025366	-0.006546	-0.008495	0.015171	-0.007794	0.027077
	-0.010782	0.018757	0.045384	-0.019259	-0.010347	0.018605
	-0.014087	0.009836	-0.020985	-0.015444	0.029584	-0.004337
	0.036368	0.038998	-0.029836	-0.018637	-0.041262	0.009315
	-0.038633	0.018932	-0.084249	-0.016153	-0.035828	-0.010866
	0.030835					

z139	-0.032165	-0.006868	0.001830	-0.007925	-0.008747	0.021715
	0.027371	0.007306	-0.023192	-0.019955	-0.051384	0.037596
	0.010240	-0.004350	0.009896	0.050104	0.016647	-0.068593
	0.036905	0.073152	-0.045710	-0.014497	-0.000642	-0.002861
	0.012728	0.052707	-0.055141	0.039602	-0.006844	-0.013196
	0.007673					
x140	0.024177	0.005482	0.023150	-0.028870	-0.000889	0.025366
	0.032978	0.009309	-0.002336	0.001057	-0.018890	0.016125
	-0.016279	0.006735	-0.001382	0.012859	0.001123	-0.011656
	0.008398	0.008923	-0.017096	0.007026	-0.003926	-0.000783
	-0.022405	0.026681	-0.055739	0.008891	0.012892	-0.007472
	0.050611					
y140	0.027667	-0.005689	-0.006531	0.011181	-0.007672	0.033199
	-0.012421	0.014935	0.049921	-0.020475	-0.011349	0.018726
	-0.014315	0.010451	-0.015039	-0.021478	0.034931	-0.001248
	0.047024	0.039934	-0.036985	-0.029891	-0.028693	0.007780
	-0.036763	0.031946	-0.067728	0.003349	-0.049211	-0.009305
	0.034673					
z140	-0.029954	-0.005108	-0.001431	-0.011360	-0.000988	0.019850
	0.023049	0.012810	-0.025995	-0.029632	-0.048849	0.033734
	0.007999	-0.019377	0.009730	0.048576	0.025665	-0.075813
	0.036701	0.070884	-0.043775	-0.004560	-0.001801	0.008254
	0.005958	0.055242	-0.061285	0.029701	-0.011133	0.010669
	0.009864					
x141	0.017757	0.007925	0.029852	-0.024831	0.006360	0.027563
	0.031078	0.012424	-0.006955	-0.003209	-0.011368	0.017938
	-0.018256	0.003215	0.004243	0.013784	-0.004936	-0.004410
	-0.000521	0.004207	-0.008503	0.009164	0.001555	0.001197
	-0.025420	0.034541	-0.050814	0.009303	0.010989	0.000321
	0.053477					
y141	0.027837	-0.007115	-0.003450	0.007322	-0.004939	0.037316
	-0.015873	0.016664	0.048668	-0.016335	-0.010467	0.022969
	-0.012145	-0.002827	-0.002269	-0.012848	0.038514	-0.000938
	0.047387	0.042774	-0.031340	-0.034663	-0.019097	0.008481
	-0.034174	0.028466	-0.065594	-0.002310	-0.050796	-0.000975
	0.059762					
z141	-0.027397	-0.002496	-0.004466	-0.015319	0.002765	0.016140
	0.022059	0.013912	-0.024406	-0.034721	-0.042643	0.026334
	0.009145	-0.027328	0.002238	0.040691	0.035274	-0.069735
	0.038655	0.057604	-0.041446	-0.009258	-0.000090	0.013874
	-0.005957	0.063011	-0.064824	0.040304	-0.019076	0.033715
	0.012710					

x142	0.011406	0.009320	0.035674	-0.019156	0.012173	0.028564
	0.030630	0.015164	-0.011687	-0.000546	-0.005720	0.019392
	-0.018051	0.000643	0.007326	0.011991	-0.010742	-0.001595
	-0.006906	0.001742	0.000244	0.008616	0.008196	-0.004622
	-0.016998	0.038794	-0.038996	0.011836	0.004309	0.001673
	0.047020					
y142	0.028278	-0.011582	-0.001368	0.005737	-0.008228	0.035310
	-0.015506	0.012094	0.042836	-0.010270	-0.007429	0.027906
	-0.007611	-0.006756	0.003461	-0.014858	0.048977	-0.011793
	0.037128	0.050569	-0.020287	-0.033497	-0.017983	-0.009475
	-0.023799	0.020813	-0.058189	0.001038	-0.065482	-0.011424
	0.045283					
z142	-0.025418	0.000329	-0.003106	-0.015116	0.006395	0.014262
	0.021806	0.015015	-0.022784	-0.019735	-0.037298	0.021857
	0.016168	-0.043786	-0.007878	0.034626	0.034893	-0.065104
	0.052339	0.044776	-0.043693	-0.025396	0.000543	0.012103
	0.000987	0.058053	-0.043189	0.050018	-0.036654	0.060635
	0.002714					
x143	0.000682	0.013532	0.038929	-0.011825	0.016702	0.027979
	0.028224	0.019498	-0.018738	0.001389	-0.003196	0.016795
	-0.016860	0.004233	0.010849	0.010228	-0.020269	-0.000722
	-0.016958	0.003277	0.013128	0.006172	0.010830	-0.013084
	-0.010679	0.040907	-0.028232	0.009210	0.004604	0.001581
	0.026690					
y143	0.027194	-0.015996	0.007762	0.005830	-0.005068	0.037942
	-0.013724	0.003075	0.037858	-0.007993	-0.006906	0.033190
	-0.007320	-0.010942	0.016066	-0.013447	0.042015	-0.004271
	0.025854	0.049996	0.002032	-0.027467	-0.002933	-0.008047
	-0.016581	-0.000924	-0.015523	0.001821	-0.054336	-0.022959
	0.057716					
z143	-0.027657	0.004969	0.000908	-0.026329	0.006767	0.009466
	0.015308	0.016416	-0.019945	-0.008171	-0.035286	0.020766
	0.015659	-0.055697	0.002925	0.028001	0.032612	-0.051882
	0.044396	0.037662	-0.032358	-0.048046	0.005775	-0.005685
	-0.017050	0.033008	-0.041111	0.042841	-0.039825	0.068724
	-0.036840					
x144	-0.006477	0.017208	0.036201	-0.007944	0.017849	0.023627
	0.027143	0.022711	-0.022257	0.003902	-0.004534	0.008697
	-0.015513	0.014503	0.008051	0.009752	-0.026048	-0.001768
	-0.015878	0.007997	0.019436	0.004482	0.009777	-0.017016
	-0.008011	0.043160	-0.016854	0.005303	0.011334	0.003302
	0.014845					

y144	0.026745	-0.018356	0.014263	0.007671	-0.008064	0.042782
	-0.015420	0.005378	0.033775	-0.007279	-0.002627	0.033454
	-0.003525	-0.018251	0.026357	-0.016655	0.038959	0.006487
	0.011488	0.042863	0.006928	-0.021599	-0.005815	-0.013878
	-0.009285	-0.015305	-0.006567	-0.004715	-0.072523	-0.046827
	0.033087					
z144	-0.030180	0.009020	0.008606	-0.036894	0.010498	0.006687
	0.011429	0.019154	-0.014946	-0.003707	-0.032945	0.023324
	0.008591	-0.054312	0.006820	0.018986	0.031091	-0.022838
	0.050942	0.030165	-0.024220	-0.049201	0.028490	-0.013721
	-0.034853	0.029331	-0.024658	0.053324	-0.020420	0.070682
	-0.017248					
x145	-0.010593	0.018366	0.028942	-0.006559	0.019002	0.017580
	0.026455	0.023010	-0.025039	0.005368	-0.002441	-0.004283
	-0.015005	0.023165	0.006010	0.006144	-0.032393	-0.013831
	-0.018717	0.013349	0.020863	0.007250	-0.009057	-0.018581
	-0.003169	0.045918	-0.018124	-0.012833	0.010104	0.003429
	-0.020513					
y145	0.021481	-0.018964	0.019440	0.007437	-0.016184	0.042968
	-0.017751	0.010046	0.028988	-0.002891	-0.006368	0.035480
	-0.001371	-0.011340	0.034005	-0.004919	0.049247	0.016225
	0.016705	0.035783	0.006882	-0.018161	0.015511	-0.018913
	0.006521	-0.017828	0.007358	-0.001303	-0.073548	-0.057391
	0.063369					
z145	-0.024811	0.014461	0.012429	-0.036235	0.011250	0.000152
	0.009399	0.017586	-0.014825	-0.010779	-0.029867	0.025329
	0.010980	-0.057925	-0.006939	-0.022847	0.016190	0.009172
	0.051687	0.037573	-0.013403	-0.057075	0.034798	-0.007997
	-0.059536	0.016220	-0.025140	0.010919	-0.018173	0.075759
	-0.065077					
x146	-0.015706	0.021732	0.022863	-0.005680	0.017254	0.010313
	0.026619	0.023480	-0.030826	0.011962	-0.006974	-0.015211
	-0.009875	0.031079	0.001285	0.014443	-0.032359	-0.022274
	-0.020025	0.019868	0.016056	0.001355	-0.008246	-0.016818
	-0.009471	0.038806	-0.022397	-0.017674	0.013456	-0.003611
	-0.037581					
y146	0.019737	-0.020287	0.019151	0.010141	-0.018401	0.042164
	-0.020274	0.012156	0.032234	-0.005853	-0.006073	0.035897
	-0.007669	-0.009064	0.036129	-0.011785	0.046803	0.027268
	0.019565	0.027068	0.011090	-0.007268	0.007192	-0.025326
	0.028755	-0.008063	0.029599	0.000630	-0.066420	-0.044340
	0.064504					

z146	-0.031408	0.017215	0.017492	-0.045968	0.013776	0.003256
	0.005240	0.013874	-0.012688	-0.002375	-0.019095	0.024920
	0.005828	-0.058955	0.005129	-0.021695	0.017415	0.013671
	0.044056	0.022558	-0.007068	-0.052162	0.026823	-0.016345
	-0.062870	0.013816	-0.032463	0.006314	-0.009100	0.051824
	-0.068574					
x147	-0.019191	0.022120	0.016221	-0.003808	0.016062	0.003585
	0.026790	0.024787	-0.032586	0.010030	-0.010341	-0.021672
	-0.009830	0.037443	-0.003733	0.020364	-0.036391	-0.028730
	-0.014287	0.031324	0.014450	0.001309	-0.014970	-0.007598
	-0.011967	0.032184	-0.015111	-0.019361	0.015886	-0.004804
	-0.043159					
y147	0.016046	-0.018707	0.019343	0.011790	-0.021278	0.038444
	-0.021980	0.009503	0.029753	0.002807	-0.005864	0.027929
	-0.005073	-0.002261	0.034106	-0.014640	0.049026	0.034111
	0.016049	0.008716	0.005071	-0.005313	0.008640	-0.038125
	0.044230	0.006803	0.022076	-0.008902	-0.056305	-0.048810
	0.054584					
z147	-0.029712	0.019701	0.020524	-0.043631	0.013573	0.002144
	0.001109	0.017691	-0.011266	-0.014367	-0.015933	0.031798
	-0.002518	-0.060903	-0.005328	-0.039457	0.009282	0.021429
	0.049181	0.038750	0.001240	-0.047757	0.021805	-0.011192
	-0.064987	0.003000	-0.013632	-0.009458	-0.004242	0.043106
	-0.066812					
x148	-0.021742	0.022263	0.010349	-0.003744	0.013844	-0.003544
	0.026179	0.024169	-0.031302	0.012939	-0.012921	-0.028392
	-0.004743	0.045008	-0.005831	0.025912	-0.032167	-0.034717
	-0.009720	0.032472	0.009659	-0.003125	-0.014987	-0.007694
	-0.010380	0.046022	-0.020360	-0.030951	0.021333	-0.015176
	-0.048208					
y148	0.011387	-0.018396	0.018075	0.016046	-0.022417	0.032692
	-0.022182	0.010193	0.023128	0.001898	-0.006029	0.020275
	-0.008863	0.003393	0.027244	-0.013523	0.039804	0.036830
	0.016185	0.006644	0.001207	0.000914	-0.000292	-0.032357
	0.049224	-0.000797	0.027450	-0.004730	-0.047823	-0.039950
	0.046010					
z148	-0.032931	0.021467	0.022208	-0.043938	0.008474	0.004615
	-0.002110	0.014285	-0.008321	-0.007825	-0.009948	0.030210
	-0.011483	-0.058238	-0.004503	-0.048294	0.016732	0.024175
	0.053714	0.017063	-0.004809	-0.044075	0.016660	-0.025194
	-0.033453	0.022126	-0.000375	-0.005530	-0.014401	0.011849
	-0.042146					

x149	-0.025149	0.020661	0.005880	-0.005518	0.014148	-0.010383
	0.021913	0.023800	-0.029782	0.009787	-0.017545	-0.034986
	-0.000276	0.052113	-0.012538	0.020979	-0.038486	-0.025947
	0.004475	0.037799	0.009867	0.001191	-0.010416	-0.001476
	0.002137	0.046739	-0.020223	-0.033299	0.017195	-0.025822
	-0.046495					
y149	0.006561	-0.016727	0.015269	0.019608	-0.023974	0.025924
	-0.018592	0.010780	0.015955	0.004304	-0.004168	0.014080
	-0.012930	0.007226	0.025644	-0.002069	0.040869	0.019700
	0.006403	-0.000398	-0.008697	0.001662	-0.017337	-0.027246
	0.039395	0.000796	0.026379	-0.003991	-0.033263	-0.024745
	0.034932					
z149	-0.031412	0.024184	0.021064	-0.036477	0.001017	0.005336
	-0.004880	0.011445	-0.007337	-0.009599	-0.011829	0.031378
	-0.007248	-0.052028	-0.023061	-0.070582	0.005789	0.046576
	0.068613	0.019311	-0.002983	-0.057756	0.037781	-0.013916
	-0.003767	0.029396	0.019657	0.000752	-0.008320	-0.003922
	-0.015957					
x150	-0.026241	0.019109	0.006268	-0.006323	0.016686	-0.021803
	0.026844	0.029537	-0.026619	-0.001103	-0.018159	-0.022949
	-0.001122	0.065040	-0.024898	0.016450	-0.033421	-0.015811
	0.015656	0.046780	0.013007	0.002912	-0.023288	0.017859
	-0.009975	0.051519	-0.015287	-0.048443	-0.000615	-0.030370
	-0.039705					
y150	-0.001137	-0.010870	0.007847	0.020238	-0.024012	0.020368
	-0.022227	0.002278	0.001949	0.014763	-0.008147	0.001278
	-0.009209	-0.005004	0.035133	0.010262	0.036244	-0.007080
	-0.017352	-0.012137	-0.017913	0.001431	-0.017069	-0.023764
	0.034207	-0.009653	0.006573	0.006088	-0.007763	0.005038
	0.007908					
z150	-0.029216	0.021134	0.023784	-0.025736	-0.005621	0.004474
	-0.007289	0.023767	-0.003822	-0.025393	-0.009234	0.039670
	-0.013015	-0.031825	-0.049525	-0.075145	-0.002718	0.056691
	0.091316	0.040334	0.001505	-0.060974	0.042143	-0.000388
	0.029207	0.049766	0.067990	0.012894	-0.011646	-0.037143
	0.049930					
x151	-0.029241	0.017143	0.008583	-0.013824	0.016215	-0.030222
	0.025107	0.026745	-0.023017	-0.001956	-0.012551	-0.016774
	0.008604	0.068506	-0.023757	0.011392	-0.030456	-0.018151
	0.027050	0.033539	0.004364	0.024038	-0.047378	0.031870
	-0.001333	0.061861	-0.036547	-0.033997	-0.000252	-0.025167
	-0.019441					

y151	-0.005265	-0.009105	0.003771	0.022233	-0.022735	0.008756
	-0.019441	0.004002	0.000976	0.012267	-0.007659	-0.008859
	-0.012625	0.007457	0.029085	0.014721	0.032271	-0.006330
	-0.012335	-0.011925	-0.019709	0.000539	-0.020312	-0.017383
	0.032724	0.009819	0.012376	0.002798	0.000524	0.005043
	0.010058					
z151	-0.031242	0.021513	0.021366	-0.021688	-0.016586	0.008114
	-0.009679	0.018226	-0.008388	-0.014914	-0.004630	0.043163
	-0.006914	-0.021454	-0.052077	-0.072971	-0.003258	0.053965
	0.090950	0.022908	-0.003613	-0.060552	0.054538	0.006016
	0.088818	0.068901	0.083281	0.036599	-0.017037	-0.064076
	0.108406					
x152	-0.029208	0.018869	0.008651	-0.018761	0.017588	-0.033823
	0.023963	0.027769	-0.023149	0.002170	-0.010305	-0.012476
	0.006936	0.054577	-0.013869	0.023412	-0.013241	-0.032865
	0.006973	0.027323	0.000349	0.013106	-0.050231	0.050826
	0.008973	0.046342	-0.063081	-0.033171	0.002033	-0.002117
	-0.008555					
y152	-0.010209	-0.006911	0.000073	0.019232	-0.018586	-0.002466
	-0.017749	0.005084	0.001444	0.010837	-0.007851	-0.010016
	-0.012914	0.010300	0.032374	0.016861	0.029018	-0.013991
	-0.018003	-0.006071	-0.013033	0.001996	-0.021629	-0.012124
	0.027648	0.017627	0.010216	-0.001226	0.000869	0.007766
	0.007685					
z152	-0.027208	0.022255	0.011961	-0.018741	-0.014046	0.008685
	-0.013497	0.013813	-0.016795	-0.009930	-0.003599	0.038811
	0.007705	-0.024836	-0.038684	-0.068796	-0.012321	0.026511
	0.070944	0.030271	-0.015109	-0.062334	0.050001	0.007162
	0.083771	0.047258	0.049735	0.022376	-0.015706	-0.014787
	0.050638					
x153	-0.028182	0.023730	0.007812	-0.020971	0.015030	-0.032972
	0.018918	0.028751	-0.018608	0.010979	-0.009353	-0.002795
	0.005968	0.047953	-0.011474	0.026896	-0.004232	-0.029249
	-0.004720	0.039772	-0.000550	0.018207	-0.030560	0.031760
	-0.000700	0.053935	-0.067052	-0.041072	0.000726	0.021630
	-0.022337					
y153	-0.015539	-0.005010	-0.003375	0.013719	-0.013708	-0.012780
	-0.015390	0.006986	0.005128	0.011869	-0.005245	-0.009937
	-0.013878	0.013731	0.037878	0.021998	0.028917	-0.020903
	-0.023331	-0.001392	-0.007208	0.006613	-0.023245	-0.010320
	0.023718	0.026806	0.013232	-0.001035	-0.002560	0.015204
	0.008816					

z153	-0.023523	0.026852	0.007215	-0.013820	-0.011590	0.010814
	-0.017868	0.012200	-0.023782	-0.000772	-0.012241	0.044177
	0.017890	-0.036768	-0.033628	-0.064793	-0.020079	0.018985
	0.053475	0.042887	-0.020064	-0.065218	0.068457	-0.001313
	0.060591	0.027455	0.033712	0.033997	-0.005866	0.023333
	0.029523					
x154	-0.029804	0.024168	0.005632	-0.020241	0.011704	-0.028688
	0.015567	0.025072	-0.016391	0.011546	-0.009033	-0.005199
	0.013300	0.047256	-0.014667	0.035743	0.007932	-0.018713
	-0.003946	0.036034	0.007501	0.021640	-0.024195	0.033510
	-0.004108	0.051140	-0.052016	-0.042713	0.003364	0.027826
	-0.019511					
y154	-0.020209	-0.003322	-0.006699	0.009065	-0.008228	-0.023114
	-0.011722	0.008039	0.008022	0.010503	-0.003746	-0.010403
	-0.010115	0.017045	0.040731	0.021640	0.028741	-0.023404
	-0.024630	-0.000089	0.001522	0.012281	-0.025236	-0.001910
	0.019645	0.032675	0.017286	-0.012230	-0.005564	0.023379
	0.005110					
z154	-0.022966	0.029363	0.003472	-0.009810	-0.008873	0.012484
	-0.022508	0.010722	-0.027260	0.007648	-0.021396	0.046906
	0.025955	-0.049397	-0.027259	-0.049054	-0.023682	0.017174
	0.043481	0.047812	-0.023083	-0.075320	0.080399	-0.009217
	0.038437	0.008517	0.034623	0.071351	0.005520	0.045248
	0.037382					
x155	-0.030177	0.025523	0.002619	-0.019792	0.009526	-0.021421
	0.012000	0.024542	-0.010708	0.012029	-0.013280	-0.001931
	0.008335	0.035709	-0.012957	0.034456	0.010269	-0.019751
	-0.006872	0.027324	0.008958	0.019841	-0.023739	0.040192
	0.000106	0.048460	-0.033249	-0.022824	0.006047	0.024119
	-0.026916					
y155	-0.023672	-0.000883	-0.010441	0.004053	-0.002839	-0.031545
	-0.008547	0.008952	0.012181	0.008691	-0.004633	-0.007600
	-0.011479	0.014092	0.044749	0.015026	0.024003	-0.029614
	-0.027220	-0.002214	0.009677	0.016298	-0.029488	0.009017
	0.021670	0.037080	0.024561	-0.018455	-0.004809	0.031595
	-0.006060					
z155	-0.019402	0.027212	-0.000111	-0.006892	-0.003552	0.009907
	-0.025429	0.007847	-0.033326	0.008846	-0.023540	0.044081
	0.027862	-0.061317	-0.019699	-0.059545	-0.029376	-0.001848
	0.031672	0.046837	-0.029038	-0.056246	0.065840	-0.009252
	0.035510	0.001674	0.017825	0.043029	-0.012457	0.058466
	-0.007682					

x156	-0.027354	0.029571	-0.001815	-0.021369	0.004771	-0.016577
	0.006242	0.018152	-0.010951	0.015948	-0.015904	0.006497
	0.001261	0.031405	-0.013670	0.036325	0.010884	-0.014585
	-0.015114	0.027894	0.018028	0.020085	-0.023471	0.031746
	0.004997	0.049458	-0.035654	-0.010871	-0.004729	0.025641
	-0.023710					
y156	-0.026235	0.003547	-0.015096	-0.003421	0.000158	-0.039340
	-0.007152	0.006637	0.014911	0.012340	-0.005579	-0.001366
	-0.013544	0.015050	0.047488	0.015651	0.020209	-0.027392
	-0.032483	-0.000036	0.022608	0.017296	-0.027942	0.007696
	0.020598	0.042826	0.022667	-0.015755	-0.009549	0.042293
	0.000549					
z156	-0.015661	0.027153	-0.003272	-0.005860	0.000895	0.006923
	-0.029858	0.006457	-0.036609	0.015209	-0.025901	0.044930
	0.029933	-0.068243	-0.012892	-0.057919	-0.035123	-0.006275
	0.019517	0.049278	-0.030698	-0.050017	0.058516	-0.007665
	0.028610	0.001132	0.000481	0.037092	-0.025243	0.066531
	-0.022180					
x157	-0.026567	0.030307	-0.002269	-0.020653	0.002504	-0.003257
	-0.000779	0.015201	-0.010115	0.019392	-0.024373	0.011828
	-0.000383	0.020059	-0.018705	0.038969	0.011983	-0.012614
	-0.021378	0.015991	0.010979	0.023377	-0.023796	0.034979
	0.006541	0.042343	-0.035366	-0.011695	-0.016520	0.023196
	-0.031184					
y157	-0.029811	0.005158	-0.018079	-0.009476	0.003570	-0.040011
	-0.007891	0.007616	0.019059	0.015985	-0.011245	0.002040
	-0.011970	0.011546	0.045138	0.020141	0.013909	-0.027958
	-0.038056	-0.004909	0.023981	0.016164	-0.028504	0.016210
	0.013409	0.043894	0.022793	-0.022560	-0.013426	0.048514
	-0.000986					
z157	-0.013258	0.025847	-0.001472	-0.004759	0.007124	0.005953
	-0.034494	0.008183	-0.037125	0.022929	-0.032643	0.045584
	0.027614	-0.082705	-0.008808	-0.058446	-0.033770	-0.010712
	0.012272	0.042294	-0.036241	-0.032660	0.044782	-0.009568
	0.020614	-0.001380	-0.014230	0.024630	-0.043671	0.063208
	-0.032337					
x158	-0.022726	0.028796	-0.003286	-0.017289	-0.003341	0.006837
	-0.005431	0.012957	-0.009707	0.016037	-0.030195	0.014226
	0.002405	0.017175	-0.025595	0.036179	0.012195	-0.008784
	-0.018810	0.005996	0.007798	0.012626	-0.021321	0.028596
	0.008976	0.035005	-0.027138	-0.008736	-0.003842	0.014631
	-0.020400					

y158	-0.030814	0.004039	-0.022565	-0.013977	0.003447	-0.042903
	-0.005892	0.008341	0.023973	0.010897	-0.013826	0.001893
	-0.007087	0.018911	0.040724	0.019636	0.007720	-0.024658
	-0.028720	-0.011773	0.029331	0.004390	-0.025320	0.007280
	0.010873	0.047553	0.037215	-0.027203	0.005433	0.041540
	0.021626					
z158	-0.007726	0.024541	-0.000278	-0.001843	0.010394	0.000174
	-0.039363	0.009850	-0.037863	0.027130	-0.039229	0.043348
	0.028212	-0.095215	-0.008393	-0.057589	-0.032980	-0.005877
	0.008743	0.045260	-0.034277	-0.041820	0.038672	-0.007098
	0.006106	-0.005823	-0.018509	0.027310	-0.038353	0.063403
	-0.030913					
x159	-0.019538	0.029609	-0.002766	-0.013466	-0.006573	0.017855
	-0.010123	0.010475	-0.010457	0.017056	-0.036538	0.019831
	0.000557	0.012002	-0.024170	0.044704	0.011141	-0.007278
	-0.020327	0.007829	0.007594	0.007270	-0.014845	0.021856
	0.015016	0.024385	-0.021411	0.012032	-0.000895	0.008005
	-0.008447					
y159	-0.033621	0.005848	-0.026848	-0.018518	0.007955	-0.040968
	-0.004193	0.004935	0.025149	0.012865	-0.018774	0.005850
	-0.009221	0.023989	0.046380	0.037049	0.001646	-0.029568
	-0.029979	-0.000733	0.041311	0.006199	-0.018485	-0.005596
	0.010021	0.043494	0.044180	-0.009830	0.005094	0.036208
	0.027908					
z159	-0.005844	0.019309	0.001011	-0.004185	0.015937	-0.004014
	-0.045604	0.012663	-0.034854	0.035163	-0.038093	0.039259
	0.021249	-0.101797	0.001164	-0.039453	-0.027976	-0.005980
	0.008708	0.048312	-0.029216	-0.042403	0.023366	-0.010390
	0.006823	0.005166	-0.021455	0.043783	-0.044974	0.045337
	-0.010747					
x160	-0.014044	0.028301	0.000544	-0.009513	-0.009983	0.026018
	-0.014953	0.008214	-0.009446	0.018616	-0.035457	0.022121
	-0.001631	0.004484	-0.023360	0.044027	0.009620	-0.008076
	-0.020645	0.002732	0.004622	0.003754	-0.008813	0.024124
	0.021871	0.014901	-0.023157	0.016237	0.002310	0.001580
	-0.012838					
y160	-0.034239	0.001590	-0.028071	-0.022667	0.012666	-0.034117
	-0.004489	0.000130	0.028042	0.014372	-0.013142	0.005700
	-0.007856	0.030896	0.038830	0.041444	-0.004761	-0.034921
	-0.030375	-0.004073	0.051263	0.009336	-0.007788	-0.005228
	0.008373	0.039243	0.038953	-0.019079	0.007094	0.026041
	-0.002120					

z160	-0.001201	0.011141	0.004293	-0.004215	0.019740	-0.008647
	-0.050969	0.011893	-0.031931	0.040754	-0.033848	0.032133
	0.013904	-0.109624	0.001798	-0.036526	-0.021872	-0.006066
	0.006380	0.047508	-0.023898	-0.036193	0.002221	-0.006685
	0.004677	0.023109	-0.037051	0.025609	-0.046092	0.025293
	-0.021808					
x161	-0.009410	0.028246	0.003517	-0.006848	-0.014170	0.028264
	-0.020484	0.006678	-0.006074	0.019373	-0.031932	0.023522
	-0.003240	-0.000143	-0.018464	0.039885	0.006942	-0.004774
	-0.018927	-0.003836	-0.001063	0.002960	-0.005076	0.026232
	0.026088	0.008472	-0.019512	0.013326	0.004926	0.000458
	-0.007844					
y161	-0.033936	-0.001532	-0.027657	-0.027633	0.011045	-0.030353
	-0.008296	-0.005620	0.031118	0.019516	-0.017271	0.005548
	-0.006536	0.033277	0.031318	0.047476	-0.016418	-0.026047
	-0.035498	0.000926	0.064312	0.013117	-0.002503	-0.018105
	-0.001270	0.058760	0.031898	-0.026738	0.011296	0.012013
	-0.001052					
z161	-0.000610	0.011108	0.002345	-0.001052	0.021427	-0.011661
	-0.056275	0.007353	-0.023603	0.045339	-0.027976	0.025636
	0.004294	-0.096326	0.001537	-0.029867	-0.017762	0.004060
	0.012205	0.038231	-0.017730	-0.022869	0.002633	-0.010372
	-0.007653	0.005679	-0.026901	0.010868	-0.018787	0.013449
	-0.014193					
x162	-0.005169	0.029008	0.007378	-0.004160	-0.017056	0.027226
	-0.023833	0.009609	-0.003047	0.020246	-0.027540	0.025641
	-0.005196	-0.005390	-0.010759	0.033340	0.006467	-0.004751
	-0.016757	-0.012494	-0.012020	0.005929	-0.005621	0.030011
	0.027772	0.003428	-0.018535	0.009511	0.000509	-0.001054
	-0.004096					
y162	-0.035101	-0.002555	-0.027953	-0.028938	0.015890	-0.021724
	-0.004421	-0.003268	0.028581	0.017977	-0.019284	0.002562
	0.001108	0.029602	0.025363	0.058846	-0.019016	-0.029714
	-0.043755	0.006168	0.066287	0.027616	-0.002890	-0.021273
	-0.015643	0.054825	0.041644	-0.021190	0.023762	0.004853
	-0.023828					
z162	-0.002273	0.010628	0.001662	0.000055	0.028943	-0.012514
	-0.057717	0.009831	-0.021050	0.046324	-0.023164	0.017713
	-0.001404	-0.084694	0.006255	-0.022589	-0.006156	0.005904
	0.016703	0.026743	-0.023750	-0.006268	-0.000170	-0.010169
	-0.020871	-0.005303	-0.019638	0.003801	-0.012847	-0.006226
	-0.020516					

x163	-0.000468	0.029518	0.010740	-0.001079	-0.020778	0.024868
	-0.025438	0.012541	0.000335	0.020592	-0.023283	0.026683
	-0.006559	-0.009397	-0.003422	0.026730	0.004069	-0.004958
	-0.014562	-0.021866	-0.020820	0.005166	-0.006747	0.036368
	0.028403	0.000839	-0.012673	0.004350	-0.002145	-0.001705
	-0.000468					
y163	-0.031750	-0.004316	-0.027902	-0.026521	0.014438	-0.016306
	-0.003961	-0.001053	0.035455	0.015396	-0.024569	-0.001068
	0.007020	0.027019	0.017991	0.064582	-0.025270	-0.023529
	-0.037450	0.016759	0.069174	0.030628	-0.002615	-0.043603
	-0.011600	0.054106	0.025482	-0.012400	0.035416	0.015630
	-0.033580					
z163	-0.000842	0.009170	-0.000178	0.004119	0.032573	-0.012400
	-0.057362	0.009868	-0.013088	0.043750	-0.020678	0.010993
	-0.005955	-0.074837	0.008516	-0.018614	-0.005766	0.010193
	0.024460	0.021303	-0.019713	-0.001801	0.000267	-0.017147
	-0.023145	-0.008470	-0.018486	-0.000159	0.001051	-0.003661
	-0.017728					
x164	0.003693	0.029650	0.014478	0.003617	-0.023691	0.022329
	-0.025823	0.017922	0.003536	0.020562	-0.020025	0.028197
	-0.007444	-0.014302	0.003811	0.021217	0.001711	-0.004547
	-0.011227	-0.028958	-0.027923	0.010121	-0.010897	0.042818
	0.025804	0.001591	-0.010355	-0.001075	-0.005469	-0.000593
	-0.002966					
y164	-0.029071	-0.002313	-0.025868	-0.031902	0.017084	-0.015796
	-0.004323	-0.004733	0.035594	0.017173	-0.025221	-0.002715
	0.009189	0.026996	0.011430	0.056131	-0.021874	-0.023263
	-0.027858	0.010873	0.059304	0.029309	0.004423	-0.054613
	-0.005617	0.050723	0.024281	-0.000836	0.031309	-0.014443
	-0.012042					
z164	-0.001170	0.007680	0.000760	0.001670	0.040600	-0.013764
	-0.057904	0.009627	-0.010023	0.045487	-0.016064	0.005297
	-0.010765	-0.064988	0.011897	-0.020836	0.001486	0.008636
	0.029666	0.007275	-0.024027	0.006404	-0.003124	-0.022873
	-0.021475	-0.002078	-0.016371	0.001225	-0.002421	-0.034985
	-0.002842					
x165	0.007298	0.030690	0.016234	0.007535	-0.026322	0.017976
	-0.023911	0.021112	0.004647	0.023022	-0.016357	0.027039
	-0.009457	-0.016347	0.008430	0.011332	-0.004101	-0.002352
	-0.007547	-0.036729	-0.033067	0.015607	-0.013695	0.042095
	0.022324	0.007166	-0.007589	-0.008915	-0.002524	0.002203
	0.006671					

y165	-0.026165	-0.003460	-0.022593	-0.031690	0.017914	-0.012148
	-0.006256	-0.001611	0.043374	0.012130	-0.023723	0.003009
	0.016153	0.023415	0.007615	0.062630	-0.025370	-0.026941
	-0.025870	0.015955	0.056270	0.017928	-0.001645	-0.041872
	-0.003995	0.034670	0.012280	0.020979	0.031023	-0.033520
	-0.025565					
z165	-0.001211	0.001609	0.000723	0.001985	0.045715	-0.009975
	-0.055799	0.011360	0.000539	0.041161	-0.011252	0.004077
	-0.008363	-0.056739	0.016208	-0.014514	-0.002246	0.002366
	0.030245	0.002361	-0.020867	-0.004358	-0.003528	-0.010298
	-0.022314	0.001355	-0.019823	0.008148	0.007180	-0.049741
	-0.012511					
x166	0.009890	0.030539	0.019048	0.011962	-0.027818	0.015771
	-0.020917	0.027308	0.007533	0.020671	-0.013793	0.028073
	-0.009014	-0.018848	0.011036	0.006958	-0.011337	-0.006932
	-0.005857	-0.038775	-0.038117	0.017409	-0.021215	0.053577
	0.013344	0.009403	-0.006333	-0.012191	0.001770	-0.007353
	0.008967					
y166	-0.020396	-0.002813	-0.020495	-0.033681	0.016718	-0.014163
	-0.008955	-0.004630	0.040501	0.015534	-0.022028	0.000966
	0.015836	0.022436	0.004318	0.055421	-0.028952	-0.009492
	-0.019659	0.009074	0.054491	0.017755	0.002867	-0.053692
	0.005044	0.023078	0.001197	0.030691	0.020934	-0.029973
	-0.022935					
z166	0.000850	-0.002439	0.000640	0.000125	0.051830	-0.009858
	-0.053289	0.009447	-0.000870	0.045605	-0.007889	-0.001784
	-0.009235	-0.046599	0.013798	-0.015667	-0.005930	0.010996
	0.027355	-0.006900	-0.013882	-0.001866	-0.002831	-0.022893
	-0.019248	0.005065	-0.019109	0.002594	0.010336	-0.054374
	-0.010916					
x167	0.011755	0.030710	0.020656	0.014952	-0.028253	0.013631
	-0.017332	0.029201	0.010726	0.022918	-0.012591	0.030653
	-0.008089	-0.017181	0.015618	0.000946	-0.019461	-0.005648
	-0.005526	-0.045183	-0.041887	0.014704	-0.030207	0.057996
	0.003149	0.018408	-0.019959	-0.008792	0.010929	-0.019067
	0.001616					
y167	-0.015217	-0.001882	-0.016086	-0.031515	0.015051	-0.017469
	-0.009467	0.003009	0.038600	0.012948	-0.018993	0.002584
	0.018737	0.017675	-0.004026	0.051483	-0.025023	-0.004329
	-0.008478	0.009057	0.045135	0.029937	0.010157	-0.050571
	0.010366	0.004714	0.003501	0.026105	0.006195	-0.030270
	-0.012919					

z167	0.002915	-0.007648	0.003212	-0.000386	0.058833	-0.008876
	-0.049582	0.015237	-0.003361	0.047074	-0.006103	-0.003672
	-0.004852	-0.037367	0.005315	-0.012669	-0.004730	0.010161
	0.025893	-0.008992	-0.015206	0.008087	0.004307	-0.028891
	-0.018376	0.003854	-0.017486	-0.007996	0.005570	-0.064109
	-0.011587					
x168	0.013643	0.031444	0.021420	0.017275	-0.026376	0.011582
	-0.011890	0.031678	0.010688	0.025409	-0.010746	0.029684
	-0.005743	-0.017545	0.014104	-0.006908	-0.028056	-0.005416
	0.000580	-0.050216	-0.038012	0.019281	-0.034875	0.059777
	0.002648	0.010406	-0.010399	-0.013887	0.019661	-0.028767
	0.010896					
y168	-0.009906	-0.001561	-0.013563	-0.028056	0.009842	-0.019406
	-0.009585	0.006093	0.039256	0.010711	-0.017151	0.008334
	0.016381	0.016928	-0.008757	0.053755	-0.030706	-0.001781
	-0.007293	0.004214	0.031530	0.027518	0.003426	-0.044677
	0.011156	0.001660	-0.015843	0.034164	-0.002497	-0.028868
	-0.019425					
z168	0.007673	-0.015444	0.003499	-0.000954	0.058863	-0.004106
	-0.045035	0.015526	0.000124	0.045271	-0.005855	0.001002
	-0.006530	-0.022910	-0.004299	-0.000553	-0.023298	-0.002994
	0.015293	-0.008848	-0.009543	-0.009462	-0.002847	-0.033704
	-0.018870	0.018763	-0.030485	-0.002483	0.012372	-0.061813
	-0.021101					
x169	0.014800	0.029199	0.020592	0.020705	-0.027387	0.010649
	-0.004699	0.032020	0.011809	0.030087	-0.009182	0.038270
	-0.002317	-0.011067	0.014051	-0.011725	-0.040262	-0.008101
	0.004554	-0.058482	-0.036393	0.011548	-0.043924	0.057742
	-0.004839	-0.001946	-0.022521	-0.014905	0.029893	-0.013417
	0.010885					
y169	-0.005592	0.000800	-0.011940	-0.024482	0.005662	-0.019939
	-0.007146	0.009036	0.041953	0.014486	-0.015785	0.010769
	0.019058	0.011966	-0.013956	0.052571	-0.030773	-0.000358
	-0.005569	-0.005588	0.017606	0.035111	0.000112	-0.035714
	0.015160	-0.008302	-0.022371	0.031895	-0.004167	-0.020412
	-0.023596					
z169	0.009059	-0.020898	0.003350	-0.004399	0.061293	0.002093
	-0.037448	0.009058	0.004308	0.050634	-0.008037	0.001325
	0.002743	-0.012520	-0.016716	0.002980	-0.027912	-0.015945
	0.008673	-0.024490	-0.006469	-0.008896	0.000213	-0.033128
	-0.008107	0.013704	-0.036020	-0.011322	0.034307	-0.029313
	-0.026955					

x170	0.013415	0.025963	0.014568	0.024156	-0.030092	0.012380
	0.002756	0.033751	0.009603	0.036232	-0.000828	0.050416
	-0.002627	-0.006069	0.017711	-0.014861	-0.046740	-0.002293
	0.011479	-0.071716	-0.048555	0.017516	-0.059247	0.070216
	-0.013793	-0.006809	-0.040792	-0.010921	0.031909	0.002884
	-0.008462					
y170	-0.001493	0.003137	-0.010212	-0.017870	0.001046	-0.019799
	-0.005727	0.013359	0.045148	0.012970	-0.015381	0.011628
	0.017837	0.005650	-0.017484	0.046672	-0.027638	0.005824
	-0.000292	-0.007517	0.014690	0.036087	-0.003885	-0.031483
	0.010167	-0.007262	-0.017740	0.025161	-0.009214	-0.023624
	-0.027542					
z170	0.009556	-0.026846	0.002985	-0.006108	0.057460	0.007157
	-0.033488	0.009063	0.010030	0.040902	-0.009106	-0.000142
	0.005694	-0.001440	-0.018385	-0.006788	-0.018847	-0.023293
	0.000935	-0.021703	0.023588	-0.012403	0.004732	-0.046297
	-0.010930	0.023381	-0.031886	-0.036010	0.029608	-0.025147
	-0.038953					
x171	0.013352	0.023438	0.009595	0.022944	-0.029237	0.012222
	0.008441	0.035875	0.006049	0.033125	-0.002662	0.056412
	0.000123	-0.006578	0.018816	-0.019600	-0.042397	-0.005239
	0.012342	-0.061626	-0.034827	0.026447	-0.054259	0.068198
	-0.018085	0.000244	-0.049637	-0.003697	0.032280	0.002428
	0.001755					
y171	0.001969	0.004064	-0.007846	-0.010980	-0.005226	-0.018233
	-0.002519	0.018323	0.047611	0.011642	-0.013781	0.013403
	0.015844	0.003207	-0.022570	0.043650	-0.031791	0.017172
	0.015185	-0.009783	0.008770	0.039205	-0.018468	-0.035013
	0.007366	-0.014702	-0.012947	0.018746	-0.008122	-0.031352
	-0.031891					
z171	0.010842	-0.034079	0.003447	-0.006284	0.050056	0.016104
	-0.032168	0.009602	0.011524	0.036432	-0.002855	-0.000148
	0.003803	0.009427	-0.022449	-0.000981	-0.031039	-0.019557
	0.002709	-0.023061	0.030677	-0.007198	-0.018824	-0.062686
	-0.013796	0.010963	-0.016871	-0.045522	0.037971	-0.028433
	-0.046804					
x172	0.012336	0.021446	0.003223	0.023773	-0.030097	0.013738
	0.012580	0.037543	0.002067	0.027857	-0.004536	0.053727
	0.005692	-0.012599	0.019891	-0.016374	-0.041465	-0.004095
	0.019238	-0.054350	-0.029763	0.029701	-0.064561	0.051489
	-0.020144	-0.005155	-0.036307	0.001816	0.020712	-0.000159
	-0.017542					

y172	0.004924	0.004641	-0.005407	-0.005004	-0.011240	-0.017841
	0.001412	0.020277	0.049175	0.015237	-0.011546	0.016685
	0.013650	-0.002059	-0.025074	0.041082	-0.031421	0.024888
	0.027357	-0.011077	0.004710	0.037953	-0.030465	-0.035086
	0.004927	-0.022622	-0.014503	0.017464	-0.001560	-0.033989
	-0.033971					
z172	0.013585	-0.042694	0.004691	-0.010402	0.044963	0.019360
	-0.031840	0.005841	0.005156	0.036968	0.006869	0.008965
	-0.005883	0.025315	-0.021388	-0.000771	-0.026425	-0.023031
	-0.002652	-0.022625	0.024965	0.007817	-0.000223	-0.058246
	-0.010541	0.025260	-0.022054	-0.036563	0.073736	-0.009829
	-0.003573					
x173	0.010314	0.019335	-0.003098	0.020904	-0.026972	0.016457
	0.017727	0.036421	-0.003489	0.023046	-0.004846	0.053336
	0.002952	-0.015079	0.022879	-0.015592	-0.042318	-0.003306
	0.020917	-0.045508	-0.020646	0.037784	-0.067557	0.041877
	-0.025259	-0.004581	-0.019302	-0.000196	0.029138	-0.000021
	-0.017855					
y173	0.006773	0.005956	-0.005129	-0.000022	-0.015155	-0.016207
	0.005995	0.022563	0.048246	0.018340	-0.009062	0.023378
	0.013214	-0.005380	-0.026395	0.038254	-0.028518	0.034307
	0.034224	-0.009673	-0.002394	0.043714	-0.033720	-0.033909
	0.003509	-0.025475	-0.012115	0.018158	0.005506	-0.034434
	-0.026244					
z173	0.014717	-0.046960	0.003810	-0.011624	0.037797	0.022755
	-0.031850	0.003719	0.004866	0.032099	0.012291	0.016016
	0.008292	0.035822	-0.019334	0.005277	-0.021533	-0.019392
	0.001049	-0.016206	0.022992	0.008010	0.003901	-0.064018
	-0.010610	0.025011	-0.028048	-0.029658	0.080574	-0.005053
	0.005968					
x174	0.009446	0.016498	-0.008897	0.019592	-0.025500	0.015973
	0.016505	0.034889	-0.011532	0.023284	-0.008298	0.049736
	0.002753	-0.020853	0.027054	-0.015636	-0.035159	-0.002712
	0.019805	-0.039450	-0.020864	0.036096	-0.057593	0.037251
	-0.027523	-0.002421	-0.003480	0.009272	0.009780	0.007805
	-0.020749					
y174	0.008743	0.007552	-0.006226	0.005570	-0.019593	-0.015781
	0.010970	0.024417	0.045956	0.021346	-0.008203	0.027365
	0.011299	-0.011226	-0.027577	0.035828	-0.023555	0.043443
	0.042030	-0.006124	-0.011697	0.045736	-0.035424	-0.038587
	0.005541	-0.027040	-0.001913	0.020846	0.003550	-0.033184
	-0.020266					

z174	0.015158	-0.049281	-0.000228	-0.012707	0.028722	0.027104
	-0.027026	0.004147	0.004273	0.021255	0.015206	0.018532
	0.013222	0.042639	-0.016136	0.010016	-0.015685	-0.016448
	0.007259	-0.005756	0.021297	0.009573	-0.001453	-0.090157
	-0.003953	0.020361	-0.016192	-0.029831	0.076824	0.003597
	0.015485					
x175	0.008807	0.015121	-0.011566	0.014216	-0.021026	0.016897
	0.014918	0.029124	-0.016345	0.019572	-0.007996	0.046361
	0.005661	-0.025061	0.032885	-0.025763	-0.036514	-0.002058
	0.020385	-0.026622	-0.009682	0.031941	-0.059327	0.048877
	-0.024900	0.016390	-0.013714	0.017740	-0.017865	-0.012477
	-0.023529					
y175	0.009768	0.009879	-0.006899	0.010436	-0.021244	-0.013861
	0.016263	0.025338	0.044027	0.024530	-0.006057	0.032388
	0.009687	-0.016107	-0.027516	0.033094	-0.022797	0.048610
	0.046026	0.001776	-0.014049	0.047036	-0.038156	-0.040121
	0.003193	-0.022593	0.002070	0.019319	0.005371	-0.035856
	-0.015688					
z175	0.014312	-0.051161	-0.005541	-0.011018	0.020004	0.031234
	-0.025310	0.007593	-0.000575	0.018313	0.019657	0.022858
	0.011609	0.043468	-0.010654	0.023173	-0.009034	-0.019898
	-0.001091	0.001206	0.016929	0.015434	0.003755	-0.115515
	-0.010250	0.011408	0.011396	-0.030278	0.097456	0.023460
	0.028057					
x176	0.006855	0.013346	-0.013533	0.007414	-0.017094	0.019531
	0.010986	0.023547	-0.021551	0.013382	-0.008675	0.038808
	0.006066	-0.031840	0.035969	-0.035939	-0.040409	-0.004353
	0.019672	-0.014428	0.002779	0.026216	-0.057953	0.056331
	-0.020431	0.026198	-0.012152	0.022493	-0.037358	-0.020580
	-0.021783					
y176	0.010479	0.013179	-0.006346	0.014168	-0.021268	-0.011713
	0.020345	0.025626	0.042861	0.028053	-0.004418	0.032680
	0.003452	-0.028075	-0.028209	0.023819	-0.025380	0.051595
	0.049596	0.009546	-0.017505	0.047586	-0.043325	-0.032584
	0.006316	-0.018343	0.002481	0.025964	-0.006431	-0.050854
	-0.010542					
z176	0.015927	-0.052065	-0.012306	-0.008644	0.007195	0.030839
	-0.021836	0.007915	-0.004326	0.022090	0.025067	0.024870
	0.012729	0.045552	-0.001391	0.036885	-0.001509	-0.016826
	-0.014193	0.014060	0.011746	0.013109	0.014865	-0.131305
	-0.019197	0.022760	0.022508	-0.019285	0.093543	0.039263
	0.035361					

x177	0.002943	0.010786	-0.016990	0.001732	-0.014106	0.023465
	0.007968	0.016910	-0.028912	0.012276	-0.010804	0.029788
	0.007422	-0.032646	0.042425	-0.031851	-0.040353	-0.007731
	0.010460	-0.007992	0.017997	0.015081	-0.048766	0.048644
	-0.023269	0.036459	-0.001164	0.014639	-0.043109	-0.004978
	-0.016158					
y177	0.010093	0.015029	-0.005892	0.019949	-0.021274	-0.007460
	0.025412	0.026486	0.040612	0.034706	-0.004121	0.029824
	-0.004242	-0.038092	-0.025086	0.017995	-0.033745	0.056112
	0.047100	0.016996	-0.016012	0.035123	-0.038652	-0.023784
	0.001155	-0.013381	0.003480	0.030685	-0.004342	-0.057791
	-0.006977					
z177	0.016306	-0.052818	-0.016835	-0.013396	-0.004958	0.031080
	-0.023849	0.009471	-0.018159	0.017634	0.019069	0.021980
	0.011563	0.030847	0.006838	0.022774	0.002198	-0.019387
	-0.024392	0.028696	0.008572	0.012538	0.025025	-0.130244
	-0.025305	0.022101	0.026745	0.000298	0.075853	0.041533
	0.015510					
x178	0.000433	0.007956	-0.020200	-0.005474	-0.005877	0.025336
	-0.001024	0.013034	-0.031063	0.010755	-0.014531	0.015217
	0.000150	-0.029337	0.036370	-0.027387	-0.034254	-0.009984
	0.000234	-0.007856	0.023412	-0.002527	-0.039719	0.040679
	-0.013026	0.040875	-0.005080	-0.004543	-0.042208	0.000173
	-0.003055					
y178	0.011692	0.014923	-0.005918	0.031463	-0.021459	-0.003186
	0.031157	0.025311	0.036402	0.033873	-0.001324	0.022568
	-0.015314	-0.029726	-0.032558	0.022472	-0.038982	0.057904
	0.044989	0.017396	-0.016516	0.024602	-0.022960	-0.056129
	-0.006986	-0.002803	0.022177	-0.011980	0.017893	-0.035567
	-0.008915					
z178	0.014157	-0.055943	-0.022849	-0.018264	-0.020750	0.032639
	-0.025196	0.009803	-0.036604	0.022178	0.016054	0.032206
	0.017945	0.007534	0.018468	-0.002118	0.011155	-0.014408
	-0.021618	0.049733	0.002401	0.005663	0.031815	-0.087955
	-0.037301	0.021463	0.054695	0.053675	0.054899	0.013962
	-0.009782					
x179	-0.001335	0.009086	-0.025410	-0.005657	0.009142	0.027333
	-0.013605	0.020042	-0.023303	0.014874	-0.018955	-0.011844
	-0.020140	-0.010020	0.018785	-0.016396	-0.029177	-0.013788
	-0.024242	-0.019443	0.026484	-0.007210	-0.017752	0.023164
	0.000844	0.015687	-0.048818	-0.027328	-0.019041	0.013130
	0.020165					

y179	0.014944	0.019064	-0.001052	0.037483	-0.010354	-0.002760
	0.022543	0.025048	0.045361	0.028170	-0.009444	0.013154
	-0.028336	-0.010079	-0.056564	0.023956	-0.043223	0.041865
	0.048664	0.009742	-0.027198	0.014041	0.004170	-0.075822
	-0.004470	-0.007892	0.014304	-0.032018	0.034706	-0.047601
	-0.015627					
z179	0.013097	-0.061580	-0.028097	-0.028804	-0.026262	0.032100
	-0.022190	-0.007450	-0.040047	0.017216	0.010280	0.056599
	0.035911	-0.002781	0.026455	-0.006815	0.028064	-0.005907
	0.003736	0.053791	-0.000369	-0.010620	0.004300	-0.053969
	-0.038884	0.029464	0.091375	0.042636	0.028828	-0.010784
	-0.026890					
x180	-0.005205	0.005434	-0.032647	-0.018853	0.016397	0.026499
	-0.024927	0.013909	-0.027313	0.020142	-0.020933	-0.018876
	-0.021671	-0.010125	0.007877	-0.013908	-0.017301	-0.017621
	-0.038756	-0.023188	0.018462	-0.007106	-0.007114	0.021830
	0.003801	0.004645	-0.049028	-0.036662	-0.010298	0.008942
	0.028872					
y180	0.015552	0.020127	0.003141	0.040385	-0.012116	-0.000196
	0.018488	0.023137	0.038596	0.016099	-0.002208	0.007752
	-0.026496	-0.003307	-0.055519	0.025037	-0.058619	0.031417
	0.049125	0.004850	-0.034623	0.019518	0.029229	-0.097479
	-0.011774	-0.010277	0.015516	-0.024912	0.029858	-0.039443
	-0.015347					
z180	0.004416	-0.066407	-0.035999	-0.034629	-0.033826	0.036939
	-0.009034	-0.022049	-0.046668	0.002371	0.010763	0.064653
	0.047732	-0.013483	0.043183	-0.004414	0.046985	-0.007588
	0.019515	0.061035	0.009169	-0.031532	-0.022001	-0.014122
	-0.031706	0.076157	0.109488	0.020977	0.001018	-0.026375
	-0.041043					
x181	-0.008495	0.001572	-0.038216	-0.032136	0.019981	0.025757
	-0.032578	0.008681	-0.033073	0.025953	-0.021722	-0.016991
	-0.015719	-0.014498	0.004438	-0.013009	0.000477	-0.013663
	-0.049577	-0.023032	0.020033	-0.004141	-0.011431	0.021851
	0.008483	0.003329	-0.026721	-0.029027	-0.000455	0.015670
	-0.002606					
y181	0.011261	0.016624	0.003838	0.038580	-0.012833	0.008971
	0.022622	0.020489	0.030339	0.005185	0.001888	0.000587
	-0.025036	-0.008951	-0.042169	0.021967	-0.058331	0.036834
	0.044941	0.005950	-0.026256	0.017102	0.033397	-0.063441
	-0.010406	-0.001622	0.008318	-0.005167	0.018768	-0.026703
	-0.032667					

z181	0.000289	-0.068712	-0.043805	-0.035726	-0.035699	0.036649
	-0.000664	-0.028026	-0.049439	-0.002326	0.013178	0.065758
	0.040298	-0.014546	0.053860	0.005029	0.065365	-0.019353
	0.028071	0.052621	0.003916	-0.041007	-0.040323	-0.010651
	-0.021311	0.078012	0.085333	-0.018926	-0.024511	-0.041904
	0.015424					
x182	-0.012753	-0.000915	-0.043033	-0.042894	0.019355	0.022090
	-0.042381	0.003610	-0.039225	0.027984	-0.019495	-0.019140
	0.003799	-0.019770	0.000397	-0.014978	0.003436	-0.022267
	-0.053700	-0.017596	0.017845	-0.001522	-0.004661	0.028889
	-0.004612	0.004585	-0.005635	-0.014982	0.002112	0.006595
	-0.014696					
y182	0.010070	0.014238	-0.001026	0.037349	-0.008729	0.018074
	0.029910	0.013387	0.020574	0.001621	0.001214	-0.001016
	-0.037015	-0.017528	-0.033034	0.021152	-0.046322	0.047448
	0.036216	0.007371	-0.011552	0.001683	0.031578	-0.046774
	-0.000379	-0.004666	-0.005133	-0.009496	0.017188	-0.002854
	-0.039656					
z182	-0.002769	-0.066068	-0.041747	-0.038623	-0.030617	0.037232
	-0.002553	-0.025664	-0.048828	-0.005859	0.000797	0.063527
	0.037297	-0.009103	0.049028	0.007480	0.089021	-0.002736
	0.022779	0.038144	0.017490	-0.021753	-0.061026	0.006783
	-0.015796	0.073068	0.094515	-0.012432	-0.021405	-0.017081
	-0.041156					
x183	-0.015365	-0.003546	-0.048217	-0.049973	0.017346	0.023581
	-0.047929	-0.007178	-0.043939	0.029826	-0.020780	-0.017642
	0.013782	-0.032120	-0.000073	-0.019377	0.007845	-0.028670
	-0.058626	-0.014757	0.024303	0.007708	-0.004411	0.032036
	-0.004794	0.003772	0.024338	-0.004768	0.006690	0.000305
	-0.018205					
y183	0.006663	0.012210	-0.006285	0.029256	-0.001102	0.020616
	0.033755	0.012651	0.008684	0.004100	0.000089	-0.003819
	-0.041790	-0.026575	-0.030913	0.020315	-0.026745	0.050688
	0.027489	0.007855	-0.003782	-0.017829	0.029695	-0.027091
	-0.005309	-0.010142	-0.027992	-0.029244	0.005224	0.013645
	-0.022268					
z183	-0.003404	-0.064368	-0.044796	-0.035197	-0.031453	0.045691
	-0.004000	-0.034566	-0.042753	-0.017074	-0.003954	0.058102
	0.022566	-0.011341	0.044544	0.012259	0.080681	-0.008417
	0.023121	0.029714	0.015572	-0.031286	-0.055297	0.022765
	-0.011575	0.068470	0.075464	-0.017581	-0.025158	-0.023515
	-0.059556					

x184	-0.013724	-0.007580	-0.052693	-0.054637	0.015988	0.024463
	-0.051069	-0.012694	-0.049267	0.031422	-0.024522	-0.018553
	0.014788	-0.044386	0.005536	-0.017607	0.011907	-0.014886
	-0.064846	-0.009844	0.048363	-0.011583	-0.014376	0.043891
	0.006515	-0.008107	0.021993	0.003499	0.014619	0.013563
	-0.029190					
y184	0.003327	0.010409	-0.015387	0.022579	0.002429	0.017857
	0.033457	0.011406	0.003797	0.010555	0.004293	-0.006256
	-0.034986	-0.030410	-0.040238	0.012587	-0.009580	0.040488
	0.013660	0.020930	-0.012549	-0.034840	0.036196	0.001535
	-0.014185	-0.013644	-0.018223	-0.033605	0.015465	0.023122
	-0.010458					
z184	-0.005923	-0.056667	-0.041507	-0.037157	-0.019297	0.051023
	-0.009505	-0.045506	-0.041136	-0.029542	-0.010416	0.039682
	0.001446	-0.013695	0.041843	0.017916	0.061336	-0.006488
	0.026152	0.004743	0.023148	-0.026184	-0.061156	0.009210
	0.004605	0.044332	0.035903	-0.022986	-0.034536	-0.027995
	-0.018220					
x185	-0.013714	-0.009616	-0.050830	-0.062747	0.019173	0.022901
	-0.053900	-0.014500	-0.049235	0.035587	-0.029452	-0.015242
	0.009168	-0.052665	0.005191	-0.013301	0.017841	-0.012140
	-0.065824	-0.018117	0.053552	-0.017364	-0.020799	0.043827
	0.015487	-0.020416	0.017974	-0.011131	0.012198	0.009144
	-0.035374					
y185	0.000893	0.007063	-0.021452	0.011120	0.009030	0.021629
	0.023694	0.012940	0.001991	0.016621	0.001356	-0.009358
	-0.043803	-0.036749	-0.057290	0.008536	0.001447	0.042037
	-0.009368	0.026627	-0.024927	-0.040971	0.028134	-0.005012
	-0.009072	-0.022729	-0.032433	-0.057009	0.021261	0.020536
	-0.000216					
z185	-0.007047	-0.046467	-0.040881	-0.035904	-0.004533	0.043312
	-0.019303	-0.047997	-0.027917	-0.040921	-0.006706	0.012760
	-0.002887	-0.010496	0.030507	0.019149	0.042799	-0.011364
	0.042920	-0.008125	0.015584	-0.064067	-0.033184	0.013464
	-0.000325	0.014524	0.004073	-0.026822	-0.020399	-0.006090
	0.029816					
x186	-0.016232	-0.005379	-0.045168	-0.062666	0.012978	0.009691
	-0.059398	-0.009327	-0.043444	0.040841	-0.022267	-0.007004
	0.026978	-0.054854	0.012448	0.000508	0.020051	-0.032637
	-0.062648	-0.019017	0.035019	0.002669	-0.013333	0.030439
	0.019775	-0.002236	0.047281	-0.017648	0.024044	-0.029672
	-0.059625					

y186	-0.006507	0.007130	-0.026793	0.008994	0.014591	0.014713
	0.016260	0.015718	0.009251	0.019566	0.013546	-0.013399
	-0.022861	-0.037885	-0.062794	0.008727	0.012849	0.007088
	-0.017675	0.028065	-0.030503	-0.028289	0.013915	-0.013698
	0.014582	-0.007895	0.004824	-0.066567	0.011590	0.001866
	0.034763					
z186	-0.003374	-0.034992	-0.038936	-0.024561	-0.008157	0.022227
	-0.038797	-0.027292	-0.014062	-0.032385	0.010641	0.004655
	0.003815	-0.012760	0.011819	0.013901	0.042604	-0.011738
	0.040572	-0.018523	-0.007161	-0.057572	-0.020593	0.002707
	-0.007221	0.019702	-0.002771	-0.046445	0.001858	-0.009757
	0.001106					
x187	-0.012523	0.001403	-0.036367	-0.062294	0.007072	0.010011
	-0.062105	-0.009970	-0.031467	0.011960	-0.015819	-0.016247
	0.030316	-0.068472	0.003505	0.002617	0.023695	-0.017010
	-0.074628	-0.032912	0.023733	0.012062	-0.008820	-0.004982
	0.021512	-0.016326	0.011442	0.002525	0.053391	-0.009458
	-0.053047					
y187	-0.011830	0.005460	-0.028028	0.003567	0.023108	0.018802
	0.006849	0.012214	0.004435	0.009122	0.009211	-0.032693
	-0.006864	-0.029993	-0.062184	-0.000049	-0.021984	-0.005699
	-0.022075	0.037013	-0.050433	-0.009988	0.012792	-0.041956
	0.006048	-0.012110	0.004515	-0.045516	-0.012709	-0.002291
	0.037814					
z187	0.003720	-0.031015	-0.044329	-0.023191	-0.021420	0.011146
	-0.054154	-0.025481	-0.007794	-0.041060	0.028079	-0.001597
	0.008049	0.000336	-0.027823	0.016028	0.018549	-0.007552
	0.015869	-0.047897	0.016526	-0.004445	-0.035294	-0.018068
	0.008223	0.015903	-0.022078	-0.009042	0.054469	-0.013455
	-0.022482					
x188	-0.004785	0.000237	-0.042084	-0.061491	0.000481	0.007949
	-0.057263	-0.010660	-0.024348	0.016621	0.004249	-0.006485
	0.047979	-0.093312	-0.031494	0.014085	0.006106	-0.025612
	-0.047076	-0.072775	0.015575	0.011875	0.033669	0.010769
	0.010670	-0.001155	-0.019588	-0.008322	0.028562	-0.034433
	-0.028257					
y188	-0.007549	0.002862	-0.022735	-0.004985	0.032616	0.024146
	-0.001769	0.004166	0.004570	0.011218	0.010439	-0.022263
	-0.015938	-0.021999	-0.073647	-0.014000	-0.018548	0.009070
	-0.020643	0.049991	-0.073041	-0.029005	0.004692	-0.062177
	0.021648	0.001679	0.010150	-0.064875	-0.012308	0.003552
	0.020116					

z188	0.011768	-0.023565	-0.054005	-0.026476	-0.027286	-0.007581
	-0.049135	-0.023690	-0.026603	-0.037199	0.039500	-0.022242
	0.036942	-0.020817	-0.039070	0.030630	0.010091	-0.031869
	0.029525	-0.100420	0.011990	0.045489	-0.026048	0.015941
	-0.020720	0.019153	-0.009054	-0.033674	0.022647	-0.002338
	-0.004259					
x189	-0.000863	0.005200	-0.036188	-0.053350	-0.014102	0.007650
	-0.056792	-0.016082	-0.023664	0.013804	0.009332	-0.007147
	0.043130	-0.074652	-0.016395	-0.005068	0.008153	-0.005921
	-0.029158	-0.059999	0.027684	0.025819	0.032287	0.016253
	0.004709	0.001588	-0.019059	-0.006007	0.029844	-0.013983
	-0.016411					
y189	-0.003922	0.005598	-0.019991	-0.007318	0.029049	0.018748
	-0.006566	0.012888	0.008771	-0.000757	0.009929	-0.019057
	-0.033934	-0.026115	-0.090998	-0.017299	-0.022984	0.030978
	-0.047387	0.042774	-0.062544	-0.044708	0.021128	-0.060575
	0.038822	-0.014053	-0.028253	-0.079173	-0.002801	0.021671
	-0.014520					
z189	0.018717	-0.023673	-0.055740	-0.019941	-0.021913	-0.010064
	-0.043980	-0.036725	-0.045266	-0.023949	0.024132	-0.049520
	0.059850	0.008267	-0.011775	0.006709	0.011364	-0.050259
	0.031221	-0.063647	0.002424	0.076914	-0.083086	0.017152
	-0.029424	0.028651	0.037946	-0.030653	0.004201	-0.007009
	0.037339					
x190	0.004380	0.007048	-0.024792	-0.045710	-0.025900	0.000811
	-0.051523	-0.028001	-0.014034	0.009475	0.013975	0.007805
	0.019158	-0.051821	-0.019635	-0.021876	0.015277	0.003080
	-0.007504	-0.042449	0.037801	0.030205	0.039312	0.009637
	0.010038	0.014069	-0.035845	-0.008012	0.044857	-0.003331
	-0.013305					
y190	-0.003957	0.012698	-0.022242	-0.005626	0.019132	0.015972
	-0.005622	0.015668	-0.007213	0.002374	0.016242	-0.021266
	-0.035134	-0.031518	-0.085278	-0.014850	-0.029311	0.050602
	-0.056999	0.059641	-0.025892	-0.027232	0.037795	-0.038873
	0.027641	-0.031903	-0.038853	-0.075820	-0.048040	0.051978
	-0.025377					
z190	0.019759	-0.020671	-0.041628	-0.003651	-0.004744	-0.002575
	-0.026470	-0.031009	-0.040141	-0.023254	0.026676	-0.035707
	0.014213	0.026844	0.014795	0.001252	-0.005159	-0.031887
	0.028178	-0.012873	-0.015134	0.044951	-0.081976	0.005017
	-0.012600	0.012071	0.011161	-0.013383	0.014821	0.013818
	-0.004734					

x191	0.007247	0.009562	-0.017696	-0.048433	-0.027730	-0.003628
	-0.054448	-0.040810	-0.019232	0.027174	0.012400	0.013880
	0.020270	-0.041104	-0.024502	-0.030082	0.015192	0.014226
	0.009027	-0.018872	0.043358	0.036197	0.038331	0.006465
	-0.001596	0.012740	0.009476	0.007634	0.051410	-0.001610
	0.012997					
y191	-0.004202	0.014993	-0.019607	-0.005162	0.014226	0.008769
	-0.007801	0.015812	-0.012012	-0.003120	0.022833	-0.017674
	-0.032335	-0.031722	-0.089007	-0.001792	-0.038247	0.056206
	-0.055531	0.042820	-0.016676	-0.018479	0.048931	-0.030650
	0.017855	-0.023989	-0.044882	-0.057117	-0.060377	0.046652
	-0.021010					
z191	0.018824	-0.018092	-0.031944	0.004783	-0.003812	0.000202
	-0.014070	-0.026183	-0.029610	-0.042771	0.023038	-0.014889
	-0.007173	0.022824	0.025596	0.005834	-0.011510	-0.009270
	0.013828	-0.018461	-0.023867	0.017721	-0.055178	-0.003340
	-0.012062	0.015917	-0.027929	0.003530	0.035364	0.028050
	-0.002201					
x192	0.013075	0.010981	-0.011838	-0.033976	-0.028181	-0.000866
	-0.040338	-0.045008	-0.017621	0.025927	0.014965	0.028858
	0.003654	-0.032332	-0.019500	-0.034779	0.016324	0.022234
	0.017026	0.001649	0.044346	0.026375	0.041222	0.001675
	-0.010016	0.009921	0.003373	-0.003167	0.055432	0.028610
	0.003234					
y192	0.001760	0.018220	-0.007546	-0.012128	0.012044	-0.006489
	-0.016114	0.018985	-0.019633	-0.008181	0.020872	-0.013998
	-0.028319	-0.029710	-0.093634	0.005361	-0.034581	0.054689
	-0.033883	0.032887	-0.006156	-0.006095	0.061564	-0.014977
	0.002571	-0.021838	-0.038157	-0.032137	-0.051560	0.043392
	-0.008544					
z192	0.022362	-0.015953	-0.028345	0.012128	0.001587	-0.003258
	-0.005781	-0.014711	-0.033229	-0.054795	0.014668	0.009741
	-0.017971	0.017111	0.022883	-0.000374	-0.000086	0.005544
	0.000272	-0.007785	0.003537	0.008543	-0.035353	-0.012142
	-0.012885	0.008758	-0.043178	0.017358	0.057608	0.033528
	0.027115					
x193	0.018447	0.008518	-0.015091	-0.017353	-0.028476	0.006032
	-0.020229	-0.050424	-0.022980	0.034953	0.029384	0.034847
	-0.007214	-0.029685	-0.014675	-0.033429	0.011152	0.027092
	0.019522	0.005586	0.031380	0.013545	0.029560	0.017830
	-0.025156	0.021540	-0.000767	-0.026958	0.044713	0.038196
	-0.011120					

y193	0.011947	0.026415	0.008935	-0.017781	0.008159	-0.020733
	-0.022051	0.017384	-0.029170	-0.018719	0.007151	-0.006388
	-0.029365	-0.023561	-0.089370	0.007365	-0.031196	0.059555
	-0.012224	0.028131	-0.018180	-0.005689	0.073416	-0.001958
	-0.012258	-0.020830	-0.023345	-0.026752	-0.042426	0.045319
	-0.025013					
z193	0.027244	-0.015008	-0.027656	0.016571	0.000302	-0.005954
	0.004262	-0.006004	-0.036123	-0.062067	0.007421	0.021949
	-0.018957	0.015532	0.026899	-0.005128	0.006620	0.012963
	-0.010052	-0.000866	0.024160	0.008376	-0.027236	-0.012912
	-0.014573	0.012380	-0.040081	0.019507	0.059251	0.031474
	0.011714					
x194	0.022849	0.002571	-0.021798	0.003136	-0.022241	0.013677
	0.004515	-0.054049	-0.026244	0.045332	0.057067	0.034550
	-0.032902	-0.033039	-0.012981	-0.014829	0.009257	0.010759
	0.013482	0.010067	0.002589	-0.003584	0.005453	0.029166
	-0.030303	0.027673	-0.008660	-0.048083	0.014663	0.044842
	-0.010486					
y194	0.025021	0.038405	0.037569	-0.027613	0.002700	-0.040931
	-0.032409	0.013270	-0.041226	-0.039927	-0.012752	0.003380
	-0.043127	-0.011044	-0.072866	0.021074	-0.023570	0.056123
	0.014452	0.028812	-0.051543	-0.010515	0.073702	0.009037
	-0.027528	-0.025004	0.000401	-0.020489	-0.040631	0.073323
	-0.026906					
z194	0.030331	-0.011953	-0.028041	0.027192	0.001295	-0.007191
	0.022665	0.006107	-0.037602	-0.069740	-0.011551	0.029696
	-0.029087	0.009830	0.035882	-0.004796	0.027254	0.023570
	-0.017946	0.015430	0.028108	0.005254	-0.027332	-0.004739
	-0.021411	0.008702	-0.013986	0.020941	0.052999	0.048470
	-0.004571					
x195	0.025200	-0.003412	-0.031970	0.032230	-0.020452	0.019889
	0.034132	-0.066549	-0.028507	0.065742	0.097202	0.028843
	-0.073659	-0.031430	-0.012399	0.006712	-0.006737	-0.023862
	-0.010734	0.006403	-0.055769	-0.024409	-0.040103	0.019446
	-0.008429	0.020737	0.000567	-0.036848	-0.034701	0.027131
	-0.004995					
y195	0.035517	0.043427	0.074842	-0.054902	-0.010136	-0.068128
	-0.044503	0.001454	-0.058150	-0.053377	-0.012987	0.002097
	-0.051525	0.012100	-0.025116	0.064368	-0.007898	0.025461
	0.029465	0.010769	-0.048096	0.011892	0.036610	-0.001805
	-0.020556	-0.003474	-0.000127	0.015757	-0.026748	0.067299
	0.009991					

z195	0.031045	-0.011082	-0.042573	0.042156	0.003045	-0.007239
	0.054367	0.025428	-0.038102	-0.060601	-0.030275	0.034476
	-0.031512	-0.013394	0.038133	0.007723	0.054490	0.027292
	-0.033980	0.026668	0.039735	0.012400	-0.039713	-0.003516
	-0.019250	-0.006000	0.023863	0.038736	0.043160	0.027252
	-0.009217					
x196	0.025463	-0.005898	-0.035746	0.055308	-0.024837	0.013302
	0.050308	-0.082785	-0.038488	0.069881	0.125568	0.018211
	-0.093066	-0.021450	-0.005538	0.018621	-0.012190	-0.071147
	-0.027921	0.018047	-0.080928	-0.028452	-0.028408	0.018437
	-0.010766	0.018918	-0.007457	-0.008201	-0.068175	-0.018855
	-0.024217					
y196	0.032444	0.033908	0.084830	-0.071268	-0.019456	-0.071512
	-0.042139	-0.004829	-0.054743	-0.049986	-0.000511	-0.011169
	-0.058040	0.040558	0.037007	0.083921	0.014615	-0.002241
	0.005688	0.006114	-0.021436	0.026789	0.014375	-0.021146
	-0.018539	-0.001828	0.026704	0.036120	-0.030935	0.003894
	-0.011623					
z196	0.025618	-0.014537	-0.059659	0.057991	0.002876	-0.000735
	0.075980	0.036936	-0.026717	-0.038672	-0.034894	0.021520
	-0.030686	-0.027150	0.045818	0.034878	0.057979	0.003237
	-0.033682	0.036203	0.018347	0.017227	-0.036438	-0.010563
	-0.018107	-0.012433	0.045266	0.055177	0.023139	-0.014910
	-0.051313					
x197	0.077458	-0.036294	-0.111644	-0.165397	-0.035489	-0.040716
	0.067258	-0.159899	0.008469	0.024545	-0.060004	-0.021166
	0.072973	0.046493	-0.035991	-0.024768	-0.015343	0.009049
	-0.003062	0.053976	-0.045611	0.022929	-0.000800	0.001508
	0.032673	-0.051937	0.090067	-0.043200	-0.018529	0.026409
	0.004549					
y197	-0.114101	0.043267	-0.029785	0.062898	0.058382	0.028243
	-0.020619	-0.052664	0.057267	-0.023650	0.225471	0.052680
	0.113466	0.131431	0.004687	0.019563	-0.044739	-0.063504
	-0.018574	0.026345	-0.070240	0.079501	0.023717	-0.000632
	0.094269	-0.040311	0.023500	-0.023442	-0.008375	0.040203
	-0.010475					
z197	-0.126101	-0.039232	0.029425	0.049784	-0.035220	-0.022725
	0.102875	-0.096856	-0.122113	-0.016123	-0.076512	0.119738
	-0.008505	0.069705	-0.028529	0.088524	-0.096965	0.072131
	0.001402	-0.008372	-0.000992	-0.109356	-0.042663	0.034836
	-0.041889	-0.011527	-0.031306	-0.122050	-0.002369	-0.029180
	0.039826					

x198	0.077488	-0.036501	-0.104745	-0.168001	-0.041509	-0.040803
	0.069745	-0.156765	0.000521	0.034878	-0.069172	-0.019765
	0.069874	0.044277	-0.042875	-0.022368	-0.004381	0.005538
	0.002375	0.042478	-0.052709	0.037105	-0.023468	-0.002190
	0.026363	-0.045755	0.059758	-0.038667	-0.018250	0.021990
	0.018432					
y198	-0.106774	0.045946	-0.030702	0.063108	0.058551	0.030774
	-0.024177	-0.050619	0.051368	-0.029994	0.195246	0.059886
	0.105887	0.112295	0.005442	0.013063	-0.035820	-0.056076
	-0.016198	0.012852	-0.072819	0.063852	0.034587	-0.015392
	0.083042	-0.039448	0.019508	-0.013728	-0.012012	0.015266
	-0.023491					
z198	-0.117112	-0.036015	0.026672	0.057663	-0.027456	-0.024729
	0.085828	-0.085647	-0.109178	-0.021708	-0.075040	0.107525
	-0.006779	0.058920	-0.030930	0.075939	-0.092960	0.061971
	-0.008657	-0.015143	-0.010355	-0.106340	-0.029152	0.022661
	-0.025961	-0.014208	0.008685	-0.096524	0.000476	-0.028073
	0.039706					
x199	0.075604	-0.034250	-0.093238	-0.168852	-0.042063	-0.039492
	0.072544	-0.150024	-0.003544	0.042807	-0.072328	-0.019736
	0.064431	0.042367	-0.045981	-0.009226	0.007270	-0.002760
	0.009703	0.029884	-0.063172	0.040771	-0.036573	0.003687
	0.023255	-0.021147	0.039626	-0.031224	-0.015920	0.023513
	0.034160					
y199	-0.100239	0.047967	-0.029972	0.061600	0.057572	0.034273
	-0.028268	-0.045118	0.047748	-0.033810	0.159711	0.069893
	0.092966	0.091857	0.005973	0.003327	-0.025138	-0.048687
	-0.022462	-0.000009	-0.063461	0.048314	0.042811	-0.033225
	0.062541	-0.040722	0.021519	0.001141	-0.017345	-0.009153
	-0.020083					
z199	-0.107362	-0.032910	0.022624	0.065271	-0.016374	-0.027639
	0.067866	-0.077907	-0.095807	-0.032026	-0.070980	0.097187
	0.000086	0.050591	-0.033218	0.055696	-0.095641	0.049474
	-0.018204	-0.021324	-0.011934	-0.093644	-0.026387	0.016211
	-0.007841	-0.023601	0.033168	-0.090492	0.001986	-0.030922
	0.025126					
x200	0.075686	-0.030676	-0.079501	-0.160430	-0.040086	-0.037220
	0.069800	-0.132409	0.002605	0.045675	-0.067861	-0.021146
	0.058748	0.043158	-0.036337	-0.006899	0.007956	-0.013477
	0.017749	0.035999	-0.055221	0.032566	-0.023083	0.012057
	0.021357	-0.007608	0.026677	-0.030405	-0.016298	0.028872
	0.038331					

y200	-0.087861	0.045776	-0.028842	0.061689	0.055176	0.032841
	-0.034641	-0.040703	0.035680	-0.034595	0.121847	0.078088
	0.086265	0.071787	-0.002280	0.000883	-0.017448	-0.042164
	-0.028551	-0.012797	-0.063491	0.026279	0.032715	-0.019103
	0.046450	-0.027253	-0.000020	0.015900	-0.001467	0.002547
	-0.011709					
z200	-0.098813	-0.028420	0.019901	0.071375	-0.000184	-0.028665
	0.048303	-0.074231	-0.086328	-0.040321	-0.070259	0.092015
	0.005947	0.032054	-0.037872	0.043887	-0.090022	0.052697
	-0.028612	-0.049833	-0.028710	-0.064151	-0.032870	0.000055
	0.003228	-0.034751	0.047887	-0.064557	-0.004076	-0.030896
	0.043430					
x201	0.072566	-0.027707	-0.064137	-0.144492	-0.032350	-0.030638
	0.064371	-0.116586	0.008399	0.042686	-0.061013	-0.015274
	0.048928	0.038104	-0.030303	-0.007354	0.005892	-0.011516
	0.021062	0.032963	-0.055554	0.035816	-0.008367	0.016875
	0.017390	0.001021	0.016162	-0.028960	-0.021008	0.034722
	0.041170					
y201	-0.076743	0.040391	-0.023549	0.058126	0.054210	0.030572
	-0.036888	-0.036445	0.024065	-0.032958	0.083724	0.079569
	0.076420	0.050919	-0.005841	-0.006064	-0.003782	-0.037626
	-0.027121	-0.028868	-0.056045	0.022700	0.026768	-0.006979
	0.038300	-0.019287	-0.021752	0.015973	0.009862	0.011924
	0.004890					
z201	-0.085461	-0.026044	0.012684	0.073718	0.011199	-0.039114
	0.031746	-0.073015	-0.085267	-0.048692	-0.063987	0.075808
	0.018873	0.029182	-0.039114	0.022945	-0.080082	0.045596
	-0.050489	-0.056424	-0.028285	-0.051868	-0.026998	0.009620
	0.017680	-0.025243	0.045039	-0.049800	0.021056	-0.012200
	0.050035					
x202	0.066462	-0.023578	-0.044160	-0.124934	-0.020297	-0.019725
	0.059022	-0.096921	0.012057	0.034330	-0.052440	-0.011122
	0.040050	0.030958	-0.022659	-0.008571	0.005559	-0.002547
	0.011487	0.023095	-0.053811	0.039236	0.002887	0.023417
	0.012828	0.005220	0.009750	-0.026772	-0.012562	0.026872
	0.043676					
y202	-0.067593	0.031140	-0.018889	0.051836	0.052813	0.031030
	-0.037002	-0.034262	0.019549	-0.027340	0.054527	0.080474
	0.062614	0.028228	-0.002441	-0.011988	0.009318	-0.033814
	-0.019644	-0.031024	-0.043637	0.020853	0.023401	-0.003258
	0.028736	-0.012173	-0.041978	0.014733	0.019184	0.003940
	0.016553					

z202	-0.074467	-0.026527	0.002285	0.074738	0.024783	-0.049716
	0.013177	-0.072637	-0.067887	-0.050272	-0.061323	0.057885
	0.030240	0.016268	-0.038973	-0.007053	-0.056396	0.050326
	-0.051947	-0.062716	-0.023293	-0.021407	-0.001871	0.009814
	0.027659	-0.008891	0.051191	-0.038807	0.048544	-0.011094
	0.065196					
x203	0.055251	-0.019846	-0.022212	-0.102291	-0.005040	-0.005638
	0.050822	-0.077334	0.012389	0.026762	-0.038126	-0.005612
	0.027030	0.018595	-0.010297	-0.004333	0.007486	0.003482
	-0.002442	0.013657	-0.043335	0.041467	0.010240	0.021788
	0.014431	0.012270	-0.008784	-0.015665	-0.005242	0.010278
	0.036545					
y203	-0.056778	0.016241	-0.016477	0.041758	0.044838	0.029392
	-0.034559	-0.034305	0.021743	-0.022889	0.040187	0.076661
	0.044131	0.016513	0.007880	-0.009149	0.021733	-0.028272
	-0.012096	-0.017731	-0.032292	0.000900	0.015437	-0.000614
	0.014267	0.002507	-0.051316	0.016153	0.013853	-0.010428
	0.031635					
z203	-0.070116	-0.025865	-0.011607	0.069751	0.037682	-0.048796
	0.000765	-0.077687	-0.051356	-0.039537	-0.066270	0.043370
	0.033994	-0.002902	-0.024449	-0.009256	-0.013582	0.035858
	-0.056157	-0.079846	-0.033780	0.025516	-0.001002	0.003569
	0.021554	0.005921	0.012979	-0.029464	0.027513	-0.059055
	0.023647					
x204	0.038079	-0.017020	0.005373	-0.078869	0.012980	0.010173
	0.043936	-0.057825	0.008139	0.016354	-0.017805	0.006588
	0.009502	0.006245	0.000012	-0.003527	0.009750	0.010181
	-0.024027	-0.000258	-0.032214	0.043130	0.014564	0.012681
	0.011209	0.021276	-0.027236	0.002158	0.003113	-0.002503
	0.037710					
y204	-0.046614	-0.001433	-0.010606	0.030061	0.039433	0.027859
	-0.026880	-0.034680	0.026809	-0.010279	0.027492	0.069018
	0.016103	0.009641	0.021157	-0.007015	0.033160	-0.030314
	-0.003736	-0.007615	-0.020657	-0.006047	0.001153	0.000593
	0.002775	0.000939	-0.047260	0.014591	-0.007369	-0.034689
	0.045647					
z204	-0.065039	-0.025703	-0.023011	0.051824	0.044105	-0.048513
	0.002434	-0.080609	-0.035096	-0.032596	-0.068315	0.021233
	0.033519	-0.006071	-0.007986	-0.021159	0.011804	0.011804
	-0.056644	-0.079871	-0.050832	0.046177	-0.006917	-0.003571
	-0.020864	-0.006156	-0.016684	-0.020162	0.013318	-0.090242
	-0.005356					

x205	0.018055	-0.012748	0.037459	-0.052809	0.034858	0.022693
	0.036387	-0.037526	-0.000277	0.004828	0.005297	0.027065
	-0.013788	-0.009571	0.005330	-0.005046	0.005179	0.029636
	-0.049280	-0.014955	-0.013953	0.045115	0.022995	0.003767
	0.010160	0.040009	-0.039145	0.020655	0.005559	-0.010270
	0.038784					
y205	-0.035758	-0.020221	-0.005053	0.020271	0.036031	0.023485
	-0.018028	-0.035224	0.030765	0.011830	0.015778	0.056959
	-0.014535	0.003229	0.034382	-0.003234	0.040192	-0.034253
	0.003009	0.008592	0.002427	-0.009072	-0.010669	0.006041
	-0.011441	-0.023054	-0.037787	0.004366	-0.033720	-0.060708
	0.059907					
z205	-0.052707	-0.024369	-0.026884	0.032081	0.048135	-0.053053
	0.008293	-0.079004	-0.023441	-0.031178	-0.063636	0.010977
	0.028579	-0.013693	-0.005771	-0.044733	0.012831	0.013913
	-0.054851	-0.067134	-0.059358	0.067637	-0.011563	0.002228
	-0.029838	-0.012927	-0.013909	-0.017740	-0.010209	-0.081259
	-0.032408					
x206	-0.003881	-0.007049	0.068035	-0.027394	0.057061	0.027476
	0.028598	-0.017953	-0.012791	-0.002634	0.024881	0.052545
	-0.039904	-0.029321	0.011796	0.002335	-0.007493	0.060119
	-0.068654	-0.027905	0.013938	0.038478	0.044766	-0.004921
	0.011974	0.072042	-0.053978	0.027903	0.001947	-0.015003
	0.041679					
y206	-0.025339	-0.040831	-0.000618	0.010525	0.032477	0.020163
	-0.007567	-0.037131	0.036126	0.032925	0.010737	0.041489
	-0.043084	0.000132	0.050088	-0.005484	0.044931	-0.037559
	0.008245	0.031327	0.021068	-0.005341	-0.025741	0.017672
	-0.024405	-0.047221	-0.027278	-0.020337	-0.067037	-0.091639
	0.058170					
z206	-0.042750	-0.022093	-0.019661	0.015771	0.046669	-0.055522
	0.014989	-0.073678	-0.012361	-0.023130	-0.061777	0.012795
	0.007586	-0.020669	0.012664	-0.037164	-0.000706	0.022236
	-0.044628	-0.032694	-0.047414	0.069916	-0.003122	-0.011983
	-0.027733	-0.015306	-0.006465	-0.017421	-0.025230	-0.075953
	-0.024967					
x207	-0.003688	0.004305	0.067344	-0.017783	0.043351	0.038131
	0.027263	0.001510	-0.016180	-0.002437	0.018743	0.041242
	-0.023249	-0.010094	0.012820	-0.014764	-0.011253	0.048327
	-0.050816	-0.005679	0.011551	0.026614	0.035927	-0.012890
	0.029306	0.058664	-0.036155	0.023256	-0.002801	-0.017450
	0.025738					

y207	-0.023491	-0.046932	0.012181	0.001607	0.025501	0.016865
	-0.005246	-0.031673	0.042433	0.030459	0.012881	0.034225
	-0.044337	-0.007185	0.040538	0.023274	0.044431	-0.039807
	-0.014617	0.036432	0.026095	-0.005249	-0.028536	-0.012611
	-0.027025	-0.063680	0.000910	-0.024706	-0.067053	-0.068598
	0.036858					
z207	-0.044726	-0.020949	-0.002720	0.002092	0.052541	-0.052146
	0.018949	-0.063634	0.001910	-0.019323	-0.058530	0.013349
	-0.007664	-0.034796	0.022755	-0.033643	-0.019883	0.035421
	-0.027829	-0.022264	-0.036196	0.070169	-0.014123	-0.052340
	-0.012517	-0.019804	-0.007196	-0.023940	-0.052064	-0.061171
	0.020165					
x208	-0.000520	0.018289	0.058103	-0.010891	0.029822	0.039718
	0.024049	0.014534	-0.020267	-0.000270	0.010102	0.030324
	-0.011849	0.009675	0.012178	-0.024934	-0.008696	0.042293
	-0.032405	0.005799	0.006506	0.017547	0.027223	-0.016962
	0.038210	0.054901	-0.022472	0.013823	-0.009112	-0.024642
	0.014223					
y208	-0.021356	-0.050403	0.021327	-0.002139	0.019181	0.017134
	-0.005323	-0.026157	0.042016	0.027646	0.012326	0.030146
	-0.039365	-0.007514	0.037240	0.037813	0.041229	-0.038742
	-0.027850	0.036724	0.032394	0.001031	-0.021041	-0.026530
	-0.021196	-0.070609	0.015735	-0.031028	-0.063522	-0.052699
	0.027074					
z208	-0.048722	-0.016281	0.006484	-0.009788	0.052424	-0.046619
	0.019838	-0.050718	0.011650	-0.019165	-0.038882	0.012840
	-0.014888	-0.042968	0.025231	-0.027148	-0.032293	0.036052
	-0.006879	-0.018096	-0.032109	0.058962	-0.018201	-0.066368
	-0.019267	-0.010958	-0.005465	-0.017526	-0.042847	-0.048059
	0.004120					
x209	0.001436	0.030783	0.048308	-0.005782	0.018153	0.035422
	0.020067	0.021269	-0.022329	0.001465	-0.001119	0.022888
	-0.007312	0.027618	0.012027	-0.032588	-0.001061	0.041842
	-0.021546	0.015044	0.008518	0.013342	0.021617	-0.025046
	0.043301	0.053012	-0.013831	-0.001344	-0.015780	-0.037978
	0.014459					
y209	-0.018462	-0.051225	0.025681	-0.001436	0.013565	0.019791
	-0.006416	-0.018837	0.036723	0.025834	0.013821	0.024030
	-0.032282	-0.006223	0.033156	0.041591	0.032939	-0.040553
	-0.027963	0.032183	0.025047	0.003220	-0.015134	-0.027553
	-0.012788	-0.066102	0.025966	-0.029137	-0.054362	-0.034991
	0.010146					

z209	-0.050326	-0.012926	0.015814	-0.017016	0.043754	-0.035215
	0.015496	-0.046225	0.016323	-0.021076	-0.024312	0.010141
	-0.016724	-0.032348	0.037779	-0.036661	-0.026492	0.030982
	0.007409	-0.007119	-0.014114	0.042118	-0.014408	-0.086148
	-0.010321	-0.021783	-0.000231	-0.014175	-0.027884	-0.041262
	0.019004					
x210	0.002267	0.041627	0.039378	-0.004270	0.009437	0.026906
	0.019647	0.027793	-0.025830	0.005277	-0.010103	0.017432
	-0.009690	0.040355	0.005695	-0.037902	0.009551	0.036743
	-0.018568	0.019722	0.005323	0.010703	0.019879	-0.037581
	0.038527	0.049068	0.000875	-0.007628	-0.024187	-0.050217
	0.016724					
y210	-0.015390	-0.050347	0.027964	0.005283	0.007581	0.024122
	-0.011319	-0.014369	0.032434	0.023579	0.010514	0.016731
	-0.017249	-0.004472	0.035131	0.039540	0.022120	-0.034972
	-0.016450	0.029637	0.019601	-0.000334	-0.015097	-0.025268
	0.002893	-0.059730	0.021914	-0.031029	-0.038076	-0.020358
	-0.006554					
z210	-0.058197	-0.006764	0.018821	-0.029552	0.034863	-0.031806
	0.009665	-0.037765	0.014048	-0.020606	-0.008806	0.011629
	-0.023517	-0.026745	0.039293	-0.042806	-0.030877	0.011375
	0.014954	-0.007489	0.010358	0.041101	0.009915	-0.056829
	-0.019496	-0.044493	-0.009735	-0.023237	0.012520	-0.037476
	0.004529					
x211	0.001870	0.050251	0.031499	-0.003042	0.002355	0.018208
	0.016308	0.032006	-0.023601	0.010620	-0.017815	0.014526
	-0.014564	0.045764	0.003300	-0.032033	0.019962	0.036196
	-0.020327	0.020933	0.006212	0.010859	0.016909	-0.045710
	0.037288	0.042520	0.012414	-0.023075	-0.036986	-0.060625
	0.014694					
y211	-0.011928	-0.046517	0.027950	0.012161	-0.000021	0.024796
	-0.014036	-0.010346	0.021717	0.019095	0.006312	0.008508
	-0.006767	0.003785	0.032089	0.030901	0.013417	-0.031811
	-0.001187	0.026790	0.009327	-0.002102	-0.014838	-0.020975
	0.013210	-0.048911	0.014211	-0.024195	-0.012987	-0.008720
	-0.013370					
z211	-0.060212	-0.004483	0.020676	-0.030468	0.034573	-0.024433
	0.000476	-0.036304	0.017093	-0.017863	0.004180	0.004594
	-0.024832	-0.026171	0.043373	-0.036387	-0.031808	0.005209
	0.007091	-0.005495	0.017316	0.033656	0.007417	-0.049218
	-0.019393	-0.046706	-0.006715	-0.027886	0.000198	-0.037017
	-0.011028					

x212	-0.001376	0.057573	0.025072	-0.006153	-0.003280	0.006025
	0.018779	0.037062	-0.022047	0.017369	-0.023902	0.013296
	-0.021897	0.050111	-0.002519	-0.025541	0.031210	0.029478
	-0.021162	0.020524	0.004528	0.011115	0.009568	-0.056023
	0.022246	0.028853	0.021877	-0.028961	-0.041574	-0.069553
	0.010519					
y212	-0.007980	-0.041133	0.026121	0.022012	-0.007468	0.024561
	-0.019626	-0.008251	0.010640	0.014235	0.000929	-0.000313
	-0.000601	0.011088	0.029881	0.021882	0.005820	-0.025174
	0.007437	0.021975	0.000137	-0.003492	-0.014284	-0.013545
	0.025927	-0.035325	0.008220	-0.024338	0.003762	-0.000003
	-0.020784					
z212	-0.062413	0.000544	0.024139	-0.035311	0.032094	-0.021417
	0.001976	-0.030945	0.013165	-0.013623	0.005866	0.001420
	-0.027839	-0.018413	0.035974	-0.034936	-0.022692	-0.013861
	0.024335	-0.005310	0.014786	0.020828	0.000144	-0.052772
	-0.024330	-0.048626	-0.009305	0.001499	0.010475	-0.028583
	-0.009486					
x213	-0.005401	0.061778	0.018388	-0.007140	-0.006210	-0.003521
	0.018289	0.041435	-0.018313	0.025063	-0.027353	0.011796
	-0.025878	0.048700	0.001439	-0.017255	0.038644	0.022860
	-0.024215	0.017860	-0.001306	0.010607	0.009603	-0.060116
	0.014500	0.012899	0.031685	-0.037524	-0.049194	-0.071296
	-0.001245					
y213	-0.004771	-0.033569	0.024504	0.030058	-0.016573	0.021214
	-0.024052	-0.006278	-0.001856	0.012581	-0.007674	-0.007779
	-0.000079	0.017942	0.024258	0.015559	0.002341	-0.020367
	0.013552	0.015213	-0.003899	-0.003924	-0.016981	-0.012308
	0.031796	-0.023411	0.002414	-0.019204	0.018498	0.004719
	-0.021608					
z213	-0.061745	0.003463	0.022253	-0.027707	0.033801	-0.016608
	-0.005842	-0.032024	0.008762	-0.016376	0.000781	-0.010132
	-0.025303	-0.020991	0.040079	-0.035623	-0.014150	-0.015352
	0.036601	-0.004005	0.002862	0.011445	-0.002624	-0.036258
	-0.005440	-0.054646	-0.005042	0.001750	-0.008875	-0.004765
	-0.028605					
x214	-0.012670	0.062431	0.012590	-0.008680	-0.009426	-0.008808
	0.017923	0.046954	-0.013330	0.034101	-0.027511	0.010737
	-0.021920	0.045502	0.005329	-0.016579	0.035983	0.016414
	-0.021153	0.016676	-0.008081	0.002885	0.014514	-0.059176
	-0.003369	-0.011316	0.030568	-0.042560	-0.045410	-0.067384
	-0.025782					

y214	-0.001182	-0.024825	0.022033	0.038037	-0.024577	0.014678
	-0.028838	-0.004880	-0.013290	0.012773	-0.016322	-0.014870
	-0.005406	0.023937	0.022586	0.014877	0.003828	-0.015038
	0.013599	0.003759	-0.007347	0.001399	-0.015405	-0.012374
	0.041720	-0.008024	0.004278	-0.013037	0.028810	0.005440
	-0.019159					
z214	-0.065110	0.006611	0.024173	-0.024037	0.031413	-0.003648
	-0.009045	-0.034560	0.002400	-0.013686	-0.001415	-0.022495
	-0.016359	-0.017442	0.031024	-0.033632	-0.021366	-0.013101
	0.051126	0.016998	0.002708	-0.002897	-0.019259	-0.026159
	-0.018925	-0.071233	-0.012669	0.003356	-0.002140	0.026884
	-0.040007					
x215	-0.020770	0.061092	0.005623	-0.006242	-0.010989	-0.013537
	0.017928	0.057130	-0.005810	0.047748	-0.015529	0.017196
	-0.006775	0.044383	0.011376	-0.021809	0.026717	0.009825
	-0.017829	0.013323	-0.024670	-0.003515	0.030432	-0.042913
	-0.017083	-0.030889	0.027702	-0.046745	-0.027933	-0.065772
	-0.051132					
y215	0.000663	-0.017129	0.019545	0.045220	-0.032007	0.006538
	-0.034759	-0.003958	-0.018397	0.015070	-0.023752	-0.019013
	-0.016086	0.026479	0.021440	0.017488	-0.001237	-0.006145
	0.012217	-0.011859	-0.008070	0.002708	-0.015636	-0.019562
	0.053155	0.001672	0.011823	-0.009232	0.030930	0.005674
	-0.038600					
z215	-0.064495	0.012072	0.026842	-0.014793	0.025606	0.004856
	-0.009173	-0.028613	-0.000158	0.005142	0.007418	-0.026905
	-0.006016	-0.004762	0.022787	-0.007457	-0.015860	-0.013995
	0.048486	0.032854	-0.005231	-0.003218	-0.022919	-0.012242
	-0.011841	-0.068283	0.002258	0.003306	0.000622	0.036340
	-0.019903					
x216	-0.024634	0.064326	0.000762	-0.007629	-0.013872	-0.012713
	0.016367	0.049145	0.001285	0.046744	-0.016180	0.021284
	-0.000645	0.030852	0.005731	-0.025126	0.033724	-0.008176
	-0.023042	0.024265	-0.021071	-0.005148	0.030999	-0.029680
	-0.002620	-0.021372	0.013560	-0.029916	-0.035728	-0.073749
	-0.052251					
y216	-0.003611	-0.005008	0.014371	0.037221	-0.029302	-0.007519
	-0.032494	0.002068	-0.012178	0.018187	-0.027484	-0.007430
	-0.010528	0.011328	0.030892	0.004691	0.014787	-0.016669
	0.001542	-0.009143	-0.002170	0.002041	-0.007254	-0.019404
	0.054428	0.002114	0.016535	-0.009333	0.013242	-0.006698
	-0.021754					

z216	-0.061234	0.015411	0.026073	-0.006753	0.020293	0.008068
	-0.011006	-0.025401	-0.008480	0.010099	0.008490	-0.029272
	0.007697	-0.012706	0.023020	0.000295	-0.001861	-0.030420
	0.028219	0.040099	-0.009616	0.010640	-0.034222	0.031201
	-0.022685	-0.070617	-0.017071	-0.014304	-0.011467	0.045775
	-0.048196					
x217	-0.024516	0.064560	-0.001027	-0.008498	-0.014029	-0.012870
	0.013429	0.040394	0.007288	0.045833	-0.018349	0.030242
	0.001776	0.024437	0.004626	-0.027167	0.037598	-0.012145
	-0.020610	0.034103	-0.011734	-0.000106	0.030617	-0.021517
	0.002589	-0.012745	0.002983	-0.012517	-0.041868	-0.095042
	-0.033486					
y217	-0.007042	0.004532	0.009102	0.029877	-0.024575	-0.020944
	-0.031160	0.007903	-0.003601	0.020910	-0.027850	0.008734
	-0.006584	0.003810	0.041965	-0.008673	0.022877	-0.021996
	-0.005192	-0.006374	-0.001566	0.000891	-0.002627	-0.014988
	0.052591	0.001381	0.017534	-0.002385	-0.003022	-0.020634
	-0.011518					
z217	-0.053430	0.016166	0.026961	-0.000407	0.016965	0.009501
	-0.011531	-0.026513	-0.005770	0.014289	0.013382	-0.019866
	0.012582	-0.017219	0.014413	0.010204	0.003834	-0.023756
	0.029018	0.046869	-0.008950	0.021483	-0.039876	0.044740
	-0.035102	-0.064803	-0.024898	0.005334	-0.012532	0.004200
	-0.022588					
x218	-0.023498	0.063253	-0.001504	-0.007726	-0.011298	-0.012274
	0.011263	0.034619	0.008616	0.043442	-0.020356	0.032330
	0.000603	0.023124	-0.001195	-0.028680	0.039667	-0.015859
	-0.020272	0.038894	-0.008542	0.003011	0.025612	-0.012468
	0.001236	0.002169	-0.001305	-0.004765	-0.048042	-0.088043
	-0.024562					
y218	-0.010301	0.012860	0.004855	0.022142	-0.018446	-0.034325
	-0.025686	0.013929	0.002307	0.022142	-0.027456	0.021412
	-0.005682	0.002721	0.047510	-0.023087	0.029804	-0.029359
	-0.010954	-0.005081	-0.007612	-0.004257	-0.005310	-0.007249
	0.034667	0.001548	0.020389	0.006409	-0.010504	-0.018891
	-0.010286					
z218	-0.043549	0.015464	0.024735	0.009024	0.013597	0.011717
	-0.022127	-0.027130	-0.006018	0.019790	0.014467	-0.021121
	0.019698	-0.026523	0.004830	0.016158	0.002911	-0.019116
	0.027733	0.051033	0.004322	0.033753	-0.034129	0.038740
	-0.009197	-0.040400	-0.029434	-0.014717	-0.010567	0.009247
	0.002864					

x219	-0.022919	0.059464	-0.001533	-0.005096	-0.007760	-0.007065
	0.008423	0.029317	0.007427	0.040350	-0.021523	0.031391
	-0.003115	0.024835	-0.005711	-0.017673	0.038787	-0.012626
	-0.021344	0.036799	-0.007766	0.008974	0.019789	-0.002391
	0.000914	0.008870	-0.004373	0.006434	-0.046558	-0.072288
	-0.013448					
y219	-0.012212	0.018642	0.001559	0.017109	-0.010870	-0.044963
	-0.023328	0.017800	0.007608	0.023048	-0.028367	0.033822
	-0.005087	0.002168	0.055970	-0.032900	0.032721	-0.030838
	-0.016632	-0.006629	-0.009383	-0.006219	-0.004343	-0.000135
	0.023906	0.000664	0.022089	0.009611	-0.015285	-0.009005
	-0.003320					
z219	-0.037570	0.015146	0.021576	0.016104	0.007878	0.018398
	-0.026010	-0.030849	-0.007741	0.022212	0.017745	-0.026797
	0.016018	-0.036474	-0.005087	0.031340	-0.005695	-0.011855
	0.026950	0.039922	0.018961	0.048542	-0.031110	0.040363
	0.012668	-0.035678	-0.014944	-0.013564	0.001912	0.013712
	0.034612					
x220	-0.021290	0.054734	-0.000782	-0.003003	-0.004516	0.003633
	0.004913	0.022243	0.002815	0.037892	-0.028571	0.029399
	-0.006430	0.026917	-0.014428	-0.004713	0.037348	-0.007240
	-0.020831	0.037612	-0.006339	0.012101	0.018264	0.006152
	0.000760	0.011733	-0.002959	0.016703	-0.044558	-0.040861
	-0.012403					
y220	-0.013291	0.021449	-0.000374	0.014558	-0.002293	-0.054029
	-0.023755	0.019202	0.010716	0.025191	-0.032416	0.046479
	-0.002934	0.001664	0.060989	-0.036940	0.035643	-0.027815
	-0.020311	-0.007839	-0.010343	-0.006549	-0.000394	0.006982
	0.018886	0.005355	0.022287	0.008675	-0.018236	0.012333
	0.002120					
z220	-0.028014	0.017280	0.020960	0.015237	0.002144	0.024394
	-0.025850	-0.032377	-0.016953	0.028636	0.010705	-0.032627
	0.016697	-0.043380	-0.013445	0.041643	-0.010503	-0.007165
	0.035265	0.046127	0.018516	0.049520	-0.025376	0.038000
	0.013727	-0.027509	-0.006700	-0.002142	0.016033	0.047686
	0.030865					
x221	-0.020030	0.047356	-0.001772	-0.001855	-0.001098	0.014677
	0.002599	0.014981	-0.000105	0.036210	-0.035484	0.030936
	-0.008573	0.024058	-0.026056	0.010300	0.036675	-0.004503
	-0.024038	0.035182	0.000226	0.018399	0.009403	0.020402
	0.007139	0.011451	-0.001499	0.019052	-0.041286	-0.028545
	-0.010930					

y221	-0.014123	0.023024	-0.002903	0.010370	0.006674	-0.060500
	-0.020887	0.021443	0.012986	0.028668	-0.033088	0.059200
	-0.002510	0.002940	0.060720	-0.039195	0.036925	-0.027141
	-0.020949	-0.009601	-0.012695	-0.003516	-0.001898	0.018252
	0.011228	0.001594	0.021881	0.004262	-0.019320	0.022492
	0.003906					
z221	-0.017694	0.014535	0.017378	0.013529	0.003226	0.018811
	-0.032590	-0.033538	-0.015762	0.031602	0.002542	-0.031597
	0.016797	-0.064210	-0.008953	0.035689	-0.008739	0.001145
	0.019486	0.041488	0.031404	0.056523	-0.025753	0.046458
	0.015735	-0.012909	-0.001365	-0.012965	0.013112	0.031189
	0.038243					
x222	-0.020701	0.040329	-0.002263	0.001073	-0.001255	0.031074
	-0.000827	0.009246	-0.005380	0.032955	-0.039600	0.029663
	-0.010043	0.023708	-0.040413	0.027428	0.031656	-0.005183
	-0.029941	0.027896	0.003920	0.019441	0.004080	0.025158
	0.018550	0.009201	-0.001979	0.028198	-0.031987	-0.009660
	-0.011199					
y222	-0.016473	0.022260	-0.005694	0.008483	0.013917	-0.061036
	-0.020448	0.020615	0.016712	0.033311	-0.032370	0.067767
	-0.001422	0.002257	0.055521	-0.032620	0.036370	-0.025534
	-0.023290	-0.012737	-0.012775	0.002729	0.001996	0.022905
	0.014611	-0.001162	0.020247	0.000206	-0.020647	0.045031
	0.007473					
z222	-0.011012	0.012746	0.017566	0.012078	0.004733	0.013547
	-0.038916	-0.027624	-0.021039	0.037075	0.001866	-0.026688
	0.014804	-0.070122	-0.004737	0.025700	-0.007568	0.000429
	-0.002148	0.030157	0.023839	0.045988	-0.021091	0.039514
	0.024992	-0.010626	0.000187	-0.010211	0.017102	0.040915
	0.038645					
x223	-0.021775	0.034439	-0.003346	0.002575	-0.003092	0.048308
	-0.002590	0.001461	-0.011342	0.025822	-0.043923	0.027314
	-0.009340	0.027030	-0.051392	0.045177	0.023791	-0.008550
	-0.033125	0.021890	0.009056	0.018691	0.001638	0.023273
	0.029305	-0.001036	-0.000835	0.038555	-0.009024	-0.006864
	-0.011968					
y223	-0.019780	0.020791	-0.010989	0.004658	0.019885	-0.056311
	-0.017661	0.014986	0.020876	0.036602	-0.028843	0.075952
	0.000405	0.002014	0.045405	-0.018719	0.033761	-0.024689
	-0.019808	-0.016581	-0.012566	0.016971	0.003943	0.021206
	0.016230	-0.018475	0.015155	-0.002438	-0.009773	0.048799
	0.012345					

z223	-0.005788	0.013511	0.016907	0.000772	0.011197	-0.001763
	-0.034374	-0.022553	-0.027095	0.035671	0.006263	-0.027494
	0.012505	-0.057801	0.003539	0.010458	-0.010290	-0.007476
	-0.009251	0.020890	0.012229	0.040252	-0.027752	0.042471
	0.003790	-0.034425	0.014269	0.003694	0.039639	0.032176
	0.035091					
x224	-0.022203	0.028879	-0.003994	0.006804	-0.010077	0.065551
	-0.003726	-0.005659	-0.013685	0.014253	-0.050217	0.022452
	-0.007003	0.027281	-0.057129	0.063708	0.017446	-0.009653
	-0.033497	0.022948	0.016941	0.012756	0.006464	0.008843
	0.051609	0.005844	-0.001585	0.044281	0.012713	-0.010221
	-0.019633					
y224	-0.025787	0.019085	-0.018376	0.001280	0.022349	-0.043942
	-0.015485	0.006237	0.026322	0.041360	-0.026834	0.077613
	0.003088	-0.005525	0.027391	0.000224	0.029256	-0.025265
	-0.015670	-0.018990	-0.008523	0.025286	0.006376	0.011855
	0.031993	-0.025381	0.006746	-0.012137	-0.007713	0.062921
	0.005352					
z224	0.000840	0.008283	0.019571	-0.001747	0.015060	-0.016069
	-0.037531	-0.020528	-0.016721	0.033225	0.001500	-0.030264
	0.009476	-0.059128	0.019593	-0.005176	-0.009075	0.002157
	-0.014009	0.006399	0.007723	0.037427	-0.028657	0.039621
	0.011520	-0.018908	0.019497	-0.019636	0.027095	0.032398
	0.024377					
x225	-0.014653	0.024948	0.001829	0.002742	-0.013200	0.058226
	-0.009161	-0.003449	-0.004138	0.016784	-0.042775	0.011425
	-0.006020	0.022967	-0.037788	0.059420	0.010329	-0.008224
	-0.030007	0.006869	0.013486	0.009860	0.005617	0.018184
	0.053238	0.000586	0.013504	0.024040	0.017509	-0.013887
	-0.005734					
y225	-0.029898	0.014901	-0.019935	0.000224	0.020634	-0.033736
	-0.011332	-0.000534	0.028838	0.034485	-0.032211	0.073655
	0.003444	-0.004132	0.015462	0.006406	0.024767	-0.021070
	-0.022907	-0.009592	-0.008329	0.014235	0.002701	0.001768
	0.025819	-0.005605	0.007272	0.005626	-0.002750	0.065215
	-0.002459					
z225	0.000005	0.006628	0.018058	-0.003208	0.018759	-0.021896
	-0.041125	-0.017969	-0.009188	0.032407	0.002107	-0.025943
	0.006634	-0.063106	0.032032	-0.007395	-0.019434	0.010082
	0.005384	0.008559	-0.004239	0.033263	-0.016600	0.036742
	0.032424	0.002344	0.023851	-0.024046	0.030998	0.005776
	0.025893					

x226	-0.007399	0.022105	0.007561	-0.000129	-0.015493	0.052062
	-0.013333	0.002191	0.003294	0.018706	-0.034244	0.002191
	-0.007767	0.019226	-0.021576	0.052795	0.006406	-0.007147
	-0.023998	-0.006123	-0.000143	0.008375	0.002634	0.021707
	0.052405	0.006985	0.025656	0.010286	0.013472	-0.010942
	-0.010704					
y226	-0.032947	0.010983	-0.021095	-0.001595	0.020210	-0.026487
	-0.006536	-0.005453	0.031494	0.029255	-0.033555	0.065611
	0.002501	0.000271	0.005602	0.015114	0.023396	-0.019069
	-0.028481	-0.001891	-0.007480	0.006462	0.002521	-0.002600
	0.013156	0.013311	0.001450	0.013558	-0.001308	0.070369
	-0.020949					
z226	-0.003374	0.004756	0.015249	-0.006265	0.023360	-0.021082
	-0.038259	-0.012508	-0.008253	0.033241	0.009041	-0.030165
	-0.007615	-0.055845	0.021070	-0.009473	-0.009156	0.017372
	0.023127	-0.001129	-0.038107	0.025089	-0.018890	0.030078
	0.018935	0.025754	0.027888	-0.014502	0.016364	0.018428
	-0.017155					
x227	-0.001258	0.021147	0.013858	-0.003275	-0.018445	0.046935
	-0.016052	0.007435	0.010973	0.019673	-0.029839	-0.002978
	-0.006668	0.014862	-0.006074	0.045984	0.003274	-0.010272
	-0.020494	-0.013875	-0.001248	0.010576	-0.001731	0.019669
	0.055670	0.012511	0.036826	0.006175	0.014725	-0.011033
	-0.003300					
y227	-0.033301	0.006882	-0.021616	-0.003358	0.021946	-0.020703
	-0.001378	-0.012353	0.035550	0.024005	-0.034574	0.055362
	0.001666	0.001439	0.000711	0.024830	0.018971	-0.017309
	-0.026953	0.001740	-0.000981	0.004141	0.002751	-0.007998
	0.005590	0.018845	-0.001825	0.024809	0.001167	0.060597
	-0.021522					
z227	-0.007272	0.003948	0.014565	-0.007970	0.033165	-0.015079
	-0.036745	-0.016294	-0.000549	0.034522	0.006761	-0.031841
	-0.015309	-0.051768	0.012720	-0.006728	-0.000898	0.018156
	0.032340	-0.007485	-0.030295	0.025475	-0.023933	0.016867
	0.023092	0.042391	0.036830	0.011719	0.015532	0.015623
	-0.014491					
x228	0.004214	0.021136	0.019101	-0.005589	-0.022758	0.041660
	-0.017116	0.013538	0.016357	0.022846	-0.026142	-0.001719
	-0.002501	0.010992	0.009612	0.040347	0.000901	-0.014173
	-0.017958	-0.015856	0.001439	0.011280	-0.010104	0.018946
	0.054889	0.011324	0.045006	0.002349	0.017662	-0.010200
	0.009131					

y228	-0.031301	0.002838	-0.020341	-0.006897	0.024014	-0.017409
	0.002911	-0.016819	0.037076	0.019764	-0.035695	0.043008
	0.002893	0.003663	0.003557	0.033577	0.015501	-0.013808
	-0.021043	0.006327	0.003568	0.002212	0.004466	-0.015326
	-0.006684	0.019347	-0.008262	0.029433	-0.001513	0.044412
	-0.022353					
z228	-0.009544	0.003314	0.016380	-0.010863	0.040351	-0.012759
	-0.031666	-0.015660	0.001870	0.042680	0.000688	-0.024776
	-0.010380	-0.044943	0.020216	-0.004789	0.017664	0.014687
	0.041383	0.000353	-0.006864	0.021778	-0.029772	0.006132
	0.004176	0.035627	0.037604	0.014400	0.013369	0.001798
	0.016682					
x229	0.009365	0.021607	0.022288	-0.005483	-0.028413	0.035931
	-0.018894	0.020935	0.020659	0.025634	-0.023385	-0.000487
	0.000862	0.007614	0.022062	0.033698	-0.003990	-0.017344
	-0.019904	-0.018245	-0.002970	0.010431	-0.015154	0.010727
	0.056103	0.008435	0.053748	0.001613	0.020585	-0.000437
	0.013155					
y229	-0.028145	-0.000505	-0.018381	-0.010673	0.024816	-0.016894
	0.004695	-0.018579	0.038267	0.014188	-0.034356	0.031036
	0.005349	0.006239	0.011907	0.041476	0.009145	-0.009443
	-0.018091	0.009420	0.007711	0.001679	0.010505	-0.020170
	-0.014542	0.017807	-0.017481	0.023375	0.001714	0.025200
	-0.024484					
z229	-0.009895	0.000975	0.013944	-0.009200	0.044352	-0.011758
	-0.032636	-0.011317	0.003439	0.046901	-0.001932	-0.023856
	-0.009740	-0.040920	0.032770	0.004734	0.022567	0.014892
	0.036236	0.000636	-0.014766	0.007889	-0.020833	-0.008874
	-0.000895	0.022462	0.040679	0.004864	0.024912	0.006379
	0.013169					
x230	0.013558	0.022528	0.022766	-0.004853	-0.030636	0.033657
	-0.019984	0.027324	0.020979	0.028054	-0.016870	0.005485
	-0.000136	0.003346	0.027827	0.028735	-0.014609	-0.015672
	-0.017569	-0.021117	-0.013675	0.012219	-0.025959	0.011270
	0.054364	0.013708	0.057663	0.010165	0.031021	0.004291
	0.000778					
y230	-0.023298	-0.003164	-0.017203	-0.012860	0.026266	-0.018390
	0.005786	-0.020241	0.038503	0.010987	-0.031648	0.020592
	0.007899	0.005824	0.014191	0.050970	0.000073	-0.006850
	-0.012667	0.007962	-0.001976	0.000803	0.009521	-0.017149
	-0.019436	0.013882	-0.020458	0.021299	0.004954	0.005874
	-0.034498					

z230	-0.008367	-0.003487	0.008915	-0.007063	0.057403	-0.005830
	-0.030795	-0.010626	-0.001531	0.051006	-0.002535	-0.021881
	-0.016421	-0.039047	0.029243	0.019947	0.015725	0.017139
	0.044576	-0.002141	-0.033072	-0.002663	-0.019143	-0.008838
	-0.011019	0.028620	0.044937	0.005618	0.055671	-0.013677
	-0.033186					
x231	0.015951	0.024536	0.022671	-0.005224	-0.032612	0.029860
	-0.017475	0.034124	0.023159	0.028789	-0.010736	0.013748
	-0.000443	0.001461	0.033342	0.018774	-0.021663	-0.016092
	-0.017479	-0.020767	-0.005495	0.017650	-0.034095	0.012920
	0.052304	0.018270	0.052868	0.016307	0.030075	0.007684
	0.007757					
y231	-0.017836	-0.004151	-0.015867	-0.016872	0.022143	-0.021371
	0.004891	-0.018554	0.040376	0.007113	-0.029545	0.010469
	0.010786	0.003425	0.014366	0.053150	-0.003518	-0.003622
	-0.008853	0.006307	0.005231	0.005630	0.010231	-0.016734
	-0.020237	0.004919	-0.021682	0.013436	0.005331	-0.014453
	-0.034075					
z231	-0.006493	-0.006660	0.004166	-0.010641	0.063763	-0.003105
	-0.029171	-0.008982	0.001547	0.046391	-0.002926	-0.024955
	-0.022841	-0.035953	0.024646	0.022218	0.015807	0.015469
	0.046777	-0.005580	-0.006029	-0.004697	-0.012321	-0.000255
	-0.011673	0.024568	0.040119	-0.018372	0.061340	-0.036223
	-0.036555					
x232	0.017188	0.025578	0.020944	-0.003282	-0.035008	0.024863
	-0.014110	0.039450	0.021473	0.028846	-0.002652	0.022381
	-0.004741	0.001529	0.038266	0.008127	-0.025659	-0.017252
	-0.012877	-0.025064	0.000146	0.024843	-0.035820	0.013954
	0.048793	0.012622	0.045006	0.032001	0.015987	0.024071
	0.012263					
y232	-0.011528	-0.004174	-0.014264	-0.019072	0.013890	-0.022033
	0.003358	-0.013836	0.042379	0.007720	-0.024253	0.004725
	0.016463	0.001205	0.009309	0.051213	-0.004255	-0.004349
	-0.005884	0.003080	0.004852	0.012705	0.004293	-0.016359
	-0.015697	-0.003457	-0.022395	0.016680	0.005313	-0.019107
	-0.030488					
z232	-0.003087	-0.013531	0.001799	-0.010465	0.061406	0.000349
	-0.028210	-0.006815	-0.000096	0.044825	0.003625	-0.022398
	-0.028719	-0.030735	0.013088	0.019072	0.019865	0.005926
	0.048103	-0.015821	-0.003703	-0.006032	-0.005587	0.004428
	-0.004042	0.015403	0.031498	-0.009886	0.051304	-0.020260
	-0.037947					

x233	0.014166	0.028944	0.016502	-0.003583	-0.033153	0.024789
	-0.007853	0.037211	0.019313	0.031976	0.005504	0.029761
	-0.003703	0.004722	0.042049	0.002437	-0.026154	-0.022107
	-0.007159	-0.025363	0.006972	0.029189	-0.035841	0.017288
	0.040209	0.007678	0.028577	0.036862	0.007998	0.028446
	0.019763					
y233	-0.005130	-0.006062	-0.012411	-0.017881	0.006516	-0.020820
	0.000189	-0.008582	0.046451	0.004767	-0.020183	0.000326
	0.016227	0.001105	0.001256	0.047219	-0.008529	0.002260
	-0.005894	-0.001948	0.000110	0.017951	-0.012021	-0.017948
	-0.019424	-0.011869	-0.015198	0.025717	0.007175	-0.022124
	-0.025384					
z233	0.000874	-0.025063	0.001132	-0.008653	0.065146	0.010023
	-0.026997	-0.010347	0.005771	0.043609	0.004710	-0.018630
	-0.030372	-0.020867	-0.005459	0.016711	0.009464	0.001277
	0.031872	-0.022588	-0.004152	-0.016263	-0.023234	-0.005334
	-0.021149	0.011638	0.031651	0.006170	0.052736	-0.015925
	-0.030274					
x234	0.012161	0.028484	0.011891	-0.001201	-0.029946	0.023893
	-0.002531	0.040708	0.010741	0.037017	0.004295	0.028684
	-0.000941	0.006083	0.030946	-0.001713	-0.022718	-0.026565
	-0.003301	-0.024521	-0.001295	0.023062	-0.036723	0.011039
	0.031388	-0.004631	0.022484	0.022532	0.008067	0.022524
	0.021813					
y234	0.000858	-0.005421	-0.010994	-0.016380	-0.002325	-0.017304
	-0.001898	-0.001828	0.050016	0.007128	-0.016349	-0.004452
	0.013458	-0.000804	-0.002417	0.041557	-0.016572	0.008538
	0.001005	-0.001475	0.000409	0.025880	-0.014390	-0.022980
	-0.009364	-0.021940	-0.008593	0.023849	-0.003487	-0.019075
	-0.013654					
z234	0.007052	-0.036820	0.000045	-0.009015	0.065062	0.016151
	-0.025315	-0.010228	0.009450	0.044504	0.002159	-0.022183
	-0.028790	-0.009953	-0.015445	0.009639	-0.005471	-0.007063
	0.023760	-0.014700	0.001779	-0.016262	-0.009189	-0.022329
	-0.010581	0.004275	0.037521	0.001893	0.037303	0.000920
	-0.012611					
x235	0.011968	0.026112	0.007153	0.000381	-0.028059	0.023667
	0.000207	0.042320	0.004768	0.032666	0.002952	0.028350
	-0.003042	0.008558	0.030920	-0.008140	-0.022727	-0.030065
	-0.000620	-0.026165	-0.006204	0.021268	-0.035616	0.012798
	0.014915	-0.009574	0.010508	0.016200	0.012820	0.021421
	0.020759					

y235	0.004597	-0.003317	-0.010096	-0.013682	-0.010223	-0.015646
	-0.001532	0.002869	0.054157	0.008578	-0.014751	-0.004652
	0.009927	-0.001931	-0.004026	0.036225	-0.019333	0.010971
	0.006576	-0.002502	-0.004177	0.030102	-0.020928	-0.021758
	-0.009797	-0.022334	-0.008536	0.021311	-0.010601	-0.020319
	-0.003398					
z235	0.011340	-0.046493	-0.001076	-0.010839	0.059322	0.015816
	-0.020887	-0.009701	0.017111	0.037371	-0.000367	-0.018693
	-0.025535	0.005839	-0.017147	0.008348	-0.010803	-0.020414
	0.015619	-0.005975	0.003025	-0.006800	0.001005	-0.022319
	-0.015163	0.017285	0.029685	-0.004875	0.025738	0.008243
	-0.001752					
x236	0.010843	0.024015	0.002433	0.000926	-0.027631	0.024006
	0.002711	0.039189	-0.002557	0.030300	0.002998	0.031262
	-0.005672	0.008311	0.033921	-0.014410	-0.026181	-0.034103
	0.002620	-0.028616	-0.008020	0.016554	-0.031731	0.015889
	-0.000855	-0.013205	0.001862	0.011869	0.014376	0.017777
	0.019918					
y236	0.007438	-0.000866	-0.010112	-0.011137	-0.017572	-0.010751
	-0.002183	0.004514	0.054467	0.013256	-0.009927	-0.001265
	0.006755	-0.006295	-0.002981	0.028936	-0.022925	0.012553
	0.014813	-0.005970	-0.008403	0.030486	-0.022713	-0.014902
	-0.005641	-0.021669	-0.010620	0.018813	-0.013644	-0.022158
	0.005413					
z236	0.016370	-0.055607	-0.001735	-0.012725	0.050366	0.020625
	-0.020482	-0.010367	0.022516	0.031372	0.003405	-0.013952
	-0.018020	0.010590	-0.016901	0.007799	-0.018914	-0.026386
	0.019515	-0.001394	0.001989	0.006570	0.008092	-0.011800
	-0.008087	0.024689	0.026278	-0.005401	0.019456	0.010115
	0.000339					
x237	0.009433	0.023205	-0.001798	0.001345	-0.027546	0.024089
	0.004288	0.033719	-0.010393	0.029472	0.002495	0.033940
	-0.005281	0.005910	0.040576	-0.018352	-0.031289	-0.036651
	0.002536	-0.030269	-0.003032	0.011936	-0.024054	0.015306
	-0.009425	-0.015193	-0.005349	0.006305	0.018007	0.019564
	0.019953					
y237	0.008707	0.002601	-0.011519	-0.009943	-0.023680	-0.006798
	-0.000285	0.005775	0.052321	0.020537	-0.004499	0.003111
	0.004287	-0.009699	-0.002583	0.020775	-0.024225	0.011059
	0.018917	-0.011168	-0.009818	0.027657	-0.022139	-0.009959
	-0.003024	-0.021281	-0.014823	0.017330	-0.002673	-0.016591
	0.012597					

z237	0.019672	-0.062225	-0.001556	-0.017939	0.041109	0.021324
	-0.016258	-0.005417	0.024946	0.026128	0.008413	-0.014574
	-0.008733	0.016650	-0.022298	0.006659	-0.020584	-0.027709
	0.025539	0.000646	0.001237	0.018461	0.004938	-0.004232
	-0.006975	0.028014	0.025699	0.009603	0.039021	0.017142
	-0.005237					
x238	0.007922	0.023115	-0.004691	0.002376	-0.027268	0.024185
	0.005237	0.027570	-0.017271	0.027533	0.000450	0.033724
	-0.003676	0.002618	0.046631	-0.023091	-0.037979	-0.037715
	0.000276	-0.029463	0.004120	0.004812	-0.012733	0.013367
	-0.018525	-0.014195	-0.011417	0.001988	0.016759	0.024478
	0.017467					
y238	0.008072	0.006374	-0.014270	-0.007619	-0.027742	-0.003941
	0.000844	0.005162	0.048595	0.029525	0.000083	0.008465
	0.001123	-0.014139	0.000509	0.010726	-0.026401	0.008432
	0.014599	-0.015479	-0.011011	0.018245	-0.013554	-0.010793
	-0.007132	-0.020710	-0.020807	0.009555	0.003284	-0.012384
	0.017755					
z238	0.022124	-0.069083	-0.002574	-0.018156	0.032219	0.020055
	-0.019572	0.002721	0.025539	0.020710	0.019029	-0.013801
	-0.007920	0.021973	-0.020756	-0.002137	-0.023167	-0.025547
	0.018123	0.002043	0.002115	0.017699	0.006151	-0.012802
	-0.013124	0.038684	0.023956	0.012592	0.030127	0.005539
	-0.014721					
x239	0.007509	0.023170	-0.005972	0.003690	-0.025231	0.024071
	0.006470	0.022580	-0.021338	0.021791	-0.004441	0.032937
	-0.000815	0.000225	0.049403	-0.024804	-0.046432	-0.034169
	0.001334	-0.024924	0.015876	-0.000389	-0.002507	0.007382
	-0.021101	-0.008211	-0.010565	-0.003335	0.009251	0.021539
	0.014752					
y239	0.007771	0.011601	-0.017818	-0.007171	-0.030307	-0.000293
	0.005402	0.003178	0.044690	0.040215	0.001136	0.015128
	0.003089	-0.020620	0.000938	0.006215	-0.028635	0.003696
	0.013374	-0.016211	-0.012081	0.011793	-0.003960	-0.011064
	-0.003039	-0.021962	-0.024381	-0.000295	0.015791	-0.005906
	0.019814					
z239	0.024447	-0.073095	-0.004843	-0.021608	0.023549	0.021674
	-0.020524	0.014630	0.028710	0.015400	0.024611	-0.011415
	0.000052	0.024273	-0.022696	-0.007499	-0.023976	-0.022607
	0.020493	0.004304	-0.007008	0.025756	0.000572	-0.016668
	-0.010450	0.043124	0.029820	0.017705	0.031701	-0.006328
	-0.027567					

x240	0.007792	0.022301	-0.004762	0.006176	-0.021025	0.024582
	0.005164	0.020879	-0.023864	0.009925	-0.010879	0.027626
	0.001194	0.001791	0.049223	-0.025549	-0.056231	-0.027183
	0.004929	-0.014169	0.029399	-0.003661	0.007375	-0.000343
	-0.020153	0.005614	-0.006063	-0.004425	-0.002734	0.019030
	0.013983					
y240	0.007110	0.017337	-0.020255	-0.005855	-0.029446	0.002251
	0.010872	-0.001092	0.037528	0.049452	-0.000931	0.018863
	0.005435	-0.027761	0.002851	0.005046	-0.032764	-0.000331
	0.010122	-0.010248	-0.014701	0.008115	0.006262	-0.003711
	-0.000420	-0.016180	-0.034036	-0.001519	0.024799	0.005076
	0.016765					
z240	0.026639	-0.072722	-0.008140	-0.023589	0.016404	0.022434
	-0.025599	0.022895	0.021296	0.009451	0.026290	-0.004845
	0.005808	0.024979	-0.020179	-0.012775	-0.027715	-0.018842
	0.010425	0.009400	-0.024794	0.037791	-0.005168	-0.011189
	-0.009945	0.057062	0.021089	0.034239	0.024288	-0.002952
	-0.041214					
x241	0.008586	0.019353	-0.001785	0.010857	-0.016403	0.026356
	0.000568	0.023155	-0.023556	-0.006710	-0.018237	0.016433
	0.001598	0.007846	0.044659	-0.026878	-0.065046	-0.017417
	0.010951	0.000200	0.042946	-0.008854	0.018063	-0.018355
	-0.018062	0.020806	0.007249	-0.005467	-0.013698	0.015176
	0.012033					
y241	0.007092	0.021268	-0.019445	-0.003107	-0.028087	0.004515
	0.018784	-0.003812	0.032034	0.053230	-0.003813	0.016820
	0.006505	-0.030705	0.002094	0.003948	-0.034914	-0.001325
	0.013658	0.001086	-0.010560	0.002213	0.016149	-0.004105
	-0.006445	-0.009750	-0.029856	0.000609	0.033125	0.007009
	0.019284					
z241	0.026837	-0.069525	-0.010739	-0.024981	0.004681	0.025252
	-0.031480	0.027090	0.009674	0.006685	0.026191	-0.000422
	0.007235	0.024459	-0.010876	-0.022919	-0.026764	-0.016064
	-0.003700	0.009620	-0.037725	0.033814	-0.006815	-0.022449
	-0.025322	0.056474	0.022860	0.050653	0.014619	-0.004614
	-0.039369					
x242	0.008647	0.014621	0.001020	0.015557	-0.011231	0.029357
	-0.007857	0.027826	-0.021457	-0.022778	-0.025401	0.001619
	-0.001110	0.017647	0.036353	-0.026325	-0.070836	-0.008635
	0.011155	0.012557	0.052036	-0.015065	0.030637	-0.045089
	-0.010379	0.034174	0.021703	-0.005160	-0.020470	0.009573
	0.005150					

y242	0.007767	0.023307	-0.014708	0.000745	-0.024846	0.006704
	0.028900	-0.004988	0.029294	0.050007	-0.005312	0.011404
	0.005904	-0.029883	-0.006076	0.005273	-0.039762	-0.000098
	0.025647	0.016864	0.003128	0.001835	0.024371	-0.008153
	-0.011111	0.000364	-0.013472	-0.008656	0.046913	0.013182
	0.013903					
z242	0.025990	-0.063359	-0.012289	-0.026728	-0.007351	0.030614
	-0.037024	0.018861	-0.000342	0.005976	0.025699	0.005867
	0.009538	0.019157	0.000225	-0.035324	-0.035451	-0.009736
	-0.018404	0.004438	-0.036737	0.028495	-0.006124	-0.027866
	-0.035146	0.049435	0.027178	0.032117	0.020795	0.008641
	-0.047885					
x243	0.004253	0.010051	-0.004249	0.010837	-0.001940	0.025940
	-0.012400	0.026711	-0.022001	-0.021128	-0.021138	-0.005745
	-0.001880	0.017124	0.026250	-0.021695	-0.056827	-0.003775
	0.008034	0.002470	0.042166	-0.011487	0.019478	-0.028477
	-0.012607	0.027426	0.018179	-0.011960	-0.016798	0.005540
	0.011995					
y243	0.006687	0.022680	-0.009737	0.006891	-0.024403	0.013071
	0.029819	-0.006111	0.025777	0.043436	-0.009656	0.003579
	-0.003836	-0.031427	-0.000131	0.005111	-0.037682	-0.000408
	0.028353	0.020244	0.005856	0.002770	0.024634	-0.028040
	-0.007732	0.001521	-0.015078	-0.003641	0.041792	0.001026
	0.011578					
z243	0.020007	-0.057425	-0.014302	-0.029960	-0.012666	0.033878
	-0.037498	0.013541	-0.003295	0.005460	0.020154	0.015750
	0.011738	0.022912	-0.000787	-0.034040	-0.044417	-0.017034
	-0.017852	0.009543	-0.036029	0.025097	-0.006285	-0.018998
	-0.022438	0.055643	0.027676	0.033642	0.031532	-0.004340
	-0.072325					
x244	0.000245	0.005089	-0.009810	0.005572	0.004364	0.022804
	-0.016616	0.024198	-0.024023	-0.017252	-0.017636	-0.009116
	-0.000798	0.017233	0.015641	-0.017476	-0.042940	-0.002425
	0.001486	-0.007247	0.031042	-0.008358	0.011145	-0.017676
	-0.009010	0.018894	0.015934	-0.013961	-0.011381	0.001782
	0.005678					
y244	0.005041	0.021672	-0.005749	0.011022	-0.021191	0.017670
	0.029751	-0.004393	0.022271	0.035600	-0.011105	-0.006033
	-0.012879	-0.031686	0.005014	0.005671	-0.035032	0.001020
	0.029021	0.024593	0.008788	0.000012	0.027597	-0.040168
	-0.004169	0.000035	-0.019773	-0.003733	0.031303	-0.002609
	0.017481					

z244	0.014093	-0.051451	-0.015035	-0.034862	-0.016791	0.036008
	-0.040047	0.010090	-0.006304	0.001890	0.016385	0.022797
	0.012603	0.021606	0.002982	-0.030936	-0.053329	-0.019765
	-0.013894	0.012321	-0.027973	0.015833	0.004353	-0.006395
	-0.013782	0.060661	0.021380	0.027196	0.028252	-0.005862
	-0.064106					
x245	-0.003582	0.000418	-0.014549	-0.000346	0.007543	0.021382
	-0.020719	0.020940	-0.026989	-0.011875	-0.016090	-0.008941
	0.002037	0.014712	0.007164	-0.014755	-0.031862	-0.001938
	-0.004178	-0.016531	0.024741	-0.007278	0.006825	-0.009946
	-0.005066	0.015966	0.018798	-0.009173	-0.009789	0.002036
	-0.005137					
y245	0.003466	0.019911	-0.005166	0.015027	-0.016756	0.020985
	0.028404	-0.002651	0.018325	0.027172	-0.008712	-0.015234
	-0.017943	-0.029104	0.008309	0.008222	-0.029479	0.002962
	0.024136	0.027715	0.003521	-0.004545	0.025537	-0.045254
	-0.003915	-0.005658	-0.024170	-0.002769	0.028066	-0.003270
	0.021146					
z245	0.009556	-0.045663	-0.018738	-0.038404	-0.020520	0.035143
	-0.042036	0.004780	-0.010226	-0.007275	0.017086	0.027790
	0.014862	0.020918	0.005839	-0.030532	-0.054964	-0.022903
	-0.015013	0.013590	-0.026930	0.011497	0.005804	0.011225
	-0.007853	0.059954	0.008549	0.006239	0.031327	-0.008014
	-0.062289					
x246	-0.006607	-0.003290	-0.019321	-0.006189	0.007358	0.020116
	-0.025242	0.016398	-0.030975	-0.008070	-0.013875	-0.006022
	0.006406	0.010201	0.000033	-0.014115	-0.023864	-0.001683
	-0.009901	-0.020750	0.023063	-0.011594	0.004077	0.000138
	-0.002869	0.019082	0.021533	-0.003116	-0.005712	0.003262
	-0.014234					
y246	0.001210	0.017070	-0.005724	0.017792	-0.011943	0.024602
	0.028187	-0.001273	0.013821	0.020827	-0.007241	-0.022874
	-0.020529	-0.026234	0.012090	0.009914	-0.021090	0.003065
	0.018173	0.024631	-0.002613	-0.002506	0.023487	-0.049057
	-0.006016	-0.015562	-0.025306	-0.000272	0.021976	-0.003278
	0.019159					
z246	0.004306	-0.039818	-0.020967	-0.041600	-0.024737	0.034771
	-0.041410	0.001565	-0.010518	-0.013924	0.013788	0.030566
	0.013737	0.018539	0.013800	-0.024815	-0.052835	-0.023989
	-0.013199	0.007685	-0.023309	0.015421	0.013945	0.017281
	-0.006850	0.046610	0.002840	-0.003015	0.033718	-0.014317
	-0.056658					

x247	-0.009087	-0.005910	-0.023681	-0.011731	0.005238	0.019363
	-0.029642	0.011507	-0.034707	-0.005209	-0.013146	-0.002367
	0.010130	0.003925	-0.004606	-0.014543	-0.016708	-0.001885
	-0.015024	-0.024322	0.023866	-0.013667	0.005548	0.008264
	-0.002713	0.017912	0.023425	-0.000296	0.001073	0.000783
	-0.020623					
y247	-0.001484	0.013332	-0.008470	0.019198	-0.008150	0.027863
	0.027868	-0.000955	0.008567	0.015375	-0.004255	-0.027873
	-0.020969	-0.023290	0.013677	0.009561	-0.011795	0.002897
	0.010859	0.020193	-0.008423	-0.002268	0.019196	-0.045786
	-0.008907	-0.018150	-0.024212	0.002854	0.014564	0.000151
	0.014092					
z247	-0.000782	-0.033726	-0.022846	-0.042837	-0.028429	0.033103
	-0.041954	-0.000215	-0.009262	-0.019067	0.013080	0.033570
	0.010406	0.011968	0.022278	-0.018143	-0.051047	-0.022417
	-0.007207	0.002106	-0.018442	0.016797	0.021064	0.020148
	-0.004491	0.044536	0.000045	-0.008932	0.028150	-0.016177
	-0.042288					
x248	-0.011033	-0.007114	-0.026692	-0.015759	0.002548	0.019007
	-0.035174	0.008076	-0.037727	-0.001484	-0.012413	0.001677
	0.012843	-0.005875	-0.006027	-0.014735	-0.011552	-0.001833
	-0.017518	-0.027749	0.023105	-0.012956	0.008629	0.010954
	-0.007994	0.018010	0.024844	0.001540	0.005922	-0.003919
	-0.016800					
y248	-0.005057	0.009132	-0.013506	0.018359	-0.007056	0.031025
	0.027315	-0.002573	0.003233	0.010389	-0.002023	-0.030127
	-0.021233	-0.019682	0.012886	0.008279	-0.001566	0.000970
	-0.000046	0.015074	-0.010190	-0.004111	0.016859	-0.036299
	-0.012146	-0.020105	-0.022480	0.006598	0.012182	0.005240
	0.008881					
z248	-0.005997	-0.027806	-0.024735	-0.044465	-0.032265	0.031242
	-0.039207	-0.004234	-0.008482	-0.028688	0.012133	0.031476
	0.006436	0.009250	0.024366	-0.013996	-0.047872	-0.023991
	-0.007404	-0.002440	-0.009924	0.016278	0.027119	0.024386
	0.004992	0.035031	0.001575	-0.018091	0.020858	-0.020131
	-0.037768					
x249	-0.012735	-0.006632	-0.027602	-0.018846	0.000352	0.018439
	-0.039888	0.005025	-0.039495	-0.000866	-0.012527	0.003849
	0.013706	-0.017128	-0.006071	-0.017119	-0.007607	-0.003436
	-0.020843	-0.031594	0.021621	-0.005408	0.012742	0.008293
	-0.009437	0.018007	0.027861	-0.003270	0.000613	-0.012826
	-0.009887					

y249	-0.009441	0.004876	-0.021052	0.016319	-0.009056	0.033493
	0.024591	-0.004856	-0.002830	0.006981	0.001565	-0.029793
	-0.021225	-0.015206	0.011727	0.006720	0.008378	-0.003002
	-0.013018	0.010271	-0.011446	-0.008239	0.017550	-0.022008
	-0.020746	-0.019719	-0.024157	0.009970	0.017112	0.009660
	0.001363					
z249	-0.010428	-0.022633	-0.027639	-0.042710	-0.034829	0.030082
	-0.040306	-0.006334	-0.008765	-0.032668	0.015067	0.027905
	0.005042	0.005837	0.026175	-0.003512	-0.045269	-0.023675
	-0.005269	-0.006197	-0.011024	0.006775	0.032265	0.024837
	0.002387	0.026130	0.003099	-0.013548	0.028627	-0.014754
	-0.024104					
x250	-0.013720	-0.005793	-0.027235	-0.021359	0.000966	0.017584
	-0.046626	0.004185	-0.037814	-0.000749	-0.010081	0.002259
	0.014169	-0.027881	-0.006341	-0.017755	-0.006785	-0.003759
	-0.026347	-0.033189	0.012150	-0.000793	0.017515	-0.000148
	-0.008178	0.015409	0.032095	-0.010818	0.001083	-0.020386
	0.005516					
y250	-0.015054	0.001538	-0.029046	0.013821	-0.014285	0.036445
	0.020058	-0.007828	-0.009062	0.004353	0.005712	-0.026348
	-0.023152	-0.010598	0.010039	0.004157	0.016451	-0.008966
	-0.026306	0.001873	-0.013486	-0.008560	0.023427	-0.009923
	-0.033279	-0.016300	-0.025206	0.014966	0.024534	0.009528
	-0.002235					
z250	-0.013722	-0.018149	-0.030090	-0.037627	-0.039151	0.031085
	-0.038132	-0.011197	-0.013256	-0.038106	0.014324	0.024632
	0.005729	0.001659	0.029406	0.003272	-0.038395	-0.027025
	-0.004754	-0.007969	-0.004733	0.002125	0.034740	0.020035
	-0.003723	0.018303	0.005682	-0.007924	0.019122	-0.014472
	-0.015109					
x251	-0.013010	-0.004620	-0.026405	-0.020646	0.002612	0.016046
	-0.051116	0.003596	-0.038148	-0.001528	-0.007204	-0.002244
	0.020383	-0.038541	-0.000919	-0.015896	-0.006825	-0.003286
	-0.027334	-0.029406	0.006954	-0.001147	0.021187	-0.009896
	-0.013596	0.014661	0.045338	-0.005123	-0.009452	-0.025639
	0.022616					
y251	-0.021443	-0.001336	-0.035984	0.011291	-0.021623	0.039227
	0.013852	-0.011119	-0.015056	0.001734	0.011229	-0.021762
	-0.025016	-0.003874	0.008936	0.000346	0.017274	-0.016404
	-0.039032	-0.008964	-0.016377	-0.002885	0.031378	-0.003474
	-0.049901	-0.006968	-0.022845	0.024205	0.032564	0.002098
	-0.000965					

z251	-0.015906	-0.014467	-0.030249	-0.033770	-0.041093	0.033499
	-0.036930	-0.017121	-0.015226	-0.043863	0.013201	0.019196
	0.003725	-0.004929	0.025028	0.008952	-0.030991	-0.030686
	-0.014266	-0.015201	-0.008458	0.003763	0.030346	0.011402
	0.000999	0.005829	0.001046	-0.022424	0.015535	-0.017521
	-0.000840					
x252	-0.008292	-0.003378	-0.024053	-0.020185	0.003800	0.011664
	-0.053129	0.000041	-0.034504	0.003303	-0.003491	-0.001403
	0.019218	-0.042245	-0.000571	-0.014352	-0.009277	-0.001097
	-0.023909	-0.027724	0.014363	-0.011600	0.009957	-0.010804
	-0.014134	0.011916	0.042614	-0.001395	-0.009818	-0.045024
	0.025187					
y252	-0.021457	-0.002483	-0.036897	0.009018	-0.013563	0.034600
	0.012415	-0.005785	-0.013382	0.003077	0.010636	-0.023454
	-0.020155	-0.004535	0.001104	-0.005482	0.013216	-0.015553
	-0.032394	-0.003810	-0.019952	-0.002907	0.022622	-0.004371
	-0.042854	-0.002672	-0.015630	0.013181	0.020726	0.001160
	0.014140					
z252	-0.016582	-0.013012	-0.029340	-0.027244	-0.040885	0.035614
	-0.036617	-0.018999	-0.015871	-0.038942	0.012649	0.020287
	-0.002383	-0.010519	0.021797	0.018234	-0.024973	-0.030816
	-0.016170	-0.019203	-0.004467	-0.005362	0.031803	0.001921
	-0.005190	0.000940	0.000091	-0.011340	0.008974	-0.027527
	0.022333					
x253	-0.004849	-0.001847	-0.021153	-0.020392	0.004736	0.008951
	-0.054335	-0.001974	-0.032653	0.008173	-0.001047	0.000017
	0.014797	-0.043905	0.000167	-0.010038	-0.009624	0.002528
	-0.021996	-0.025918	0.018160	-0.017039	0.006801	-0.012743
	-0.018458	0.008239	0.036142	0.004572	-0.007518	-0.058682
	0.032137					
y253	-0.021851	-0.003654	-0.036332	0.006437	-0.005129	0.030476
	0.010318	-0.001094	-0.012116	0.005398	0.009431	-0.025423
	-0.017040	-0.003778	-0.004702	-0.008613	0.005518	-0.013582
	-0.026077	0.000007	-0.022815	-0.002051	0.015258	-0.009856
	-0.037068	0.003528	-0.005537	0.011105	0.008823	-0.001286
	0.031850					
z253	-0.016525	-0.012742	-0.029327	-0.021452	-0.041075	0.034515
	-0.034029	-0.023240	-0.016164	-0.039605	0.015826	0.016566
	-0.009080	-0.013882	0.018335	0.017393	-0.024374	-0.035323
	-0.015242	-0.020523	0.001733	-0.013081	0.022445	-0.004138
	-0.005140	-0.003542	0.005345	-0.007991	0.005873	-0.037801
	0.034156					

x254	-0.002365	-0.001077	-0.018191	-0.021014	0.004766	0.006073
	-0.053255	-0.005148	-0.030204	0.009455	0.001848	-0.000847
	0.009039	-0.045165	0.001908	-0.006972	-0.009101	0.004452
	-0.021613	-0.024862	0.021297	-0.018987	0.003362	-0.013582
	-0.020701	0.005108	0.027293	0.005449	-0.001865	-0.066508
	0.038044					
y254	-0.022600	-0.005252	-0.035187	0.003695	0.002534	0.026478
	0.008900	0.002314	-0.011514	0.007154	0.008552	-0.028707
	-0.015490	-0.000975	-0.008219	-0.011152	-0.003159	-0.012056
	-0.021594	0.002686	-0.024435	-0.000589	0.007717	-0.017089
	-0.033899	0.010882	0.003040	0.011629	-0.002731	-0.003750
	0.046746					
z254	-0.015488	-0.012800	-0.030560	-0.016698	-0.040832	0.033068
	-0.033622	-0.024970	-0.018342	-0.038067	0.017153	0.015061
	-0.016014	-0.015822	0.017060	0.019775	-0.023761	-0.037968
	-0.013479	-0.014820	0.004857	-0.017666	0.015056	-0.007561
	-0.003950	-0.007188	0.004797	-0.002858	0.002274	-0.042497
	0.033694					
x255	-0.000274	-0.000145	-0.015969	-0.021743	0.002846	0.004172
	-0.052357	-0.007581	-0.028463	0.008445	0.004783	-0.001689
	0.003921	-0.045418	0.003208	-0.005562	-0.008008	0.005203
	-0.020984	-0.021642	0.024307	-0.022931	0.000180	-0.012244
	-0.021061	0.000091	0.013621	0.003339	0.007106	-0.067334
	0.037517					
y255	-0.023689	-0.006993	-0.034683	0.000904	0.009125	0.023230
	0.007781	0.005370	-0.012077	0.008120	0.007508	-0.031738
	-0.015692	0.002990	-0.010515	-0.012518	-0.012526	-0.011062
	-0.018716	0.006305	-0.024180	-0.000353	-0.001731	-0.024024
	-0.030810	0.016754	0.008274	0.013071	-0.011971	-0.001823
	0.054399					
z255	-0.014285	-0.013760	-0.030343	-0.013800	-0.039030	0.029028
	-0.030396	-0.027163	-0.018305	-0.036502	0.018893	0.011674
	-0.022454	-0.013828	0.014829	0.022530	-0.021104	-0.039143
	-0.012835	-0.013407	0.002560	-0.012463	0.012460	-0.009882
	-0.005162	-0.003731	0.002529	0.003546	-0.001156	-0.051555
	0.043609					
x256	0.001581	0.000949	-0.013742	-0.022132	-0.000416	0.003170
	-0.052136	-0.009587	-0.026413	0.005802	0.007057	-0.001859
	-0.000025	-0.044822	0.005029	-0.005192	-0.005733	0.006187
	-0.020572	-0.019938	0.026749	-0.024503	0.002233	-0.006915
	-0.018237	-0.003086	-0.003494	0.000759	0.014977	-0.063681
	0.036286					

y256	-0.025281	-0.008862	-0.034565	-0.001820	0.014668	0.021014
	0.006853	0.008317	-0.013459	0.007700	0.005871	-0.034056
	-0.016469	0.008037	-0.011991	-0.013411	-0.021265	-0.010319
	-0.016907	0.008788	-0.022851	0.001555	-0.010039	-0.027913
	-0.026521	0.022605	0.008648	0.016426	-0.020928	0.003933
	0.059744					
z256	-0.012244	-0.015920	-0.030749	-0.011102	-0.036293	0.024410
	-0.027615	-0.030840	-0.017514	-0.035278	0.021523	0.006654
	-0.028306	-0.012779	0.015660	0.025287	-0.019906	-0.038637
	-0.015313	-0.012787	0.000112	-0.004862	0.010641	-0.017491
	-0.000539	-0.000097	-0.002148	-0.001276	-0.000209	-0.058083
	0.045762					
x257	0.004190	0.002397	-0.009569	-0.022048	-0.005362	0.001066
	-0.051055	-0.013460	-0.022988	0.003492	0.011430	-0.004020
	-0.004944	-0.045977	0.006800	-0.005027	-0.001815	0.007673
	-0.021608	-0.021176	0.027850	-0.026529	0.010682	0.000330
	-0.018087	-0.006969	-0.021891	0.000045	0.027874	-0.061212
	0.031644					
y257	-0.026544	-0.010465	-0.033399	-0.004866	0.018653	0.017768
	0.007073	0.009284	-0.014054	0.006585	0.005012	-0.038682
	-0.018348	0.011866	-0.012003	-0.013418	-0.028302	-0.009559
	-0.018897	0.008759	-0.019302	0.004310	-0.013102	-0.031060
	-0.023480	0.025953	0.003551	0.018611	-0.024856	0.011863
	0.059533					
z257	-0.010617	-0.018570	-0.033420	-0.009289	-0.032634	0.022487
	-0.025183	-0.032147	-0.018601	-0.036336	0.024142	0.004547
	-0.033698	-0.008010	0.011425	0.025317	-0.019670	-0.041580
	-0.013020	-0.012600	-0.008912	0.002027	0.000210	-0.019432
	0.008663	0.004838	-0.007031	-0.004694	-0.000834	-0.054480
	0.041933					
x258	0.007377	0.004585	-0.005629	-0.022285	-0.011570	-0.000827
	-0.050610	-0.015914	-0.017131	-0.000916	0.013546	-0.004482
	-0.006588	-0.045022	0.009309	-0.006244	0.003078	0.009662
	-0.023200	-0.024033	0.027460	-0.027127	0.020405	0.005959
	-0.013331	-0.009664	-0.040077	-0.003295	0.032393	-0.060609
	0.028013					
y258	-0.028771	-0.011861	-0.034524	-0.007244	0.022906	0.017811
	0.004392	0.013176	-0.016607	0.001510	0.003771	-0.036715
	-0.018727	0.017867	-0.015107	-0.014105	-0.033940	-0.008545
	-0.020157	0.004636	-0.019014	0.004650	-0.016500	-0.035466
	-0.014234	0.026484	-0.004324	0.020411	-0.032286	0.020139
	0.055333					

z258	-0.008085	-0.020183	-0.033815	-0.010066	-0.031042	0.016713
	-0.018134	-0.036944	-0.015722	-0.034372	0.024010	-0.006375
	-0.038096	-0.002587	0.012031	0.027592	-0.019670	-0.042131
	-0.015194	-0.012093	-0.013732	0.011521	-0.008019	-0.019513
	0.017220	0.014690	-0.013309	-0.003489	0.002688	-0.040748
	0.042692					
x259	0.011996	0.006949	0.001746	-0.021012	-0.019778	-0.003613
	-0.050256	-0.021344	-0.010093	-0.002441	0.018936	-0.007224
	-0.009222	-0.044396	0.012234	-0.010402	0.009707	0.011839
	-0.022956	-0.027537	0.029334	-0.029294	0.035067	0.011249
	-0.009217	-0.010338	-0.056332	-0.006826	0.039869	-0.062713
	0.022458					
y259	-0.029067	-0.013166	-0.033905	-0.011122	0.024173	0.014684
	0.002695	0.010899	-0.014751	-0.000016	0.004773	-0.043466
	-0.018277	0.020094	-0.015296	-0.011369	-0.039333	-0.005821
	-0.026260	-0.008240	-0.017535	0.005438	-0.017029	-0.036332
	-0.000459	0.029870	-0.017219	0.018865	-0.036547	0.031100
	0.041156					
z259	-0.008142	-0.023436	-0.035624	-0.009313	-0.027283	0.015226
	-0.014490	-0.036375	-0.019023	-0.036491	0.029054	-0.009039
	-0.045813	0.007921	0.010886	0.025437	-0.015587	-0.049573
	-0.013473	-0.010023	-0.017415	0.021290	-0.014159	-0.023801
	0.025520	0.019931	-0.020514	-0.000557	0.007008	-0.030600
	0.042189					
x260	0.017006	0.008154	0.011585	-0.021135	-0.029914	-0.007139
	-0.049755	-0.028717	-0.001106	-0.000367	0.030221	-0.011098
	-0.015952	-0.036829	0.019258	-0.010664	0.020188	0.007138
	-0.018565	-0.031192	0.031090	-0.029099	0.045273	0.010226
	0.002585	-0.001402	-0.066364	-0.002377	0.040650	-0.070523
	0.023550					
y260	-0.027128	-0.014167	-0.030062	-0.014470	0.022671	0.010459
	-0.000801	0.007485	-0.011664	-0.002445	0.007563	-0.051639
	-0.019106	0.020773	-0.019672	-0.007416	-0.039798	-0.002256
	-0.030507	-0.024855	-0.018423	0.005202	-0.011115	-0.031558
	0.013109	0.031943	-0.033612	0.017688	-0.031075	0.049116
	0.017108					
z260	-0.008524	-0.026043	-0.040296	-0.009450	-0.020764	0.013400
	-0.010970	-0.033181	-0.019377	-0.041995	0.033214	-0.011975
	-0.048620	0.022402	0.018814	0.020684	-0.016664	-0.050627
	-0.021313	-0.016918	-0.014648	0.036087	-0.023851	-0.037917
	0.052903	0.028283	-0.029823	-0.003842	-0.004024	-0.012838
	0.039426					

x261	0.019951	0.013674	0.011428	-0.022851	-0.032952	-0.012173
	-0.048581	-0.033778	-0.010623	-0.001940	0.029502	0.003230
	-0.017909	-0.029201	0.006489	-0.006961	0.017368	0.003923
	-0.015243	-0.021648	0.035932	-0.015849	0.043187	-0.008814
	0.002129	0.000693	-0.052210	-0.010531	0.034262	-0.043242
	0.023824					
y261	-0.021809	-0.010419	-0.021125	-0.017408	0.022775	0.003169
	-0.011867	0.014589	-0.012655	-0.017913	0.003033	-0.041937
	-0.023993	0.014628	-0.023473	-0.011786	-0.036005	0.004977
	-0.044401	-0.026821	-0.016106	-0.004929	0.001504	-0.018392
	0.009938	0.017611	-0.038103	0.014603	-0.030430	0.056771
	0.018800					
z261	-0.001931	-0.020591	-0.036203	-0.005239	-0.014115	0.008054
	-0.013798	-0.028192	-0.027165	-0.052215	0.028522	0.000209
	-0.051138	0.024176	0.004521	0.005814	-0.011658	-0.028278
	-0.029914	-0.014305	-0.015224	0.020601	-0.012121	-0.032048
	0.036668	0.015184	-0.034525	-0.012747	0.009932	0.006691
	0.023574					
x262	0.025260	0.020791	0.014912	-0.020228	-0.035193	-0.017509
	-0.044979	-0.040941	-0.018341	-0.003383	0.027232	0.016514
	-0.020782	-0.027225	-0.008614	-0.011442	0.011159	0.007740
	-0.007655	-0.007562	0.038647	-0.005586	0.050685	-0.014988
	-0.010274	0.000104	-0.039412	-0.017263	0.032688	-0.020487
	0.020601					
y262	-0.016205	-0.002528	-0.013176	-0.018524	0.021243	-0.004935
	-0.020273	0.020175	-0.016482	-0.028527	-0.007677	-0.029154
	-0.021596	0.008963	-0.032914	-0.015148	-0.032640	0.016655
	-0.057309	-0.025543	-0.014343	-0.013837	0.020136	-0.013859
	0.006381	-0.001676	-0.044776	0.005792	-0.030256	0.059393
	0.023487					
z262	0.006018	-0.017270	-0.031702	-0.003063	-0.008441	0.000899
	-0.012891	-0.024321	-0.025004	-0.059032	0.027987	0.002344
	-0.058174	0.020754	0.001738	0.002330	-0.006145	-0.013540
	-0.037379	-0.014989	-0.018854	0.011205	-0.010494	-0.020570
	0.022505	0.010179	-0.023917	-0.006112	0.026569	0.030387
	0.005276					
x263	0.029502	0.025403	0.019010	-0.018144	-0.037944	-0.022026
	-0.040467	-0.046150	-0.025777	-0.005775	0.026495	0.027634
	-0.024375	-0.020206	-0.015672	-0.014303	0.008202	0.006126
	0.003677	0.008907	0.043282	0.007446	0.055194	-0.021474
	-0.019551	0.005886	-0.024163	-0.016933	0.019214	-0.006286
	0.021448					

y263	-0.009862	0.004240	-0.003964	-0.022474	0.017649	-0.013888
	-0.028878	0.022825	-0.017954	-0.034637	-0.009167	-0.022771
	-0.025866	0.005950	-0.040424	-0.009919	-0.029410	0.023956
	-0.063905	-0.027996	-0.017074	-0.020599	0.030869	-0.014120
	0.010369	-0.015624	-0.043717	-0.001575	-0.021532	0.055209
	0.026784					
z263	0.013796	-0.013153	-0.027084	0.002190	-0.002943	-0.005878
	-0.009297	-0.015219	-0.025149	-0.068089	0.020747	0.010890
	-0.057588	0.017157	0.003587	-0.007816	0.004675	0.005242
	-0.041470	-0.009514	-0.009444	0.003871	-0.004055	-0.007152
	0.002589	0.004298	-0.012903	0.003498	0.028442	0.041176
	-0.001695					
x264	0.034135	0.029049	0.023832	-0.016420	-0.039223	-0.025746
	-0.036738	-0.051240	-0.028857	-0.006994	0.027315	0.034051
	-0.031961	-0.012235	-0.022438	-0.012447	0.006591	0.002587
	0.013545	0.023562	0.031897	0.015177	0.056561	-0.030094
	-0.016102	0.013571	-0.018541	-0.021610	0.012835	0.009853
	0.024016					
y264	-0.003194	0.009789	0.007224	-0.027292	0.013193	-0.023960
	-0.035973	0.025789	-0.019856	-0.039735	-0.005745	-0.018398
	-0.030782	0.005635	-0.041198	-0.002250	-0.026333	0.027974
	-0.060941	-0.028486	-0.016621	-0.020504	0.037986	-0.013179
	0.007830	-0.024087	-0.028157	-0.001764	-0.019386	0.040375
	0.026921					
z264	0.022351	-0.008527	-0.023975	0.008293	0.003265	-0.011374
	-0.006442	-0.005342	-0.024546	-0.074588	0.011767	0.021420
	-0.058148	0.011936	0.000307	-0.008266	0.016844	0.026084
	-0.043220	-0.003894	-0.019064	-0.005558	-0.005784	0.005853
	0.004358	-0.002439	-0.013844	0.004136	0.047335	0.054959
	-0.003365					
x265	0.037034	0.030126	0.026053	-0.012899	-0.040469	-0.026635
	-0.030593	-0.054769	-0.032097	-0.006323	0.033234	0.036003
	-0.041077	-0.006942	-0.021034	-0.010816	0.005214	-0.008186
	0.018048	0.030108	0.020246	0.017215	0.056811	-0.038257
	-0.018466	0.017195	-0.006588	-0.024409	-0.005855	0.018613
	0.011306					
y265	0.004665	0.018280	0.021694	-0.033411	0.008854	-0.036109
	-0.042077	0.026676	-0.022306	-0.046205	-0.008470	-0.012405
	-0.033885	0.007411	-0.042123	0.006166	-0.023134	0.033483
	-0.053807	-0.018600	-0.013779	-0.013902	0.047986	-0.013839
	0.003489	-0.030361	-0.016135	-0.004068	-0.012108	0.028872
	0.034694					

z265	0.027728	-0.006871	-0.023574	0.013763	0.003794	-0.015864
	0.003748	0.005862	-0.027301	-0.076997	0.000782	0.029983
	-0.056362	0.007248	0.008343	-0.014162	0.034227	0.035211
	-0.047005	0.002604	-0.004653	-0.010557	0.000664	0.005237
	-0.001119	-0.017463	0.002750	0.000784	0.043216	0.049746
	-0.015490					
x266	0.038533	0.028911	0.021979	-0.005024	-0.038057	-0.023907
	-0.020394	-0.061378	-0.032968	0.002829	0.047156	0.034544
	-0.048275	-0.008398	-0.013482	0.002406	-0.003627	-0.018910
	0.020303	0.020955	-0.010913	0.017572	0.044492	-0.033199
	-0.018780	0.026069	0.004649	-0.011298	-0.031312	0.026951
	-0.005395					
y266	0.013212	0.028345	0.037996	-0.039671	0.002763	-0.048950
	-0.049960	0.025916	-0.031170	-0.055805	-0.012876	-0.005021
	-0.037744	0.011579	-0.040289	0.015931	-0.021223	0.031697
	-0.038541	-0.007486	-0.017424	-0.002766	0.055194	-0.013197
	-0.004748	-0.031622	-0.000675	-0.000532	-0.015549	0.019472
	0.028626					
z266	0.029605	-0.006709	-0.024920	0.018307	0.002662	-0.019422
	0.019299	0.014443	-0.029861	-0.074036	-0.014865	0.035674
	-0.048867	0.000605	0.025212	-0.019072	0.053892	0.036167
	-0.051481	0.012070	0.029096	-0.005576	0.007542	-0.001230
	-0.002791	-0.030479	0.011591	0.008670	0.032769	0.036608
	-0.006677					
x267	0.037547	0.021401	0.008531	0.009320	-0.032936	-0.012749
	0.000151	-0.067455	-0.034988	0.024968	0.075059	0.035022
	-0.065196	-0.011090	-0.010658	0.015330	-0.012912	-0.029881
	0.020121	0.007889	-0.053663	0.004868	0.005626	-0.016110
	-0.019351	0.035947	0.007075	-0.004422	-0.044705	0.026561
	-0.020477					
y267	0.023962	0.040021	0.062258	-0.050939	-0.005799	-0.066847
	-0.059185	0.019085	-0.039436	-0.068484	-0.018937	-0.001824
	-0.042503	0.021674	-0.027171	0.035135	-0.019009	0.021953
	-0.011312	0.004001	-0.027469	0.014839	0.058405	-0.018817
	-0.011966	-0.023314	0.015926	0.018407	-0.025989	0.013460
	0.019180					
z267	0.030138	-0.007708	-0.032734	0.027118	0.002052	-0.017258
	0.040652	0.024556	-0.032578	-0.069670	-0.028650	0.041325
	-0.042864	-0.002079	0.038900	-0.016499	0.068439	0.036491
	-0.049734	0.021412	0.050700	0.003361	-0.009091	-0.006969
	-0.010567	-0.031700	0.021099	0.026320	0.030571	0.015774
	-0.006743					

x268	0.032516	0.004414	-0.018689	0.034311	-0.025546	0.006561
	0.030254	-0.074841	-0.038811	0.058305	0.108198	0.034916
	-0.086864	-0.022328	-0.009392	0.027382	-0.011471	-0.043335
	-0.004538	0.005610	-0.075973	-0.025207	-0.032033	0.010520
	-0.007609	0.029340	-0.002907	-0.016766	-0.055951	0.017636
	-0.016482					
y268	0.032562	0.042880	0.085777	-0.068571	-0.014714	-0.077911
	-0.058252	0.006935	-0.047259	-0.068925	-0.018930	-0.003631
	-0.048767	0.032904	0.005095	0.063629	0.001386	0.010783
	0.009654	0.009120	-0.021524	0.026538	0.046380	-0.027812
	-0.014087	-0.011329	0.020139	0.026932	-0.024516	0.024899
	0.009022					
z268	0.029129	-0.011213	-0.049920	0.044957	0.003168	-0.007696
	0.062323	0.032828	-0.033459	-0.057747	-0.036248	0.038631
	-0.036529	-0.014516	0.046102	0.008199	0.071768	0.027252
	-0.047699	0.029181	0.049732	0.009431	-0.031397	-0.010129
	-0.018622	-0.021834	0.037440	0.043914	0.028485	0.005081
	-0.027463					
x269	0.025463	-0.005898	-0.035746	0.055308	-0.024837	0.013302
	0.050308	-0.082785	-0.038488	0.069881	0.125568	0.018211
	-0.093066	-0.021450	-0.005538	0.018621	-0.012190	-0.071147
	-0.027921	0.018047	-0.080928	-0.028452	-0.028408	0.018437
	-0.010766	0.018918	-0.007457	-0.008201	-0.068175	-0.018855
	-0.024217					
y269	0.032444	0.033908	0.084830	-0.071268	-0.019456	-0.071512
	-0.042139	-0.004829	-0.054743	-0.049986	-0.000511	-0.011169
	-0.058040	0.040558	0.037007	0.083921	0.014615	-0.002241
	0.005688	0.006114	-0.021436	0.026789	0.014375	-0.021146
	-0.018539	-0.001828	0.026704	0.036120	-0.030935	0.003894
	-0.011623					
z269	0.025618	-0.014537	-0.059659	0.057991	0.002876	-0.000735
	0.075980	0.036936	-0.026717	-0.038672	-0.034894	0.021520
	-0.030686	-0.027150	0.045818	0.034878	0.057979	0.003237
	-0.033682	0.036203	0.018347	0.017227	-0.036438	-0.010563
	-0.018107	-0.012433	0.045266	0.055177	0.023139	-0.014910
	-0.051313					
x270	-0.024026	-0.014334	-0.014060	-0.019504	-0.009915	-0.047751
	0.031203	0.035398	-0.022685	0.004715	0.011620	-0.020886
	-0.011944	0.018848	-0.051215	0.007859	-0.030160	-0.045424
	-0.071601	-0.001447	0.002356	0.033792	0.008520	-0.006281
	-0.018623	-0.084681	-0.002033	0.038031	0.020818	0.023031
	-0.077999					

y270	0.013984	-0.011253	-0.004660	-0.027696	-0.002851	0.015569
	0.002617	0.033111	-0.040935	0.000335	0.031341	0.013871
	0.007196	-0.044608	-0.005350	-0.069339	0.054352	0.075247
	-0.013486	-0.035142	0.004564	-0.077723	-0.027748	-0.076956
	0.046312	-0.023362	0.033473	0.038599	-0.068659	-0.032788
	-0.005715					
z270	-0.053637	-0.013854	-0.004725	-0.081488	-0.030016	-0.005826
	-0.003693	0.070953	0.016355	-0.019199	-0.014946	-0.010236
	0.068907	0.010280	0.027396	-0.093210	0.042080	0.026585
	0.040486	0.036741	0.010703	-0.045506	-0.027162	0.079451
	0.012094	-0.036007	-0.113366	-0.016018	-0.042202	0.043555
	-0.082474					
x271	-0.020635	-0.012280	-0.013913	-0.023323	-0.017567	-0.053427
	0.025279	0.033482	-0.023968	-0.003137	0.019744	-0.016270
	-0.014741	0.009702	-0.042438	0.007263	-0.014820	-0.039410
	-0.072674	-0.011913	0.018494	0.015749	-0.002358	-0.016023
	-0.031203	-0.066690	-0.008001	0.035262	0.001400	0.022503
	-0.050320					
y271	0.016402	-0.013895	0.000035	-0.021072	-0.004218	0.015623
	0.006345	0.021505	-0.035399	-0.000449	0.028267	0.003027
	0.007810	-0.040038	-0.017663	-0.067479	0.044666	0.067757
	-0.016086	-0.025616	0.000203	-0.069247	-0.019756	-0.067106
	0.049573	-0.011680	0.038669	0.035987	-0.055538	-0.035882
	-0.019448					
z271	-0.047875	-0.009197	0.002846	-0.079698	-0.026656	-0.004640
	-0.000777	0.065063	0.018880	-0.016826	-0.006327	-0.009440
	0.048266	0.002970	0.027855	-0.076434	0.029786	0.025401
	0.027487	0.025373	0.016347	-0.033491	-0.026431	0.063074
	-0.005606	-0.032297	-0.093812	-0.022615	-0.037541	0.042175
	-0.058787					
x272	-0.019326	-0.010040	-0.021528	-0.027422	-0.023167	-0.052208
	0.018185	0.040079	-0.021195	-0.014223	0.017255	-0.006165
	-0.005616	0.013854	-0.039360	0.002810	-0.007667	-0.020842
	-0.064224	-0.017240	0.022011	-0.004174	-0.016831	-0.025998
	-0.037212	-0.043193	0.000041	0.029565	-0.018308	0.033409
	-0.024160					
y272	0.016811	-0.018314	0.005071	-0.015492	-0.006266	0.014899
	0.007643	0.010558	-0.029476	-0.001592	0.024995	-0.007903
	0.011653	-0.038000	-0.026077	-0.067755	0.039388	0.059248
	-0.016560	-0.018204	-0.001957	-0.061540	-0.012671	-0.056351
	0.050305	-0.003512	0.042936	0.026104	-0.042304	-0.028673
	-0.027354					

z272	-0.042941	-0.005001	0.006990	-0.075989	-0.023564	-0.002205
	0.001099	0.060604	0.020871	-0.016488	-0.004734	-0.004719
	0.033018	0.001130	0.024947	-0.063193	0.014200	0.025905
	0.014811	0.019718	0.019131	-0.025383	-0.029726	0.047600
	-0.010588	-0.025620	-0.074917	-0.024121	-0.042243	0.037010
	-0.040968					
x273	-0.020845	-0.011508	-0.023163	-0.030047	-0.024655	-0.047265
	0.013405	0.043372	-0.012849	-0.020033	0.012528	-0.006323
	-0.000706	0.010422	-0.042519	-0.005021	0.007395	-0.010114
	-0.048588	-0.027264	0.017155	-0.000639	-0.017160	-0.024872
	-0.045843	-0.031883	0.004897	0.018678	-0.018532	0.036467
	-0.001952					
y273	0.015933	-0.023152	0.011203	-0.011194	-0.009090	0.013141
	0.007232	0.000380	-0.023949	-0.001977	0.023783	-0.017393
	0.015320	-0.038563	-0.029355	-0.067683	0.035475	0.051098
	-0.015159	-0.014385	-0.001969	-0.053716	-0.007832	-0.046651
	0.049089	0.001838	0.046366	0.010860	-0.029968	-0.017757
	-0.028692					
z273	-0.038314	-0.002915	0.012480	-0.070648	-0.021763	-0.000684
	0.003107	0.053960	0.024585	-0.014505	-0.003810	-0.003010
	0.016969	-0.002834	0.020379	-0.052616	-0.000490	0.024118
	0.001698	0.018197	0.021889	-0.016816	-0.028423	0.038166
	-0.011600	-0.021271	-0.057973	-0.022090	-0.042102	0.026770
	-0.032792					
x274	-0.023451	-0.014368	-0.026070	-0.029650	-0.027464	-0.043334
	0.008417	0.044011	-0.007718	-0.018385	0.012029	-0.010449
	0.013214	0.006717	-0.043019	-0.006572	0.018832	0.003751
	-0.039662	-0.033309	-0.001792	-0.006582	-0.009440	-0.013262
	-0.055364	-0.011641	-0.004261	0.010184	-0.006810	0.020321
	-0.014305					
y274	0.014559	-0.027627	0.018404	-0.008383	-0.012716	0.010397
	0.005980	-0.007155	-0.019620	-0.004193	0.022709	-0.022950
	0.016622	-0.037357	-0.029039	-0.068263	0.034031	0.042183
	-0.012463	-0.010007	0.004308	-0.044422	-0.006668	-0.043620
	0.049197	0.004002	0.049629	-0.003959	-0.023531	-0.003769
	-0.017828					
z274	-0.034668	-0.002232	0.017655	-0.065238	-0.021042	0.001059
	0.004876	0.045870	0.030169	-0.012634	-0.005249	-0.003302
	0.002360	-0.007598	0.014521	-0.046959	-0.013631	0.021667
	-0.008178	0.017608	0.027318	-0.008455	-0.025577	0.031805
	-0.008311	-0.018281	-0.039412	-0.019390	-0.037891	0.015926
	-0.023964					

x275	-0.025499	-0.016419	-0.026369	-0.028714	-0.030492	-0.038675
	0.006727	0.040872	0.000919	-0.022487	0.010275	-0.010314
	0.016570	0.001685	-0.045986	-0.010225	0.021571	0.007902
	-0.034608	-0.033416	-0.003286	-0.005483	-0.004741	-0.008587
	-0.049483	-0.002451	0.004302	0.009059	0.001611	0.015469
	-0.003841					
y275	0.012714	-0.031088	0.024837	-0.005428	-0.016767	0.008090
	0.003070	-0.013756	-0.017893	-0.005998	0.024268	-0.026814
	0.017295	-0.036514	-0.027078	-0.065235	0.035071	0.034242
	-0.009158	-0.010150	0.006344	-0.035152	-0.010880	-0.042783
	0.047984	0.009097	0.049005	-0.018570	-0.017078	0.004534
	-0.009493					
z275	-0.030997	-0.002658	0.023114	-0.059063	-0.020547	0.001137
	0.004556	0.038347	0.034759	-0.010594	-0.005599	-0.002489
	-0.010827	-0.010617	0.008465	-0.040109	-0.024014	0.018332
	-0.018271	0.017985	0.027933	-0.002287	-0.025046	0.027005
	-0.007455	-0.014129	-0.025753	-0.016775	-0.037779	0.007382
	-0.019037					
x276	-0.026952	-0.018773	-0.025735	-0.026543	-0.032516	-0.035663
	0.003261	0.037867	0.007077	-0.026980	0.010907	-0.011092
	0.017047	-0.004919	-0.049118	-0.012522	0.023094	0.008294
	-0.030659	-0.034647	-0.003950	-0.001316	-0.009022	-0.002582
	-0.037113	0.003830	0.018171	0.007770	0.006558	0.012293
	0.000344					
y276	0.010513	-0.033873	0.030927	-0.002319	-0.021959	0.006650
	0.000261	-0.019350	-0.016216	-0.007395	0.025002	-0.029554
	0.017406	-0.035012	-0.024274	-0.062723	0.037929	0.027619
	-0.004748	-0.012459	0.007991	-0.025751	-0.013951	-0.044038
	0.044880	0.014199	0.046807	-0.031324	-0.011789	0.011396
	-0.000133					
z276	-0.027959	-0.003830	0.028618	-0.052964	-0.021094	0.000705
	0.003588	0.030760	0.039776	-0.009058	-0.006224	-0.001243
	-0.021987	-0.013060	0.002713	-0.034833	-0.032510	0.014754
	-0.027205	0.019936	0.027312	0.001910	-0.024187	0.022478
	-0.007556	-0.010110	-0.013255	-0.013322	-0.037149	0.001364
	-0.012059					
x277	-0.028878	-0.021147	-0.022438	-0.023823	-0.035106	-0.033656
	-0.000169	0.034471	0.012401	-0.028762	0.013931	-0.011716
	0.020058	-0.011620	-0.046562	-0.013324	0.027014	0.010739
	-0.025999	-0.039716	-0.007730	0.001204	-0.010251	-0.006845
	-0.031267	0.017283	0.023890	0.002011	0.004154	0.003760
	0.007842					

y277	0.008032	-0.035819	0.036132	0.000856	-0.026713	0.006418
	-0.002852	-0.023303	-0.015123	-0.008062	0.025025	-0.030940
	0.016861	-0.033302	-0.022470	-0.059718	0.041246	0.021502
	-0.000993	-0.015123	0.008457	-0.014523	-0.018051	-0.043504
	0.040539	0.018821	0.044938	-0.040198	-0.007349	0.017278
	0.006378					
z277	-0.025354	-0.005706	0.033502	-0.046744	-0.022045	-0.000120
	0.001751	0.023963	0.044375	-0.007784	-0.007069	-0.000120
	-0.031867	-0.014722	-0.004161	-0.030215	-0.039309	0.009962
	-0.035250	0.023873	0.025562	0.005341	-0.024765	0.021528
	-0.008156	-0.007918	-0.000179	-0.008214	-0.034517	-0.000763
	-0.007726					
x278	-0.031753	-0.023445	-0.019036	-0.021955	-0.037458	-0.030931
	-0.002786	0.033112	0.019922	-0.032337	0.015142	-0.008678
	0.020819	-0.015867	-0.047022	-0.011318	0.028974	0.010596
	-0.025763	-0.037793	-0.006570	0.004526	-0.008845	-0.004435
	-0.027212	0.030086	0.028203	0.004147	0.003871	-0.008201
	0.021490					
y278	0.005333	-0.036778	0.040896	0.004581	-0.030600	0.008343
	-0.004024	-0.027695	-0.013114	-0.006620	0.025295	-0.030742
	0.015060	-0.030099	-0.020773	-0.055177	0.043218	0.015067
	0.004858	-0.021172	0.006380	-0.002250	-0.019842	-0.043947
	0.034061	0.024337	0.040312	-0.048350	-0.000427	0.017365
	0.003832					
z278	-0.023137	-0.007915	0.038280	-0.039758	-0.023773	-0.000932
	-0.000416	0.016671	0.048352	-0.006123	-0.007529	0.000504
	-0.038729	-0.016301	-0.009207	-0.026806	-0.043532	0.004671
	-0.039359	0.025930	0.020246	0.007610	-0.026560	0.018819
	-0.009368	-0.006067	0.011259	-0.005597	-0.033032	-0.000586
	-0.009686					
x279	-0.036248	-0.024093	-0.016412	-0.020122	-0.039655	-0.029133
	-0.001843	0.033876	0.022721	-0.035127	0.018176	-0.005725
	0.023546	-0.019203	-0.052068	-0.008172	0.028463	0.006614
	-0.020339	-0.036495	-0.014213	0.010308	-0.020867	0.001080
	-0.024903	0.029120	0.037358	0.011691	-0.000219	0.000697
	0.021574					
y279	0.000121	-0.036406	0.041159	0.006190	-0.036710	0.008869
	-0.002666	-0.025909	-0.018567	-0.001556	0.024929	-0.035091
	0.025371	-0.025361	-0.014853	-0.052496	0.040140	0.014629
	0.014856	-0.015522	0.012562	0.002010	-0.036561	-0.041376
	0.019326	0.029875	0.036308	-0.038964	-0.004593	0.028319
	-0.005308					

z279	-0.021918	-0.010546	0.042052	-0.033825	-0.026540	-0.002074
	-0.003241	0.011485	0.051109	-0.002839	-0.008261	-0.001526
	-0.040897	-0.017149	-0.012364	-0.025574	-0.045026	0.003494
	-0.043841	0.033755	0.017370	0.006711	-0.028686	0.014882
	-0.011571	-0.001756	0.019520	-0.001418	-0.029134	0.001155
	-0.006276					
x280	-0.041900	-0.023117	-0.014159	-0.018638	-0.044211	-0.029747
	-0.001407	0.041742	0.019908	-0.037195	0.024026	-0.003458
	0.025428	-0.023596	-0.053268	0.002304	0.029287	0.000418
	-0.020327	-0.028783	-0.007614	0.007259	-0.028069	-0.007540
	-0.020428	0.022617	0.035745	0.015198	-0.008963	-0.006043
	0.024831					
y280	-0.005941	-0.035601	0.041303	0.006765	-0.043551	0.011168
	-0.003015	-0.021747	-0.025591	0.002664	0.022507	-0.042668
	0.036270	-0.022501	-0.014214	-0.051840	0.041182	0.013930
	0.017809	-0.008784	0.026317	0.008304	-0.043741	-0.052688
	0.005410	0.033841	0.035192	-0.023581	-0.005372	0.037867
	0.008495					
z280	-0.022190	-0.014089	0.047278	-0.027802	-0.030820	-0.000631
	-0.006657	0.006445	0.051797	-0.000421	-0.011373	-0.005293
	-0.037621	-0.018268	-0.018882	-0.030011	-0.041057	0.000114
	-0.046539	0.039472	0.018323	0.013473	-0.027553	0.003335
	-0.014582	0.004790	0.028176	0.007847	-0.025612	0.009618
	0.006494					
x281	-0.045783	-0.023898	-0.010499	-0.016335	-0.046093	-0.032082
	-0.003135	0.049304	0.020290	-0.038111	0.029198	0.000046
	0.026768	-0.025988	-0.056824	0.011702	0.031743	-0.005483
	-0.019679	-0.016699	-0.001188	0.005057	-0.028728	-0.010991
	-0.018683	0.020095	0.030512	0.018276	-0.011710	-0.013072
	0.022557					
y281	-0.010036	-0.034062	0.041450	0.008742	-0.047589	0.016395
	-0.003954	-0.020273	-0.025371	0.003255	0.017885	-0.042267
	0.039926	-0.018992	-0.017693	-0.049431	0.043467	0.012486
	0.017485	-0.011507	0.034447	0.016613	-0.042224	-0.061434
	0.003021	0.037176	0.031081	-0.018684	-0.004307	0.035835
	0.024139					
z281	-0.022903	-0.015804	0.051429	-0.021371	-0.035888	0.004269
	-0.009781	-0.000468	0.053896	0.000377	-0.015587	-0.004310
	-0.033343	-0.017546	-0.026680	-0.032024	-0.035523	-0.002899
	-0.046646	0.035934	0.018116	0.021321	-0.025593	-0.007795
	-0.010982	0.010911	0.033146	0.010421	-0.023706	0.011106
	0.019923					

x282	-0.049788	-0.023890	-0.007918	-0.013136	-0.047628	-0.031953
	-0.002135	0.053826	0.023282	-0.039742	0.034539	0.003925
	0.028397	-0.032971	-0.062141	0.016996	0.031524	-0.011037
	-0.013233	-0.020168	0.002810	0.008450	-0.029104	-0.006652
	-0.010942	0.013725	0.035821	0.019190	-0.012307	-0.012583
	0.023014					
y282	-0.012899	-0.031868	0.040332	0.010022	-0.050787	0.018980
	-0.004510	-0.017054	-0.025773	0.004509	0.014189	-0.039649
	0.042728	-0.013024	-0.019244	-0.043499	0.045684	0.010054
	0.015005	-0.010075	0.039162	0.016261	-0.037514	-0.062384
	-0.003289	0.038651	0.017095	-0.013405	-0.005792	0.032282
	0.026071					
z282	-0.023551	-0.016916	0.055024	-0.016100	-0.041479	0.007271
	-0.013418	-0.003506	0.053405	0.001668	-0.020878	-0.001186
	-0.025456	-0.010319	-0.030339	-0.028444	-0.025388	-0.007351
	-0.047755	0.041893	0.018048	0.019912	-0.021496	-0.015960
	-0.015327	0.016383	0.019677	0.014611	-0.024691	0.010684
	0.020358					
x283	-0.052469	-0.022800	-0.004883	-0.011729	-0.047788	-0.034283
	-0.001204	0.060879	0.027174	-0.039107	0.036589	0.006554
	0.029694	-0.034891	-0.064108	0.020043	0.034937	-0.016066
	-0.005185	-0.021096	0.007702	0.011269	-0.024809	-0.001933
	-0.010423	0.008870	0.032849	0.020031	-0.013326	-0.019603
	0.016903					
y283	-0.015080	-0.028764	0.037616	0.011541	-0.052836	0.020676
	-0.004196	-0.015191	-0.025571	0.004780	0.012816	-0.036664
	0.042973	-0.008940	-0.020830	-0.038096	0.043489	0.008217
	0.012602	-0.010709	0.044611	0.015730	-0.035370	-0.058021
	-0.003527	0.035035	0.008644	-0.010126	-0.006762	0.030557
	0.024338					
z283	-0.024948	-0.017044	0.057004	-0.010429	-0.047283	0.011685
	-0.016113	-0.008242	0.051206	0.001356	-0.022956	0.002729
	-0.016529	-0.005865	-0.034970	-0.023598	-0.019509	-0.010713
	-0.047865	0.042979	0.019171	0.018882	-0.023147	-0.019740
	-0.010451	0.015369	0.010402	0.019341	-0.025127	0.016070
	0.020808					
x284	-0.052895	-0.020029	-0.003919	-0.009526	-0.048475	-0.038282
	0.000670	0.065329	0.027137	-0.036571	0.038996	0.008218
	0.027601	-0.033750	-0.065724	0.027794	0.033606	-0.020753
	0.005671	-0.022560	0.009429	0.006748	-0.020159	-0.000921
	-0.007977	0.008143	0.026680	0.021674	-0.015493	-0.027021
	0.009155					

y284	-0.016582	-0.024984	0.033872	0.012938	-0.053796	0.020840
	-0.003260	-0.013586	-0.025007	0.004350	0.012699	-0.034151
	0.041294	-0.005497	-0.022392	-0.035396	0.041368	0.007031
	0.010260	-0.012422	0.047771	0.016994	-0.034096	-0.048591
	-0.002358	0.029453	0.001442	-0.007633	-0.008328	0.027558
	0.020876					
z284	-0.027462	-0.017070	0.059288	-0.006150	-0.052144	0.016159
	-0.018096	-0.010934	0.050330	-0.000299	-0.024655	0.005602
	-0.005991	-0.002705	-0.039178	-0.024356	-0.010820	-0.012962
	-0.047666	0.042243	0.021338	0.024115	-0.025697	-0.015757
	-0.004798	0.006923	0.001954	0.024105	-0.025090	0.019311
	0.020663					
x285	-0.052322	-0.017470	-0.004271	-0.007450	-0.046983	-0.042465
	0.002699	0.067360	0.026811	-0.031929	0.044829	0.009033
	0.027442	-0.033173	-0.064043	0.027552	0.025440	-0.021435
	0.014930	-0.023067	0.010043	-0.001944	-0.019072	0.002212
	-0.007044	-0.000042	0.028230	0.031086	-0.013466	-0.028271
	0.000438					
y285	-0.016926	-0.020716	0.029493	0.014530	-0.052729	0.019458
	-0.001747	-0.010980	-0.024861	0.004892	0.014597	-0.031942
	0.038348	-0.001214	-0.023256	-0.033928	0.037579	0.007418
	0.008747	-0.013491	0.048541	0.017034	-0.032879	-0.039221
	-0.002489	0.025189	-0.003468	-0.005644	-0.010248	0.023992
	0.013157					
z285	-0.029059	-0.015977	0.061519	-0.002889	-0.057095	0.018127
	-0.018912	-0.010874	0.048154	-0.002171	-0.026325	0.006649
	0.003083	0.004570	-0.044008	-0.021228	-0.001085	-0.013736
	-0.045003	0.043115	0.024089	0.028162	-0.027634	-0.011917
	0.000040	0.002678	-0.010485	0.026876	-0.025801	0.016953
	0.017464					
x286	-0.050130	-0.015209	-0.004127	-0.006978	-0.043305	-0.045865
	0.006849	0.068379	0.026867	-0.026963	0.049508	0.008233
	0.030006	-0.028923	-0.063720	0.024333	0.016674	-0.022593
	0.020039	-0.014401	0.013771	-0.014269	-0.017838	0.003745
	-0.002928	-0.007189	0.023329	0.033361	-0.006223	-0.033724
	-0.006709					
y286	-0.016435	-0.015751	0.024488	0.016156	-0.049931	0.017492
	0.000556	-0.008139	-0.025161	0.005570	0.017721	-0.029670
	0.034448	0.002833	-0.023351	-0.032725	0.032150	0.008348
	0.007243	-0.013860	0.048646	0.016394	-0.030287	-0.029060
	-0.002316	0.021014	-0.006189	-0.005045	-0.009663	0.020348
	0.006291					

z286	-0.029649	-0.013596	0.061387	0.000369	-0.061101	0.017615
	-0.018566	-0.010694	0.044451	-0.002981	-0.024324	0.006456
	0.007367	0.010857	-0.045223	-0.016584	0.001485	-0.012310
	-0.040096	0.042237	0.024141	0.027020	-0.029248	-0.004360
	0.001710	-0.004943	-0.015658	0.035889	-0.019627	0.017007
	0.014685					
x287	-0.045733	-0.011036	-0.005665	-0.005339	-0.040075	-0.050063
	0.008804	0.067336	0.025328	-0.020642	0.052023	0.005993
	0.026913	-0.019726	-0.061110	0.030547	0.008046	-0.026726
	0.028697	-0.013677	0.015448	-0.025260	-0.007359	0.010499
	-0.003347	-0.008782	0.013897	0.034751	0.006041	-0.031490
	-0.016927					
y287	-0.015213	-0.010054	0.019225	0.018358	-0.046455	0.015301
	0.002062	-0.005534	-0.026097	0.005281	0.021504	-0.026991
	0.029349	0.005670	-0.022622	-0.031320	0.027412	0.008646
	0.006159	-0.015563	0.046025	0.015744	-0.026945	-0.020084
	-0.002300	0.019077	-0.008543	-0.004823	-0.007498	0.018524
	-0.001205					
z287	-0.029656	-0.011179	0.060313	0.003181	-0.064871	0.015734
	-0.018841	-0.011530	0.041918	-0.006205	-0.021489	0.003527
	0.011137	0.015589	-0.043264	-0.017320	0.001752	-0.008601
	-0.037571	0.046311	0.025668	0.021130	-0.034332	0.002746
	0.001053	-0.016135	-0.018653	0.043415	-0.007527	0.014383
	0.010711					
x288	-0.041626	-0.005909	-0.007919	-0.003236	-0.032225	-0.049768
	0.006964	0.061466	0.024277	-0.011695	0.048337	0.001470
	0.021261	-0.018577	-0.056684	0.034353	0.010199	-0.030037
	0.028314	-0.028521	0.006900	-0.029211	0.004152	0.010143
	-0.002992	-0.016195	0.009392	0.027703	0.011482	-0.026281
	-0.018450					
y288	-0.013697	-0.004188	0.013699	0.021412	-0.041218	0.013157
	0.002874	-0.003021	-0.027968	0.004442	0.025772	-0.023712
	0.024069	0.006728	-0.020550	-0.029423	0.023668	0.009040
	0.005206	-0.019664	0.040592	0.015493	-0.022206	-0.013877
	0.000264	0.019377	-0.007900	-0.005708	-0.008720	0.015766
	-0.007698					
z288	-0.027490	-0.008223	0.058110	0.007607	-0.067703	0.010167
	-0.020042	-0.014492	0.036250	-0.006838	-0.015820	-0.001059
	0.012360	0.025033	-0.032469	-0.017720	-0.000114	-0.004363
	-0.032963	0.053349	0.030196	0.014112	-0.032114	0.005459
	0.001671	-0.013961	-0.018185	0.046079	0.001035	0.003136
	0.010722					

x289	-0.034665	-0.001966	-0.010831	-0.004164	-0.023776	-0.052274
	0.002305	0.056936	0.023295	-0.008929	0.044928	0.001807
	0.020844	-0.011596	-0.049630	0.033031	0.011547	-0.034571
	0.018380	-0.024425	0.015032	-0.034066	0.010336	0.013592
	-0.006773	-0.006983	-0.010179	0.006214	0.020540	-0.044876
	-0.020726					
y289	-0.011711	0.001961	0.008151	0.024308	-0.035346	0.010756
	0.002365	-0.000541	-0.029022	0.002359	0.030615	-0.017164
	0.020873	0.009985	-0.017521	-0.026922	0.018664	0.009544
	0.000211	-0.018981	0.041449	0.013178	-0.017563	-0.008329
	0.002915	0.023956	-0.013032	-0.009134	-0.006633	0.008015
	-0.011693					
z289	-0.023000	-0.005798	0.054196	0.014916	-0.065912	0.009382
	-0.024779	-0.018321	0.033490	-0.007129	-0.017693	-0.006175
	0.013767	0.031176	-0.026392	-0.018002	0.005081	0.000283
	-0.023645	0.049974	0.020179	0.006690	-0.030220	-0.002383
	0.005380	-0.005578	-0.003095	0.046837	0.008732	0.000133
	0.015224					
x290	-0.025096	-0.000124	-0.015388	-0.002384	-0.019203	-0.053556
	0.000083	0.051291	0.022835	-0.007480	0.036922	-0.004134
	0.021087	-0.004156	-0.048814	0.034415	0.006535	-0.041202
	0.018647	-0.017593	0.030282	-0.052542	0.018739	0.018787
	-0.006750	-0.002121	-0.013183	0.013685	0.037728	-0.039511
	-0.005139					
y290	-0.009772	0.007662	0.003232	0.027654	-0.031060	0.008751
	0.001935	0.002239	-0.031023	0.000220	0.033625	-0.010964
	0.018035	0.010906	-0.016423	-0.026833	0.014464	0.010178
	-0.003227	-0.019871	0.039271	0.010941	-0.011401	-0.003543
	0.008360	0.023913	-0.013891	-0.006268	-0.007264	0.008475
	-0.012279					
z290	-0.017762	-0.002790	0.052483	0.021531	-0.060326	0.007878
	-0.028147	-0.017095	0.031070	-0.006608	-0.021369	-0.009873
	0.015450	0.037137	-0.022435	-0.011812	0.011882	0.002011
	-0.019077	0.047705	0.005781	-0.002015	-0.025031	-0.011165
	-0.003117	0.008792	-0.004061	0.030468	0.016818	-0.011700
	0.004424					
x291	-0.016599	0.002335	-0.018099	0.001156	-0.014850	-0.056288
	-0.002835	0.047654	0.020283	0.001765	0.028833	-0.009335
	0.019679	-0.000800	-0.044032	0.034404	0.015843	-0.040755
	0.016918	-0.033529	0.016577	-0.060782	0.028820	0.015520
	-0.009027	0.001877	-0.023432	0.011161	0.022785	-0.029555
	-0.016671					

y291	-0.007595	0.012637	-0.001730	0.032171	-0.025858	0.005769
	0.000345	0.006230	-0.032634	-0.000297	0.037742	-0.004774
	0.016474	0.013313	-0.015107	-0.025695	0.010512	0.013548
	-0.006929	-0.021797	0.029557	0.006902	-0.005967	0.002050
	0.011592	0.025681	-0.017697	-0.004786	-0.010644	0.010156
	-0.021061					
z291	-0.013038	0.002134	0.049691	0.026831	-0.054841	0.008978
	-0.029765	-0.018439	0.029626	-0.007596	-0.026581	-0.012528
	0.013425	0.036318	-0.018665	-0.005128	0.014817	-0.006834
	-0.016976	0.047034	0.006545	-0.009137	-0.018614	-0.017947
	-0.006951	0.011211	0.002360	0.020094	0.033274	-0.016205
	0.007482					
x292	-0.007477	0.004497	-0.019295	0.002149	-0.009158	-0.055358
	-0.004246	0.043141	0.019571	0.007900	0.022544	-0.013187
	0.018400	0.001674	-0.037720	0.037131	0.021674	-0.041683
	0.013384	-0.041050	0.010635	-0.065359	0.038560	0.018714
	-0.011442	0.012955	-0.029978	0.006963	0.020486	-0.025668
	-0.026842					
y292	-0.004862	0.017219	-0.006044	0.035883	-0.019945	0.004547
	-0.001475	0.009751	-0.033153	-0.001667	0.040556	0.000388
	0.014034	0.016014	-0.014395	-0.024614	0.005987	0.015192
	-0.010035	-0.021869	0.024485	0.003670	0.000594	0.009617
	0.016354	0.027557	-0.017904	-0.004637	-0.010121	0.010347
	-0.027082					
z292	-0.008835	0.007710	0.046130	0.033500	-0.049962	0.008138
	-0.030665	-0.019321	0.027483	-0.006411	-0.030467	-0.015401
	0.013638	0.034485	-0.016071	0.001519	0.019493	-0.012528
	-0.014315	0.043422	0.002398	-0.018154	-0.012871	-0.026420
	-0.009894	0.011970	0.005375	0.011736	0.042721	-0.018503
	0.006629					
x293	0.002841	0.005781	-0.021500	0.002273	-0.006194	-0.052285
	-0.002544	0.036415	0.021277	0.007418	0.012740	-0.017270
	0.020143	0.004584	-0.034782	0.034757	0.021460	-0.041606
	0.016599	-0.042614	0.014999	-0.066611	0.040980	0.012205
	-0.003402	0.020078	-0.024046	0.003899	0.021864	-0.024179
	-0.012763					
y293	-0.001190	0.021067	-0.010194	0.039216	-0.014659	0.004065
	-0.002939	0.013298	-0.031509	-0.006516	0.039586	0.004554
	0.011718	0.022227	-0.016588	-0.026280	-0.000184	0.018320
	-0.009020	-0.019839	0.023985	0.002326	0.005253	0.012994
	0.024580	0.030622	-0.013432	-0.005549	-0.009845	0.007978
	-0.021195					

z293	-0.005230	0.014067	0.041798	0.040679	-0.043961	0.006710
	-0.031613	-0.020731	0.023934	-0.001207	-0.029694	-0.018352
	0.014762	0.027546	-0.011658	0.010712	0.023868	-0.019704
	-0.014825	0.037351	-0.006692	-0.027595	-0.003888	-0.028652
	-0.013346	0.007957	0.005253	0.006814	0.052053	-0.015844
	-0.002576					
x294	0.012827	0.006118	-0.022526	0.002392	-0.005934	-0.051246
	-0.000188	0.030906	0.021356	0.007563	0.006665	-0.024991
	0.019661	0.003475	-0.031957	0.030334	0.025554	-0.035828
	0.023426	-0.046581	0.013191	-0.068940	0.039341	0.002808
	0.006642	0.019949	-0.008038	-0.001490	0.013692	-0.020873
	-0.001541					
y294	0.002569	0.023590	-0.013257	0.042517	-0.009596	0.002645
	-0.004465	0.017807	-0.030056	-0.011376	0.038874	0.006438
	0.007665	0.029150	-0.020188	-0.028950	-0.005116	0.023638
	-0.004831	-0.018735	0.021742	-0.000845	0.007659	0.014567
	0.032407	0.032850	-0.004366	-0.007328	-0.011235	0.004097
	-0.014388					
z294	-0.001871	0.021342	0.036318	0.047434	-0.037819	0.006055
	-0.031956	-0.022322	0.021140	0.004688	-0.028366	-0.019973
	0.017553	0.019231	-0.007367	0.018962	0.027650	-0.026710
	-0.017726	0.032302	-0.014354	-0.033309	0.007052	-0.028075
	-0.014482	0.002598	0.002911	0.003658	0.058494	-0.010625
	-0.008528					
x295	0.021476	0.006387	-0.021892	-0.000726	-0.001496	-0.050136
	0.003220	0.027254	0.019856	0.012317	0.001489	-0.028847
	0.026326	0.004118	-0.023217	0.029746	0.030858	-0.034951
	0.018481	-0.037746	0.013102	-0.075739	0.039792	-0.007295
	-0.006718	0.023545	-0.009824	-0.003899	0.007029	-0.015630
	-0.003172					
y295	0.005497	0.026102	-0.016034	0.043041	-0.002535	0.000598
	-0.006930	0.023053	-0.031023	-0.012934	0.034223	0.009995
	0.005317	0.034178	-0.019289	-0.027756	-0.007582	0.021614
	-0.008868	-0.012972	0.019281	-0.006466	0.012604	0.017139
	0.025243	0.030093	-0.004550	-0.007233	-0.011281	0.006048
	-0.018096					
z295	0.002021	0.028448	0.030129	0.055428	-0.032017	0.005652
	-0.031868	-0.023506	0.019989	0.009582	-0.023118	-0.022193
	0.021092	0.011057	-0.005565	0.024864	0.029844	-0.027740
	-0.016977	0.026032	-0.023468	-0.037707	0.016597	-0.026965
	-0.007433	0.001116	0.003176	0.000449	0.059042	-0.007262
	-0.010372					

x296	0.028536	0.007656	-0.023167	-0.003206	-0.000528	-0.046526
	0.005244	0.017080	0.017371	0.016712	-0.001125	-0.029772
	0.027855	-0.007279	-0.017125	0.032605	0.030813	-0.041884
	0.012312	-0.034055	0.016268	-0.077706	0.041999	-0.005925
	-0.005438	0.005117	-0.008812	-0.001137	0.010193	0.008108
	-0.004852					
y296	0.008727	0.028285	-0.019346	0.044100	0.003578	0.000493
	-0.011589	0.024744	-0.033678	-0.014357	0.028853	0.014496
	0.000404	0.031203	-0.018557	-0.025762	-0.012230	0.012520
	-0.014297	-0.009935	0.018409	-0.012542	0.018404	0.022160
	0.022855	0.017397	-0.001784	-0.004466	-0.002411	0.018154
	-0.020320					
z296	0.005403	0.035157	0.024076	0.061992	-0.027176	0.003873
	-0.029551	-0.023007	0.020982	0.013777	-0.016476	-0.025122
	0.025655	0.008301	-0.007809	0.027562	0.031937	-0.021200
	-0.010981	0.021352	-0.029711	-0.038069	0.025294	-0.024104
	0.004504	0.002408	0.004898	-0.000400	0.050974	-0.007111
	-0.005638					
x297	0.036157	0.006482	-0.021232	-0.007153	0.002324	-0.042479
	0.007383	0.010579	0.017167	0.018257	0.001794	-0.027847
	0.030745	-0.011599	-0.011389	0.038812	0.029044	-0.033080
	0.015583	-0.034579	0.008793	-0.069359	0.041658	-0.002570
	-0.015646	0.007961	-0.009156	-0.015820	0.009665	0.012122
	-0.004265					
y297	0.012461	0.027870	-0.021132	0.045292	0.009258	-0.001710
	-0.016004	0.027582	-0.033806	-0.015063	0.024481	0.020397
	-0.004095	0.038487	-0.021338	-0.020280	-0.017093	0.013716
	-0.012584	-0.009943	0.007626	-0.013952	0.019608	0.035001
	0.019697	0.017705	0.000681	-0.005289	0.001861	0.014316
	-0.021299					
z297	0.008642	0.042596	0.016750	0.063796	-0.018801	0.004532
	-0.027680	-0.021545	0.020858	0.015392	-0.008197	-0.027963
	0.032312	-0.007845	-0.002957	0.030974	0.032435	-0.020095
	-0.010284	0.014078	-0.031791	-0.036826	0.038421	-0.032919
	0.009141	0.004359	0.004799	-0.011092	0.045254	-0.000162
	-0.006962					
x298	0.044842	0.003586	-0.017225	-0.012552	0.004888	-0.038274
	0.013193	0.002511	0.016633	0.019968	0.003126	-0.030805
	0.037414	-0.014568	-0.005379	0.035882	0.025789	-0.023470
	0.018460	-0.033717	0.008715	-0.061895	0.032941	-0.003206
	-0.015981	0.014149	-0.007827	-0.019279	0.002286	0.018189
	0.003812					

y298	0.017100	0.027757	-0.022642	0.043610	0.013292	-0.003970
	-0.016029	0.028702	-0.031281	-0.015587	0.018715	0.018869
	-0.006510	0.045418	-0.023413	-0.020382	-0.017092	0.017126
	-0.010789	-0.009530	0.004993	-0.013213	0.018824	0.036987
	0.019817	0.022422	0.002194	-0.000497	0.003431	0.006013
	-0.017163					
z298	0.014898	0.047913	0.007412	0.064406	-0.009267	0.001951
	-0.028709	-0.018320	0.016680	0.018745	-0.005747	-0.029405
	0.037765	-0.022572	0.003985	0.034296	0.025006	-0.018066
	-0.007990	0.008923	-0.034546	-0.036820	0.042103	-0.028406
	0.019909	0.008713	0.005455	-0.017899	0.031530	0.018342
	0.003144					
x299	0.050212	0.000671	-0.013018	-0.015477	0.002901	-0.033550
	0.015689	-0.007336	0.015811	0.019213	0.004063	-0.029864
	0.040008	-0.014259	-0.005460	0.033598	0.027246	-0.010477
	0.019768	-0.031138	0.003764	-0.057846	0.025136	0.003641
	-0.010116	0.016803	-0.011223	-0.009395	0.000205	0.015243
	0.010251					
y299	0.021877	0.027120	-0.026421	0.040349	0.014112	-0.004707
	-0.018841	0.025674	-0.031122	-0.016117	0.012202	0.019526
	-0.010506	0.048210	-0.027593	-0.018699	-0.015106	0.021790
	-0.007889	-0.010204	-0.003198	-0.018555	0.017694	0.037398
	0.019565	0.027218	0.004158	0.007858	0.012606	-0.002547
	-0.015757					
z299	0.021140	0.051612	-0.000438	0.063219	-0.003348	-0.003306
	-0.030216	-0.015222	0.012498	0.020952	-0.007616	-0.030388
	0.040055	-0.026988	0.006941	0.032606	0.025012	-0.013058
	-0.006323	0.011628	-0.031374	-0.035102	0.042060	-0.014619
	0.028761	0.010723	0.002576	-0.013654	0.012369	0.027520
	0.019644					
x300	0.052636	-0.002791	-0.004583	-0.017341	0.003581	-0.028731
	0.018680	-0.011815	0.015747	0.016657	0.005987	-0.026385
	0.043740	-0.013128	-0.005972	0.036285	0.025057	-0.001015
	0.018365	-0.023516	0.004448	-0.051556	0.019771	0.009914
	-0.006373	0.016675	-0.013053	-0.012945	-0.004301	0.013370
	0.010683					
y300	0.028234	0.025266	-0.028530	0.033229	0.015591	-0.008132
	-0.019900	0.026788	-0.029622	-0.017439	0.002462	0.019888
	-0.011257	0.051019	-0.030029	-0.009508	-0.019612	0.020634
	-0.005143	0.001705	-0.000399	-0.022197	0.018762	0.039991
	0.016942	0.028482	0.009901	-0.002603	0.015568	-0.005241
	-0.019257					

z300	0.026141	0.054469	-0.006659	0.060732	0.003719	-0.007993
	-0.031856	-0.011661	0.008578	0.024006	-0.007499	-0.029259
	0.040547	-0.028307	0.009390	0.031567	0.026829	-0.007164
	-0.003022	0.011393	-0.032934	-0.029671	0.039569	-0.000745
	0.032583	0.013663	-0.001742	-0.008616	-0.003364	0.029972
	0.030626					
x301	0.051766	-0.006523	0.007270	-0.015782	0.007111	-0.020366
	0.021297	-0.017132	0.017748	0.013129	0.009351	-0.022034
	0.048716	-0.017359	-0.004486	0.034880	0.026228	0.008299
	0.013515	-0.023587	0.002788	-0.039677	0.012640	0.009798
	-0.000931	0.013535	-0.010051	-0.011813	-0.008762	0.014061
	0.013608					
y301	0.033406	0.023760	-0.028138	0.026148	0.019251	-0.006785
	-0.020093	0.022950	-0.024069	-0.017077	-0.009451	0.018585
	-0.010457	0.043345	-0.026957	-0.006613	-0.016791	0.021001
	-0.003119	-0.003091	-0.002838	-0.006422	0.017166	0.036761
	0.020917	0.022824	0.020497	-0.008417	0.010907	-0.002788
	-0.014638					
z301	0.031094	0.056086	-0.011944	0.057061	0.009784	-0.013520
	-0.033231	-0.007633	0.004980	0.026025	-0.005153	-0.027898
	0.040862	-0.026839	0.011941	0.031538	0.027749	-0.002175
	-0.000992	0.014887	-0.032418	-0.030337	0.035890	0.010215
	0.032649	0.018826	-0.005835	-0.004040	-0.015041	0.029898
	0.038528					
x302	0.047047	-0.009970	0.021559	-0.012454	0.011043	-0.011865
	0.024260	-0.019264	0.015743	0.009679	0.015670	-0.015035
	0.051979	-0.022310	-0.002843	0.035886	0.028176	0.013334
	0.003034	-0.021414	0.002015	-0.029749	0.007714	0.009054
	-0.001112	0.008055	-0.010970	-0.010190	-0.010844	0.015605
	0.010022					
y302	0.036443	0.022774	-0.025825	0.017483	0.021507	-0.005365
	-0.019534	0.022795	-0.029640	-0.013286	-0.015891	0.022079
	-0.012945	0.035200	-0.022630	-0.000461	-0.011024	0.013716
	-0.005095	-0.000083	-0.002974	0.005473	0.019827	0.031161
	0.012480	0.012813	0.022204	-0.010761	0.008569	0.000544
	-0.017665					
z302	0.035165	0.057217	-0.016063	0.051588	0.016021	-0.018966
	-0.032682	-0.003048	0.004311	0.026021	-0.001878	-0.027487
	0.039907	-0.024230	0.014422	0.031946	0.027408	0.002781
	0.000827	0.017247	-0.034090	-0.028824	0.030244	0.021459
	0.030486	0.022431	-0.006735	-0.000683	-0.021218	0.028660
	0.042208					

x303	0.039808	-0.014181	0.037232	-0.006222	0.015144	-0.003371
	0.027166	-0.020172	0.015280	0.003774	0.023678	-0.007167
	0.054724	-0.023833	-0.003471	0.034681	0.030785	0.020111
	-0.008294	-0.018040	0.002929	-0.020413	0.002509	0.008302
	-0.002500	0.006195	-0.013194	-0.006720	-0.009864	0.017195
	0.006798					
y303	0.040727	0.020272	-0.024661	0.009562	0.021495	-0.006541
	-0.018128	0.021811	-0.030878	-0.013334	-0.019471	0.026300
	-0.010620	0.037547	-0.020294	0.002292	-0.008277	0.014893
	-0.005576	0.012930	0.001084	0.011546	0.024146	0.029788
	0.003281	0.013028	0.019199	-0.006151	0.011716	0.007675
	-0.014964					
z303	0.037227	0.057898	-0.018082	0.044393	0.022789	-0.022260
	-0.030936	0.001832	0.005550	0.025105	0.003137	-0.025961
	0.035626	-0.021191	0.016582	0.031782	0.027266	0.004702
	0.000902	0.015190	-0.035766	-0.021649	0.020815	0.029798
	0.026696	0.023746	-0.004565	0.000087	-0.023060	0.023916
	0.044604					
x304	0.031093	-0.019514	0.054546	0.002939	0.021744	0.006978
	0.030956	-0.020323	0.015574	-0.002124	0.032362	-0.001373
	0.059744	-0.026338	-0.006216	0.031144	0.033238	0.024462
	-0.021441	-0.014364	0.001263	-0.016950	-0.008904	0.000684
	-0.005809	0.008045	-0.013960	-0.001287	-0.010383	0.017083
	0.005966					
y304	0.045050	0.014698	-0.020093	0.004371	0.024218	-0.003367
	-0.015060	0.019258	-0.024995	-0.015030	-0.016640	0.024541
	-0.006624	0.040855	-0.023144	0.000503	-0.006654	0.016123
	-0.002897	0.020931	-0.005849	0.012198	0.012442	0.022087
	-0.000574	0.022146	0.022987	-0.000290	0.009640	0.010586
	0.002995					
z304	0.037757	0.058271	-0.017123	0.036221	0.029404	-0.024744
	-0.027695	0.007108	0.008972	0.022752	0.008188	-0.023528
	0.029630	-0.017890	0.017841	0.028495	0.027671	0.005346
	0.000221	0.011674	-0.032543	-0.012333	0.008763	0.032631
	0.019924	0.021432	0.000488	-0.000876	-0.019988	0.016372
	0.046171					
x305	0.020470	-0.024213	0.070886	0.013409	0.025921	0.015924
	0.033746	-0.018061	0.014163	-0.008978	0.040266	0.003641
	0.062926	-0.027376	-0.009188	0.029658	0.036596	0.029670
	-0.032223	-0.011135	0.003186	-0.014612	-0.018983	-0.002464
	-0.010486	0.009692	-0.019630	-0.000253	-0.011447	0.016355
	0.000373					

y305	0.045874	0.010589	-0.013710	-0.000983	0.025916	-0.001863
	-0.014018	0.019614	-0.024205	-0.015447	-0.011803	0.027183
	-0.002040	0.040604	-0.016749	0.006127	-0.005659	0.014996
	-0.002413	0.026316	-0.007493	0.012740	0.008534	0.018205
	-0.005778	0.022812	0.016978	-0.002102	0.006844	0.016537
	0.009341					
z305	0.036068	0.058188	-0.013649	0.026775	0.035726	-0.026143
	-0.023653	0.013620	0.014767	0.020621	0.014343	-0.019455
	0.020625	-0.015481	0.019743	0.025441	0.026484	0.004073
	-0.002566	0.003905	-0.028837	0.001918	-0.006633	0.033006
	0.012586	0.015743	0.007756	-0.005673	-0.012633	0.007124
	0.043580					
x306	0.010091	-0.027145	0.083123	0.023646	0.027130	0.023246
	0.035940	-0.014319	0.010784	-0.015049	0.046225	0.006533
	0.064898	-0.027172	-0.012433	0.026753	0.039127	0.034711
	-0.039000	-0.007261	0.007744	-0.013740	-0.026526	-0.003382
	-0.015281	0.010051	-0.031432	-0.001706	-0.012792	0.014522
	-0.009890					
y306	0.044483	0.005270	-0.005111	-0.005136	0.028171	0.000659
	-0.013485	0.021007	-0.025516	-0.016011	-0.006200	0.033350
	0.004221	0.037035	-0.008677	0.010444	0.001031	0.014181
	-0.008923	0.034218	-0.003434	0.015541	0.008607	0.015531
	-0.016080	0.011700	0.009872	-0.000710	0.006575	0.018830
	0.007720					
z306	0.032315	0.057292	-0.007775	0.016749	0.041915	-0.026585
	-0.018916	0.021091	0.021998	0.018923	0.021660	-0.014436
	0.009236	-0.012562	0.021823	0.023315	0.025698	0.000090
	-0.008055	-0.007071	-0.027341	0.018603	-0.025014	0.029497
	0.005577	0.009346	0.015797	-0.012095	-0.004291	-0.006475
	0.036333					
x307	0.002188	-0.022087	0.080412	0.025128	0.024663	0.025081
	0.032217	-0.018316	0.011513	-0.012315	0.043743	0.002583
	0.050164	-0.024772	-0.009595	0.010963	0.014582	0.033564
	-0.029244	-0.005923	0.009262	-0.008634	-0.016810	-0.010830
	0.002457	0.002357	-0.009443	0.005792	-0.001182	0.014792
	-0.024834					
y307	0.040242	-0.006697	0.014682	-0.007232	0.031718	0.013465
	-0.011900	0.019892	-0.020380	-0.018443	0.002690	0.035811
	0.012430	0.032949	-0.000153	0.011083	0.010611	0.006566
	-0.014399	0.038921	0.013641	0.013807	-0.004774	0.000454
	-0.007486	0.013082	0.028973	0.003718	-0.011249	0.024417
	0.020603					

z307	0.023163	0.055103	-0.001328	-0.003927	0.052407	-0.024438
	-0.011020	0.027143	0.037741	0.009572	0.028160	-0.004724
	0.001938	-0.011548	0.023161	0.005883	0.013390	0.005489
	-0.008808	0.000521	-0.018817	0.024744	-0.047391	-0.003232
	-0.009859	0.017315	0.014452	-0.009786	-0.011602	0.007269
	0.009830					
x308	-0.003061	-0.011695	0.065659	0.025952	0.015155	0.022458
	0.027913	-0.018763	0.008376	-0.009261	0.034754	-0.007438
	0.035425	-0.017318	-0.006297	-0.004635	0.002501	0.031192
	-0.013843	0.000628	0.010913	-0.006441	-0.009838	-0.015180
	0.012441	-0.004544	-0.007260	0.003266	-0.001220	0.009380
	-0.037349					
y308	0.036509	-0.012485	0.026456	-0.008067	0.031746	0.022794
	-0.011444	0.019954	-0.016763	-0.019800	0.005252	0.038638
	0.015187	0.031908	0.006668	0.012759	0.007154	0.006397
	-0.019436	0.040898	0.024047	0.018235	-0.008970	-0.007280
	-0.008072	0.017398	0.034511	0.000455	-0.017718	0.019994
	0.027203					
z308	0.013588	0.050467	0.005441	-0.020456	0.058498	-0.022477
	-0.005049	0.030235	0.048796	0.001603	0.032114	0.002934
	-0.005371	-0.009906	0.025208	-0.007489	0.002736	0.010226
	-0.008738	0.006454	-0.008698	0.023746	-0.058017	-0.030496
	-0.017943	0.023560	0.012494	-0.003862	-0.015303	0.016712
	-0.014274					
x309	-0.007214	-0.003135	0.050324	0.026390	0.004511	0.017690
	0.025081	-0.018072	0.007269	-0.007990	0.025558	-0.017761
	0.024361	-0.008676	-0.005740	-0.017098	-0.003948	0.027150
	-0.002431	0.008801	0.010229	-0.003649	-0.009680	-0.018159
	0.017483	-0.011141	-0.006471	-0.003509	-0.005051	0.004086
	-0.041515					
y309	0.032935	-0.013854	0.030697	-0.005061	0.028120	0.026639
	-0.013709	0.018829	-0.018364	-0.018139	0.002849	0.038077
	0.014693	0.030631	0.009934	0.014858	0.009337	0.007120
	-0.019199	0.038074	0.023968	0.015986	-0.006249	-0.007669
	-0.008755	0.017329	0.032292	-0.001608	-0.014096	0.007438
	0.018674					
z309	0.004661	0.046700	0.010835	-0.031942	0.060543	-0.019716
	-0.000615	0.030999	0.054862	-0.004325	0.033630	0.009105
	-0.011910	-0.007881	0.024919	-0.016385	-0.007188	0.013743
	-0.008440	0.009298	0.000787	0.019115	-0.063353	-0.046132
	-0.023074	0.026471	0.010378	0.000382	-0.014599	0.022618
	-0.029677					

x310	-0.011010	0.002598	0.036159	0.026702	-0.004783	0.008727
	0.023886	-0.015991	0.005786	-0.007059	0.017520	-0.026155
	0.015272	-0.002672	-0.006457	-0.024800	-0.003593	0.021687
	0.007763	0.016454	0.003240	0.000393	-0.010603	-0.015207
	0.015835	-0.011824	-0.010669	-0.007032	-0.014339	-0.003758
	-0.049291					
y310	0.029464	-0.014312	0.032613	-0.000350	0.021864	0.032328
	-0.017245	0.014914	-0.018280	-0.017896	-0.000799	0.032800
	0.014655	0.031296	0.008913	0.013266	0.007013	0.007868
	-0.018324	0.033075	0.024604	0.008959	-0.006653	-0.011869
	-0.003378	0.006847	0.035503	-0.009718	0.003587	0.000343
	0.019267					
z310	-0.003109	0.043976	0.014778	-0.038595	0.059459	-0.016595
	0.002234	0.029308	0.056338	-0.008947	0.033174	0.012463
	-0.016224	-0.005362	0.023282	-0.021028	-0.014624	0.015797
	-0.008425	0.009755	0.007037	0.010059	-0.064716	-0.056301
	-0.024634	0.026656	0.008163	0.003183	-0.012673	0.027222
	-0.034218					
x311	-0.015151	0.004261	0.024326	0.027934	-0.010575	0.001484
	0.023640	-0.015797	0.006289	-0.008379	0.012881	-0.032799
	0.009748	0.002413	-0.010495	-0.032259	-0.003927	0.013749
	0.016677	0.023988	-0.005169	0.003858	-0.013123	-0.015548
	0.007699	-0.009759	-0.012986	-0.012898	-0.010583	-0.010079
	-0.049585					
y311	0.026492	-0.012201	0.032172	0.003691	0.011711	0.031603
	-0.021064	0.012640	-0.019959	-0.017157	-0.007648	0.024810
	0.011698	0.030090	0.007518	0.012881	0.008042	0.011105
	-0.014895	0.026433	0.020901	0.003788	-0.008038	-0.004825
	0.007163	-0.005845	0.034776	-0.012523	0.008183	-0.004712
	0.010252					
z311	-0.010680	0.042493	0.017551	-0.042004	0.055604	-0.013346
	0.004174	0.026103	0.053969	-0.011826	0.032682	0.014932
	-0.019033	-0.001004	0.020306	-0.020944	-0.019488	0.016593
	-0.006551	0.009910	0.014338	-0.000381	-0.062417	-0.057268
	-0.024835	0.025035	0.003127	0.003595	-0.008024	0.027410
	-0.031999					
x312	-0.018031	0.002884	0.015307	0.027443	-0.015692	-0.007337
	0.026659	-0.016936	0.009911	-0.012382	0.008973	-0.040294
	0.008815	0.005930	-0.015550	-0.037441	-0.007371	0.005727
	0.027600	0.030439	-0.008038	0.011912	-0.015758	-0.013057
	0.002222	-0.007622	-0.005439	-0.019376	-0.005860	-0.010287
	-0.034416					

y312	0.022238	-0.008673	0.029797	0.009633	0.002520	0.029073
	-0.027900	0.010261	-0.023927	-0.015867	-0.013696	0.017812
	0.004916	0.027655	0.002076	0.008765	0.012243	0.013738
	-0.012865	0.021152	0.007641	-0.004616	-0.012719	0.005308
	0.011498	-0.016657	0.024699	-0.010713	0.016545	-0.012995
	-0.014067					
z312	-0.017458	0.041821	0.018796	-0.041534	0.048879	-0.009727
	0.005425	0.020460	0.049357	-0.013736	0.030517	0.014436
	-0.019446	0.004451	0.014942	-0.016289	-0.021536	0.016133
	-0.005005	0.008309	0.017592	-0.013849	-0.058564	-0.050464
	-0.022471	0.022003	-0.002470	0.004073	-0.000894	0.025664
	-0.023457					
x313	-0.022385	0.001146	0.008055	0.026492	-0.019094	-0.016347
	0.027582	-0.014269	0.006751	-0.012759	0.010341	-0.038001
	0.003950	0.004711	-0.015746	-0.038455	-0.009481	-0.003993
	0.032419	0.039611	-0.009596	0.018872	-0.012874	0.000635
	-0.009483	-0.006405	-0.003286	-0.024060	0.000791	-0.010893
	-0.041317					
y313	0.019105	-0.005747	0.027264	0.015058	-0.005933	0.022644
	-0.032736	0.004014	-0.021339	-0.018902	-0.022140	0.004911
	0.001116	0.026191	-0.011938	0.000428	0.013495	0.017287
	-0.005449	0.015495	-0.009918	-0.009559	-0.024110	0.011409
	0.018654	-0.024339	0.020443	-0.006445	0.026145	-0.017651
	-0.023517					
z313	-0.023970	0.041413	0.019636	-0.037024	0.039387	-0.005162
	0.005063	0.012546	0.040247	-0.013645	0.028005	0.012213
	-0.016721	0.011782	0.006970	-0.009963	-0.018699	0.013188
	-0.004319	0.005756	0.020211	-0.032843	-0.052191	-0.039262
	-0.022421	0.018028	-0.011698	0.004089	0.012185	0.019688
	-0.005774					
x314	-0.026413	-0.001400	0.002679	0.021097	-0.021550	-0.026364
	0.032718	-0.017433	0.012523	-0.012741	0.014417	-0.034889
	-0.002702	0.005133	-0.019189	-0.045750	-0.018996	-0.006893
	0.035708	0.042029	-0.003352	0.025194	-0.016141	0.015827
	-0.000477	-0.006536	0.006104	-0.024498	0.005121	0.004808
	-0.023382					
y314	0.015164	-0.003308	0.024819	0.020178	-0.012479	0.012079
	-0.038426	0.000594	-0.019453	-0.023149	-0.029456	-0.004252
	-0.003783	0.022429	-0.027353	-0.005570	0.013026	0.016096
	0.005040	0.016392	-0.031889	-0.009754	-0.032465	0.017029
	0.016004	-0.030245	0.013286	0.001161	0.037911	-0.022898
	-0.049097					

z314	-0.029714	0.041047	0.019395	-0.027834	0.026478	0.000199
	0.003882	0.001488	0.027930	-0.011267	0.024115	0.007150
	-0.012249	0.018522	-0.004236	-0.001534	-0.015970	0.010056
	-0.003135	-0.000647	0.021154	-0.056219	-0.044478	-0.016777
	-0.019574	0.009437	-0.016760	0.005187	0.031715	0.015948
	0.016618					
x315	-0.030968	-0.004915	-0.001962	0.016410	-0.021396	-0.034104
	0.034589	-0.014260	0.016115	-0.007665	0.026339	-0.024933
	-0.011417	0.007578	-0.012122	-0.053121	-0.019526	-0.001201
	0.038010	0.037115	-0.004743	0.030874	-0.005740	0.020373
	-0.009113	0.005375	0.006211	-0.022766	0.001316	0.006815
	-0.015692					
y315	0.009216	-0.001810	0.022046	0.020193	-0.017946	-0.003102
	-0.039059	-0.002882	-0.011750	-0.028094	-0.033591	-0.006084
	-0.008986	0.022332	-0.041104	-0.013995	0.002367	0.010125
	0.017743	0.020013	-0.044570	-0.002842	-0.033917	0.019752
	0.020829	-0.044453	-0.000381	0.012839	0.050789	-0.004599
	-0.073024					
z315	-0.035630	0.039346	0.018932	-0.014735	0.009925	0.005475
	0.001460	-0.010968	0.010923	-0.005011	0.019880	-0.000346
	-0.007144	0.025690	-0.018269	0.009351	-0.008880	0.006031
	-0.000376	-0.005575	0.019329	-0.081574	-0.029158	0.010523
	-0.015015	-0.003558	-0.020015	0.008615	0.052345	0.011973
	0.034257					
x316	-0.033969	-0.004833	-0.004584	0.011566	-0.017033	-0.037313
	0.037523	-0.009774	0.015773	-0.002536	0.031919	-0.014486
	-0.008422	0.008927	-0.002435	-0.046979	-0.012232	0.011766
	0.035089	0.035256	-0.001824	0.035659	0.001241	0.025285
	-0.019128	0.022691	0.004572	-0.029400	-0.004784	0.009754
	0.002622					
y316	0.000118	-0.004030	0.016849	0.018889	-0.020880	-0.013545
	-0.031587	-0.004515	-0.012177	-0.024200	-0.029388	-0.010470
	-0.012141	0.013956	-0.026171	-0.019092	0.006314	0.010157
	0.016920	0.012864	-0.039006	0.001931	-0.028242	0.028547
	0.024980	-0.014943	0.004773	0.006610	0.041070	-0.016583
	-0.046038					
z316	-0.031806	0.035398	0.018004	-0.000249	-0.004518	0.007640
	-0.003412	-0.009177	0.001438	-0.002159	0.007171	-0.005192
	0.013830	0.029984	-0.028293	0.030075	-0.010070	-0.005408
	0.001022	-0.018199	0.031899	-0.077079	-0.020934	0.011246
	-0.014657	-0.001419	-0.010191	0.020996	0.030084	0.016386
	0.043485					

x317	-0.035375	-0.002640	-0.007182	0.008874	-0.012275	-0.034238
	0.035756	-0.010792	0.017687	-0.001327	0.035328	-0.006353
	-0.011634	0.010006	-0.001674	-0.036754	-0.009881	0.020889
	0.036331	0.034106	0.003349	0.032226	-0.005651	0.026555
	-0.011610	0.030674	0.006286	-0.031174	0.003845	0.016694
	0.022831					
y317	-0.009431	-0.005856	0.011457	0.015269	-0.022306	-0.023657
	-0.021691	-0.004055	-0.008894	-0.020793	-0.021116	-0.009451
	-0.014758	0.006680	-0.009073	-0.025507	0.009435	0.009682
	0.016290	0.005437	-0.029954	0.007143	-0.021619	0.032035
	0.030106	0.007551	0.008106	0.002313	0.033272	-0.015709
	-0.021491					
z317	-0.027175	0.030987	0.017231	0.012535	-0.017270	0.008235
	-0.007844	-0.009184	-0.006374	0.001183	-0.002797	-0.012200
	0.027961	0.030879	-0.035757	0.045204	-0.011074	-0.015194
	0.002719	-0.028300	0.040830	-0.072590	-0.012610	0.011031
	-0.012525	-0.002013	0.002595	0.031486	0.010174	0.019465
	0.047606					
x318	-0.035453	0.000459	-0.008003	0.007340	-0.006117	-0.029987
	0.032272	-0.008377	0.017508	0.002746	0.030194	0.000375
	-0.014813	0.010789	-0.005348	-0.026580	-0.009595	0.026865
	0.030996	0.030372	-0.001794	0.033851	-0.004619	0.023032
	-0.010313	0.034699	0.001975	-0.033650	0.010928	0.020861
	0.031768					
y318	-0.017857	-0.006130	0.006515	0.010795	-0.021473	-0.034226
	-0.012172	-0.001358	-0.004865	-0.017238	-0.013862	-0.004485
	-0.017579	0.001785	0.005397	-0.031259	0.009554	0.008656
	0.014612	-0.000134	-0.024095	0.011744	-0.013568	0.031630
	0.032024	0.023174	0.006830	-0.001793	0.030490	-0.006856
	-0.003843					
z318	-0.021703	0.026614	0.016856	0.023207	-0.027280	0.005938
	-0.011680	-0.009250	-0.013084	0.005675	-0.010141	-0.019920
	0.037659	0.030022	-0.039337	0.054708	-0.010374	-0.020648
	0.001289	-0.034224	0.043477	-0.068263	-0.002592	0.011545
	-0.011540	-0.003860	0.013004	0.037381	-0.005507	0.020937
	0.047618					
x319	-0.034024	0.003405	-0.010584	0.008484	-0.002079	-0.022889
	0.028043	-0.009545	0.016012	0.003266	0.025504	0.007526
	-0.019576	0.015285	-0.012681	-0.013901	-0.008504	0.029489
	0.025588	0.030177	0.005780	0.035821	-0.011278	0.011244
	-0.010157	0.036806	0.005253	-0.043501	0.010622	0.023185
	0.027058					

y319	-0.025272	-0.005508	0.001021	0.006980	-0.020144	-0.043490
	-0.003668	0.000788	-0.000880	-0.015967	-0.006382	0.003312
	-0.020222	0.000234	0.016182	-0.033927	0.008447	0.007383
	0.013767	-0.002223	-0.013860	0.015460	-0.010053	0.026874
	0.032257	0.034706	0.007484	-0.010046	0.028360	0.004025
	0.006330					
z319	-0.015323	0.022592	0.016936	0.032098	-0.034741	0.001142
	-0.014739	-0.010182	-0.019084	0.010298	-0.013909	-0.027441
	0.042911	0.028161	-0.040114	0.058319	-0.010472	-0.023149
	-0.001142	-0.036944	0.042879	-0.061632	0.003728	0.011354
	-0.011147	-0.003995	0.019839	0.038713	-0.019677	0.019581
	0.043617					
x320	-0.031431	0.004641	-0.011969	0.010603	0.001034	-0.015253
	0.023978	-0.011715	0.016348	0.006751	0.015320	0.008903
	-0.020885	0.016209	-0.022382	-0.003117	-0.006329	0.033919
	0.024665	0.027837	0.010531	0.035767	-0.005957	0.009009
	-0.016181	0.030802	0.008253	-0.035274	0.005867	0.023088
	0.023895					
y320	-0.031698	-0.005196	-0.003258	0.003851	-0.018827	-0.052230
	0.004431	0.002347	0.004239	-0.013712	-0.001115	0.008856
	-0.021121	-0.001694	0.023540	-0.034522	0.006417	0.007832
	0.015690	-0.003771	-0.004916	0.017497	0.000194	0.026988
	0.027739	0.039985	0.006816	-0.011362	0.027017	0.013830
	0.016820					
z320	-0.008514	0.018966	0.017672	0.039182	-0.039673	-0.005893
	-0.017298	-0.010091	-0.023038	0.016174	-0.015512	-0.033927
	0.046556	0.025574	-0.038072	0.057698	-0.010646	-0.020045
	-0.005296	-0.036128	0.038899	-0.053733	0.010672	0.011878
	-0.014076	-0.001932	0.024982	0.042668	-0.029589	0.016545
	0.037449					
x321	-0.028290	0.004577	-0.014452	0.012193	0.008983	-0.003803
	0.016789	-0.014462	0.017526	0.010786	0.006836	0.010959
	-0.019720	0.016611	-0.030882	0.009706	-0.003491	0.036798
	0.021628	0.022431	0.008710	0.029890	-0.004612	0.011359
	-0.026146	0.021624	0.010989	-0.027975	0.001044	0.022807
	0.017165					
y321	-0.038119	-0.005202	-0.008414	0.000628	-0.013509	-0.056889
	0.009072	0.003753	0.010341	-0.012370	0.006090	0.015959
	-0.019739	-0.002351	0.030651	-0.030293	0.004099	0.007172
	0.016132	-0.006823	-0.001421	0.013946	0.005954	0.029905
	0.019230	0.041411	0.004262	-0.016727	0.025892	0.024797
	0.025266					

z321	-0.001382	0.015710	0.019062	0.043923	-0.041941	-0.015315
	-0.020101	-0.009826	-0.025811	0.022481	-0.014309	-0.039523
	0.046387	0.022370	-0.033149	0.051067	-0.011032	-0.014219
	-0.012153	-0.030459	0.032771	-0.044187	0.016466	0.010431
	-0.017296	0.002386	0.023979	0.042388	-0.035337	0.011541
	0.028185					
x322	-0.024878	0.002291	-0.016343	0.013080	0.017374	0.010157
	0.008862	-0.018180	0.020421	0.019494	-0.003050	0.009608
	-0.015657	0.015376	-0.041244	0.018889	0.004233	0.038085
	0.022404	0.014897	0.011883	0.024505	0.002903	0.011580
	-0.028696	0.011902	0.017421	-0.016867	-0.008657	0.018547
	0.013538					
y322	-0.045420	-0.007502	-0.012577	-0.002330	-0.008203	-0.056662
	0.012350	0.003411	0.019627	-0.006829	0.012971	0.018372
	-0.014962	-0.001844	0.033831	-0.026957	0.006700	0.005006
	0.022286	-0.011404	0.006988	0.011311	0.016735	0.031033
	0.018410	0.040617	0.001986	-0.020543	0.019845	0.032437
	0.037479					
z322	0.005901	0.012704	0.020439	0.046733	-0.040921	-0.026496
	-0.023416	-0.009583	-0.027618	0.028520	-0.008872	-0.045172
	0.042785	0.017943	-0.025706	0.038830	-0.012840	-0.004953
	-0.020055	-0.020666	0.022968	-0.034550	0.020180	0.008994
	-0.019906	0.008743	0.019019	0.039416	-0.035674	0.004216
	0.013871					
x323	-0.019297	-0.000418	-0.018629	0.012227	0.026183	0.024645
	-0.001421	-0.022120	0.023943	0.029268	-0.015498	0.009641
	-0.014236	0.009449	-0.049788	0.027794	0.008419	0.041121
	0.022696	0.004399	0.014632	0.014945	0.011817	0.010050
	-0.029744	0.000041	0.029568	0.006554	-0.018516	0.012329
	0.003160					
y323	-0.051226	-0.010436	-0.018339	-0.004858	-0.001892	-0.049231
	0.012091	0.000089	0.028751	-0.001069	0.013860	0.022858
	-0.012929	-0.003239	0.034514	-0.018311	0.003384	0.005369
	0.027112	-0.019655	0.013205	0.007986	0.024978	0.030630
	0.016974	0.026644	0.005125	-0.005661	0.016109	0.043068
	0.036398					
z323	0.013541	0.010418	0.021778	0.048082	-0.036778	-0.039370
	-0.026594	-0.009904	-0.028951	0.034236	-0.000031	-0.048839
	0.035582	0.012297	-0.015514	0.020799	-0.014862	0.008073
	-0.028973	-0.006449	0.009323	-0.022078	0.021206	0.007354
	-0.022660	0.013114	0.009894	0.030674	-0.030049	-0.009968
	0.003568					

x324	-0.011167	-0.002012	-0.017019	0.009498	0.031889	0.030592
	-0.012509	-0.023033	0.026391	0.034870	-0.025102	0.007276
	-0.015997	-0.000660	-0.052498	0.031949	0.011706	0.041858
	0.022927	-0.005173	0.016416	-0.006892	0.017171	0.007273
	-0.029213	0.003949	0.041242	0.021624	-0.033591	0.002746
	-0.008136					
y324	-0.052586	-0.013473	-0.021961	-0.005639	0.005212	-0.042370
	0.012817	-0.005161	0.033459	0.006965	0.015711	0.020519
	-0.012091	-0.000773	0.019264	-0.008113	0.009435	0.008642
	0.035206	-0.022009	0.012936	0.003686	0.029397	0.026362
	0.001176	0.021897	0.007641	-0.000677	0.005551	0.043510
	0.021063					
z324	0.022034	0.008171	0.022555	0.047529	-0.029399	-0.052960
	-0.030221	-0.010985	-0.031332	0.039558	0.011732	-0.051586
	0.023967	0.006627	-0.007430	-0.005535	-0.019387	0.025195
	-0.041316	0.012452	-0.006783	-0.002612	0.015023	0.008751
	-0.029412	0.017358	-0.008781	0.010491	-0.024796	-0.027041
	-0.017374					
x325	-0.002278	0.000759	-0.006223	0.008806	0.029488	0.033179
	-0.019906	-0.022228	0.021705	0.021619	-0.029870	0.000094
	-0.015430	0.010197	-0.036669	0.035163	0.014193	0.038758
	0.018594	-0.009150	0.008137	-0.004601	0.008627	0.002971
	-0.019850	-0.011312	0.035742	0.017474	-0.008096	-0.003069
	-0.008606					
y325	-0.050069	-0.017375	-0.024287	-0.006727	0.010243	-0.034601
	0.008666	-0.012245	0.039889	0.019175	0.012317	0.023965
	-0.007626	-0.007024	0.007969	0.003782	0.009933	0.017340
	0.038635	-0.032234	0.008189	0.003089	0.040242	0.019737
	-0.009218	0.018249	0.019910	0.018195	0.004849	0.026492
	0.016992					
z325	0.024504	0.006832	0.017411	0.042562	-0.010433	-0.063820
	-0.033543	-0.014799	-0.031227	0.038996	0.014421	-0.042868
	0.015536	0.018930	-0.002255	-0.010142	-0.019751	0.025631
	-0.029971	0.002702	-0.013008	-0.013385	-0.001594	-0.004096
	-0.029292	0.014842	-0.030211	0.011295	0.001874	-0.030174
	-0.016016					
x326	0.006809	0.004048	0.006282	0.007414	0.023084	0.028708
	-0.026066	-0.017875	0.017807	0.006366	-0.032933	-0.004044
	-0.014453	0.018863	-0.014739	0.031130	0.011984	0.031699
	0.013680	-0.012383	0.001853	-0.010337	-0.000089	-0.001431
	-0.009000	-0.017879	0.025553	0.007832	0.008545	-0.007640
	-0.005076					

y326	-0.046014	-0.018825	-0.021571	-0.010992	0.013888	-0.030940
	0.008088	-0.018994	0.039223	0.023568	0.010126	0.017941
	-0.005377	-0.001379	-0.004293	0.016927	0.011864	0.014184
	0.038784	-0.038289	0.005934	-0.003771	0.045610	0.013303
	-0.019212	0.025018	0.022923	0.032068	0.006653	0.030349
	0.003420					
z326	0.026592	0.004468	0.011748	0.037045	0.007469	-0.070805
	-0.034229	-0.018218	-0.030453	0.037833	0.016774	-0.033519
	0.008311	0.030976	-0.000117	-0.014544	-0.016896	0.024653
	-0.018237	-0.005513	-0.016668	-0.025433	-0.011078	-0.013074
	-0.031740	0.016558	-0.046163	0.015471	0.022073	-0.033309
	-0.015779					
x327	0.014001	0.007574	0.016867	0.003857	0.017639	0.022074
	-0.030630	-0.013106	0.015564	-0.006157	-0.035063	-0.005887
	-0.013680	0.025638	0.004189	0.023653	0.009774	0.024705
	0.012578	-0.018396	-0.004231	-0.015723	-0.008694	-0.003980
	0.001571	-0.018398	0.012117	0.001096	0.019242	-0.008642
	0.001229					
y327	-0.037874	-0.022207	-0.018957	-0.008391	0.014046	-0.027544
	0.002912	-0.024511	0.038273	0.023598	0.008302	0.013098
	0.000089	-0.000510	-0.004604	0.027110	0.008103	0.010428
	0.030964	-0.034940	0.005625	-0.010684	0.052744	0.004752
	-0.020227	0.026429	0.026884	0.031930	0.003108	0.026877
	-0.020780					
z327	0.028527	0.001180	0.005717	0.032944	0.023979	-0.073354
	-0.034286	-0.020610	-0.029996	0.038732	0.017093	-0.022827
	0.004042	0.039368	0.000812	-0.019259	-0.014199	0.024410
	-0.008150	-0.014885	-0.020790	-0.032438	-0.017406	-0.020008
	-0.032032	0.017837	-0.056514	0.017215	0.034035	-0.034956
	-0.017838					
x328	0.019865	0.011158	0.023876	0.001273	0.014009	0.015145
	-0.035370	-0.008622	0.012998	-0.014780	-0.037192	-0.004254
	-0.008438	0.029503	0.020090	0.014844	0.007863	0.019092
	0.011775	-0.025174	-0.011183	-0.022772	-0.015198	-0.004905
	0.010763	-0.016129	-0.000235	0.005967	0.027895	-0.008193
	0.005459					
y328	-0.030091	-0.026235	-0.013278	-0.011278	0.011260	-0.025569
	0.003463	-0.027857	0.038446	0.019973	0.005990	0.003660
	-0.002197	0.005336	-0.004880	0.031604	0.002787	0.006339
	0.028088	-0.029776	0.012075	-0.010719	0.051743	-0.004661
	-0.020818	0.020949	0.024340	0.015581	-0.002302	0.024912
	-0.031218					

z328	0.029675	-0.002789	0.000123	0.028472	0.038015	-0.073621
	-0.031851	-0.021140	-0.029455	0.041462	0.014955	-0.013549
	0.002914	0.046838	0.000004	-0.024958	-0.009531	0.021355
	0.000336	-0.021204	-0.018337	-0.037052	-0.020793	-0.027058
	-0.031642	0.018045	-0.061247	0.020126	0.040316	-0.034692
	-0.014052					
x329	0.023130	0.014418	0.025934	-0.002681	0.009845	0.007594
	-0.038873	-0.003292	0.010169	-0.019988	-0.038155	-0.003100
	-0.002243	0.032479	0.031496	0.004480	0.005988	0.012934
	0.013698	-0.033037	-0.012971	-0.027231	-0.022411	0.000522
	0.021344	-0.019677	-0.012545	0.012189	0.035473	-0.003037
	0.009323					
y329	-0.020690	-0.027601	-0.004523	-0.011681	0.010066	-0.024156
	0.002776	-0.031040	0.035191	0.015533	0.003250	0.003553
	-0.003936	0.010773	-0.004374	0.038353	-0.003206	0.007004
	0.023105	-0.026928	0.010860	-0.011441	0.047577	-0.018258
	-0.023346	0.027105	0.020402	0.012285	-0.010421	0.014957
	-0.030751					
z329	0.031284	-0.006371	-0.005294	0.026272	0.051205	-0.070433
	-0.028671	-0.019689	-0.029345	0.046435	0.011976	-0.002868
	0.002787	0.052625	-0.002675	-0.022827	-0.005724	0.020029
	0.006496	-0.027228	-0.019636	-0.045071	-0.020385	-0.034323
	-0.031996	0.020881	-0.057670	0.032374	0.044207	-0.032593
	-0.004410					
x330	0.025449	0.018907	0.024755	-0.004599	0.006893	0.002527
	-0.039168	0.003567	0.003173	-0.020228	-0.037426	0.003826
	0.008089	0.037775	0.036474	-0.002589	0.001818	0.007027
	0.012407	-0.039734	-0.015287	-0.027963	-0.031654	0.005035
	0.026712	-0.018306	-0.020668	0.024876	0.033910	-0.008925
	0.012170					
y330	-0.012734	-0.028654	0.004422	-0.015317	0.006209	-0.027763
	0.000135	-0.033715	0.032381	0.009944	-0.001908	0.001169
	-0.004472	0.010930	-0.001692	0.032974	-0.003664	0.005720
	0.022293	-0.027385	0.018697	-0.009070	0.045572	-0.023918
	-0.018564	0.019472	0.010472	0.010894	-0.009355	0.021357
	-0.022276					
z330	0.032299	-0.012727	-0.009426	0.023490	0.061717	-0.066329
	-0.022012	-0.017601	-0.026735	0.051350	0.005388	0.001554
	0.005202	0.056213	-0.003803	-0.028332	0.002459	0.014403
	0.012671	-0.029551	-0.009212	-0.048580	-0.011094	-0.040792
	-0.027331	0.016900	-0.051730	0.037495	0.044112	-0.023630
	0.003147					

x331	0.024808	0.022566	0.018104	-0.004696	0.000904	-0.000800
	-0.034601	0.008213	-0.006820	-0.017623	-0.040272	0.013354
	0.019723	0.045014	0.035837	-0.014035	-0.000018	-0.001563
	0.016374	-0.043523	-0.009308	-0.020660	-0.034643	-0.000558
	0.034536	-0.019119	-0.024079	0.042210	0.037421	0.003215
	0.028499					
y331	-0.004947	-0.026938	0.014174	-0.018935	0.003291	-0.032966
	-0.004276	-0.031177	0.027868	0.007820	-0.002542	0.000168
	-0.001757	0.009681	0.000388	0.029251	-0.002996	0.005341
	0.018433	-0.030246	0.021154	-0.004866	0.035041	-0.015783
	-0.016490	0.010782	-0.003892	0.008311	-0.011806	0.015060
	-0.024769					
z331	0.034347	-0.020999	-0.011543	0.021814	0.072432	-0.060762
	-0.013497	-0.014176	-0.022565	0.057915	0.002329	0.002643
	0.008937	0.059541	-0.005869	-0.028403	0.008451	0.009022
	0.015007	-0.031229	-0.004952	-0.049467	-0.002312	-0.040252
	-0.023983	0.017383	-0.048876	0.035984	0.041433	-0.013548
	-0.004047					
x332	0.021807	0.025847	0.007049	-0.003742	-0.001358	0.000973
	-0.027291	0.014204	-0.009898	-0.007179	-0.044411	0.024503
	0.028423	0.050214	0.030406	-0.026786	0.004525	-0.005833
	0.017768	-0.047308	-0.007806	-0.015465	-0.039392	-0.009632
	0.045533	-0.027387	-0.031503	0.055176	0.032916	0.019877
	0.038979					
y332	0.001179	-0.023200	0.021714	-0.021258	-0.003702	-0.036377
	-0.006418	-0.027111	0.019146	0.006143	-0.002761	-0.002350
	0.003194	0.011554	0.000528	0.023889	-0.002696	0.001888
	0.019089	-0.031414	0.027730	0.006390	0.022860	-0.007619
	-0.013196	0.002346	-0.011538	0.004706	-0.007060	0.007940
	-0.020431					
z332	0.036608	-0.030242	-0.010494	0.018647	0.080823	-0.055080
	-0.002176	-0.009992	-0.017011	0.062843	-0.000516	0.001097
	0.014876	0.065595	-0.009563	-0.028386	0.013032	0.003096
	0.014032	-0.032260	0.005897	-0.044735	0.008989	-0.040285
	-0.020921	0.020022	-0.045951	0.032750	0.031476	-0.009684
	-0.006514					
x333	0.019393	0.025328	-0.004640	-0.002031	-0.001138	0.004796
	-0.017506	0.022190	-0.005973	0.001105	-0.041229	0.030316
	0.032399	0.053016	0.022276	-0.035540	0.004858	-0.012619
	0.020234	-0.048524	-0.018156	-0.008922	-0.045420	-0.014632
	0.045574	-0.050211	-0.018549	0.050338	0.025907	0.030903
	0.021187					

y333	0.004973	-0.016810	0.023121	-0.020650	-0.010988	-0.032661
	-0.007831	-0.020688	0.013298	0.009066	-0.009415	-0.003359
	0.008537	0.015448	-0.000897	0.017677	-0.000047	0.002427
	0.020689	-0.033361	0.031549	0.018113	0.008605	-0.007978
	-0.001978	-0.007600	-0.017237	0.005639	-0.014498	0.006663
	-0.003954					
z333	0.039067	-0.040560	-0.008738	0.017182	0.087878	-0.048850
	0.005761	0.000845	-0.007127	0.068228	-0.008345	0.002913
	0.023089	0.070734	-0.017854	-0.028646	0.017356	-0.000885
	0.013483	-0.028318	0.007925	-0.034334	0.022689	-0.048784
	-0.011185	0.013760	-0.036472	0.040212	-0.015500	0.003844
	0.002354					
x334	0.018840	0.022664	-0.012080	0.003635	-0.001569	0.009467
	-0.014573	0.028948	-0.003355	0.004603	-0.036553	0.036358
	0.028371	0.039656	0.018232	-0.032873	-0.002302	-0.018341
	0.023204	-0.039404	-0.025256	-0.008429	-0.044133	-0.013351
	0.049556	-0.068499	0.005908	0.042649	0.018707	0.030366
	0.019260					
y334	0.008398	-0.009276	0.018790	-0.018859	-0.016463	-0.024926
	-0.008183	-0.015287	0.012147	0.013926	-0.015271	-0.003810
	0.011288	0.018351	-0.001955	0.008843	-0.000882	0.004985
	0.022092	-0.036024	0.028136	0.023587	-0.008581	-0.009057
	0.008169	-0.016373	-0.019227	0.003499	-0.019086	0.001300
	0.011888					
z334	0.041462	-0.045454	-0.007322	0.015217	0.084398	-0.047731
	0.005219	0.006733	-0.003457	0.070331	-0.003744	0.012074
	0.020566	0.071620	-0.022873	-0.029377	0.006572	-0.005797
	0.010564	-0.020937	0.009547	-0.029000	0.025450	-0.051763
	0.008865	0.014818	-0.029674	0.014201	-0.043477	0.001608
	0.023508					
x335	0.017829	0.020057	-0.018097	0.007693	-0.004844	0.010580
	-0.008666	0.030078	-0.000526	0.008871	-0.028917	0.037385
	0.022045	0.023866	0.022619	-0.038117	-0.007297	-0.025182
	0.024195	-0.038345	-0.024391	-0.009328	-0.033939	-0.009243
	0.047717	-0.071320	0.020986	0.049403	0.015187	0.027553
	0.020340					
y335	0.011988	-0.002996	0.012521	-0.017091	-0.020720	-0.017620
	-0.006216	-0.011111	0.014208	0.019301	-0.018380	-0.003519
	0.009258	0.015541	-0.002925	0.000194	-0.002128	0.008569
	0.021765	-0.039205	0.022037	0.023411	-0.020236	-0.008024
	0.015122	-0.023280	-0.017855	0.006016	-0.017356	-0.002782
	0.020123					

z335	0.043615	-0.050269	-0.002426	0.012974	0.073461	-0.047789
	0.007080	0.008482	-0.005558	0.069065	0.004236	0.012175
	0.012858	0.067156	-0.030215	-0.026618	0.003559	-0.011768
	0.007881	-0.017955	0.014920	-0.027717	0.028678	-0.044754
	0.023350	0.005073	-0.015028	-0.003628	-0.042409	0.001695
	0.036598					
x336	0.015769	0.017953	-0.023076	0.010035	-0.009010	0.013866
	-0.001647	0.026005	0.002485	0.009507	-0.024196	0.035003
	0.017096	0.013694	0.022262	-0.039192	-0.018142	-0.025823
	0.028233	-0.040159	-0.020245	-0.010882	-0.024985	-0.012006
	0.046466	-0.069913	0.029855	0.039537	0.015224	0.037988
	0.025828					
y336	0.014993	0.002310	0.005362	-0.015671	-0.024385	-0.010929
	-0.003113	-0.008154	0.018026	0.024582	-0.019879	-0.001739
	0.005045	0.009507	-0.005222	-0.006419	-0.004501	0.012320
	0.019848	-0.041679	0.012668	0.020153	-0.026101	-0.007842
	0.021496	-0.027436	-0.015537	0.005903	-0.011788	0.000850
	0.023616					
z336	0.045449	-0.054678	0.002150	0.010984	0.061828	-0.048229
	0.008551	0.010462	-0.006902	0.068344	0.012821	0.010389
	0.005722	0.060885	-0.033111	-0.023769	0.004813	-0.018170
	0.007920	-0.015850	0.018848	-0.025520	0.031832	-0.036365
	0.032415	-0.006953	-0.000905	-0.008339	-0.039321	0.001086
	0.038174					
x337	0.015673	0.017965	-0.024900	0.013517	-0.010251	0.013038
	0.003029	0.020878	0.002158	0.007762	-0.016676	0.033843
	0.014527	0.010364	0.021146	-0.036831	-0.028290	-0.026120
	0.030275	-0.036239	-0.018000	-0.013000	-0.020493	-0.021555
	0.036277	-0.054279	0.029963	0.025183	0.011707	0.038633
	0.027307					
y337	0.018023	0.008048	-0.001760	-0.013834	-0.027223	-0.005976
	0.000269	-0.006365	0.020870	0.028877	-0.019165	0.002984
	-0.000630	0.002387	-0.008876	-0.011309	-0.007954	0.013994
	0.015522	-0.040810	0.001487	0.014965	-0.030327	-0.011232
	0.026142	-0.024680	-0.013256	0.004444	-0.006288	0.006467
	0.024210					
z337	0.046445	-0.059386	0.005230	0.008006	0.050800	-0.045363
	0.010305	0.011767	-0.006068	0.066209	0.018869	0.007505
	0.000631	0.055057	-0.032516	-0.020965	0.004236	-0.022377
	0.008383	-0.014564	0.026723	-0.023047	0.031957	-0.023810
	0.043641	-0.021459	0.009137	-0.010192	-0.033522	0.003126
	0.036483					

x338	0.015180	0.017028	-0.022688	0.017159	-0.010616	0.012533
	0.005493	0.017363	-0.002348	0.005890	-0.011659	0.032301
	0.015600	0.009589	0.025415	-0.031337	-0.034419	-0.023161
	0.030847	-0.032793	-0.008962	-0.014139	-0.011583	-0.029492
	0.025060	-0.041896	0.025565	0.020683	0.006562	0.032171
	0.025733					
y338	0.019794	0.013109	-0.007696	-0.012157	-0.030907	-0.000673
	0.003884	-0.004682	0.020675	0.033605	-0.019034	0.009247
	-0.005522	-0.006278	-0.010204	-0.013069	-0.008682	0.015112
	0.008762	-0.038910	-0.005534	0.009693	-0.029664	-0.015750
	0.030701	-0.021340	-0.011437	0.009274	-0.001864	0.010776
	0.022160					
z338	0.047377	-0.062815	0.006987	0.004458	0.040709	-0.041643
	0.011611	0.013466	-0.003731	0.062239	0.024042	0.005101
	-0.002881	0.051527	-0.031837	-0.018468	0.002290	-0.023128
	0.012401	-0.012752	0.030959	-0.022130	0.029227	-0.012299
	0.049260	-0.033749	0.015787	-0.007002	-0.025984	0.003395
	0.033668					
x339	0.014816	0.015702	-0.019659	0.022432	-0.008095	0.013312
	0.007541	0.012027	-0.004064	-0.003219	-0.010789	0.027673
	0.019554	0.010389	0.029821	-0.027715	-0.043878	-0.020318
	0.037977	-0.028426	0.007634	-0.012830	-0.001703	-0.027297
	0.017823	-0.043010	0.031201	0.012890	0.006300	0.030324
	0.022054					
y339	0.020361	0.018001	-0.014903	-0.008695	-0.033603	0.006071
	0.009392	-0.006064	0.021568	0.034012	-0.022008	0.014656
	-0.007828	-0.017338	-0.011662	-0.015575	-0.010712	0.014367
	0.006613	-0.036073	-0.007811	0.005834	-0.026160	-0.013005
	0.038420	-0.028494	-0.002646	0.010510	0.006680	0.022307
	0.013357					
z339	0.048806	-0.065817	0.007786	-0.000146	0.030196	-0.037432
	0.011312	0.016374	-0.002151	0.058334	0.027863	0.003910
	-0.004804	0.050643	-0.028960	-0.016390	0.000380	-0.020843
	0.015824	-0.012929	0.032906	-0.020776	0.022067	-0.003641
	0.050838	-0.045618	0.013749	-0.001429	-0.021945	0.002350
	0.024509					
x340	0.014880	0.012951	-0.011438	0.027691	-0.002581	0.012425
	0.005593	0.010242	-0.007912	-0.009783	-0.007567	0.018944
	0.025315	0.018979	0.037096	-0.024978	-0.050511	-0.011399
	0.043178	-0.024459	0.019056	-0.007532	0.012175	-0.025004
	-0.001971	-0.031977	0.023398	0.005196	0.001592	0.023137
	0.015001					

y340	0.019559	0.021074	-0.018657	-0.005209	-0.035405	0.011579
	0.013543	-0.007199	0.018934	0.040097	-0.020582	0.017314
	-0.008845	-0.025262	-0.008502	-0.015511	-0.007886	0.016970
	0.002272	-0.035725	-0.017507	0.005546	-0.020624	-0.012321
	0.035279	-0.022282	-0.011283	0.012531	0.009524	0.030647
	-0.003411					
z340	0.050106	-0.067330	0.006155	-0.005293	0.019308	-0.031121
	0.011139	0.019172	-0.001214	0.052169	0.027218	0.005627
	-0.004073	0.049306	-0.025658	-0.014680	-0.000529	-0.017162
	0.019982	-0.013955	0.034617	-0.020754	0.013370	0.003747
	0.053163	-0.063965	0.009177	0.007296	-0.017777	0.000553
	0.006899					
x341	0.015827	0.010953	-0.002564	0.031553	0.005569	0.012887
	0.001084	0.008341	-0.007778	-0.024072	-0.005508	0.005129
	0.028732	0.028911	0.044421	-0.025485	-0.067526	-0.003261
	0.049212	-0.019843	0.044399	0.001295	0.026118	-0.016457
	-0.018162	-0.020530	0.026193	-0.003083	0.001393	0.019829
	0.023106					
y341	0.018282	0.025089	-0.022197	-0.002481	-0.035178	0.019161
	0.018663	-0.015766	0.018151	0.036735	-0.019958	0.017959
	-0.009876	-0.037191	0.000239	-0.013329	-0.022277	0.017804
	0.001892	-0.036101	-0.005277	0.008014	-0.016617	-0.006786
	0.046059	-0.020156	-0.009925	0.013585	0.012729	0.049153
	-0.004952					
z341	0.050222	-0.067379	0.002403	-0.012041	0.007837	-0.022466
	0.011808	0.022542	0.000033	0.045687	0.024750	0.009971
	-0.000081	0.049595	-0.022460	-0.010521	-0.000104	-0.011271
	0.023505	-0.016287	0.032732	-0.021230	0.000686	0.011583
	0.051885	-0.078360	-0.002763	0.017970	-0.012152	-0.000942
	-0.017509					
x342	0.015415	0.008597	0.004657	0.033456	0.014753	0.013995
	-0.006818	0.012820	-0.005635	-0.038527	-0.002732	-0.014597
	0.029358	0.041039	0.047254	-0.030627	-0.075353	0.001818
	0.049951	-0.010085	0.063416	0.010263	0.039343	-0.007301
	-0.044688	-0.000129	0.027251	-0.012341	0.007305	0.006044
	0.036460					
y342	0.017813	0.030696	-0.019404	0.001644	-0.028886	0.022759
	0.022798	-0.017038	0.014910	0.026823	-0.013989	0.014773
	-0.009352	-0.037497	0.009442	-0.012446	-0.032221	0.018070
	0.005953	-0.023726	0.002313	0.007589	-0.009528	-0.004953
	0.024141	-0.009696	-0.011062	0.011613	0.021880	0.051908
	-0.000075					

z342	0.047246	-0.065582	-0.002853	-0.019909	-0.002699	-0.011315
	0.012997	0.023656	0.000289	0.036432	0.019768	0.014571
	0.008509	0.050567	-0.019027	-0.001502	-0.000493	-0.003012
	0.022969	-0.019869	0.032349	-0.025641	-0.010102	0.024053
	0.051553	-0.082237	-0.025344	0.026345	-0.007396	0.005204
	-0.035381					
x343	0.008524	0.000174	0.003856	0.029467	0.016090	0.014190
	-0.008401	0.012228	-0.009439	-0.034624	-0.002293	-0.017440
	0.030714	0.036807	0.035181	-0.024512	-0.063936	-0.001945
	0.041734	-0.004556	0.046481	0.007544	0.033359	-0.004461
	-0.034266	-0.000258	0.023527	-0.009054	-0.003503	0.003954
	0.017089					
y343	0.019247	0.032663	-0.014909	0.009204	-0.025054	0.026602
	0.022077	-0.019485	0.007229	0.019468	-0.006517	0.012096
	-0.007735	-0.027235	0.015427	-0.015859	-0.046301	0.025595
	0.019167	-0.023861	0.016259	0.003234	0.005519	-0.011999
	0.015098	-0.015132	-0.004712	0.006235	0.021811	0.051999
	0.013022					
z343	0.042717	-0.062541	-0.003033	-0.026304	-0.004642	-0.004734
	0.013783	0.028185	0.001817	0.026594	0.023576	0.028142
	0.006272	0.045803	-0.015522	-0.005347	0.005854	0.005486
	0.020933	-0.022255	0.023661	-0.034611	-0.005813	0.034863
	0.060448	-0.071451	-0.013405	0.025059	0.002516	0.004552
	-0.029816					
x344	0.002218	-0.008483	-0.000090	0.024165	0.016227	0.013506
	-0.009965	0.012044	-0.011572	-0.029320	-0.003783	-0.018647
	0.028248	0.028815	0.021820	-0.018218	-0.044389	-0.007146
	0.028140	0.000821	0.030505	0.002786	0.025930	0.001416
	-0.021313	-0.001901	0.016000	-0.006387	-0.010360	-0.000127
	0.004066					
y344	0.018843	0.032007	-0.012486	0.013268	-0.021126	0.030282
	0.021203	-0.020841	-0.000981	0.014135	-0.001892	0.010502
	-0.004051	-0.020387	0.020660	-0.019014	-0.049357	0.029059
	0.023225	-0.019649	0.025112	0.002343	0.010332	-0.015439
	0.009813	-0.020372	-0.001704	0.003094	0.013806	0.052056
	0.009364					
z344	0.037341	-0.058287	-0.002903	-0.030740	-0.006883	0.000792
	0.013285	0.031017	0.003339	0.016095	0.026623	0.035333
	0.005016	0.040770	-0.012177	-0.007923	0.010616	0.013041
	0.018608	-0.023422	0.015919	-0.040510	-0.000584	0.043430
	0.066263	-0.055579	-0.003414	0.022395	0.011050	0.003892
	-0.023213					

x345	-0.002764	-0.015589	-0.004849	0.019734	0.016061	0.012883
	-0.013109	0.013400	-0.013278	-0.025953	-0.004595	-0.018166
	0.023833	0.021854	0.011518	-0.015324	-0.025112	-0.012470
	0.015773	0.006345	0.020940	-0.000682	0.021786	0.007669
	-0.011561	-0.004081	0.009721	-0.005421	-0.012203	-0.003720
	-0.003136					
y345	0.017625	0.029581	-0.012162	0.012741	-0.018393	0.031325
	0.022965	-0.023124	-0.003805	0.010925	-0.001702	0.003632
	-0.000640	-0.018533	0.022548	-0.015909	-0.044901	0.030728
	0.021425	-0.018022	0.023014	-0.000028	0.007992	-0.012161
	0.005045	-0.022271	-0.005985	0.000674	0.004268	0.043218
	0.008366					
z345	0.031951	-0.053072	-0.002570	-0.033297	-0.009716	0.004824
	0.011857	0.031725	0.006346	0.006040	0.028255	0.036028
	0.005918	0.037332	-0.009019	-0.008679	0.011287	0.015546
	0.017653	-0.024332	0.006754	-0.041230	0.006128	0.048141
	0.067286	-0.043579	0.001855	0.019362	0.011998	0.002611
	-0.014932					
x346	-0.005622	-0.020758	-0.009600	0.015681	0.015110	0.011050
	-0.016829	0.015024	-0.012060	-0.024485	-0.005322	-0.018067
	0.019293	0.015174	0.003845	-0.012347	-0.008176	-0.016457
	0.005608	0.009880	0.011117	-0.002380	0.016626	0.013314
	-0.004945	-0.006676	0.001616	-0.008709	-0.014593	-0.009528
	-0.005439					
y346	0.013526	0.024910	-0.012270	0.012241	-0.015538	0.034548
	0.022616	-0.023050	-0.010050	0.008690	-0.000602	-0.000272
	0.001410	-0.016811	0.022449	-0.018168	-0.036442	0.027173
	0.018080	-0.013004	0.023514	-0.004586	0.011897	-0.010392
	0.002050	-0.022271	-0.005180	0.005916	0.003428	0.037139
	0.008151					
z346	0.026270	-0.047653	-0.002295	-0.034371	-0.012918	0.008240
	0.008584	0.030713	0.009221	-0.002615	0.030014	0.033761
	0.007415	0.034623	-0.007912	-0.008978	0.011527	0.015912
	0.020158	-0.025830	-0.000370	-0.038779	0.014117	0.050486
	0.065064	-0.034608	0.004611	0.016356	0.009805	0.000079
	-0.014899					
x347	-0.007206	-0.025444	-0.012908	0.013477	0.015530	0.009959
	-0.022317	0.018427	-0.011294	-0.022914	-0.005300	-0.017150
	0.016570	0.007970	0.000807	-0.010708	0.005616	-0.021140
	-0.002242	0.015744	0.003570	-0.003052	0.013209	0.014040
	0.003109	-0.003304	-0.002974	-0.013475	-0.017686	-0.015297
	-0.001825					

y347	0.008191	0.020935	-0.014939	0.009014	-0.016343	0.035548
	0.023299	-0.023487	-0.012948	0.003697	-0.000344	-0.004949
	0.000241	-0.013536	0.017170	-0.020019	-0.024319	0.022375
	0.012877	-0.012861	0.018667	-0.007558	0.014523	-0.000888
	-0.006698	-0.029535	-0.008810	0.011802	0.005918	0.032302
	0.003481					
z347	0.021089	-0.042348	-0.002177	-0.034205	-0.016204	0.011082
	0.005730	0.028492	0.012320	-0.009562	0.030137	0.028824
	0.010440	0.031855	-0.006673	-0.008687	0.012346	0.015004
	0.023632	-0.026758	-0.007432	-0.033637	0.021658	0.049110
	0.059833	-0.027767	0.005390	0.015459	0.005764	-0.004627
	-0.020087					
x348	-0.008914	-0.029544	-0.014691	0.009844	0.017122	0.007571
	-0.026482	0.025851	-0.009112	-0.025133	-0.004159	-0.015247
	0.012674	0.003860	-0.006630	-0.010687	0.015096	-0.030402
	-0.008049	0.024689	-0.009215	-0.001440	0.003058	0.018310
	0.000078	-0.008076	-0.006708	-0.011989	-0.016340	-0.017663
	-0.002515					
y348	0.003199	0.017326	-0.019650	0.007597	-0.019471	0.037517
	0.020317	-0.027086	-0.015524	0.001508	-0.000642	-0.009554
	0.000140	-0.012400	0.018096	-0.021346	-0.009251	0.020116
	0.005082	-0.017378	0.017605	-0.010373	0.025812	0.002748
	-0.003570	-0.026221	-0.014831	0.009720	0.003345	0.025233
	0.007714					
z348	0.016233	-0.036742	-0.002288	-0.032392	-0.020260	0.012374
	0.002103	0.024346	0.015083	-0.015191	0.029541	0.021914
	0.013478	0.029965	-0.005008	-0.007470	0.014053	0.013820
	0.026956	-0.028788	-0.013682	-0.026979	0.030089	0.044924
	0.055342	-0.024624	0.002858	0.015657	-0.004286	-0.009133
	-0.028094					
x349	-0.010128	-0.031661	-0.016729	0.006739	0.016686	0.004684
	-0.029502	0.028404	-0.004810	-0.022266	-0.003668	-0.015878
	0.012316	-0.003060	-0.009621	-0.015020	0.014732	-0.031378
	-0.006753	0.021603	-0.013742	-0.000508	-0.000135	0.019272
	0.012276	-0.013712	-0.003951	-0.012055	-0.019226	-0.008978
	0.013140					
y349	-0.002476	0.012656	-0.025075	0.006220	-0.021823	0.039910
	0.015287	-0.024309	-0.018488	-0.006486	-0.000006	-0.011391
	-0.003080	-0.007956	0.017240	-0.019192	0.010730	0.006929
	-0.006866	-0.012589	0.008516	-0.008487	0.032827	0.007228
	-0.013245	-0.022627	-0.023946	0.008088	0.003879	0.014725
	0.003764					

z349	0.011400	-0.030748	-0.002809	-0.029255	-0.023895	0.013596
	-0.001320	0.018677	0.018291	-0.020978	0.028869	0.012551
	0.015514	0.028190	-0.002880	-0.005625	0.014809	0.012113
	0.031667	-0.029403	-0.016418	-0.016974	0.036458	0.040180
	0.048689	-0.024180	-0.001728	0.015891	-0.012068	-0.012107
	-0.037878					
x350	-0.009733	-0.031666	-0.016114	0.003298	0.018763	0.000844
	-0.035279	0.034226	-0.001737	-0.017770	-0.002438	-0.012695
	0.012795	-0.004434	-0.012394	-0.013041	0.019885	-0.024613
	-0.007192	0.022533	-0.029274	0.001452	-0.002551	0.012692
	0.013376	-0.010634	-0.018114	-0.015233	-0.016711	-0.004724
	0.007979					
y350	-0.009237	0.007900	-0.032853	0.004897	-0.026179	0.042554
	0.011301	-0.020920	-0.019248	-0.015200	0.000182	-0.015317
	-0.006049	-0.002165	0.018358	-0.020717	0.024472	-0.012410
	-0.016512	-0.011372	0.002898	-0.002627	0.038565	0.010085
	-0.016356	-0.022459	-0.025856	0.008901	0.001711	0.013497
	0.013944					
z350	0.006687	-0.024882	-0.003649	-0.024223	-0.027557	0.013988
	-0.005010	0.012516	0.021031	-0.025521	0.026503	-0.001706
	0.019081	0.025540	-0.000153	-0.002695	0.016930	0.008857
	0.037928	-0.027068	-0.022033	-0.004622	0.044168	0.032938
	0.037161	-0.024180	-0.012894	0.012365	-0.025668	-0.017757
	-0.046153					
x351	-0.004999	-0.029707	-0.013536	0.001304	0.024031	-0.001187
	-0.039578	0.034558	0.001953	-0.014236	0.000169	-0.012378
	0.012396	-0.010174	-0.013171	-0.011274	0.009111	-0.012802
	0.000159	0.017781	-0.028666	0.004855	-0.011871	0.007885
	0.028434	-0.006241	-0.007491	-0.013686	-0.014652	0.006026
	-0.007358					
y351	-0.016490	0.003592	-0.040371	0.002992	-0.028750	0.043589
	0.007833	-0.012308	-0.020244	-0.020200	-0.000493	-0.019219
	-0.006993	0.008369	0.020197	-0.022386	0.034098	-0.031051
	-0.023256	-0.009331	-0.006997	0.007133	0.041924	0.005767
	-0.020962	-0.017958	-0.030889	0.013566	-0.001747	0.018145
	0.026131					
z351	0.002173	-0.018598	-0.004663	-0.017658	-0.031240	0.015201
	-0.007867	0.005216	0.023513	-0.030900	0.023538	-0.018492
	0.023011	0.020204	0.001304	0.004098	0.014820	0.002542
	0.045246	-0.022839	-0.023847	0.010977	0.050534	0.023415
	0.024077	-0.027526	-0.022343	0.008221	-0.041091	-0.022967
	-0.047958					

x352	-0.000804	-0.027242	-0.010140	0.001040	0.028839	-0.004268
	-0.041578	0.035094	0.002857	-0.009820	0.003415	-0.012082
	0.012812	-0.013016	-0.017874	-0.003144	0.002011	0.002350
	0.005033	0.020419	-0.030687	-0.003476	-0.017136	0.003528
	0.027125	0.000807	-0.004567	-0.008329	-0.013405	0.005071
	-0.005338					
y352	-0.017244	-0.000315	-0.036440	0.001633	-0.019485	0.039682
	0.004140	-0.005308	-0.020850	-0.014914	0.002510	-0.020849
	-0.010137	0.007187	0.008868	-0.023244	0.028246	-0.029982
	-0.022402	-0.007887	-0.010222	0.004802	0.033598	0.001620
	-0.012023	-0.006219	-0.022215	0.016516	-0.003347	0.006578
	0.024647					
z352	0.003327	-0.017091	-0.003207	-0.014474	-0.034406	0.016953
	-0.005756	0.010256	0.026677	-0.032810	0.007866	-0.011081
	0.026754	0.011689	-0.000059	0.005257	0.016362	-0.000694
	0.031022	-0.019672	-0.037394	0.019997	0.047608	0.016873
	0.004049	-0.021030	-0.039145	-0.010177	-0.046406	-0.016731
	-0.058006					
x353	0.004138	-0.023666	-0.008521	0.002057	0.028673	-0.005386
	-0.041914	0.032347	0.004343	-0.009780	0.004743	-0.009599
	0.007960	-0.018016	-0.017928	0.003996	-0.006781	0.007260
	0.004037	0.026036	-0.025285	-0.003083	-0.021165	-0.001347
	0.029124	0.003251	-0.003111	-0.012746	-0.008414	0.005632
	-0.005554					
y353	-0.017096	-0.004120	-0.031509	0.000264	-0.009290	0.035243
	0.000954	0.003576	-0.020346	-0.007287	0.004468	-0.022564
	-0.012543	0.006063	-0.002809	-0.022741	0.019528	-0.026071
	-0.020089	-0.006109	-0.014495	0.004491	0.023343	-0.003010
	-0.002866	0.006666	-0.012508	0.020317	-0.005254	-0.001953
	0.018285					
z353	0.004470	-0.015237	-0.002600	-0.010929	-0.036703	0.018559
	-0.003175	0.014602	0.029397	-0.034201	-0.006208	-0.005032
	0.029044	0.002972	-0.001997	0.008761	0.015994	-0.002020
	0.019023	-0.017550	-0.046859	0.026757	0.045952	0.010816
	-0.012580	-0.015484	-0.049571	-0.019803	-0.047836	-0.011883
	-0.061087					
x354	0.007571	-0.020483	-0.006512	0.004005	0.027160	-0.004296
	-0.039735	0.028357	0.004589	-0.008452	0.004463	-0.005485
	0.003526	-0.020950	-0.018024	0.007081	-0.010128	0.010637
	0.001070	0.025785	-0.025274	0.000634	-0.021320	-0.006518
	0.028856	-0.001024	-0.008656	-0.013338	-0.001693	0.003874
	-0.009796					

y354	-0.016847	-0.007281	-0.027222	-0.000782	-0.000030	0.031580
	-0.000835	0.012742	-0.020125	0.000368	0.004847	-0.023886
	-0.013638	0.005983	-0.011876	-0.021786	0.011879	-0.022545
	-0.018726	-0.005168	-0.020100	0.007326	0.014182	-0.009517
	0.004908	0.017673	-0.005199	0.024250	-0.009190	-0.006104
	0.011327					
z354	0.005484	-0.013286	-0.002907	-0.007125	-0.037050	0.018961
	-0.000960	0.018080	0.030327	-0.035913	-0.017521	-0.001479
	0.030770	-0.004996	-0.004651	0.012872	0.015770	-0.002118
	0.009889	-0.015578	-0.052346	0.034648	0.044472	0.004736
	-0.024465	-0.011790	-0.054360	-0.024863	-0.048100	-0.008683
	-0.060081					
x355	0.010658	-0.017019	-0.007666	0.005201	0.024411	-0.003122
	-0.040085	0.024590	0.004491	-0.012071	0.004656	-0.003059
	-0.000945	-0.028075	-0.015170	0.011445	-0.013887	0.014843
	0.002898	0.026937	-0.025275	-0.003364	-0.022094	-0.006100
	0.022205	-0.007400	-0.003442	-0.012597	0.008112	0.009505
	-0.003782					
y355	-0.016716	-0.009736	-0.024856	-0.001988	0.007920	0.028811
	-0.003005	0.022137	-0.019753	0.005179	0.004565	-0.025823
	-0.013624	0.003576	-0.017652	-0.020107	0.004590	-0.018142
	-0.015050	-0.003786	-0.025531	0.009120	0.006621	-0.013472
	0.007106	0.025230	0.006419	0.026140	-0.012169	-0.002703
	0.009653					
z355	0.007013	-0.011144	-0.004790	-0.003094	-0.036326	0.018406
	0.001159	0.019660	0.029649	-0.038398	-0.025684	0.001199
	0.031773	-0.011289	-0.008206	0.016607	0.013838	-0.001766
	0.002926	-0.013680	-0.052016	0.039994	0.042587	-0.002332
	-0.031140	-0.006910	-0.053865	-0.026379	-0.048292	-0.007461
	-0.056626					
x356	0.013854	-0.013279	-0.009652	0.007003	0.020610	-0.002708
	-0.040202	0.016828	0.004278	-0.016180	0.007480	0.001008
	-0.005809	-0.033773	-0.009797	0.016978	-0.015572	0.019493
	0.003905	0.024935	-0.020990	-0.006754	-0.020634	-0.008836
	0.017931	-0.016889	-0.008832	-0.015176	0.013353	0.008968
	0.004347					
y356	-0.016522	-0.011679	-0.023678	-0.002352	0.014630	0.027035
	-0.004432	0.028919	-0.018489	0.009162	0.004775	-0.026066
	-0.012048	0.000740	-0.021112	-0.018061	-0.001589	-0.011711
	-0.011191	-0.004362	-0.029254	0.012594	0.002185	-0.018120
	0.007105	0.025406	0.012193	0.024562	-0.015641	0.000449
	0.010103					

z356	0.008789	-0.009106	-0.007359	0.001415	-0.034630	0.016838
	0.002945	0.020201	0.027324	-0.040731	-0.031209	0.002071
	0.031541	-0.016658	-0.012327	0.019713	0.011262	-0.000794
	-0.001983	-0.011842	-0.047513	0.044526	0.040859	-0.009167
	-0.035131	-0.003755	-0.047144	-0.022736	-0.047333	-0.007415
	-0.051075					
x357	0.016847	-0.009614	-0.011090	0.007386	0.015639	-0.003305
	-0.040719	0.009217	0.004146	-0.021447	0.011437	0.001455
	-0.010804	-0.038752	-0.001534	0.022736	-0.014015	0.021258
	0.006045	0.023326	-0.012666	-0.011372	-0.021969	-0.011570
	0.012525	-0.023383	-0.017082	-0.020260	0.012015	0.011060
	0.011089					
y357	-0.016467	-0.013239	-0.022528	-0.003279	0.020402	0.026195
	-0.006233	0.035683	-0.016016	0.011901	0.004783	-0.028525
	-0.008965	-0.003478	-0.022246	-0.017099	-0.005550	-0.004376
	-0.005222	-0.005272	-0.030084	0.015087	-0.003355	-0.021146
	0.000347	0.024540	0.018233	0.018189	-0.023316	0.012066
	0.011924					
z357	0.010812	-0.007231	-0.010484	0.006362	-0.032009	0.014413
	0.004811	0.019026	0.024036	-0.043342	-0.033895	0.001455
	0.030200	-0.021486	-0.016740	0.022344	0.008038	0.000384
	-0.004690	-0.011218	-0.039061	0.047434	0.041202	-0.014338
	-0.036953	-0.000981	-0.036596	-0.015771	-0.044770	-0.008358
	-0.044979					
x358	0.020134	-0.005337	-0.013294	0.007535	0.009845	-0.004902
	-0.040374	0.000092	0.001756	-0.029307	0.017997	0.000193
	-0.017713	-0.041104	0.008219	0.030970	-0.012179	0.019504
	0.004607	0.020754	-0.006430	-0.019228	-0.023532	-0.013440
	0.007123	-0.026561	-0.026459	-0.022449	0.015338	0.004977
	0.011927					
y358	-0.016409	-0.013927	-0.023086	-0.003095	0.025273	0.026695
	-0.006124	0.040149	-0.014315	0.012159	0.004627	-0.031563
	-0.005800	-0.006042	-0.023241	-0.015125	-0.010536	0.002151
	-0.002074	-0.006209	-0.034286	0.012966	-0.007999	-0.021417
	-0.008719	0.020581	0.025881	0.014398	-0.020797	0.015035
	0.006891					
z358	0.012986	-0.005896	-0.014473	0.011925	-0.029125	0.011340
	0.006302	0.016222	0.020171	-0.045095	-0.033871	-0.001441
	0.028446	-0.026232	-0.022303	0.023603	0.003228	0.002551
	-0.005567	-0.009874	-0.025631	0.049912	0.042048	-0.017125
	-0.036779	0.000213	-0.021552	-0.005412	-0.040414	-0.009566
	-0.038491					

x359	0.023078	-0.000999	-0.014391	0.007093	0.002351	-0.008459
	-0.042283	-0.009779	-0.002978	-0.037735	0.027103	-0.002145
	-0.027061	-0.042628	0.020563	0.043256	-0.008762	0.013511
	0.002201	0.017092	0.002008	-0.027703	-0.022107	-0.017776
	0.006539	-0.026047	-0.044366	-0.022449	0.015973	-0.000935
	0.014585					
y359	-0.017533	-0.014485	-0.023905	-0.001117	0.028982	0.028214
	-0.008267	0.042873	-0.013456	0.012869	0.005039	-0.034553
	-0.003931	-0.009969	-0.021730	-0.008500	-0.015598	0.007783
	0.000632	-0.008574	-0.037624	0.007591	-0.009198	-0.024272
	-0.015705	0.014527	0.023980	0.012016	-0.018860	0.020857
	0.006820					
z359	0.015129	-0.005154	-0.019481	0.017904	-0.025283	0.007592
	0.008129	0.012261	0.015130	-0.046755	-0.030551	-0.007092
	0.026238	-0.030102	-0.027524	0.024120	-0.002459	0.005457
	-0.003530	-0.008733	-0.007498	0.051576	0.042505	-0.017291
	-0.032741	0.000698	-0.001456	0.010334	-0.032956	-0.010957
	-0.030288					
x360	0.026895	0.004675	-0.012809	0.004201	-0.006248	-0.014967
	-0.044341	-0.020292	-0.008336	-0.047749	0.035817	-0.005011
	-0.035810	-0.041920	0.031615	0.053598	-0.003013	0.004666
	0.000814	0.013606	0.012533	-0.033905	-0.017748	-0.022741
	0.010672	-0.024351	-0.059317	-0.019028	0.014662	-0.008062
	0.017611					
y360	-0.018976	-0.013745	-0.027366	0.000561	0.031174	0.029449
	-0.008914	0.043039	-0.010887	0.008034	0.006563	-0.041526
	-0.004577	-0.016236	-0.015472	0.003689	-0.021360	0.008200
	0.002306	-0.010589	-0.039414	-0.007069	-0.015514	-0.026345
	-0.014939	0.000523	0.020756	0.014289	-0.012610	0.023862
	0.014810					
z360	0.017102	-0.005008	-0.025843	0.024050	-0.020376	0.003376
	0.009812	0.008439	0.008866	-0.047763	-0.024143	-0.014008
	0.022832	-0.032756	-0.030880	0.025402	-0.008503	0.009803
	0.000099	-0.008518	0.013856	0.053174	0.041774	-0.016371
	-0.025467	0.000758	0.020491	0.031434	-0.025959	-0.015677
	-0.018665					
x361	0.032701	0.010283	-0.001692	-0.002976	-0.010139	-0.021179
	-0.039954	-0.032256	-0.010885	-0.048485	0.029757	0.005455
	-0.036631	-0.029462	0.023826	0.037745	0.010286	0.010844
	0.008371	0.016665	0.031193	-0.019477	-0.001755	-0.030713
	0.010888	-0.019904	-0.054474	-0.011293	0.008957	-0.005459
	0.013399					

y361	-0.017963	-0.012900	-0.029354	0.001568	0.030717	0.028549
	-0.012098	0.042327	-0.011371	0.000530	0.008907	-0.044145
	-0.013172	-0.019642	-0.005706	0.019302	-0.024159	0.012075
	0.001395	-0.013457	-0.033033	-0.022518	-0.025395	-0.022794
	-0.022077	-0.007814	0.001901	-0.002769	-0.021489	0.022607
	0.016665					
z361	0.024549	-0.003725	-0.040684	0.028480	-0.013309	0.003984
	0.015932	0.009634	0.001746	-0.052877	-0.026518	-0.006940
	0.015707	-0.032162	-0.034164	0.016479	-0.007524	0.023613
	-0.002534	-0.012854	0.038464	0.037441	0.036883	-0.024628
	-0.007457	-0.019310	0.000489	0.027367	-0.021778	0.020947
	-0.017041					
x362	0.037424	0.015320	0.011473	-0.012056	-0.014261	-0.029529
	-0.035885	-0.041326	-0.012923	-0.046145	0.023593	0.018618
	-0.036425	-0.012798	0.016931	0.017344	0.024699	0.013342
	0.015773	0.019104	0.048149	-0.002864	0.009635	-0.035424
	0.015892	-0.012290	-0.045073	-0.001398	0.002639	0.003531
	0.014580					
y362	-0.014816	-0.012208	-0.026380	0.001020	0.027758	0.023483
	-0.016543	0.036539	-0.011231	-0.008000	0.008738	-0.043640
	-0.018497	-0.020089	0.003949	0.032877	-0.023480	0.016122
	-0.000737	-0.011002	-0.024358	-0.031452	-0.029619	-0.022056
	-0.011500	-0.013910	0.003452	-0.008301	-0.032252	0.020121
	0.024796					
z362	0.030948	-0.004706	-0.055392	0.034514	-0.006280	0.002663
	0.023381	0.011562	-0.004371	-0.054633	-0.026734	-0.001693
	0.009017	-0.032505	-0.031569	0.013082	-0.003420	0.036731
	-0.008058	-0.006470	0.058657	0.012366	0.031361	-0.027736
	0.001494	-0.033285	-0.016859	0.021394	-0.008621	0.044769
	-0.013874					
x363	0.042018	0.018452	0.020978	-0.018772	-0.020029	-0.038631
	-0.033879	-0.047776	-0.015075	-0.043502	0.022648	0.030240
	-0.035564	0.002843	0.014714	0.001992	0.032912	0.011913
	0.019535	0.025187	0.059982	0.002599	0.016993	-0.034138
	0.023948	-0.005325	-0.037559	0.008669	-0.002670	0.014898
	0.014802					
y363	-0.012552	-0.008633	-0.016847	-0.007056	0.024987	0.018031
	-0.016487	0.031230	-0.013875	-0.014239	0.003617	-0.041902
	-0.027187	-0.015554	0.006207	0.038595	-0.013273	0.015092
	0.002221	-0.016172	-0.018044	-0.019482	-0.038411	-0.029079
	-0.009262	-0.017165	0.007178	-0.004396	-0.037527	0.018869
	0.037092					

z363	0.032576	-0.006368	-0.063552	0.040007	0.002790	0.005596
	0.033793	0.014229	-0.008863	-0.051461	-0.029996	0.003729
	-0.003725	-0.041048	-0.026278	0.009475	0.010678	0.045265
	-0.011492	-0.014710	0.063940	0.012961	0.023990	-0.037613
	0.006262	-0.043668	-0.023106	0.012581	-0.007784	0.052823
	-0.001720					
x364	0.043866	0.021101	0.028656	-0.023478	-0.023213	-0.042473
	-0.030048	-0.051612	-0.017595	-0.039160	0.023321	0.040871
	-0.040144	0.010131	0.012196	-0.009629	0.040463	0.006948
	0.024849	0.018155	0.056577	0.020745	0.015594	-0.036970
	0.030221	0.000816	-0.029024	0.019759	-0.007997	0.022548
	0.009838					
y364	-0.008829	-0.004414	-0.005430	-0.015118	0.020656	0.009056
	-0.018965	0.025367	-0.016346	-0.020625	-0.001283	-0.039867
	-0.030696	-0.008627	0.011041	0.039881	-0.001803	0.013066
	0.003174	-0.017674	-0.007171	-0.008229	-0.037383	-0.028720
	-0.002224	-0.022575	0.011618	-0.008392	-0.051982	0.017830
	0.053018					
z364	0.031170	-0.008228	-0.067082	0.044435	0.011122	0.010254
	0.045800	0.017524	-0.013104	-0.046354	-0.033566	0.008294
	-0.016962	-0.052451	-0.021064	0.006847	0.028989	0.048645
	-0.013274	-0.031833	0.061008	0.028677	0.016687	-0.047923
	0.006451	-0.050955	-0.022449	0.006328	-0.015865	0.050360
	0.007875					
x365	0.045161	0.022442	0.032963	-0.025337	-0.028111	-0.045376
	-0.023764	-0.054310	-0.022416	-0.031110	0.027107	0.050000
	-0.045294	0.015388	0.011580	-0.017015	0.046313	-0.000341
	0.028041	0.012974	0.051068	0.033356	0.018769	-0.040158
	0.035067	0.006612	-0.023839	0.032916	-0.016079	0.026379
	0.009826					
y365	-0.001406	0.000915	0.007361	-0.024384	0.014580	-0.004964
	-0.024786	0.018034	-0.019089	-0.029811	-0.002634	-0.037771
	-0.030793	0.002980	0.015719	0.043609	0.002819	0.010954
	0.003202	-0.009660	0.003589	-0.007427	-0.039837	-0.016990
	0.001074	-0.024562	0.017551	-0.002792	-0.050904	0.026205
	0.052572					
z365	0.033083	-0.013373	-0.076871	0.051181	0.014233	0.009577
	0.056628	0.021295	-0.019399	-0.041300	-0.026296	0.009108
	-0.019102	-0.054366	-0.015763	0.016461	0.033027	0.051037
	-0.018751	-0.024445	0.058759	0.007771	0.006611	-0.039183
	-0.004635	-0.047639	-0.026895	0.023148	0.001869	0.056988
	-0.009248					

x366	0.046699	0.020736	0.027016	-0.018394	-0.031965	-0.043362
	-0.014626	-0.059779	-0.027859	-0.019939	0.041581	0.053595
	-0.053528	0.014130	0.007941	-0.011116	0.039294	-0.007336
	0.025918	0.008169	0.025516	0.028184	0.014434	-0.025636
	0.042711	0.009340	-0.010346	0.046107	-0.021598	0.034348
	-0.010713					
y366	0.007028	0.008755	0.025608	-0.035692	0.009066	-0.020525
	-0.033255	0.012680	-0.024170	-0.037262	-0.003966	-0.030909
	-0.030794	0.017454	0.021870	0.047619	0.008167	0.010322
	0.005872	-0.003398	0.004170	0.001100	-0.040992	-0.006593
	-0.001162	-0.021263	0.018831	0.005771	-0.045729	0.027592
	0.048120					
z366	0.031892	-0.016811	-0.082465	0.060165	0.019088	0.013783
	0.069395	0.024911	-0.024603	-0.032505	-0.018199	0.015120
	-0.025900	-0.061440	-0.010281	0.025416	0.040710	0.047455
	-0.020341	-0.032870	0.030081	0.012521	-0.015719	-0.026924
	-0.014720	-0.041937	-0.017134	0.034276	0.012454	0.054690
	-0.029108					
x367	0.045199	0.015682	0.012096	-0.000100	-0.030086	-0.030274
	0.001482	-0.064725	-0.034006	0.002281	0.068230	0.052533
	-0.066778	0.006043	0.002596	0.004372	0.024817	-0.020427
	0.017802	0.004819	-0.023638	0.011295	0.000773	0.001408
	0.036598	0.016586	0.003409	0.035268	-0.031131	0.036479
	-0.027815					
y367	0.018425	0.019675	0.049191	-0.051092	0.000470	-0.041763
	-0.043914	0.006216	-0.032689	-0.048315	-0.005581	-0.022414
	-0.035233	0.032136	0.027709	0.056516	0.012350	0.011304
	0.009143	0.000869	-0.003497	0.011168	-0.034429	0.002133
	-0.001659	-0.019393	0.022356	0.019667	-0.039294	0.027061
	0.039664					
z367	0.030793	-0.019943	-0.085824	0.068283	0.019372	0.014988
	0.081557	0.029036	-0.028596	-0.025058	-0.012311	0.022275
	-0.031774	-0.060770	0.002516	0.034647	0.050115	0.038930
	-0.026088	-0.023052	0.003987	0.006253	-0.039604	-0.004810
	-0.023257	-0.033971	-0.002266	0.043248	0.022386	0.040020
	-0.042787					
x368	0.036703	0.005017	-0.013633	0.031175	-0.025528	-0.004938
	0.031274	-0.073473	-0.037552	0.038166	0.102598	0.041851
	-0.087020	-0.011548	-0.002597	0.022666	0.008269	-0.046913
	-0.002796	0.005010	-0.075569	-0.011239	-0.017251	0.025441
	0.014184	0.021668	0.009053	0.011005	-0.045768	0.014592
	-0.047411					

y368	0.029705	0.031944	0.076745	-0.068841	-0.011607	-0.065744
	-0.051736	0.001287	-0.045758	-0.060470	-0.006993	-0.012849
	-0.043780	0.044283	0.030809	0.072381	0.015725	0.005052
	0.010680	0.002686	-0.013252	0.028125	-0.007215	-0.008514
	-0.004710	-0.011418	0.025961	0.037739	-0.035406	0.017732
	0.017905					
z368	0.028864	-0.019542	-0.077445	0.067859	0.011359	0.008793
	0.087167	0.032927	-0.029708	-0.025235	-0.019589	0.025586
	-0.036523	-0.046241	0.027794	0.036404	0.060623	0.021791
	-0.034133	0.014630	0.003013	-0.004903	-0.049347	0.011873
	-0.026179	-0.025900	0.018782	0.035669	0.021504	0.006776
	-0.024454					
x369	0.025811	-0.005712	-0.035303	0.054787	-0.024496	0.013208
	0.049720	-0.082411	-0.037873	0.069436	0.125231	0.019542
	-0.093796	-0.020687	-0.004501	0.018625	-0.010489	-0.067791
	-0.028983	0.017751	-0.078660	-0.026200	-0.030662	0.016851
	-0.008546	0.020605	-0.002422	-0.001813	-0.063856	-0.014500
	-0.040534					
y369	0.032406	0.033890	0.084784	-0.071215	-0.019486	-0.071499
	-0.042082	-0.004858	-0.054802	-0.049941	-0.000487	-0.011296
	-0.057963	0.040488	0.036905	0.083916	0.014452	-0.002556
	0.005785	0.006146	-0.021657	0.026586	0.014587	-0.021007
	-0.018748	-0.001995	0.026238	0.035511	-0.031355	0.003462
	-0.010051					
z369	0.024944	-0.014895	-0.060540	0.059038	0.002192	-0.000562
	0.077181	0.036189	-0.027973	-0.037789	-0.034218	0.018890
	-0.029237	-0.028688	0.043717	0.034888	0.054590	-0.003494
	-0.031523	0.036762	0.013730	0.012659	-0.031912	-0.007334
	-0.022585	-0.015838	0.035131	0.042278	0.014442	-0.023623
	-0.018396					
x370	-0.020644	-0.021355	-0.012207	-0.005112	-0.020523	-0.028804
	-0.004549	0.011250	0.040384	-0.019050	0.004878	-0.010669
	-0.025532	0.008303	0.014499	-0.012180	-0.003086	-0.002587
	-0.041973	-0.034783	-0.069647	-0.026796	0.012743	-0.002453
	-0.010631	-0.004391	0.060037	0.019627	-0.003890	0.008392
	0.004939					
y370	-0.009521	-0.015086	0.024157	-0.004666	-0.020476	0.002240
	0.030119	0.003849	-0.027538	0.006031	0.033499	-0.017095
	0.038744	-0.014659	0.012025	-0.040222	0.046128	-0.009179
	0.040979	-0.005743	0.016459	0.037975	-0.021119	-0.012279
	0.062867	-0.025391	0.049670	-0.115179	-0.007172	-0.030735
	-0.032012					

z370	-0.002214	-0.011662	0.036262	-0.049525	0.019461	0.016268
	0.023911	0.006991	0.025448	0.036489	-0.002208	0.012466
	-0.118747	-0.044998	-0.033673	-0.020033	-0.101100	0.036095
	-0.061710	0.018156	0.114628	0.017100	0.026566	0.071682
	0.033798	-0.009032	-0.003201	-0.040229	-0.012470	-0.124912
	-0.005338					
x371	-0.018494	-0.027391	-0.011615	-0.009007	-0.021605	-0.042111
	-0.007655	0.012870	0.058019	-0.039366	0.015911	0.001128
	-0.053176	-0.016483	-0.000177	-0.013947	-0.031953	0.000090
	-0.070374	-0.037414	-0.076174	-0.028101	0.017241	0.017421
	0.000393	-0.010454	0.087876	0.047658	0.000163	-0.031524
	0.031315					
y371	-0.015938	-0.022821	0.031451	0.002841	-0.037680	0.013373
	0.028093	0.003001	-0.038117	0.016445	0.017173	-0.018073
	0.050031	0.008631	0.005743	-0.044760	0.035144	-0.024684
	0.038188	0.000951	0.033857	0.046305	-0.011694	-0.031183
	0.031404	-0.022040	0.005005	-0.087514	0.012640	-0.003234
	-0.013917					
z371	-0.005155	-0.010841	0.037145	-0.038699	0.010297	0.016440
	0.013008	0.010984	0.029983	0.032403	-0.004156	0.004701
	-0.094176	-0.020715	-0.025789	-0.026523	-0.084274	0.011128
	-0.058569	0.013653	0.078501	0.003601	0.023008	0.052328
	0.023133	-0.022829	-0.004046	-0.033037	-0.004251	-0.084740
	0.010008					
x372	-0.025032	-0.027223	-0.010477	-0.007915	-0.026639	-0.048958
	-0.006600	0.012373	0.063208	-0.050820	0.020861	0.006780
	-0.057547	-0.032090	-0.015344	-0.003067	-0.032426	0.002153
	-0.063902	-0.027352	-0.069265	-0.022649	0.002454	0.026724
	0.008336	-0.000109	0.101803	0.019348	0.005023	-0.022327
	0.029228					
y372	-0.018837	-0.028262	0.040072	0.005848	-0.045480	0.015606
	0.019835	0.000978	-0.041061	0.016985	0.003847	-0.021430
	0.048121	0.018221	0.003534	-0.041395	0.031232	-0.020369
	0.039932	-0.010812	0.027998	0.039795	-0.010118	-0.035195
	0.018239	-0.013607	-0.032200	-0.058434	0.016378	-0.002241
	-0.008142					
z372	-0.010134	-0.013517	0.040379	-0.027166	0.001289	0.012597
	0.009447	0.008380	0.032642	0.029684	-0.009064	0.000961
	-0.071002	-0.003060	-0.020329	-0.027580	-0.070156	-0.007711
	-0.051698	0.013538	0.049688	-0.002018	0.017302	0.039348
	0.008627	-0.024621	-0.006106	-0.021327	0.002893	-0.055352
	0.007161					

x373	-0.030655	-0.023959	-0.012732	-0.006204	-0.029742	-0.052561
	-0.004319	0.014053	0.064966	-0.058847	0.027477	0.009711
	-0.053674	-0.047631	-0.022238	0.005697	-0.029797	0.002395
	-0.055575	-0.014027	-0.050092	-0.016808	-0.005681	0.023350
	0.007245	0.000645	0.111096	-0.012518	-0.003956	-0.009772
	0.015183					
y373	-0.021752	-0.028585	0.042272	0.004271	-0.048617	0.015604
	0.016152	-0.005987	-0.036349	0.013356	-0.000982	-0.024157
	0.037145	0.016336	0.004724	-0.038524	0.021584	-0.018113
	0.032008	-0.017098	0.038899	0.029065	-0.006147	-0.031272
	0.006321	-0.017228	-0.033410	-0.046214	0.027128	0.002071
	0.002011					
z373	-0.015568	-0.015868	0.043269	-0.020895	-0.006733	0.009434
	0.008775	0.002540	0.036787	0.026293	-0.013838	0.000271
	-0.057591	0.006400	-0.014298	-0.030181	-0.062640	-0.021359
	-0.052553	0.017575	0.037112	-0.006764	0.017735	0.033231
	-0.008640	-0.028643	-0.005990	-0.011188	0.010703	-0.038338
	0.003617					
x374	-0.033764	-0.020299	-0.014860	-0.002827	-0.032196	-0.053436
	-0.003581	0.017895	0.059533	-0.063417	0.030281	0.011665
	-0.043893	-0.057647	-0.027017	0.012978	-0.025086	-0.000390
	-0.044327	-0.004375	-0.034353	-0.006829	-0.011590	0.014798
	0.006739	0.004292	0.101555	-0.027676	-0.013000	0.004698
	0.003282					
y374	-0.022017	-0.027618	0.039566	0.005546	-0.052860	0.013716
	0.012453	-0.013080	-0.034477	0.008480	-0.002644	-0.027665
	0.028415	0.010188	0.000685	-0.036886	0.022727	-0.018168
	0.025520	-0.016458	0.038946	0.025126	-0.009323	-0.025383
	-0.000107	-0.009658	-0.021330	-0.035079	0.022559	0.021801
	0.004383					
z374	-0.019020	-0.018148	0.044881	-0.015028	-0.017332	0.007650
	0.007108	-0.003309	0.036515	0.022855	-0.018611	-0.001071
	-0.047789	0.010420	-0.013266	-0.031937	-0.050150	-0.033557
	-0.051931	0.022957	0.019752	-0.007910	0.016881	0.031656
	-0.017196	-0.026319	-0.001858	0.001333	0.010185	-0.011918
	-0.001782					
x375	-0.035480	-0.016422	-0.015345	0.000701	-0.033088	-0.052932
	-0.002736	0.022974	0.051736	-0.064126	0.029368	0.011270
	-0.031573	-0.062177	-0.028454	0.017838	-0.022642	-0.004105
	-0.029903	0.000772	-0.017353	0.001393	-0.012489	0.002658
	0.007893	0.004902	0.080114	-0.033557	-0.019863	0.011762
	-0.010075					

y375	-0.021189	-0.024708	0.036000	0.006740	-0.053300	0.011556
	0.011144	-0.017475	-0.030692	0.005313	-0.004521	-0.029764
	0.024784	0.006281	-0.001245	-0.032724	0.020185	-0.014135
	0.022140	-0.016606	0.039650	0.022236	-0.017235	-0.023029
	-0.003884	0.000801	-0.017214	-0.032252	0.022332	0.024242
	0.009157					
z375	-0.022281	-0.019223	0.047195	-0.010922	-0.025516	0.007935
	0.006730	-0.008153	0.037527	0.019445	-0.023717	-0.001710
	-0.035493	0.015799	-0.011077	-0.030339	-0.041825	-0.040481
	-0.049394	0.025381	0.006684	-0.007624	0.012070	0.031203
	-0.022286	-0.018543	-0.007430	0.006308	0.021139	-0.000661
	0.001323					
x376	-0.036004	-0.012614	-0.015012	0.003734	-0.032560	-0.051247
	-0.002246	0.028113	0.042512	-0.061667	0.027845	0.009340
	-0.020782	-0.062444	-0.028159	0.020847	-0.020975	-0.009005
	-0.015793	0.003201	-0.000022	0.007902	-0.007601	-0.009765
	0.005218	0.004015	0.055020	-0.031359	-0.026329	0.012714
	-0.024973					
y376	-0.019532	-0.020442	0.030714	0.007892	-0.051209	0.010455
	0.009607	-0.018735	-0.028923	0.004198	-0.003814	-0.030410
	0.019974	0.001769	-0.001944	-0.029588	0.017363	-0.010545
	0.016645	-0.018188	0.043777	0.022586	-0.020988	-0.021202
	-0.010558	0.008454	-0.019173	-0.030133	0.011757	0.024601
	0.001395					
z376	-0.025670	-0.019677	0.048842	-0.008430	-0.031917	0.011424
	0.005067	-0.010807	0.036542	0.017297	-0.025620	-0.002406
	-0.026993	0.017227	-0.007922	-0.029417	-0.033929	-0.046482
	-0.050424	0.023523	0.001178	-0.004770	0.012279	0.030495
	-0.032751	-0.014676	-0.018297	0.010656	0.021599	0.009916
	-0.006501					
x377	-0.034917	-0.008214	-0.014849	0.007144	-0.030541	-0.049944
	-0.001664	0.031350	0.033655	-0.056606	0.025601	0.006741
	-0.011267	-0.059451	-0.026285	0.022688	-0.017182	-0.016287
	-0.000964	0.004893	0.013203	0.014800	-0.001516	-0.022162
	0.000814	0.007176	0.029892	-0.022226	-0.028895	0.012369
	-0.037089					
y377	-0.016150	-0.015579	0.024866	0.010619	-0.048559	0.008489
	0.009388	-0.018710	-0.026824	0.003490	-0.004117	-0.030028
	0.015428	0.001716	-0.002888	-0.029724	0.016576	-0.005582
	0.015772	-0.020094	0.045978	0.027660	-0.024675	-0.024976
	-0.012983	0.016552	-0.019795	-0.026205	0.000632	0.024400
	0.001430					

z377	-0.027233	-0.020885	0.051205	-0.004556	-0.040068	0.014381
	0.004519	-0.013426	0.037130	0.014439	-0.030790	-0.004847
	-0.020347	0.023227	-0.005664	-0.033285	-0.024643	-0.047179
	-0.042603	0.018533	-0.005323	0.002861	0.013034	0.019807
	-0.037596	-0.009616	-0.020732	0.017872	0.020903	0.024820
	0.006325					
x378	-0.032163	-0.002313	-0.015534	0.012301	-0.026798	-0.049448
	-0.000636	0.033723	0.026101	-0.048017	0.027259	0.004716
	0.000382	-0.054415	-0.024859	0.028327	-0.011123	-0.026471
	0.013296	0.003881	0.022281	0.018174	0.002059	-0.025424
	-0.003447	0.013533	0.014997	-0.013206	-0.024162	0.007328
	-0.047370					
y378	-0.011731	-0.008761	0.017942	0.015160	-0.044075	0.005968
	0.009153	-0.016528	-0.026872	0.004205	-0.000458	-0.027001
	0.013457	0.002803	-0.005683	-0.026808	0.017128	-0.001661
	0.014137	-0.022284	0.046571	0.030818	-0.028758	-0.024720
	-0.012571	0.024528	-0.021700	-0.025149	-0.008648	0.022784
	-0.006896					
z378	-0.028548	-0.019979	0.053175	0.002442	-0.047631	0.016522
	0.002089	-0.014982	0.035212	0.015350	-0.029704	-0.004000
	-0.011037	0.027113	-0.007291	-0.031897	-0.010861	-0.050154
	-0.037828	0.009434	-0.010799	0.006085	0.014148	0.014082
	-0.039541	-0.000705	-0.023267	0.017298	0.023791	0.048285
	0.008838					
x379	-0.027963	0.004736	-0.017353	0.015253	-0.020151	-0.048983
	0.000185	0.034169	0.030562	-0.038851	0.030623	-0.000332
	0.003027	-0.052168	-0.027821	0.032219	-0.010299	-0.039993
	0.023508	0.000112	0.035680	0.009765	0.008977	-0.014881
	0.005315	-0.003323	0.014900	0.003528	-0.001137	0.004480
	-0.033635					
y379	-0.006174	-0.000436	0.009706	0.019626	-0.037308	0.002800
	0.008418	-0.012827	-0.025281	0.004172	0.004784	-0.022622
	0.010039	0.002934	-0.008460	-0.024635	0.015707	0.003412
	0.013739	-0.022887	0.048074	0.031188	-0.030702	-0.019602
	-0.004923	0.026138	-0.024820	-0.019958	-0.011985	0.012899
	-0.011914					
z379	-0.027729	-0.017584	0.052953	0.009109	-0.053478	0.017628
	-0.003709	-0.016242	0.031911	0.012718	-0.030716	-0.003438
	-0.004944	0.023780	-0.004203	-0.031273	0.005831	-0.045731
	-0.030441	0.000406	-0.012198	0.015698	0.015405	0.012675
	-0.040701	0.012576	-0.029783	0.015597	0.017410	0.040184
	0.002435					

x380	-0.024049	0.010332	-0.020516	0.015132	-0.017068	-0.049976
	-0.001303	0.030060	0.034864	-0.034099	0.028190	-0.002823
	0.000237	-0.051484	-0.027687	0.037225	-0.011344	-0.044619
	0.030292	-0.003911	0.038007	-0.003370	0.008902	-0.009553
	0.011605	-0.015964	0.008764	0.009940	0.011423	0.006931
	-0.024827					
y380	-0.002046	0.005795	0.003481	0.022933	-0.032243	-0.000006
	0.007780	-0.010723	-0.024341	0.003580	0.007408	-0.018767
	0.006777	0.002804	-0.009525	-0.022056	0.012306	0.006968
	0.014020	-0.021634	0.047361	0.028950	-0.032150	-0.016816
	0.001463	0.026713	-0.027083	-0.018717	-0.013017	0.008789
	-0.015660					
z380	-0.025439	-0.015456	0.050883	0.012135	-0.055045	0.017300
	-0.007097	-0.015875	0.035081	0.009576	-0.031870	-0.009188
	-0.001614	0.015668	-0.005742	-0.026778	0.010563	-0.047699
	-0.035505	0.001906	-0.006923	0.011595	0.023839	0.023439
	-0.034844	0.010188	-0.018327	0.006611	0.013651	0.045142
	0.000967					
x381	-0.019612	0.015202	-0.023391	0.016394	-0.015780	-0.048727
	0.001326	0.025063	0.028414	-0.027380	0.022536	-0.003462
	0.005681	-0.045725	-0.019704	0.042206	0.001078	-0.040251
	0.039346	-0.012872	0.033829	-0.001682	0.006689	-0.014921
	0.004186	-0.000959	-0.002185	0.000001	0.013101	-0.003052
	-0.033517					
y381	0.002341	0.011647	-0.002540	0.026585	-0.026964	-0.002326
	0.008252	-0.008084	-0.027327	0.002930	0.008540	-0.013886
	0.005045	0.004585	-0.008434	-0.017846	0.012135	0.011316
	0.014777	-0.019203	0.046023	0.028757	-0.034191	-0.016360
	0.002237	0.032112	-0.029858	-0.019776	-0.014621	0.001220
	-0.023012					
z381	-0.024734	-0.012180	0.049662	0.016437	-0.055363	0.019235
	-0.008341	-0.015836	0.039561	0.012559	-0.029446	-0.012857
	0.000579	0.010227	-0.009689	-0.021444	0.022884	-0.047773
	-0.036051	-0.001667	-0.002790	0.004335	0.039666	0.024658
	-0.039563	0.003978	0.003552	0.022686	0.025775	0.055536
	0.015310					
x382	-0.013216	0.018097	-0.026255	0.017482	-0.014134	-0.047437
	0.005429	0.018324	0.022327	-0.023523	0.017384	-0.006112
	0.008962	-0.040411	-0.012855	0.041394	0.011709	-0.038508
	0.047179	-0.020125	0.031683	0.005225	-0.000642	-0.017285
	0.000480	0.014559	-0.012981	-0.020553	0.013863	-0.019599
	-0.046198					

y382	0.006977	0.016794	-0.008499	0.029879	-0.021554	-0.004478
	0.009232	-0.005537	-0.030073	0.002285	0.008953	-0.010088
	0.002783	0.006348	-0.007711	-0.014418	0.012416	0.014545
	0.015315	-0.015274	0.044784	0.027229	-0.036353	-0.014823
	0.003781	0.039240	-0.030665	-0.023310	-0.013589	-0.005800
	-0.028980					
z382	-0.019381	-0.009120	0.046099	0.020466	-0.053248	0.016951
	-0.007626	-0.018507	0.044347	0.009912	-0.027084	-0.015358
	0.002518	0.009706	-0.011167	-0.022324	0.025744	-0.050158
	-0.035158	-0.005335	-0.000606	0.016115	0.035954	0.025970
	-0.033277	0.006379	0.004405	0.012604	0.021717	0.038093
	0.012019					
x383	-0.006435	0.019324	-0.027699	0.019015	-0.012180	-0.045063
	0.008863	0.011142	0.016897	-0.018947	0.013610	-0.009812
	0.012379	-0.035456	-0.008234	0.038156	0.021698	-0.036811
	0.053617	-0.026081	0.031115	0.007308	-0.001150	-0.016397
	-0.003858	0.026790	-0.019078	-0.038042	0.016172	-0.032380
	-0.056204					
y383	0.011605	0.020627	-0.013447	0.032886	-0.015012	-0.006116
	0.010090	-0.003193	-0.032093	0.001409	0.010148	-0.005557
	0.001782	0.009519	-0.007810	-0.013229	0.011104	0.017619
	0.016154	-0.009940	0.044146	0.026645	-0.036444	-0.009488
	0.002666	0.043901	-0.034114	-0.031516	-0.003613	-0.015818
	-0.036876					
z383	-0.014207	-0.004383	0.040080	0.027429	-0.051179	0.015964
	-0.010250	-0.020676	0.044679	0.010510	-0.025321	-0.019785
	0.003882	0.003494	-0.014520	-0.024053	0.031546	-0.051504
	-0.029744	-0.008501	-0.002121	0.013348	0.043645	0.025105
	-0.024973	0.010930	0.014343	0.009143	0.010571	0.029171
	0.007713					
x384	0.001078	0.018895	-0.026994	0.019692	-0.009033	-0.042218
	0.012246	0.003102	0.013224	-0.013850	0.012024	-0.014499
	0.014809	-0.029712	-0.006088	0.034680	0.028838	-0.036206
	0.056241	-0.029272	0.033580	0.004682	0.001144	-0.015638
	-0.008270	0.033510	-0.022928	-0.051338	0.024676	-0.039969
	-0.059775					
y384	0.016225	0.023520	-0.017543	0.035047	-0.008340	-0.007327
	0.010844	-0.001177	-0.033316	-0.000322	0.011792	-0.001857
	0.000415	0.012800	-0.009084	-0.012574	0.008813	0.019278
	0.017464	-0.002025	0.043894	0.027920	-0.034295	-0.002162
	-0.001102	0.049798	-0.038262	-0.042809	0.009893	-0.029413
	-0.045514					

z384	-0.008190	0.000639	0.034307	0.033666	-0.046929	0.013568
	-0.013227	-0.023820	0.043964	0.014918	-0.022506	-0.024973
	0.002755	-0.002697	-0.018363	-0.024880	0.038648	-0.054474
	-0.027874	-0.013874	-0.002034	0.001312	0.052358	0.018565
	-0.012911	0.008167	0.024288	0.011455	0.010967	0.029495
	0.008494					
x385	0.008595	0.017916	-0.023686	0.019624	-0.005187	-0.038363
	0.016492	-0.005122	0.013733	-0.009372	0.009292	-0.019170
	0.018275	-0.025519	-0.004099	0.035164	0.033256	-0.034847
	0.056312	-0.032718	0.034955	0.004654	0.004321	-0.014259
	-0.011801	0.035686	-0.023380	-0.057113	0.027894	-0.045142
	-0.053180					
y385	0.021980	0.025037	-0.021099	0.036361	-0.002486	-0.009152
	0.011223	0.000372	-0.033387	-0.002351	0.012119	-0.000890
	-0.001325	0.016025	-0.011800	-0.012667	0.004655	0.017904
	0.017402	0.007090	0.044054	0.026360	-0.029441	0.006357
	-0.005553	0.052598	-0.037764	-0.053536	0.021296	-0.035388
	-0.054795					
z385	-0.002956	0.008076	0.029531	0.037989	-0.040837	0.011469
	-0.012987	-0.026818	0.049880	0.019665	-0.026078	-0.029718
	0.003136	-0.011544	-0.017183	-0.014461	0.046075	-0.051513
	-0.027147	-0.023616	-0.010557	0.003490	0.057847	0.013000
	0.000660	0.008596	0.030470	0.022095	0.005084	0.018658
	0.026304					
x386	0.017006	0.015568	-0.020443	0.019196	-0.002072	-0.035983
	0.019935	-0.012889	0.013909	-0.005983	0.009367	-0.023631
	0.023997	-0.017308	-0.003387	0.035050	0.031082	-0.033489
	0.051909	-0.028405	0.040114	-0.004479	0.008593	-0.009891
	-0.017003	0.036998	-0.025924	-0.060857	0.028878	-0.040549
	-0.051029					
y386	0.027808	0.026158	-0.022403	0.036885	0.004328	-0.009798
	0.011567	0.001411	-0.031307	-0.004267	0.011110	0.000530
	-0.005013	0.018026	-0.016735	-0.011435	-0.000464	0.014680
	0.017229	0.014681	0.043958	0.027764	-0.022023	0.012715
	-0.011088	0.050861	-0.031397	-0.057720	0.029748	-0.039475
	-0.052297					
z386	0.004317	0.015334	0.019613	0.042383	-0.036846	0.004760
	-0.014333	-0.028813	0.048024	0.022364	-0.023939	-0.034552
	0.007371	-0.012555	-0.014589	-0.011621	0.049167	-0.049228
	-0.029314	-0.022260	-0.015408	-0.007137	0.060328	0.013495
	0.011995	0.016756	0.022645	0.017745	-0.003172	0.017140
	0.011499					

x387	0.024376	0.011882	-0.014089	0.019486	0.002714	-0.031441
	0.022885	-0.018042	0.015373	-0.002918	0.008190	-0.025591
	0.030169	-0.012074	-0.004699	0.038360	0.028482	-0.031805
	0.048050	-0.022370	0.043757	-0.013660	0.012361	-0.010199
	-0.023756	0.028591	-0.021714	-0.051610	0.025198	-0.028692
	-0.036785					
y387	0.034781	0.026675	-0.023193	0.036626	0.009494	-0.012042
	0.010948	0.001654	-0.027873	-0.003834	0.008144	-0.001822
	-0.007739	0.020989	-0.023510	-0.011871	-0.004223	0.009783
	0.013816	0.020828	0.042133	0.023564	-0.009014	0.021063
	-0.015704	0.046047	-0.023675	-0.058965	0.028158	-0.032299
	-0.051551					
z387	0.009725	0.022244	0.011428	0.046111	-0.028654	0.002515
	-0.015497	-0.027162	0.043258	0.022433	-0.021635	-0.030659
	0.008398	-0.017919	-0.011923	-0.003642	0.052194	-0.045432
	-0.024088	-0.016484	-0.018600	-0.010432	0.056929	0.008061
	0.015495	0.014795	0.023964	0.028341	-0.002969	0.014893
	0.017040					
x388	0.030026	0.007346	-0.004929	0.018409	0.004650	-0.025372
	0.025177	-0.022068	0.015854	-0.002392	0.005228	-0.028520
	0.034769	-0.018819	-0.004163	0.034684	0.033126	-0.025400
	0.037671	-0.021251	0.026071	-0.018671	0.016937	-0.019086
	-0.021469	0.011723	-0.009363	-0.037025	0.010645	-0.016668
	-0.012492					
y388	0.040048	0.028908	-0.021304	0.032456	0.012353	-0.010312
	0.010151	0.001990	-0.023031	-0.002192	-0.001922	-0.003176
	-0.011648	0.011746	-0.026047	-0.013454	0.006458	0.009076
	0.005272	0.016306	0.016750	0.031434	0.009478	0.017570
	-0.018392	0.032915	-0.003951	-0.040650	0.014130	-0.023017
	-0.023549					
z388	0.015728	0.026998	0.001968	0.047701	-0.019108	-0.001338
	-0.016263	-0.025288	0.036098	0.018642	-0.014874	-0.031414
	0.008937	-0.021889	-0.008516	-0.001084	0.045653	-0.043375
	-0.019161	-0.002889	-0.013743	-0.014970	0.044837	0.009710
	0.020682	0.012787	0.020396	0.018782	0.001077	0.009113
	0.004161					
x389	0.032949	-0.000451	0.011628	0.017283	0.007844	-0.015208
	0.027776	-0.025229	0.016439	-0.003469	0.009763	-0.020419
	0.046787	-0.023304	-0.004716	0.030578	0.033234	-0.014290
	0.026603	-0.020118	0.013138	-0.016869	0.012555	-0.021326
	-0.014052	0.013425	-0.002069	-0.021892	0.002281	-0.001574
	0.003153					

y389	0.045579	0.026155	-0.014658	0.024451	0.016756	-0.004312
	0.008347	0.001669	-0.021169	-0.003188	-0.000792	0.005401
	-0.010042	0.001758	-0.027691	-0.021570	0.013337	0.005054
	-0.001011	0.016467	-0.001409	0.049400	0.014767	0.025695
	-0.016874	0.043060	0.008073	-0.034721	-0.000859	-0.001364
	-0.018830					
z389	0.021205	0.032589	-0.005793	0.043652	-0.011325	-0.009693
	-0.014018	-0.022335	0.034751	0.017705	-0.009019	-0.028387
	0.014266	-0.020299	-0.004101	0.001375	0.040012	-0.035125
	-0.017254	0.010588	-0.011363	-0.015896	0.042526	0.011437
	0.024467	0.010105	0.020514	0.019795	0.007883	-0.001112
	0.009362					
x390	0.032127	-0.007736	0.028261	0.019113	0.012797	-0.006366
	0.030549	-0.025355	0.016713	-0.006381	0.016277	-0.012991
	0.055383	-0.024730	-0.006446	0.028396	0.027357	-0.004078
	0.016651	-0.018495	0.009198	-0.013247	0.003420	-0.020467
	-0.007354	0.012799	0.001808	-0.013066	-0.003080	0.010609
	0.010508					
y390	0.052514	0.022675	-0.011010	0.018051	0.022501	-0.004389
	0.006700	0.000744	-0.014781	-0.002740	0.005846	0.009323
	-0.005472	0.007954	-0.032170	-0.027553	0.009179	-0.000317
	-0.006582	0.032987	0.006742	0.054290	0.014945	0.042634
	-0.026146	0.055830	0.012294	-0.032195	-0.002057	0.013686
	-0.024149					
z390	0.023105	0.036868	-0.008484	0.035869	0.000349	-0.011107
	-0.007779	-0.016356	0.032313	0.013046	-0.004490	-0.024940
	0.014014	-0.021953	0.002128	0.003278	0.029468	-0.028961
	-0.016674	0.014913	-0.013894	0.001721	0.032698	0.017471
	0.024180	0.003385	0.019921	0.018273	0.011944	-0.005453
	0.019115					
x391	0.029071	-0.015512	0.044531	0.022913	0.016974	0.000487
	0.032282	-0.024823	0.017388	-0.007510	0.022596	-0.005158
	0.062173	-0.025179	-0.008916	0.028928	0.021167	0.003995
	0.010818	-0.017230	0.009424	-0.012985	-0.004254	-0.021637
	0.003597	0.011058	0.005927	-0.005641	-0.007051	0.017069
	0.011607					
y391	0.057631	0.019415	-0.007213	0.013661	0.027769	-0.005244
	0.005769	0.000148	-0.006008	-0.001561	0.012657	0.010868
	-0.002185	0.014241	-0.035663	-0.031103	0.003467	-0.006715
	-0.013808	0.051246	0.023716	0.049532	0.014429	0.054946
	-0.038027	0.061698	0.021211	-0.025661	-0.002158	0.020663
	-0.027909					

z391	0.023247	0.037450	-0.008515	0.025758	0.009771	-0.012945
	-0.002403	-0.009981	0.031579	0.010530	0.000045	-0.019733
	0.011377	-0.019655	0.009256	0.001733	0.022088	-0.026953
	-0.010168	0.020931	-0.013110	0.022926	0.027577	0.023016
	0.025659	-0.003231	0.018306	0.015727	0.011685	-0.015764
	0.013503					
x392	0.026108	-0.023008	0.058022	0.026954	0.020371	0.004233
	0.033932	-0.025293	0.019112	-0.007705	0.029016	0.000003
	0.067880	-0.025040	-0.015611	0.030701	0.016059	0.009746
	0.010090	-0.021275	0.008437	-0.017927	-0.017061	-0.023731
	0.014042	0.010337	0.012037	0.001999	-0.008529	0.025095
	0.013104					
y392	0.060682	0.015911	-0.001394	0.011155	0.032545	-0.005502
	0.006737	0.000338	0.002901	-0.000035	0.019307	0.012194
	0.000309	0.018131	-0.039361	-0.030472	-0.004418	-0.013872
	-0.019394	0.067663	0.044336	0.036687	0.013481	0.058785
	-0.047362	0.062764	0.036036	-0.015089	-0.000020	0.019313
	-0.028465					
z392	0.020994	0.036264	-0.006522	0.015555	0.019580	-0.014910
	0.004852	-0.002915	0.034869	0.004407	0.005468	-0.017853
	0.009902	-0.010736	0.009543	-0.003151	0.022823	-0.023368
	-0.005991	0.024358	-0.010838	0.031234	0.007479	0.026069
	0.009405	-0.004909	0.011514	0.018131	0.010117	-0.024485
	0.007750					
x393	0.018089	-0.023997	0.062095	0.029015	0.017831	0.009175
	0.030450	-0.022931	0.015000	-0.011637	0.028523	0.000739
	0.065342	-0.022234	-0.010249	0.027309	0.008321	0.017105
	0.010933	-0.024561	0.008787	-0.014948	-0.018173	-0.023663
	0.021634	0.004949	0.010512	0.004395	-0.007061	0.030393
	0.012940					
y393	0.060607	0.012423	0.004970	0.010300	0.035081	-0.003905
	0.005724	0.002447	0.010416	-0.000112	0.023367	0.013421
	-0.000030	0.021672	-0.039922	-0.024204	-0.009803	-0.017670
	-0.020699	0.075668	0.063109	0.022516	0.013722	0.057480
	-0.050627	0.061065	0.046410	-0.009900	0.001818	0.011641
	-0.027301					
z393	0.017497	0.032568	-0.002578	0.005894	0.024673	-0.015648
	0.008337	0.002522	0.039463	-0.001211	0.014196	-0.015075
	0.010156	-0.005559	0.015402	-0.002895	0.019366	-0.021662
	0.000263	0.027631	0.003284	0.029000	-0.008922	0.032482
	0.005941	-0.000725	0.007843	0.019677	0.016297	-0.023248
	0.009756					

x394	0.005967	-0.018807	0.057236	0.028976	0.012251	0.016701
	0.025604	-0.018044	0.004918	-0.017678	0.020034	-0.004076
	0.057065	-0.015757	0.002703	0.014606	-0.000862	0.023703
	0.009922	-0.022408	0.005112	-0.006746	-0.013557	-0.029436
	0.019655	-0.004350	0.001847	0.007521	-0.005126	0.029915
	0.011312					
y394	0.057238	0.010222	0.010248	0.010044	0.035623	0.002133
	0.004200	0.006744	0.012879	-0.003787	0.023708	0.014665
	0.000175	0.023129	-0.033037	-0.021467	-0.014287	-0.018831
	-0.022165	0.079358	0.072629	0.007230	0.014520	0.044066
	-0.052431	0.058418	0.053705	-0.005068	0.002601	-0.000344
	-0.021339					
z394	0.011901	0.028413	0.003782	-0.003484	0.032356	-0.012525
	0.012939	0.008042	0.046885	-0.004239	0.020356	-0.013311
	0.004952	-0.002533	0.016397	-0.006046	0.013556	-0.022195
	0.008712	0.020938	0.010940	0.023395	-0.028433	0.022355
	-0.003208	0.002789	0.013162	0.022618	0.017244	-0.029092
	0.011452					
x395	-0.003291	-0.013457	0.047159	0.027329	0.005679	0.018772
	0.021423	-0.015917	-0.002940	-0.018966	0.012115	-0.011169
	0.049768	-0.008780	0.010922	0.003014	-0.009613	0.027077
	0.011132	-0.018325	0.001915	0.001143	-0.011839	-0.030866
	0.019644	-0.011963	-0.004833	0.008041	-0.004534	0.032910
	0.004174					
y395	0.052222	0.008857	0.014637	0.009383	0.031753	0.010409
	0.000577	0.011556	0.011843	-0.009630	0.021238	0.015610
	-0.003729	0.021707	-0.023954	-0.017927	-0.014755	-0.016130
	-0.017653	0.072419	0.074539	-0.003149	0.017192	0.030094
	-0.048744	0.049779	0.054958	-0.007146	0.002250	-0.014096
	-0.014161					
z395	0.006695	0.025969	0.010642	-0.014789	0.034277	-0.008129
	0.016605	0.014652	0.054408	-0.006804	0.028235	-0.010393
	0.001405	0.000514	0.018862	-0.011313	0.010126	-0.016720
	0.014513	0.013697	0.010434	0.019146	-0.039428	0.009542
	-0.012798	0.008643	0.013789	0.021490	0.017545	-0.026189
	0.006436					
x396	-0.011045	-0.008792	0.033293	0.025880	-0.000707	0.014986
	0.018207	-0.017152	-0.009036	-0.016795	0.003727	-0.020469
	0.043782	-0.000523	0.011739	-0.006681	-0.015277	0.025943
	0.010014	-0.010367	0.001704	0.007194	-0.014312	-0.025038
	0.019410	-0.020804	-0.010285	0.010977	-0.002815	0.033484
	-0.006745					

y396	0.046492	0.006470	0.018870	0.008377	0.024673	0.019766
	-0.003513	0.015817	0.007559	-0.016185	0.018088	0.018245
	-0.008915	0.016586	-0.013215	-0.015263	-0.010503	-0.009996
	-0.010457	0.059434	0.066141	-0.011241	0.018626	0.010431
	-0.039704	0.040050	0.051089	-0.014789	0.000795	-0.023509
	-0.004458					
z396	-0.000722	0.026433	0.015613	-0.022091	0.032724	-0.004907
	0.018414	0.015624	0.061610	-0.013762	0.031735	-0.007608
	-0.011952	0.002422	0.017737	-0.027539	0.007137	-0.014135
	0.017599	0.007494	0.017625	0.012102	-0.045454	-0.009273
	-0.020763	0.012503	0.017627	0.029988	0.022201	-0.020861
	0.011264					
x397	-0.017478	-0.004569	0.016627	0.024182	-0.005826	0.002400
	0.015153	-0.022346	-0.013984	-0.011088	-0.006464	-0.033069
	0.039284	0.007667	0.003505	-0.017689	-0.014626	0.022106
	0.004816	0.004071	0.006259	0.011261	-0.025850	-0.010915
	0.017755	-0.033776	-0.015360	0.017025	-0.001186	0.022162
	-0.025194					
y397	0.040006	0.000732	0.023786	0.009255	0.015615	0.034342
	-0.005461	0.021168	0.002866	-0.024768	0.018681	0.024529
	-0.012688	0.010299	0.002159	-0.004741	-0.006269	-0.006280
	0.001659	0.035163	0.043822	-0.020716	0.027388	-0.006316
	-0.027287	0.035662	0.038103	-0.024762	0.001287	-0.012964
	0.005688					
z397	-0.008266	0.030314	0.018085	-0.027116	0.033128	-0.004788
	0.019155	0.012324	0.062288	-0.018052	0.035130	0.000829
	-0.020895	-0.001594	0.020921	-0.040577	0.000444	-0.013129
	0.023529	-0.001361	0.022337	0.001399	-0.038296	-0.030626
	-0.023668	0.009474	0.018914	0.024878	0.024453	-0.022759
	0.013523					
x398	-0.021950	-0.004684	0.002611	0.019671	-0.011666	-0.013872
	0.016980	-0.019039	-0.022509	-0.007285	-0.004524	-0.039780
	0.030476	0.007306	0.007829	-0.019453	-0.012203	0.015005
	0.002901	0.016834	0.010098	0.009041	-0.026344	-0.008190
	0.015929	-0.043981	-0.024717	0.023388	0.006784	0.026848
	-0.027662					
y398	0.029217	-0.000779	0.019766	0.011423	0.006468	0.042545
	-0.013385	0.013942	0.000784	-0.027513	0.003900	0.017182
	-0.009074	0.010186	-0.004771	-0.006895	0.000379	0.001040
	0.001941	0.020109	0.017100	-0.018570	0.016828	0.003105
	-0.014512	0.020443	0.034810	-0.029403	0.000702	-0.022733
	-0.001212					

z398	-0.014854	0.032835	0.017847	-0.026713	0.023313	-0.004818
	0.018077	0.003103	0.060636	-0.023613	0.030700	-0.000246
	-0.027570	-0.004921	0.021999	-0.041555	-0.004281	-0.016695
	0.021810	0.001017	0.028931	-0.019325	-0.031256	-0.033637
	-0.022674	-0.002694	0.023826	0.029788	0.026521	-0.027786
	0.018883					
x399	-0.025175	-0.005899	-0.007133	0.016138	-0.016406	-0.027918
	0.020017	-0.016029	-0.027090	-0.006891	0.000534	-0.041142
	0.023099	0.008180	0.009581	-0.015830	-0.011905	0.006623
	0.001821	0.024621	0.014892	0.005489	-0.017216	0.002262
	0.009356	-0.047594	-0.030589	0.025825	0.011573	0.035868
	-0.028913					
y399	0.020903	-0.001453	0.015798	0.012680	0.000591	0.041859
	-0.021689	0.005744	-0.002125	-0.029662	-0.006764	0.008577
	-0.005486	0.007809	-0.015064	-0.014581	0.011917	0.008273
	-0.004606	0.013999	-0.006336	-0.018461	-0.002936	0.014428
	-0.003632	0.005480	0.030408	-0.023750	0.002878	-0.039191
	-0.012932					
z399	-0.022003	0.034165	0.017963	-0.023135	0.013947	-0.000352
	0.019716	-0.008085	0.054781	-0.027292	0.027552	-0.001061
	-0.032549	-0.002422	0.015905	-0.028739	-0.007620	-0.022974
	0.020272	-0.001774	0.022077	-0.038162	-0.025674	-0.032296
	-0.025006	-0.010807	0.032833	0.032035	0.029115	-0.018611
	0.032770					
x400	-0.026741	-0.006464	-0.013624	0.012959	-0.017897	-0.038949
	0.023044	-0.015148	-0.029458	-0.007505	0.006555	-0.040765
	0.020129	0.008163	0.007626	-0.011707	-0.011723	-0.000287
	-0.001520	0.031525	0.019020	0.000277	-0.010133	0.013729
	-0.000088	-0.046709	-0.029107	0.028001	0.011389	0.037172
	-0.028012					
y400	0.013992	-0.001097	0.013772	0.012707	-0.003886	0.035177
	-0.029219	-0.001730	-0.004390	-0.032711	-0.014316	0.003336
	-0.003218	0.004816	-0.024835	-0.021830	0.023858	0.015722
	-0.013783	0.010723	-0.023590	-0.020447	-0.020694	0.026068
	0.005354	-0.007355	0.024450	-0.013046	0.005841	-0.052881
	-0.024581					
z400	-0.025079	0.034148	0.017462	-0.015796	0.005207	0.004140
	0.022247	-0.015225	0.049328	-0.028409	0.023477	-0.005457
	-0.032930	0.005671	0.008116	-0.024856	-0.012002	-0.022462
	0.029059	-0.004338	0.013797	-0.035124	-0.011720	-0.019293
	-0.012758	-0.003198	0.030506	0.015687	0.020432	-0.019035
	0.036749					

x401	-0.027800	-0.007176	-0.017073	0.010001	-0.016470	-0.044078
	0.024538	-0.016203	-0.028401	-0.007163	0.011990	-0.037604
	0.020410	0.006896	0.003828	-0.008030	-0.011132	-0.003650
	-0.005112	0.034960	0.021652	-0.003963	-0.004517	0.023686
	-0.010652	-0.040784	-0.020570	0.027985	0.006705	0.033470
	-0.021222					
y401	0.008604	0.000553	0.014197	0.011251	-0.004813	0.023861
	-0.034530	-0.008680	-0.008873	-0.036203	-0.019482	0.001225
	0.001195	-0.001542	-0.033086	-0.027967	0.035748	0.024071
	-0.029193	0.010230	-0.031106	-0.026237	-0.036976	0.040104
	0.013504	-0.018263	0.019435	-0.001832	0.003011	-0.072175
	-0.035686					
z401	-0.025637	0.032354	0.018563	-0.005871	-0.003862	0.007644
	0.022128	-0.022424	0.047524	-0.027246	0.021463	-0.008241
	-0.031105	0.020114	-0.005950	-0.018378	-0.019318	-0.015257
	0.041031	-0.007448	0.000255	-0.034158	-0.007234	-0.002505
	-0.005402	0.005968	0.030682	0.005263	0.015999	-0.029856
	0.039014					
x402	-0.029377	-0.008778	-0.020253	0.008273	-0.014659	-0.041969
	0.025392	-0.016014	-0.023075	-0.006105	0.017402	-0.034497
	0.021027	0.008297	0.001292	-0.003674	-0.011803	-0.005007
	0.000411	0.033873	0.021573	-0.003034	0.003277	0.025784
	-0.022578	-0.029748	-0.009517	0.023628	0.003618	0.037880
	-0.005536					
y402	0.001369	0.000432	0.009591	0.009596	-0.008640	0.013017
	-0.032241	-0.010805	-0.011803	-0.035441	-0.019844	-0.002740
	0.001798	-0.000732	-0.031340	-0.029624	0.037529	0.023092
	-0.029281	0.007368	-0.030326	-0.021738	-0.035944	0.044648
	0.016178	-0.018895	0.012112	0.006992	0.004463	-0.068412
	-0.034902					
z402	-0.026300	0.031792	0.016743	0.004346	-0.012352	0.010057
	0.020076	-0.024906	0.037829	-0.024129	0.015306	-0.010966
	-0.025835	0.024665	-0.007291	-0.005215	-0.018811	-0.019848
	0.034316	-0.008468	-0.009302	-0.030755	-0.001610	0.004599
	-0.006992	-0.004920	0.017201	0.002363	0.007328	-0.020353
	0.035835					
x403	-0.029482	-0.009410	-0.019921	0.006918	-0.009263	-0.035636
	0.022897	-0.016621	-0.016418	-0.004679	0.020468	-0.028566
	0.022910	0.005881	-0.003768	-0.001655	-0.009645	-0.001959
	0.005850	0.030117	0.017461	-0.006737	0.005785	0.026234
	-0.029976	-0.020459	0.002885	0.016969	0.003156	0.037350
	0.010031					

y403	-0.008279	-0.002015	-0.000041	0.007911	-0.014051	0.006206
	-0.022948	-0.009211	-0.013487	-0.029280	-0.015958	-0.008883
	0.000553	0.004545	-0.019576	-0.028223	0.031690	0.010771
	-0.016744	0.001275	-0.025547	-0.008910	-0.019994	0.037084
	0.012087	-0.009239	0.005364	0.014882	0.008722	-0.041454
	-0.021206					
z403	-0.024685	0.030702	0.015026	0.014958	-0.022859	0.010645
	0.017414	-0.026957	0.020767	-0.020393	0.007276	-0.013346
	-0.014446	0.021425	-0.007458	0.009539	-0.016397	-0.025564
	0.025133	-0.011739	-0.011630	-0.026640	0.006015	0.018885
	-0.001606	-0.016229	0.012293	-0.012813	0.004901	-0.007546
	0.031294					
x404	-0.027390	-0.008479	-0.016414	0.004981	-0.001671	-0.028543
	0.015487	-0.017948	-0.006575	-0.005424	0.021269	-0.020952
	0.020788	0.002805	-0.010928	0.001917	-0.004020	0.007531
	0.013525	0.027554	0.011372	-0.011629	0.002385	0.026530
	-0.026848	-0.014056	0.012180	0.011985	-0.000293	0.027938
	0.020837					
y404	-0.016707	-0.004430	-0.006478	0.004662	-0.014315	-0.000996
	-0.015358	-0.007684	-0.012393	-0.023704	-0.010841	-0.011562
	0.001748	0.004812	-0.009922	-0.028804	0.029247	0.004869
	-0.007564	-0.004171	-0.019938	-0.004712	-0.006901	0.033214
	0.011558	0.001329	0.004181	0.022211	0.006561	-0.027123
	-0.006473					
z404	-0.019844	0.027408	0.013487	0.023797	-0.033454	0.007292
	0.017178	-0.025567	0.008662	-0.019813	0.003077	-0.020093
	-0.006842	0.024578	-0.010398	0.018606	-0.012037	-0.025357
	0.027978	-0.004630	-0.012167	-0.016289	0.010765	0.012730
	0.005943	-0.019001	0.017975	-0.019739	-0.009470	-0.002941
	0.043444					
x405	-0.023191	-0.006422	-0.011696	0.003936	0.005473	-0.022450
	0.006851	-0.020086	0.004697	-0.006811	0.018989	-0.013345
	0.014705	0.000755	-0.018050	0.004479	0.000243	0.020240
	0.022774	0.023063	0.007410	-0.016311	-0.003514	0.024861
	-0.019990	-0.007916	0.013775	0.010490	0.000113	0.014899
	0.026932					
y405	-0.023965	-0.006291	-0.009943	-0.000642	-0.010311	-0.009544
	-0.009906	-0.005568	-0.007832	-0.019200	-0.005139	-0.010604
	0.003449	0.003528	-0.002694	-0.029754	0.028431	0.003668
	0.001286	-0.008349	-0.013440	-0.006918	0.003036	0.032330
	0.013516	0.010439	0.002179	0.030156	0.003277	-0.021210
	0.004167					

z405	-0.012434	0.023007	0.012145	0.034112	-0.042283	0.001119
	0.016091	-0.026233	0.000082	-0.020561	-0.000940	-0.026807
	0.000960	0.025816	-0.016038	0.021124	-0.015098	-0.021162
	0.024353	-0.005493	-0.013404	-0.004504	0.012302	0.009812
	0.009202	-0.021872	0.024738	-0.025966	-0.019250	-0.000269
	0.055441					
x406	-0.018090	-0.002924	-0.007974	0.001670	0.010452	-0.016943
	-0.000964	-0.023353	0.013231	-0.004026	0.015409	-0.006151
	0.003758	-0.000918	-0.018096	0.009775	0.003205	0.025958
	0.028762	0.015295	0.009178	-0.019299	-0.011348	0.019480
	-0.015621	-0.006240	0.005902	0.011950	0.002513	0.011978
	0.022392					
y406	-0.030528	-0.007293	-0.010847	-0.008375	-0.004040	-0.019625
	-0.006288	-0.002353	-0.001372	-0.014030	0.001808	-0.006290
	0.004004	0.002295	0.006015	-0.027541	0.026988	0.004384
	0.011084	-0.011795	-0.002682	-0.013230	0.011833	0.033857
	0.017248	0.017081	-0.003473	0.037714	0.001456	-0.016921
	0.007532					
z406	-0.004360	0.019114	0.010081	0.040074	-0.049020	-0.006229
	0.011437	-0.026861	-0.006531	-0.012618	-0.004443	-0.031090
	0.004924	0.022272	-0.016360	0.022251	-0.017292	-0.023906
	0.002075	-0.008067	-0.016041	0.007484	0.016604	0.014069
	-0.003943	-0.032935	0.026315	-0.028219	-0.023370	0.018164
	0.050190					
x407	-0.013292	-0.002036	-0.008800	0.003877	0.016328	-0.006737
	-0.005687	-0.025423	0.013711	0.000145	0.008297	-0.000597
	0.001265	-0.000968	-0.018730	0.024524	0.008174	0.035194
	0.030037	0.015947	0.011804	-0.015697	-0.005135	0.021516
	-0.014393	-0.015501	0.013697	0.019692	0.010398	0.001720
	0.019827					
y407	-0.035096	-0.008816	-0.012731	-0.011560	0.004208	-0.022543
	-0.003676	0.001680	-0.000914	-0.009261	0.004639	-0.000950
	0.009783	0.002378	0.010067	-0.013927	0.027723	0.011114
	0.018245	-0.005651	0.007034	-0.013999	0.031137	0.044139
	0.019312	0.007872	0.002948	0.045618	0.007961	-0.023261
	0.004528					
z407	0.003331	0.015611	0.009901	0.042894	-0.051741	-0.014390
	0.005077	-0.027372	-0.003901	-0.006367	-0.006181	-0.033400
	-0.000644	0.018321	-0.016878	0.011681	-0.013071	-0.018823
	-0.013767	-0.017129	-0.014471	0.012593	0.013586	0.011649
	-0.010326	-0.031186	0.019629	-0.022808	-0.040053	0.011315
	0.057922					

x408	-0.008896	-0.001734	-0.010606	0.005756	0.022685	0.002600
	-0.008305	-0.027923	0.016205	0.005988	0.000998	0.003437
	-0.001624	-0.002122	-0.021122	0.031345	0.009134	0.042083
	0.032520	0.016903	0.012226	-0.009338	0.000327	0.018135
	-0.017844	-0.020616	0.024964	0.019665	0.014508	-0.007084
	0.015419					
y408	-0.038910	-0.009770	-0.014277	-0.014159	0.012767	-0.025294
	-0.001910	0.004351	0.002666	-0.006229	0.008742	0.003990
	0.010637	0.000753	0.010307	-0.004864	0.027157	0.017818
	0.024752	0.002983	0.016142	-0.015394	0.051103	0.050640
	0.020092	0.002721	0.007707	0.045491	0.016298	-0.036576
	0.003744					
z408	0.010566	0.013584	0.009318	0.042746	-0.050984	-0.024463
	-0.000877	-0.025513	-0.002901	0.002787	-0.008048	-0.030925
	-0.005696	0.010726	-0.013595	-0.001361	-0.021265	-0.013912
	-0.026542	-0.014751	-0.011304	0.011578	0.013136	0.011007
	-0.017402	-0.024296	0.015988	-0.016486	-0.056251	0.015267
	0.044518					
x409	-0.004371	-0.002279	-0.011833	0.007745	0.028399	0.012024
	-0.008766	-0.031225	0.020297	0.011302	-0.005946	0.005231
	-0.001613	0.001061	-0.025920	0.032906	0.010147	0.049893
	0.038659	0.015126	0.009035	0.001113	0.000527	0.013288
	-0.027210	-0.021108	0.035876	0.015454	0.019809	-0.015286
	0.011388					
y409	-0.041624	-0.010270	-0.016128	-0.016102	0.020125	-0.027238
	-0.000990	0.004280	0.008006	-0.006295	0.013944	0.008047
	0.009232	0.001813	0.006769	0.000507	0.027156	0.024138
	0.030397	0.009099	0.027154	-0.016243	0.065945	0.056250
	0.019427	-0.001875	0.006597	0.037018	0.026843	-0.052649
	0.006674					
z409	0.018125	0.011568	0.010352	0.043398	-0.048098	-0.032102
	-0.004134	-0.024429	0.000413	0.007930	-0.006774	-0.029184
	-0.007347	0.011011	-0.014305	-0.012080	-0.021862	-0.003076
	-0.031467	-0.013731	-0.014892	0.014605	0.015672	0.005448
	-0.038687	-0.006768	0.007602	-0.012025	-0.047109	0.012792
	0.025444					
x410	-0.000584	-0.004208	-0.012285	0.009241	0.033538	0.022642
	-0.006973	-0.034310	0.024949	0.018215	-0.014440	0.004255
	0.000641	0.007933	-0.026963	0.033576	0.010181	0.057022
	0.047056	0.011115	0.001595	0.018127	-0.006552	0.003783
	-0.033031	-0.022366	0.054580	0.011175	0.019514	-0.016608
	0.011349					

y410	-0.044122	-0.012610	-0.018914	-0.018344	0.026082	-0.028142
	-0.000125	0.002199	0.014312	-0.005149	0.020315	0.008283
	0.005457	0.005382	0.003458	0.006912	0.028805	0.026138
	0.035573	0.011242	0.034630	-0.015281	0.071040	0.057988
	0.019888	-0.005264	0.003515	0.023615	0.029180	-0.068187
	0.010195					
z410	0.022462	0.007244	0.010731	0.040564	-0.043183	-0.038516
	-0.007351	-0.022714	0.005808	0.012735	-0.003139	-0.029906
	-0.012563	0.010520	-0.005024	-0.016783	-0.020723	-0.001075
	-0.033377	-0.014838	-0.017278	0.015936	0.011018	-0.005999
	-0.032335	0.009954	0.003851	-0.001398	-0.055695	0.011960
	0.020292					
x411	0.006431	-0.002122	-0.007424	0.007968	0.028851	0.022606
	-0.012844	-0.034035	0.024476	0.016322	-0.017614	0.004534
	-0.004231	0.008696	-0.019865	0.030676	0.008430	0.051700
	0.044829	0.004216	-0.001997	0.019537	-0.011605	-0.007889
	-0.033014	-0.018618	0.053601	0.010966	0.016837	-0.009962
	0.011506					
y411	-0.045408	-0.015177	-0.021366	-0.019186	0.031362	-0.025613
	0.001659	-0.003551	0.018540	-0.001605	0.024060	0.009082
	0.003857	0.010742	-0.003766	0.010728	0.029855	0.029046
	0.039906	0.009544	0.039761	-0.009773	0.068890	0.056577
	0.014686	-0.009156	0.002004	0.002420	0.032549	-0.075653
	0.012293					
z411	0.026027	0.004157	0.007629	0.037362	-0.032996	-0.044504
	-0.010148	-0.024138	0.008580	0.018908	0.002574	-0.024929
	-0.014465	0.008125	-0.000646	-0.023031	-0.018301	0.003305
	-0.027717	-0.015602	-0.021576	0.013188	0.006885	-0.013719
	-0.030509	0.017171	-0.000444	0.005432	-0.044468	0.012187
	0.008195					
x412	0.016871	0.004483	0.003549	0.003061	0.014599	0.011224
	-0.025602	-0.029029	0.020697	0.003667	-0.017098	0.004848
	-0.016139	0.005663	-0.004760	0.024336	0.006530	0.035754
	0.031393	-0.002970	0.000201	0.005253	-0.012725	-0.021513
	-0.026920	-0.010716	0.035328	0.017234	0.006480	-0.001704
	0.014237					
y412	-0.043297	-0.016593	-0.020489	-0.019680	0.030891	-0.023480
	0.000323	-0.010033	0.020330	0.000119	0.025484	0.008942
	0.000302	0.014625	-0.009455	0.015008	0.028870	0.028537
	0.036742	0.005271	0.041355	-0.006746	0.061559	0.050600
	0.008238	-0.011841	-0.003597	-0.018768	0.033877	-0.069964
	0.015053					

z412	0.027624	0.002219	0.002975	0.032207	-0.018427	-0.046226
	-0.009922	-0.025434	0.015537	0.022242	0.002633	-0.019343
	-0.015898	0.009915	0.000608	-0.026941	-0.009110	0.013888
	-0.018822	-0.010083	-0.023241	0.008012	0.001959	-0.020862
	-0.036318	0.010668	0.002490	0.018659	-0.023432	-0.000937
	0.001691					
x413	0.026536	0.011829	0.015773	-0.001586	0.003974	-0.000698
	-0.034593	-0.022921	0.016752	-0.009317	-0.016959	0.006980
	-0.024588	0.009945	0.009654	0.014292	0.002888	0.023765
	0.024272	-0.008448	-0.001969	-0.001497	-0.013866	-0.034683
	-0.020470	-0.006285	0.025091	0.026997	-0.002296	0.006182
	0.014220					
y413	-0.037569	-0.016937	-0.015252	-0.019868	0.026230	-0.022768
	-0.004356	-0.017655	0.018596	0.000146	0.023764	0.008107
	-0.003285	0.017641	-0.014825	0.018957	0.026017	0.024776
	0.029610	0.000629	0.039451	-0.004861	0.051005	0.041697
	0.003689	-0.015390	-0.013265	-0.034687	0.030854	-0.049516
	0.014444					
z413	0.029772	-0.000174	-0.002034	0.029359	0.000591	-0.047753
	-0.007092	-0.026587	0.019188	0.022080	0.007480	-0.009767
	-0.019087	0.015023	0.001144	-0.033010	-0.006981	0.021729
	-0.008442	-0.007557	-0.031786	0.004482	-0.007598	-0.023288
	-0.042233	0.002264	-0.005536	0.034326	-0.005756	-0.001404
	-0.014010					
x414	0.034638	0.019066	0.026793	-0.006356	-0.004200	-0.012470
	-0.039943	-0.014737	0.013750	-0.021936	-0.018372	0.010147
	-0.030381	0.019387	0.023766	0.001532	0.001758	0.014563
	0.021454	-0.012883	-0.006369	-0.003249	-0.013584	-0.047275
	-0.012951	-0.002811	0.024700	0.033716	-0.009956	0.005070
	0.010626					
y414	-0.028977	-0.016411	-0.007219	-0.020337	0.019687	-0.021377
	-0.010274	-0.025539	0.014610	0.001546	0.017193	0.006571
	-0.004681	0.022371	-0.018952	0.023967	0.023778	0.019401
	0.022042	-0.004638	0.032708	-0.002264	0.036038	0.031178
	0.003180	-0.020903	-0.017746	-0.038138	0.024083	-0.018060
	0.011250					
z414	0.032736	-0.004714	-0.008771	0.027751	0.015765	-0.046504
	-0.004490	-0.027201	0.020193	0.023004	0.007906	-0.001242
	-0.020292	0.023485	0.007524	-0.036198	0.008191	0.023453
	-0.002297	-0.010132	-0.033816	0.004273	-0.015538	-0.027872
	-0.040865	-0.005282	-0.015443	0.039390	0.007461	-0.003108
	-0.033323					

x415	0.038226	0.023799	0.029012	-0.006606	-0.007463	-0.018731
	-0.036533	-0.003684	0.013973	-0.030375	-0.020880	0.013252
	-0.039136	0.034117	0.027304	-0.008100	0.002737	0.013992
	0.021124	-0.018353	-0.018453	-0.004184	-0.018041	-0.056969
	-0.001858	-0.011283	0.023073	0.024873	-0.004715	-0.004279
	0.001884					
y415	-0.015841	-0.013157	0.008357	-0.025960	0.009514	-0.025621
	-0.018437	-0.030402	0.008090	0.000525	0.008571	0.004433
	0.000679	0.020462	-0.007886	0.027022	0.016743	0.003974
	0.014470	-0.008623	0.037043	-0.000003	0.027982	0.024389
	-0.001796	-0.014880	-0.004278	-0.003306	0.001736	0.016087
	0.015522					
z415	0.034918	-0.010852	-0.016760	0.027136	0.030499	-0.042056
	0.005593	-0.024788	0.021613	0.029227	0.002279	0.001570
	-0.019992	0.030524	0.004492	-0.033475	0.027654	0.020228
	-0.007473	-0.019202	-0.026466	-0.010319	-0.013145	-0.033018
	-0.051991	-0.019921	-0.021142	0.056297	0.016126	-0.001348
	-0.026770					
x416	0.041228	0.024165	0.024009	-0.000210	-0.008429	-0.021212
	-0.024746	0.008188	0.004121	-0.035609	-0.025638	0.022331
	-0.036804	0.037594	0.025600	-0.015081	-0.000605	0.003571
	0.015940	-0.008553	-0.022480	-0.008078	-0.019092	-0.052059
	0.011493	-0.010036	0.040775	0.033830	-0.000470	0.026526
	-0.012481					
y416	-0.001294	-0.003044	0.026078	-0.035242	-0.001303	-0.033244
	-0.027285	-0.029343	0.004778	-0.004292	0.003752	0.002490
	-0.005674	0.024770	0.001080	0.025837	0.011356	-0.001319
	0.013014	-0.019604	0.034960	0.010095	0.012819	0.014649
	-0.001722	-0.026399	-0.004698	0.008371	-0.015851	0.013556
	0.017027					
z416	0.039261	-0.021831	-0.025475	0.031798	0.044946	-0.033445
	0.020990	-0.018729	0.017703	0.035484	-0.000785	0.008977
	-0.014421	0.036418	-0.002859	-0.032198	0.033147	0.015063
	-0.014105	-0.027011	-0.007603	-0.016711	-0.004575	-0.024806
	-0.048111	-0.040148	-0.016920	0.047614	0.007682	0.011713
	-0.033553					
x417	0.042727	0.025274	0.016759	0.004161	-0.009878	-0.021287
	-0.015228	0.016889	-0.003248	-0.040227	-0.027690	0.029632
	-0.033456	0.029278	0.031049	-0.021818	-0.007614	-0.010219
	0.010335	-0.003046	-0.014017	-0.018361	-0.019341	-0.047062
	0.017062	-0.000117	0.056103	0.054812	-0.001993	0.034589
	-0.014928					

y417	0.008206	0.003166	0.033253	-0.037820	-0.007400	-0.033841
	-0.029379	-0.026359	0.003248	-0.006170	-0.004059	0.001597
	-0.010044	0.025823	0.003373	0.023531	0.008615	0.000925
	0.012581	-0.026594	0.029851	0.015510	-0.000357	0.008199
	0.002730	-0.038953	-0.004439	0.006798	-0.022229	0.010707
	0.011794					
z417	0.041237	-0.033422	-0.029983	0.035371	0.050861	-0.024438
	0.029399	-0.010155	0.011134	0.041263	-0.000510	0.012430
	-0.015296	0.035755	-0.010879	-0.021054	0.029437	0.010722
	-0.027680	-0.028605	-0.005139	-0.028150	0.004958	-0.031109
	-0.021529	-0.045987	0.000100	0.032263	-0.015252	0.019683
	-0.017110					
x418	0.041346	0.024742	0.004705	0.010458	-0.006816	-0.015152
	-0.005241	0.018539	-0.004383	-0.039273	-0.027554	0.035979
	-0.029691	0.017940	0.031562	-0.029933	-0.014710	-0.022645
	0.005944	0.000948	-0.004488	-0.027572	-0.025568	-0.038982
	0.014924	0.003017	0.052295	0.057019	0.002735	0.026383
	-0.018939					
y418	0.015688	0.008310	0.035069	-0.037854	-0.012280	-0.031872
	-0.027566	-0.022636	0.005706	-0.008674	-0.011419	0.000867
	-0.013041	0.023118	0.005245	0.016507	0.007927	0.005464
	0.013832	-0.028305	0.030999	0.020040	-0.011475	0.004301
	0.005465	-0.039882	-0.003790	0.005801	-0.023980	0.002395
	0.008980					
z418	0.042805	-0.042779	-0.026441	0.033417	0.050879	-0.021696
	0.030842	-0.006172	0.013620	0.039082	0.004798	0.013665
	-0.016097	0.037668	-0.018166	-0.019084	0.029570	0.008288
	-0.029417	-0.020791	-0.000709	-0.015468	0.002439	-0.030617
	-0.003865	-0.032223	0.000895	0.002920	-0.035300	0.015934
	-0.000774					
x419	0.037656	0.023406	-0.008572	0.018159	-0.002149	-0.005222
	0.003082	0.015257	-0.002589	-0.034349	-0.026219	0.039304
	-0.024382	0.006949	0.029854	-0.035065	-0.024783	-0.033541
	0.003897	-0.000694	0.003782	-0.035250	-0.030372	-0.029683
	0.010957	-0.003954	0.040046	0.051367	0.008464	0.011241
	-0.019678					
y419	0.021300	0.013377	0.032121	-0.035618	-0.016066	-0.027457
	-0.023045	-0.018762	0.009581	-0.009392	-0.017319	0.000736
	-0.015107	0.016743	0.006294	0.008648	0.005302	0.007649
	0.012822	-0.026519	0.033626	0.016045	-0.018706	0.003907
	0.004342	-0.037914	-0.004435	0.012472	-0.016580	-0.011006
	0.008517					

z419	0.042577	-0.048882	-0.017963	0.027866	0.043855	-0.023181
	0.028637	0.000031	0.014893	0.035663	0.009052	0.011190
	-0.014003	0.039318	-0.021496	-0.015557	0.028897	0.006518
	-0.022328	-0.007186	0.009982	-0.014052	0.011248	-0.024358
	0.003462	-0.022413	0.007816	0.012242	-0.033212	0.011374
	0.027730					
x420	0.032916	0.021202	-0.020249	0.026639	0.002257	0.006006
	0.009526	0.008170	-0.000237	-0.026899	-0.021574	0.039393
	-0.017775	-0.001551	0.028267	-0.037872	-0.037225	-0.042059
	0.004339	-0.008712	0.008284	-0.035417	-0.034205	-0.019516
	0.008384	-0.015811	0.026196	0.038085	0.008943	-0.001485
	-0.022677					
y420	0.026047	0.018734	0.024971	-0.030183	-0.017583	-0.020398
	-0.016563	-0.017213	0.014464	-0.007906	-0.021590	0.001489
	-0.017514	0.007531	0.005766	0.000664	-0.000650	0.006205
	0.007645	-0.028659	0.032832	0.011418	-0.026693	0.008541
	0.003526	-0.036858	-0.008371	0.012806	-0.008301	-0.026528
	0.002603					
z420	0.044079	-0.051523	-0.010551	0.025157	0.036874	-0.025497
	0.026293	0.005302	0.017640	0.032003	0.015292	0.009415
	-0.015223	0.037005	-0.028212	-0.015341	0.018810	0.005423
	-0.020101	-0.009503	0.002512	-0.002278	0.010820	-0.003919
	0.007834	-0.013669	0.014415	0.012033	-0.029334	0.015361
	0.029071					
x421	0.027769	0.017367	-0.027986	0.034111	0.005406	0.015308
	0.014357	0.000002	0.000305	-0.018495	-0.014774	0.034078
	-0.009939	-0.005198	0.029088	-0.037891	-0.047902	-0.045413
	0.010111	-0.016944	0.012164	-0.030966	-0.032243	-0.010876
	0.005052	-0.028973	0.016708	0.025395	0.002193	-0.007057
	-0.026058					
y421	0.029961	0.023785	0.015217	-0.022363	-0.018917	-0.010682
	-0.008253	-0.018024	0.019195	-0.003980	-0.024891	0.001388
	-0.019755	-0.004952	0.005742	-0.006252	-0.007284	0.001726
	0.001208	-0.031579	0.032985	0.005985	-0.031923	0.014973
	0.002415	-0.039987	-0.010784	0.012223	-0.000839	-0.039230
	-0.004185					
z421	0.045931	-0.052846	-0.005538	0.022129	0.026904	-0.027315
	0.025100	0.012396	0.021552	0.027543	0.017268	0.006784
	-0.018168	0.028478	-0.032548	-0.017248	0.014946	0.006642
	-0.021517	-0.008729	-0.001618	-0.001452	0.014656	0.009476
	0.007554	-0.012148	0.021648	0.011015	-0.023150	0.024371
	0.034706					

x422	0.022523	0.012148	-0.029206	0.039089	0.008754	0.019750
	0.016205	-0.006307	-0.002365	-0.011811	-0.006624	0.025501
	0.001556	-0.000971	0.032212	-0.033715	-0.058725	-0.042132
	0.020451	-0.019596	0.013370	-0.022384	-0.022622	-0.005201
	-0.001284	-0.035586	0.013085	0.016209	-0.010385	-0.006571
	-0.029851					
y422	0.033399	0.027780	0.005365	-0.012608	-0.020536	0.000848
	0.001868	-0.021250	0.023738	0.002825	-0.024643	-0.001553
	-0.021573	-0.016756	0.007158	-0.012221	-0.014898	-0.004511
	-0.004410	-0.033607	0.035401	0.003315	-0.033388	0.023750
	-0.000544	-0.041404	-0.009172	0.012331	0.007695	-0.046948
	-0.012843					
z422	0.046891	-0.053886	-0.000412	0.016347	0.017668	-0.027343
	0.022659	0.022507	0.025703	0.021679	0.021053	0.005886
	-0.022325	0.024544	-0.030066	-0.016252	0.010322	0.007111
	-0.022121	-0.005283	-0.003923	0.003122	0.014494	0.026176
	0.016745	0.004617	0.015624	0.003578	-0.019154	0.021732
	0.032052					
x423	0.016877	0.006263	-0.023256	0.039682	0.012584	0.017181
	0.012708	-0.007086	-0.010319	-0.010178	-0.001009	0.016142
	0.018907	0.011692	0.037009	-0.024220	-0.070879	-0.032184
	0.037517	-0.015466	0.007096	-0.010268	-0.005630	-0.002861
	-0.006836	-0.036673	0.018966	0.012352	-0.031526	0.003165
	-0.034870					
y423	0.037225	0.030733	-0.003379	-0.000668	-0.023241	0.012815
	0.013687	-0.026084	0.027084	0.011472	-0.020214	-0.007402
	-0.022980	-0.028046	0.009305	-0.017889	-0.023340	-0.011221
	-0.008910	-0.031036	0.039074	0.001328	-0.030224	0.033112
	-0.007830	-0.039355	-0.000083	0.017694	0.016076	-0.049000
	-0.020189					
z423	0.047609	-0.054443	0.002419	0.009732	0.009579	-0.024470
	0.021602	0.029128	0.026768	0.012205	0.029901	0.010541
	-0.027511	0.024398	-0.025263	-0.012756	0.002205	0.004634
	-0.014368	-0.003799	-0.006143	0.006498	0.000178	0.032239
	0.028476	0.009411	0.001976	-0.003305	-0.004803	0.018216
	0.028802					
x424	0.008705	-0.000474	-0.010392	0.033534	0.015690	0.006039
	0.002759	-0.000002	-0.024503	-0.013101	-0.002370	0.010147
	0.046402	0.029407	0.042045	-0.007116	-0.085386	-0.016736
	0.063500	-0.005876	-0.015493	0.006028	0.017842	-0.005225
	-0.000661	-0.034049	0.037840	0.016176	-0.063804	0.026393
	-0.048039					

y424	0.041690	0.033045	-0.009666	0.011924	-0.026230	0.023918
	0.024214	-0.030935	0.027727	0.020402	-0.013464	-0.018994
	-0.024354	-0.037245	0.014118	-0.020668	-0.037133	-0.018752
	-0.013140	-0.020830	0.044812	0.000292	-0.016175	0.039764
	-0.019254	-0.023739	0.022707	0.028872	0.024119	-0.045978
	-0.023226					
z424	0.045860	-0.051625	0.004752	0.001152	0.004967	-0.015090
	0.018385	0.030553	0.030393	0.003849	0.031847	0.010188
	-0.036850	0.020997	-0.020275	-0.014285	-0.010082	0.010799
	-0.010066	-0.008671	0.008379	0.000945	-0.010801	0.043058
	0.026370	0.012536	-0.014153	-0.008591	0.004010	-0.008830
	0.027804					
x425	0.005261	-0.005503	-0.013359	0.029660	0.018317	0.008033
	-0.003477	0.002732	-0.023489	-0.014998	0.001682	0.001715
	0.038674	0.027152	0.033512	-0.007289	-0.071016	-0.016669
	0.051118	0.000299	-0.013465	0.004564	0.019653	-0.007257
	-0.005863	-0.024362	0.020366	0.007727	-0.049451	0.015620
	-0.027196					
y425	0.037273	0.032202	-0.008967	0.012108	-0.024263	0.024788
	0.029636	-0.035699	0.021677	0.020643	-0.009604	-0.017983
	-0.018390	-0.031533	0.019398	-0.018645	-0.042237	-0.006820
	-0.007417	-0.020568	0.051436	0.001675	0.000415	0.040177
	-0.018699	-0.031912	0.026958	0.030711	0.016478	-0.031380
	-0.031311					
z425	0.044799	-0.048338	0.005083	-0.000776	0.000563	-0.011641
	0.018096	0.030171	0.028962	-0.003647	0.033726	0.015089
	-0.038108	0.021111	-0.014987	-0.016082	-0.011301	0.009902
	-0.004667	-0.012145	0.007523	0.005861	-0.016137	0.046407
	0.024671	0.004954	-0.014308	-0.017978	0.008413	-0.004845
	0.021727					
x426	0.000938	-0.010373	-0.016721	0.025031	0.019894	0.009101
	-0.009595	0.006671	-0.024378	-0.016922	0.002331	-0.003387
	0.034604	0.023371	0.024849	-0.005792	-0.056810	-0.018062
	0.041010	0.006936	-0.015331	0.003623	0.019984	-0.010726
	-0.005816	-0.016395	0.004787	0.001911	-0.039939	0.004340
	-0.011896					
y426	0.033415	0.030196	-0.008276	0.012518	-0.021958	0.026736
	0.032290	-0.039126	0.017820	0.020036	-0.004492	-0.018382
	-0.016708	-0.026998	0.023327	-0.017032	-0.042793	0.002273
	-0.002688	-0.020005	0.054980	0.002178	0.011675	0.042467
	-0.018137	-0.037575	0.030639	0.031902	0.009570	-0.015527
	-0.036409					

z426	0.041659	-0.044348	0.007367	-0.003099	-0.003407	-0.008024
	0.018711	0.031741	0.027228	-0.009098	0.032333	0.017331
	-0.038161	0.022287	-0.010534	-0.016354	-0.015491	0.008738
	0.000647	-0.010717	0.011292	0.008512	-0.010747	0.042487
	0.027910	0.004184	-0.015568	-0.026850	0.010306	-0.011164
	0.020381					
x427	-0.003351	-0.014684	-0.020350	0.020462	0.021290	0.009474
	-0.014923	0.010445	-0.026140	-0.018461	0.001981	-0.005635
	0.033620	0.019449	0.017233	-0.003823	-0.044621	-0.020095
	0.032569	0.012369	-0.019971	0.003540	0.018001	-0.013305
	-0.004572	-0.011493	-0.009173	-0.001041	-0.033708	-0.005784
	-0.000013					
y427	0.029632	0.026987	-0.007926	0.012248	-0.019977	0.029323
	0.032351	-0.040760	0.014410	0.018011	-0.000898	-0.018998
	-0.017387	-0.024566	0.025550	-0.016164	-0.037636	0.008394
	0.001503	-0.017311	0.056808	0.001920	0.020459	0.044088
	-0.014432	-0.038872	0.032236	0.028981	0.003992	-0.001851
	-0.037727					
z427	0.039063	-0.041152	0.007154	-0.002947	-0.005677	-0.003185
	0.016686	0.030357	0.029906	-0.012577	0.029910	0.015993
	-0.037604	0.020497	-0.005970	-0.010335	-0.021632	0.011169
	0.004046	-0.015133	0.007913	0.008244	-0.008328	0.048498
	0.028305	0.007274	-0.014123	-0.026043	0.004274	-0.001711
	0.020941					
x428	-0.007319	-0.018241	-0.023917	0.016156	0.022785	0.009496
	-0.019883	0.014030	-0.028218	-0.019130	0.000104	-0.006460
	0.034844	0.016513	0.010772	-0.001415	-0.035248	-0.021618
	0.025349	0.016983	-0.022891	0.004205	0.017306	-0.015713
	-0.001729	-0.007939	-0.020658	-0.002007	-0.030022	-0.015326
	0.011631					
y428	0.025535	0.022979	-0.008601	0.010916	-0.018208	0.031386
	0.031523	-0.040204	0.011099	0.015306	0.003338	-0.020216
	-0.020413	-0.022897	0.025309	-0.016068	-0.027934	0.010090
	0.004627	-0.015002	0.052226	-0.000457	0.023735	0.045028
	-0.012665	-0.037233	0.030130	0.024523	0.000846	0.007514
	-0.036902					
z428	0.036550	-0.037639	0.007664	-0.004892	-0.010489	-0.000725
	0.018072	0.029438	0.028055	-0.018276	0.030714	0.017473
	-0.033776	0.022758	-0.004361	-0.009975	-0.025728	0.014703
	0.009128	-0.016092	0.008885	0.006405	-0.009227	0.051601
	0.026715	0.004295	-0.012366	-0.024931	0.003131	0.000193
	0.018170					

x429	-0.010886	-0.020986	-0.027279	0.012150	0.024478	0.009237
	-0.023762	0.017291	-0.030147	-0.019449	-0.002034	-0.006023
	0.037486	0.014551	0.005316	0.000918	-0.029468	-0.021961
	0.020717	0.022032	-0.025070	0.006448	0.016965	-0.016924
	0.000511	-0.006656	-0.028756	-0.000676	-0.026591	-0.022391
	0.020492					
y429	0.021134	0.018336	-0.010137	0.009195	-0.016993	0.032914
	0.028546	-0.038624	0.007387	0.011538	0.007229	-0.021332
	-0.023426	-0.022748	0.024937	-0.015953	-0.015651	0.008275
	0.005750	-0.013326	0.046260	-0.003823	0.026432	0.044739
	-0.009598	-0.032188	0.023649	0.017955	-0.002941	0.009984
	-0.030665					
z429	0.034574	-0.034923	0.008831	-0.003599	-0.013811	0.002862
	0.015999	0.029118	0.027675	-0.020609	0.028625	0.020583
	-0.029685	0.025420	-0.002096	-0.004315	-0.027400	0.015431
	0.013435	-0.015312	0.008702	0.006843	-0.004776	0.049706
	0.029672	0.000740	-0.012337	-0.028970	0.002967	0.000619
	0.012194					
x430	-0.013647	-0.023367	-0.029974	0.008597	0.026540	0.009068
	-0.027674	0.019604	-0.030447	-0.018788	-0.005129	-0.004957
	0.040497	0.012311	0.002075	0.002433	-0.025518	-0.020414
	0.018272	0.027427	-0.023968	0.010679	0.017392	-0.016401
	0.003959	-0.007461	-0.032528	0.002381	-0.025470	-0.025273
	0.029284					
y430	0.016006	0.013991	-0.012649	0.006711	-0.015976	0.033740
	0.025273	-0.035670	0.002279	0.007378	0.011508	-0.022822
	-0.026091	-0.022906	0.022883	-0.015314	-0.003120	0.003823
	0.005432	-0.012205	0.038805	-0.007780	0.029968	0.041706
	-0.008015	-0.025457	0.012761	0.010480	-0.002804	0.006273
	-0.022841					
z430	0.031856	-0.032343	0.009758	-0.003392	-0.019107	0.002837
	0.016946	0.026541	0.025495	-0.020504	0.025381	0.019781
	-0.026913	0.026700	-0.000844	-0.000080	-0.030839	0.009999
	0.013064	-0.012734	0.011482	0.002147	0.002069	0.045756
	0.034082	-0.004759	-0.012955	-0.030751	-0.009824	0.008452
	0.012633					
x431	-0.015108	-0.025570	-0.031838	0.005520	0.029760	0.009340
	-0.031756	0.021641	-0.028391	-0.017318	-0.008469	-0.003509
	0.042658	0.008847	0.000019	0.003008	-0.022773	-0.015938
	0.019357	0.033900	-0.022963	0.015537	0.015671	-0.013075
	0.007313	-0.006961	-0.030489	0.007461	-0.023929	-0.023593
	0.032835					

y431	0.010030	0.009741	-0.015826	0.004273	-0.015095	0.033826
	0.022022	-0.032245	-0.004029	0.002759	0.016054	-0.024799
	-0.027463	-0.022185	0.019802	-0.013744	0.008042	-0.002916
	0.004353	-0.011400	0.032266	-0.011132	0.035613	0.035346
	-0.005374	-0.017306	-0.001203	0.003578	-0.002826	-0.003237
	-0.009823					
z431	0.030492	-0.029990	0.010334	-0.002026	-0.024811	0.003912
	0.016926	0.025727	0.025375	-0.021329	0.020338	0.019211
	-0.028481	0.025445	-0.000666	0.004940	-0.025818	0.011829
	0.017182	-0.012516	0.010904	0.002550	0.007017	0.042190
	0.041518	0.001246	-0.014043	-0.034194	-0.016327	0.010367
	0.006093					
x432	-0.015393	-0.027973	-0.032417	0.002542	0.034599	0.010640
	-0.037004	0.023149	-0.023102	-0.015562	-0.011552	-0.000430
	0.043597	0.004394	-0.000548	0.002733	-0.020694	-0.008885
	0.021763	0.040473	-0.021110	0.021219	0.010538	-0.004713
	0.011868	-0.006713	-0.025116	0.010600	-0.022420	-0.016527
	0.034972					
y432	0.003311	0.006055	-0.019156	0.001774	-0.013502	0.032637
	0.019290	-0.027829	-0.011456	-0.001560	0.020665	-0.027577
	-0.027845	-0.021348	0.015182	-0.011823	0.016053	-0.010551
	0.004395	-0.010208	0.026411	-0.013208	0.044242	0.024989
	-0.002982	-0.006877	-0.015369	-0.000100	-0.002169	-0.018118
	0.004939					
z432	0.028840	-0.026589	0.010006	-0.001078	-0.029012	0.004805
	0.018975	0.024709	0.024305	-0.023908	0.017679	0.019844
	-0.028836	0.026375	-0.004296	0.012309	-0.021119	0.007746
	0.017547	-0.013871	0.007957	-0.002018	0.001035	0.040174
	0.035198	0.000853	-0.022232	-0.033223	-0.009868	0.014166
	-0.001998					
x433	-0.013842	-0.030734	-0.031842	-0.000392	0.039922	0.012837
	-0.044486	0.024968	-0.014057	-0.014252	-0.014395	0.002651
	0.042232	-0.001394	-0.001589	0.000895	-0.015711	0.000837
	0.025762	0.046497	-0.020873	0.023555	0.000692	0.006570
	0.016696	-0.008096	-0.015571	0.010937	-0.020848	-0.004027
	0.038998					
y433	-0.003560	0.002649	-0.021794	-0.000377	-0.009036	0.030301
	0.016422	-0.022543	-0.019049	-0.004074	0.025454	-0.030667
	-0.026645	-0.021078	0.008480	-0.009349	0.017819	-0.016672
	0.006259	-0.008030	0.022906	-0.013684	0.053352	0.011159
	0.000928	0.006677	-0.028418	-0.000916	-0.001243	-0.039629
	0.018759					

z433	0.027403	-0.023153	0.011433	0.002143	-0.033918	0.007139
	0.015606	0.023381	0.023997	-0.026920	0.013486	0.019866
	-0.027293	0.019601	-0.006919	0.019219	-0.014120	0.007556
	0.017942	-0.020601	0.007251	-0.004787	0.006531	0.026424
	0.035944	0.010682	-0.022212	-0.040373	-0.014650	0.018177
	0.006869					
x434	-0.009285	-0.029184	-0.030363	-0.001210	0.041983	0.015761
	-0.044754	0.023790	-0.009566	-0.011994	-0.011130	0.006874
	0.038584	-0.004313	0.001462	0.003703	-0.020386	0.011143
	0.023906	0.047088	-0.013747	0.018762	-0.013639	0.010541
	0.012156	-0.024023	-0.006837	0.007764	-0.012318	0.004086
	0.039408					
y434	-0.006289	-0.000906	-0.024886	-0.003821	-0.002457	0.032531
	0.010957	-0.014946	-0.019326	0.000563	0.022364	-0.034673
	-0.021259	-0.013311	0.002686	-0.009833	0.013305	-0.018603
	-0.000369	-0.008310	0.017042	-0.008860	0.038270	0.012420
	-0.001365	0.004634	-0.021579	0.010810	-0.004402	-0.032613
	0.018000					
z434	0.026406	-0.021933	0.011023	0.004823	-0.035975	0.005443
	0.015136	0.024157	0.023380	-0.030087	0.008173	0.017511
	-0.019365	0.017725	-0.008610	0.022325	-0.007764	0.004406
	0.018870	-0.017809	0.009103	-0.003227	0.003039	0.018759
	0.029309	0.015742	-0.022020	-0.037312	-0.016886	0.020299
	0.005148					
x435	-0.005172	-0.027346	-0.029399	-0.000864	0.042961	0.016540
	-0.045464	0.021588	-0.005274	-0.010598	-0.008998	0.009694
	0.034867	-0.008609	0.003552	0.005480	-0.025607	0.019720
	0.023094	0.046335	-0.009574	0.014278	-0.022581	0.013759
	0.010222	-0.036779	0.000014	0.008433	-0.005698	0.007975
	0.038013					
y435	-0.008491	-0.004206	-0.027120	-0.006834	0.005355	0.034433
	0.006223	-0.007287	-0.019301	0.006337	0.019440	-0.038068
	-0.016062	-0.007670	-0.004655	-0.010176	0.006574	-0.018419
	-0.005751	-0.008639	0.013322	-0.005920	0.022510	0.013255
	-0.002026	0.003873	-0.014119	0.021651	-0.007130	-0.028334
	0.014615					
z435	0.024589	-0.020650	0.009957	0.008779	-0.036739	0.005669
	0.013570	0.026257	0.024302	-0.031259	0.000962	0.015683
	-0.015236	0.010391	-0.008191	0.025831	-0.002847	0.004088
	0.018657	-0.020504	0.006904	0.002675	0.003857	0.015671
	0.028076	0.021579	-0.023478	-0.032151	-0.018859	0.021885
	0.010094					

x436	-0.001615	-0.025087	-0.028871	0.000033	0.041973	0.015358
	-0.045437	0.017704	-0.002263	-0.010805	-0.006723	0.010070
	0.030675	-0.011891	0.004872	0.005701	-0.028553	0.024678
	0.022182	0.043106	-0.008618	0.011118	-0.027800	0.014585
	0.010871	-0.045405	0.005115	0.011427	-0.004087	0.008665
	0.033502					
y436	-0.010560	-0.007047	-0.028716	-0.009485	0.013274	0.035919
	0.002057	0.000044	-0.018981	0.012653	0.016377	-0.041091
	-0.011219	-0.004071	-0.012121	-0.010455	-0.001222	-0.016862
	-0.009626	-0.010231	0.010051	-0.003559	0.009439	0.014259
	-0.000573	0.003559	-0.005944	0.031650	-0.011400	-0.025365
	0.010049					
z436	0.023649	-0.020115	0.007274	0.012545	-0.037365	0.005154
	0.013368	0.026982	0.023609	-0.032586	-0.004527	0.013915
	-0.010965	0.006899	-0.007359	0.027707	0.004170	0.002487
	0.016094	-0.022285	0.005723	0.004964	0.003214	0.009019
	0.026384	0.022169	-0.026720	-0.025410	-0.020516	0.018935
	0.012465					
x437	0.001542	-0.022687	-0.028451	0.001475	0.039547	0.012779
	-0.045011	0.013166	-0.000345	-0.012891	-0.004197	0.009073
	0.025739	-0.014317	0.006150	0.006169	-0.030181	0.026900
	0.022254	0.040783	-0.007947	0.009710	-0.030000	0.012989
	0.012357	-0.050290	0.008702	0.012602	-0.001702	0.005605
	0.029325					
y437	-0.012504	-0.009519	-0.030291	-0.011786	0.020633	0.036967
	-0.001666	0.006479	-0.018329	0.018414	0.013549	-0.044519
	-0.006193	-0.001442	-0.019150	-0.010536	-0.008562	-0.015152
	-0.012559	-0.012401	0.007078	-0.001575	-0.001733	0.015210
	0.001494	0.004577	0.000888	0.041109	-0.015319	-0.025536
	0.004781					
z437	0.022316	-0.019624	0.004754	0.015742	-0.037304	0.004871
	0.012531	0.029709	0.022160	-0.034202	-0.009839	0.012205
	-0.007711	0.003361	-0.007627	0.029757	0.008489	0.000842
	0.015337	-0.021209	0.007439	0.008773	0.003621	0.003260
	0.024943	0.023258	-0.022891	-0.027118	-0.016492	0.016905
	0.016445					
x438	0.004437	-0.019979	-0.027935	0.002892	0.035577	0.009188
	-0.042939	0.008095	0.001072	-0.015903	-0.001733	0.007534
	0.019339	-0.016232	0.008836	0.006396	-0.029076	0.028388
	0.023367	0.040237	-0.004410	0.008748	-0.029480	0.009512
	0.014465	-0.050473	0.007048	0.011294	0.000044	0.001182
	0.024747					

y438	-0.014642	-0.011761	-0.031938	-0.013889	0.026908	0.037701
	-0.004617	0.012027	-0.017555	0.023295	0.011216	-0.049016
	-0.001826	0.000796	-0.024908	-0.010028	-0.014304	-0.013573
	-0.014780	-0.014590	0.005637	-0.000137	-0.010865	0.016106
	0.004683	0.007138	0.005161	0.048442	-0.018346	-0.026788
	0.000007					
z438	0.021528	-0.019401	0.002811	0.017264	-0.036653	0.003933
	0.014011	0.033846	0.021596	-0.033221	-0.015898	0.013540
	-0.003630	-0.000865	-0.006968	0.029440	0.011353	0.002576
	0.016232	-0.016675	0.014110	0.012606	0.006380	-0.005228
	0.021605	0.025001	-0.022637	-0.030040	-0.013501	0.011892
	0.014028					
x439	0.007621	-0.016933	-0.027871	0.005640	0.031375	0.005830
	-0.040391	0.002517	0.001833	-0.019595	0.003767	0.005463
	0.010623	-0.018439	0.013627	0.009378	-0.027803	0.030641
	0.026157	0.039531	-0.006462	0.007476	-0.031473	0.008048
	0.016157	-0.048215	0.003036	0.008495	0.003327	-0.001173
	0.019076					
y439	-0.016779	-0.013761	-0.033734	-0.015214	0.032076	0.038751
	-0.006805	0.017227	-0.016694	0.027180	0.010563	-0.054547
	0.001808	0.002250	-0.028143	-0.007583	-0.018277	-0.011198
	-0.016135	-0.016720	0.004063	-0.000163	-0.019601	0.017521
	0.008215	0.010004	0.004559	0.052864	-0.019665	-0.027050
	-0.004777					
z439	0.021647	-0.019228	-0.001095	0.020412	-0.032843	0.004202
	0.015169	0.037700	0.021363	-0.030209	-0.017040	0.013624
	-0.001607	-0.006301	-0.007340	0.029188	0.006356	0.005789
	0.016861	-0.015973	0.009027	0.015939	0.003995	-0.003329
	0.020265	0.024946	-0.015242	-0.027002	-0.006689	0.015347
	0.012551					
x440	0.011108	-0.013547	-0.026631	0.008252	0.025490	0.002075
	-0.037074	-0.004171	0.002115	-0.024932	0.009473	0.004253
	-0.000291	-0.019054	0.021925	0.012190	-0.022514	0.032635
	0.029428	0.042174	-0.003599	0.005833	-0.031829	0.002161
	0.016666	-0.044355	-0.004194	0.000919	0.003732	-0.004104
	0.018540					
y440	-0.018697	-0.015509	-0.035531	-0.015925	0.036030	0.040418
	-0.008465	0.021700	-0.015646	0.029216	0.011606	-0.060883
	0.004062	0.002877	-0.027711	-0.003139	-0.019917	-0.007258
	-0.016934	-0.017311	0.004269	-0.002660	-0.028410	0.018771
	0.010771	0.012418	-0.000842	0.053042	-0.019139	-0.024286
	-0.005530					

z440	0.021190	-0.019767	-0.004210	0.023473	-0.029710	0.003919
	0.015322	0.041480	0.021293	-0.026040	-0.020664	0.014517
	-0.000585	-0.008257	-0.006482	0.027236	0.005887	0.006847
	0.016288	-0.014108	0.009924	0.017842	0.004402	-0.005929
	0.016831	0.025158	-0.016185	-0.028692	-0.009382	0.014927
	0.009672					
x441	0.015182	-0.009701	-0.024191	0.010931	0.018987	-0.001921
	-0.033296	-0.012162	0.002056	-0.031607	0.015538	0.004107
	-0.012408	-0.018093	0.031174	0.015208	-0.014543	0.035029
	0.033206	0.046034	0.000639	0.005614	-0.032609	-0.006033
	0.015498	-0.038829	-0.010371	-0.007723	0.002098	-0.007941
	0.020502					
y441	-0.020260	-0.016953	-0.036958	-0.016170	0.039018	0.042827
	-0.009791	0.025762	-0.014187	0.028692	0.014608	-0.067333
	0.005063	0.002460	-0.023292	0.003431	-0.018224	-0.000328
	-0.016774	-0.017061	0.006086	-0.007895	-0.038013	0.019465
	0.009010	0.014824	-0.011387	0.046936	-0.017531	-0.017282
	-0.001264					
z441	0.020468	-0.020766	-0.009103	0.027895	-0.025658	0.004354
	0.015820	0.042702	0.022580	-0.024347	-0.024705	0.013958
	0.000870	-0.011250	-0.006542	0.024587	0.003449	0.006852
	0.014029	-0.014916	0.013168	0.022355	0.003881	-0.008905
	0.015001	0.020689	-0.014769	-0.022398	-0.010653	0.013593
	0.013286					
x442	0.019604	-0.004883	-0.018532	0.012024	0.011132	-0.006731
	-0.028869	-0.021166	0.001800	-0.036840	0.019385	0.006457
	-0.025018	-0.014324	0.039490	0.016386	-0.004166	0.035629
	0.038763	0.049982	0.005893	0.009338	-0.028071	-0.015582
	0.014186	-0.033589	-0.013760	-0.013623	-0.000934	-0.011750
	0.018778					
y442	-0.020233	-0.017505	-0.037526	-0.015334	0.040967	0.045014
	-0.010649	0.027728	-0.012648	0.025676	0.020208	-0.073386
	0.002915	0.002531	-0.013240	0.014749	-0.012791	0.009362
	-0.013923	-0.013342	0.012338	-0.017382	-0.055430	0.016768
	0.001918	0.016402	-0.026088	0.028309	-0.017348	-0.006831
	0.008586					
z442	0.019312	-0.022214	-0.015614	0.033299	-0.022218	0.004535
	0.019672	0.045436	0.023939	-0.023081	-0.027615	0.014284
	0.003430	-0.015593	-0.004419	0.021177	0.000249	0.009074
	0.011375	-0.011652	0.016798	0.028985	0.006790	-0.013266
	0.013381	0.014522	-0.014728	-0.011045	-0.008069	0.008556
	0.021285					

x443	0.021061	-0.000350	-0.006931	0.004413	0.002354	-0.008786
	-0.026628	-0.027658	0.000197	-0.034962	0.017483	0.013820
	-0.032047	-0.012437	0.034964	0.008650	0.003738	0.024032
	0.039863	0.034870	0.004066	0.020334	-0.004741	-0.023033
	0.018526	-0.029318	-0.009670	0.008883	-0.005761	-0.004228
	0.005630					
y443	-0.016190	-0.016557	-0.036008	-0.012870	0.033043	0.034857
	-0.008561	0.016734	-0.016365	0.022131	0.028711	-0.070463
	0.007394	0.001390	-0.001018	0.018904	-0.004874	0.003299
	-0.002267	-0.001904	0.026923	-0.030744	-0.088126	0.007991
	-0.010146	-0.001774	-0.039969	0.013638	-0.025653	-0.000515
	-0.001148					
z443	0.019356	-0.023867	-0.026264	0.040615	-0.014617	0.008617
	0.025792	0.047927	0.024059	-0.022921	-0.026882	0.014041
	0.001721	-0.014853	0.001835	0.018815	0.006050	0.013389
	0.005442	-0.006748	0.018895	0.029277	-0.007078	-0.008320
	0.010213	0.013041	-0.018807	-0.014832	0.005087	-0.001501
	0.018836					
x444	0.023886	0.003963	0.003637	-0.001643	-0.006071	-0.012870
	-0.022667	-0.034248	-0.001491	-0.032243	0.017526	0.021686
	-0.039985	-0.007895	0.029463	0.002144	0.010364	0.010321
	0.036925	0.024718	0.006701	0.031409	0.019870	-0.033197
	0.026916	-0.021690	-0.004162	0.033881	-0.012228	0.001687
	-0.009961					
y444	-0.009159	-0.013129	-0.029247	-0.014919	0.026497	0.022310
	-0.008244	0.008305	-0.022969	0.015209	0.034935	-0.066248
	0.000543	0.007209	0.007785	0.026541	0.003138	0.001701
	-0.000240	0.008440	0.028355	-0.037543	-0.107310	0.004668
	-0.018805	-0.012224	-0.043856	-0.004798	-0.032859	0.003159
	0.004724					
z444	0.019918	-0.025377	-0.036672	0.046925	-0.007239	0.011856
	0.032961	0.049441	0.025090	-0.022863	-0.029939	0.013668
	-0.002065	-0.016733	0.008801	0.018824	0.011144	0.016435
	-0.005031	0.000318	0.021960	0.025560	-0.008716	-0.006836
	0.016979	0.013154	-0.010184	-0.022232	0.011495	-0.005869
	0.032079					
x445	0.026618	0.006511	0.009689	-0.002938	-0.013193	-0.015826
	-0.016388	-0.041261	-0.004074	-0.027189	0.021151	0.028409
	-0.046103	-0.004290	0.025488	-0.001551	0.013476	-0.005048
	0.033847	0.018069	0.011824	0.040418	0.035118	-0.043287
	0.030613	-0.010345	-0.001370	0.056394	-0.020688	0.004570
	-0.032837					

y445	-0.001345	-0.008173	-0.017920	-0.020539	0.020227	0.007971
	-0.011628	0.003501	-0.030134	0.005584	0.036972	-0.061399
	-0.008338	0.017845	0.013253	0.034699	0.007585	0.000258
	-0.001218	0.014521	0.020994	-0.037077	-0.108107	0.007287
	-0.023510	-0.019179	-0.038773	-0.012390	-0.038331	0.004523
	0.015325					
z445	0.020331	-0.026164	-0.045668	0.055289	-0.003984	0.014753
	0.039305	0.048697	0.022923	-0.025121	-0.030571	0.017092
	-0.002495	-0.023749	0.016833	0.024502	0.011438	0.016380
	-0.012038	0.000586	0.024672	0.027499	-0.008559	-0.004130
	0.022710	0.010874	-0.009004	-0.028663	0.009493	-0.006275
	0.042475					
x446	0.028197	0.006513	0.009342	0.000144	-0.018515	-0.015739
	-0.004947	-0.047834	-0.008393	-0.018856	0.029006	0.032580
	-0.051761	-0.002343	0.022085	-0.002959	0.015947	-0.019362
	0.029437	0.014490	0.015322	0.041727	0.040934	-0.050919
	0.027038	-0.002180	-0.004245	0.068059	-0.026213	0.006694
	-0.053444					
y446	0.006064	-0.002111	-0.003738	-0.028333	0.013599	-0.007046
	-0.016800	0.001890	-0.036048	-0.005055	0.034076	-0.053781
	-0.015071	0.028890	0.018301	0.041212	0.012203	-0.000230
	-0.001397	0.018581	0.012860	-0.030914	-0.099713	0.012959
	-0.023204	-0.022783	-0.025832	-0.006874	-0.040878	0.004663
	0.017821					
z446	0.019548	-0.027232	-0.051918	0.059804	-0.000823	0.016758
	0.048666	0.046382	0.016599	-0.026979	-0.031208	0.017855
	-0.002158	-0.025303	0.017901	0.028172	0.016452	0.012909
	-0.013156	0.002272	0.029200	0.021569	-0.008669	-0.000113
	0.023396	0.010745	-0.010643	-0.028671	0.011650	-0.002626
	0.038777					
x447	0.029063	0.004604	0.004023	0.006605	-0.021360	-0.012315
	0.008093	-0.053313	-0.013660	-0.007010	0.040206	0.035043
	-0.058316	-0.002718	0.017974	-0.000796	0.015512	-0.030407
	0.021773	0.012310	0.007507	0.034033	0.039999	-0.050923
	0.018673	0.001957	-0.009272	0.063239	-0.031416	0.006674
	-0.061527					
y447	0.012196	0.003610	0.010080	-0.036175	0.007450	-0.020062
	-0.021429	0.001996	-0.039644	-0.014582	0.028024	-0.044851
	-0.019576	0.037824	0.023111	0.046381	0.017761	-0.000184
	0.000463	0.020411	0.005559	-0.022884	-0.088332	0.017645
	-0.021316	-0.024870	-0.012328	0.001570	-0.042127	0.003908
	0.016666					

z447	0.018912	-0.027570	-0.056062	0.062763	0.000373	0.017301
	0.056236	0.043705	0.010922	-0.028266	-0.030927	0.016757
	-0.003701	-0.025885	0.017160	0.030991	0.021529	0.010551
	-0.015791	0.007446	0.032121	0.015811	-0.009749	0.001978
	0.020666	0.007344	-0.011456	-0.025498	0.013992	-0.004652
	0.037179					
x448	0.029642	0.002278	-0.003246	0.014819	-0.022565	-0.008004
	0.020184	-0.057829	-0.018600	0.006567	0.054491	0.036700
	-0.065906	-0.004810	0.012422	0.002712	0.013267	-0.037691
	0.012185	0.010571	-0.009603	0.021960	0.034084	-0.044063
	0.009550	0.006242	-0.011799	0.052600	-0.036826	0.002388
	-0.064235					
y448	0.017941	0.008931	0.023633	-0.044000	0.001661	-0.031676
	-0.025897	0.002111	-0.042362	-0.024139	0.021617	-0.035942
	-0.023699	0.044860	0.027893	0.052724	0.021055	0.001181
	0.003942	0.020846	-0.004093	-0.017633	-0.075089	0.022592
	-0.020678	-0.026093	-0.001187	0.010675	-0.041490	0.003345
	0.013131					
z448	0.019055	-0.026176	-0.059095	0.064697	0.001523	0.015742
	0.062407	0.042116	0.006052	-0.028259	-0.029589	0.016087
	-0.006993	-0.028164	0.018245	0.031940	0.027831	0.005576
	-0.020017	0.009891	0.032307	0.015507	-0.011513	-0.000082
	0.014254	0.001101	-0.005769	-0.018254	0.014990	-0.007351
	0.034182					
x449	0.029772	-0.000311	-0.012850	0.024934	-0.023433	-0.001601
	0.033967	-0.062986	-0.024324	0.023443	0.073086	0.037300
	-0.076900	-0.008687	0.005499	0.007254	0.011845	-0.045005
	-0.001142	0.010632	-0.030990	0.006473	0.021933	-0.031399
	-0.002678	0.010772	-0.014406	0.041064	-0.042403	-0.004330
	-0.063015					
y449	0.023981	0.016070	0.041434	-0.053492	-0.004963	-0.044909
	-0.030272	0.001670	-0.044874	-0.034894	0.013949	-0.024946
	-0.030579	0.050057	0.032598	0.060943	0.026562	0.001666
	0.007769	0.017365	-0.017653	-0.007494	-0.057489	0.026042
	-0.022220	-0.026061	0.012806	0.022415	-0.037527	0.001123
	0.008307					
z449	0.020715	-0.024748	-0.062354	0.065432	0.002495	0.011158
	0.070498	0.040028	-0.003464	-0.026158	-0.029604	0.015402
	-0.012516	-0.032058	0.023816	0.029991	0.034394	0.002456
	-0.023637	0.016709	0.037943	0.012470	-0.011902	-0.004794
	0.008684	-0.004700	0.000149	-0.011163	0.010659	-0.009680
	0.029693					

x450	0.028665	-0.002771	-0.024910	0.039807	-0.022758	0.007641
	0.045780	-0.068549	-0.031614	0.047597	0.100361	0.034710
	-0.090087	-0.016426	-0.001273	0.016049	0.008335	-0.048994
	-0.015571	0.011145	-0.062873	-0.012349	0.001137	-0.004397
	-0.008985	0.019475	-0.012553	0.025871	-0.050340	-0.009265
	-0.058130					
y450	0.029881	0.025409	0.064589	-0.064876	-0.012327	-0.060411
	-0.036475	-0.000998	-0.050536	-0.045404	0.004927	-0.015879
	-0.042912	0.048619	0.034807	0.072506	0.026718	0.000112
	0.011856	0.009951	-0.027187	0.011089	-0.023857	0.014367
	-0.020412	-0.016141	0.024934	0.036204	-0.034344	0.004154
	0.002573					
z450	0.024712	-0.022109	-0.066627	0.066491	0.004999	0.008179
	0.079167	0.036214	-0.014219	-0.026330	-0.025256	0.018735
	-0.026580	-0.037347	0.031484	0.034929	0.042861	0.003100
	-0.032284	0.021078	0.016300	0.003097	-0.032831	0.003776
	-0.009147	-0.013347	0.018609	0.006074	0.014187	-0.017314
	-0.002760					
x451	0.025799	-0.005718	-0.035305	0.054787	-0.024497	0.013215
	0.049713	-0.082417	-0.037867	0.069445	0.125235	0.019516
	-0.093790	-0.020690	-0.004502	0.018617	-0.010514	-0.067809
	-0.028990	0.017769	-0.078643	-0.026191	-0.030651	0.016843
	-0.008546	0.020605	-0.002436	-0.001818	-0.063867	-0.014536
	-0.040515					
y451	0.032412	0.033890	0.084789	-0.071219	-0.019488	-0.071504
	-0.042082	-0.004864	-0.054802	-0.049945	-0.000480	-0.011293
	-0.057972	0.040486	0.036908	0.083921	0.014456	-0.002557
	0.005790	0.006140	-0.021652	0.026575	0.014587	-0.020995
	-0.018750	-0.001988	0.026228	0.035515	-0.031343	0.003485
	-0.010078					
z451	0.024939	-0.014900	-0.060548	0.059043	0.002189	-0.000560
	0.077181	0.036193	-0.027971	-0.037790	-0.034221	0.018883
	-0.029224	-0.028685	0.043724	0.034886	0.054592	-0.003505
	-0.031523	0.036766	0.013731	0.012659	-0.031907	-0.007344
	-0.022592	-0.015841	0.035123	0.042281	0.014436	-0.023635
	-0.018389					

Phylogenetic mapping

Dataset: PC scores, CovMatrix, BE_Cochlea, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_BE_Cochlea

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.14002329

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.0001

Canonical Variate Analysis: CVA ...BE_Cochlea

Dataset: BE_Cochlea

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.07340885	44.618	44.618
2.	1.85336713	39.883	84.500

3. 0.72028933 15.500 100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.2256		
marine	3.3397	3.9255	
polar	3.5246	3.8803	4.3720

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	<.0001		
marine	0.0001	0.0012	
polar	0.9696	0.8620	0.2792

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0653		
marine	0.0811	0.1039	
polar	0.0870	0.0882	0.1086

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0381		

marine	0.0082	0.0021	
polar	0.3773	0.2449	0.1700

Canonical coefficients:

	CV1	CV2	CV3
x1	-1.0931		-1.2135
y1	1.3777		0.4774
z1	0.2378		-6.7416
x2	-1.0055		-1.7095
y2	1.5368		-0.2744
z2	-0.6507		-7.1995
x3	-1.0543		-0.8320
y3	1.2706		-0.6887
z3	-0.6792		-7.1604
x4	-1.1407		-0.4832
y4	1.3592		-1.3282
z4	-0.6120		-6.9657
x5	-0.6652		-0.3948
y5	1.7078		-1.7168
z5	-0.7958		-6.0191
x6	1.0352		-0.8292
y6	2.1139		-1.8644
z6	-0.7487		-5.2210
x7	1.3142		-1.5268
y7	1.9506		-2.2303
z7	-0.9529		-4.4694
x8	1.2951		-0.8727

y8	1.6907	-1.4382	2.7876
z8	-0.8013	-3.2028	1.4715
x9	1.4449	-0.1228	-0.7635
y9	0.8114	-1.0717	4.9316
z9	-0.8765	-2.0844	1.7665
x10	1.3934	-1.1875	-1.9766
y10	-0.6774	-1.3003	5.7370
z10	-1.0149	-0.2572	3.0414
x11	2.1436	-2.1240	-3.3944
y11	-1.4030	-3.2096	5.4804
z11	-3.7978	1.7038	5.0623
x12	3.0736	-2.2655	-3.9170
y12	-2.3537	-2.9525	4.6768
z12	-6.3977	3.1157	6.0257
x13	2.5951	-0.8556	-3.7938
y13	-4.3902	-1.4220	4.6843
z13	-8.7470	4.3134	6.5977
x14	3.2878	-0.8061	-3.7725
y14	-5.0464	-0.8684	3.9281
z14	-8.9752	4.4785	7.4802
x15	2.6340	0.2188	-3.5514
y15	-3.5647	-1.5623	3.2717
z15	-8.0075	4.2111	7.8102
x16	1.6702	1.4282	-2.8837
y16	-2.8107	-1.9224	2.5905
z16	-6.0051	3.8255	7.5847
x17	0.0180	3.1507	-2.1350
y17	-2.2240	-1.7487	1.7564

z17	-4.0761	2.8582	7.3397
x18	-0.1410	3.7925	-1.6110
y18	-1.5903	-2.3560	1.0919
z18	-2.7706	3.1631	6.2912
x19	0.1819	3.5822	-1.4282
y19	-1.6805	-3.0864	1.0049
z19	-1.6346	2.2673	4.5265
x20	-0.4086	2.4904	-0.8415
y20	-1.2299	-3.5846	0.9168
z20	-0.9323	0.2683	3.2057
x21	0.7606	3.7166	-0.2919
y21	-1.3460	-3.7656	0.9571
z21	0.5372	1.4552	2.3609
x22	1.7091	4.6906	1.3368
y22	-1.4108	-4.1367	1.8710
z22	1.5444	1.7502	3.5274
x23	0.5214	2.9702	1.0743
y23	-1.9726	-5.0610	2.4176
z23	1.6692	0.7892	3.7162
x24	0.0130	1.8092	1.3688
y24	-2.6559	-5.3987	2.2864
z24	1.9739	0.7851	2.7532
x25	-0.4913	1.0595	1.3091
y25	-3.4000	-5.7564	2.6251
z25	1.9645	0.2209	1.8746
x26	-0.9709	1.5608	1.2891
y26	-3.9388	-4.6601	3.1608
z26	2.6369	0.6307	0.8113

x27	-1.5967	2.3914	0.4367
y27	-5.1019	-2.9522	2.3407
z27	2.4032	0.9685	-0.7674
x28	-2.3334	2.0182	0.0848
y28	-6.5540	-3.7869	2.7033
z28	2.0820	-0.2011	-2.3335
x29	-1.3514	1.9257	-0.2429
y29	-6.1195	-3.6013	3.2724
z29	-0.2869	-1.6638	-3.1786
x30	0.6438	1.2793	0.0908
y30	-4.6045	-2.2222	2.9769
z30	-1.3828	-2.3743	-3.8714
x31	0.4258	0.7538	-0.9683
y31	-4.3879	-2.6140	1.4960
z31	-1.1969	-3.1386	-4.6119
x32	0.6879	0.6387	-1.2830
y32	-3.7517	-1.9467	0.2533
z32	-0.2222	-4.3297	-4.4071
x33	0.0656	1.0461	-1.9899
y33	-2.5287	-1.4158	-1.0150
z33	0.4941	-5.2337	-4.2945
x34	-0.1407	1.2510	-2.3859
y34	-2.1694	-1.1326	-3.3637
z34	0.9451	-5.0280	-4.3602
x35	-0.3548	0.9169	-3.3977
y35	-1.1369	-0.1928	-4.8707
z35	0.7044	-5.0212	-5.5455
x36	-1.5710	0.3229	-4.4510

y36	0.1541	1.2253	-6.4164
z36	0.4665	-6.0696	-6.0050
x37	0.4082	3.2416	-5.3364
y37	-2.7788	2.2760	-7.9165
z37	-3.5159	-7.4105	-0.9607
x38	0.1646	1.5050	-4.0652
y38	-0.0705	2.5434	-4.4735
z38	-2.1819	-7.0095	1.0870
x39	-0.1832	0.4337	-2.3042
y39	2.8306	2.9205	-0.7414
z39	-2.4134	-6.3293	3.0038
x40	-0.2146	-0.9289	-0.7975
y40	4.4434	3.6223	1.0272
z40	-3.2332	-5.4940	3.7391
x41	-0.1747	-2.1187	0.5347
y41	5.0320	4.6664	1.5167
z41	-3.6797	-4.6053	3.7817
x42	-0.7736	-2.9331	0.8773
y42	5.6563	4.9152	1.6146
z42	-4.3586	-4.3355	3.8256
x43	-0.9307	-3.4003	-0.3701
y43	5.9280	4.7820	2.4500
z43	-4.2785	-4.1149	3.6197
x44	-0.3010	-3.5935	-1.0544
y44	3.3546	3.3822	2.4381
z44	-4.1033	-4.7299	3.7413
x45	-0.0306	-3.8207	-2.4493
y45	0.6348	-1.0240	3.0055

z45	-3.0833	-1.8200	1.0234
x46	-0.6059	-0.7701	-2.7919
y46	0.0405	-1.7111	2.3582
z46	-2.2457	-1.1689	1.2680
x47	-0.5554	0.1237	0.3746
y47	0.2080	-0.9127	2.7117
z47	-2.8666	-0.7442	2.5386
x48	1.1352	-1.4814	1.5259
y48	0.6557	-0.8409	1.9675
z48	-2.7143	0.4641	2.0563
x49	1.4456	-1.6366	2.3273
y49	-0.1657	-0.1286	1.4690
z49	-2.7080	1.6807	1.4346
x50	1.7386	-1.4184	2.9437
y50	-0.5661	0.2659	0.7848
z50	-2.5476	2.4622	0.8039
x51	2.0032	-1.3295	3.3584
y51	-0.0373	1.3407	1.2861
z51	-2.5050	2.3694	0.5163
x52	2.0696	-1.1624	3.2956
y52	-0.0931	2.3069	1.9782
z52	-2.5112	1.3103	0.5927
x53	1.9167	-0.6665	2.6545
y53	-0.3421	2.9959	1.7719
z53	-2.4773	-0.6622	1.5421
x54	1.7888	0.5956	1.2261
y54	-0.6590	1.3080	3.7216
z54	-2.4143	-1.5164	0.0821

x55	1.5188	1.9505	1.0195
y55	-0.8503	-0.6884	5.3071
z55	-1.9348	-0.6198	-2.2953
x56	-5.7613	-6.4506	1.3959
y56	-2.2600	-1.8992	-0.9027
z56	3.2472	3.0926	0.9433
x57	-5.1171	-6.0573	0.1661
y57	-3.4549	-1.1553	-2.2862
z57	2.1042	0.7178	2.1080
x58	-3.8158	-5.6941	0.2293
y58	-3.8475	-1.2616	-1.8234
z58	0.9576	-0.3062	1.7912
x59	-2.9059	-4.9217	-0.4384
y59	-3.4713	-1.4915	-0.7074
z59	0.4322	-1.3273	2.6938
x60	-1.8958	-5.0732	-0.0300
y60	-3.5858	-1.3105	-0.9185
z60	0.2563	-1.5383	2.9010
x61	-1.4598	-4.7474	-1.2912
y61	-3.6028	-1.3708	-0.9144
z61	0.5488	-1.3048	2.5194
x62	0.4256	-3.3432	-1.2638
y62	-3.4913	-1.6659	-1.0782
z62	0.5657	-1.0533	1.6845
x63	0.8465	-0.8349	0.2091
y63	-3.4342	-1.7383	-1.2125
z63	0.8706	-0.9901	1.5270
x64	1.3087	0.2192	3.0256

y64	-2.8533	-1.9232	-1.2845
z64	0.8138	-1.0478	2.5559
x65	1.4535	1.8748	-0.2229
y65	-2.6119	-2.5728	-1.3323
z65	0.5730	-0.8655	2.6838
x66	2.0396	1.5753	1.3829
y66	-2.3391	-2.9426	-0.3414
z66	-0.4561	0.5064	1.5548
x67	2.0766	1.7147	1.4577
y67	-2.1852	-3.3437	0.7887
z67	-0.1654	0.9487	0.5859
x68	1.7444	1.0098	1.3952
y68	-2.2247	-4.0322	1.3765
z68	0.3407	2.0599	-0.2432
x69	1.6435	0.4858	1.8810
y69	-2.4881	-4.7547	1.7913
z69	0.7786	2.8909	-1.0895
x70	1.6577	-0.0533	1.7461
y70	-2.9666	-5.4249	2.0171
z70	0.7845	3.2018	-1.7665
x71	2.0340	-0.9874	1.8546
y71	-3.6085	-6.0164	2.0387
z71	0.2840	2.8708	-2.2304
x72	2.7538	-1.7151	2.7128
y72	-4.4050	-6.7453	1.7539
z72	-0.4394	2.5197	-2.4890
x73	4.3088	-2.5180	3.2817
y73	-5.4934	-7.6305	1.1302

z73	-0.7546	2.1594	-3.1805
x74	4.9642	-2.7494	2.4547
y74	-6.5289	-8.3211	-0.5158
z74	-1.0419	2.6683	-5.9116
x75	-0.8778	-3.6260	-3.5914
y75	0.0304	2.6268	2.3740
z75	-0.7643	4.4200	2.9909
x76	-0.0215	-1.9427	-1.4873
y76	-0.1917	0.5489	2.0432
z76	-0.9779	5.1137	2.9384
x77	0.3171	-0.1008	-0.5905
y77	0.0594	-1.2640	2.6377
z77	-1.2621	5.3427	2.2037
x78	0.3950	1.1081	0.0720
y78	0.2059	-3.0495	3.2921
z78	-1.2911	5.8459	1.3341
x79	0.5259	1.3701	1.1056
y79	0.2736	-2.7014	2.5435
z79	-1.4713	5.1463	1.8504
x80	0.5912	1.2779	1.3968
y80	-0.4968	-0.4390	2.6212
z80	-1.3376	3.7954	1.8513
x81	0.5267	1.1636	1.2480
y81	-0.4289	1.9149	2.9634
z81	-1.1672	2.5265	1.7755
x82	0.2960	1.2149	1.0928
y82	1.7270	4.1788	3.4712
z82	-0.7272	1.5386	1.9551

x83	0.2205	1.2378	1.1109
y83	3.6072	4.4725	3.6122
z83	-0.6736	0.4176	1.9716
x84	0.5906	1.4543	0.1978
y84	3.3640	5.5546	2.8241
z84	-0.6501	-0.6569	2.2626
x85	1.0540	2.0812	0.2986
y85	3.9456	5.4569	1.5222
z85	-0.8072	-1.4302	3.3114
x86	1.2893	2.5601	0.5214
y86	4.1349	5.0609	1.1920
z86	-0.7897	-1.9416	3.1193
x87	1.4763	2.9839	0.5396
y87	4.1362	5.0592	0.4599
z87	-0.7065	-2.5779	3.2550
x88	1.5673	3.3755	0.4778
y88	3.7539	5.0035	0.5798
z88	-0.6022	-3.2304	3.3774
x89	1.5950	3.7557	0.0789
y89	3.5868	5.2502	-0.6988
z89	-0.3148	-3.2505	3.3245
x90	1.4535	4.0199	-0.4478
y90	2.6172	4.9899	-1.6282
z90	0.0447	-2.4983	3.2589
x91	1.2403	4.1985	-1.1528
y91	1.6721	4.1668	-2.6656
z91	0.7186	-1.2592	3.2615
x92	0.7422	4.0805	-2.0232

y92	0.1117	1.7837	-3.9389
z92	1.1602	-0.8138	3.2692
x93	0.0379	4.0992	-3.1695
y93	-1.5165	-0.0339	-4.9046
z93	0.2505	-0.3772	2.1803
x94	-0.3961	1.0627	-2.1101
y94	0.8132	4.3214	-0.8442
z94	1.3506	-1.6104	2.2277
x95	-1.1614	2.2106	-3.0457
y95	1.3819	2.4236	-1.4962
z95	1.0050	-3.7833	1.7451
x96	-1.2040	2.9579	-3.6923
y96	1.4218	2.8422	-1.3815
z96	0.5805	-3.6252	1.6490
x97	-1.0859	3.5374	-3.7066
y97	1.1450	3.4054	-1.0350
z97	-0.1213	-3.0615	1.6334
x98	-0.9073	3.6032	-3.3807
y98	1.6326	2.7389	-0.5626
z98	-0.5359	-3.0872	1.5941
x99	-0.8048	3.2332	-2.9890
y99	1.6292	0.8399	0.1158
z99	-1.3672	-2.7681	0.9829
x100	-0.5095	2.4319	-2.3850
y100	0.6445	-0.9479	0.0052
z100	-2.2417	-1.5241	-0.1333
x101	0.1718	1.2164	-1.2682
y101	0.0404	-2.0045	-0.1280

z101	-3.2854	-0.4102	-1.2271
x102	1.3141	-0.7209	0.0933
y102	-1.2354	-3.2289	-1.4678
z102	-3.6860	0.6650	-0.9934
x103	2.4278	-2.5440	1.6525
y103	-3.0196	-4.8388	-3.1971
z103	-2.1698	2.6155	-0.6219
x104	-1.5945	0.4832	0.4716
y104	3.4863	-1.9993	-0.8364
z104	-1.2022	-1.5241	-0.8896
x105	-1.7245	0.0209	1.5879
y105	3.5231	-2.0390	-0.8512
z105	-0.7578	-1.7788	-2.3419
x106	-1.4549	-0.6923	2.8617
y106	3.2774	-1.8775	-1.2071
z106	-0.6653	-2.0473	-2.0738
x107	-1.1290	-0.4544	2.7956
y107	3.0761	-1.7817	-1.2514
z107	-0.5267	-2.9824	-0.4677
x108	-0.9386	0.7067	3.0280
y108	2.9251	-1.5323	-1.3018
z108	-0.4524	-3.9244	0.5158
x109	-1.0969	1.9578	3.0746
y109	2.6681	-1.3900	-1.4085
z109	-0.5660	-3.9529	1.4200
x110	-1.2563	2.3435	2.5920
y110	2.3081	-1.1855	-1.6079
z110	-1.0121	-3.2177	2.2394

x111	-1.1928	3.4216	1.7634
y111	1.8162	-1.0011	-2.1268
z111	-1.5120	-1.5894	2.6205
x112	-0.5240	3.5339	0.4040
y112	1.1154	-0.7527	-2.6320
z112	-1.8253	-0.3111	2.3310
x113	0.6910	3.9026	-1.1921
y113	0.3748	-0.4737	-3.0812
z113	-1.3940	2.1400	0.7121
x114	-4.0184	-0.6010	-3.0424
y114	3.8462	2.4877	2.3591
z114	0.1136	-0.2159	-4.7922
x115	-2.6823	0.4866	-2.5734
y115	3.8711	3.4438	2.4166
z115	0.5842	-1.0797	-4.0567
x116	-1.6447	1.3533	-2.3452
y116	3.9074	2.8341	2.5674
z116	0.7446	-1.1624	-3.1283
x117	-0.6727	1.9295	-1.7333
y117	3.8861	3.1050	3.3464
z117	0.8924	-2.0844	-2.1534
x118	-0.0151	2.4046	-1.5038
y118	3.3862	4.0391	2.7931
z118	1.1399	-2.9863	-1.0077
x119	0.2015	3.0769	-1.6722
y119	2.4866	4.6835	2.3252
z119	0.9235	-2.9487	-0.1118
x120	0.1345	3.6502	-1.8792

y120	1.4255	4.5105	2.4856
z120	0.2538	-2.1075	0.7572
x121	0.0554	3.8936	-2.2381
y121	1.3739	3.5687	2.6560
z121	-0.1177	-0.9047	1.0593
x122	0.0736	3.8604	-2.7465
y122	1.8899	2.2393	2.9041
z122	-0.0848	0.6259	1.0601
x123	-0.1232	3.3342	-3.4707
y123	2.2975	1.3044	2.5044
z123	-0.1362	1.8120	-1.3731
x124	-0.1463	-7.3377	2.1037
y124	4.8983	-7.1198	3.1288
z124	1.5093	6.1178	0.8344
x125	-4.2195	-4.0719	4.4046
y125	1.4285	-5.7224	-1.0454
z125	2.5646	2.2446	2.5264
x126	-3.8821	-1.1638	3.8822
y126	1.1897	-5.0774	-3.8705
z126	6.3106	1.8669	6.4773
x127	-5.6402	1.1520	4.1562
y127	1.2555	-4.3248	-3.7375
z127	9.4097	6.6084	4.0885
x128	-4.1402	3.6682	6.5085
y128	2.0978	-1.8366	-5.2387
z128	9.4187	4.9571	-0.4214
x129	-3.6452	6.8097	7.0827
y129	2.0661	-0.6685	-3.8774

z129	7.2808	1.1672	-3.3780
x130	-2.8538	11.1613	1.4287
y130	0.3478	-0.4357	-4.0136
z130	7.6737	-1.7138	-2.6445
x131	-1.3464	11.3267	-3.5047
y131	2.0112	0.9476	-4.6261
z131	6.0877	-3.6117	-2.8117
x132	-2.3244	4.9029	-4.4270
y132	-0.2735	-2.3425	-5.8361
z132	5.1935	-0.4207	-7.3986
x133	-2.6564	3.5877	-6.1174
y133	-0.5524	-2.0492	-6.8413
z133	5.4960	0.6023	-5.7480
x134	-1.1488	4.7013	-3.0050
y134	0.8534	-0.1871	-3.7599
z134	4.6760	-0.9370	-2.1610
x135	-0.6069	3.8086	-3.3272
y135	0.9838	-0.1393	-2.8858
z135	3.4405	-0.8493	-3.6646
x136	0.2660	3.1554	-4.3186
y136	1.9885	0.4526	-3.2345
z136	2.0513	-1.6024	-4.8558
x137	1.1489	3.3977	-4.8673
y137	2.8988	2.5931	-3.3295
z137	1.4150	-2.8010	-5.2261
x138	0.4787	3.0805	-4.4138
y138	1.3510	3.7886	-1.0509
z138	3.2225	-1.9858	-6.7195

x139	0.5283	2.6798	-4.2735
y139	0.5335	3.4501	-0.4641
z139	4.5344	-1.1962	-5.8593
x140	0.9639	2.8687	-4.1853
y140	1.4211	3.8939	-1.9439
z140	5.4819	0.1049	-3.5263
x141	1.4099	3.5787	-3.9076
y141	1.7702	6.4226	-2.7948
z141	7.3324	1.0595	-1.8232
x142	1.3646	3.3494	-3.7888
y142	1.3261	4.1905	-2.9941
z142	8.9034	2.2156	0.4543
x143	0.9229	2.0239	-2.8576
y143	-0.1807	4.3484	-5.3827
z143	8.9415	0.7780	3.6344
x144	0.6478	1.4220	-2.1154
y144	-1.9005	1.3922	-4.8405
z144	9.2420	3.3484	1.7900
x145	-0.1382	-0.9692	0.9150
y145	-2.4760	2.7956	-7.9472
z145	7.5968	1.6892	7.6023
x146	-0.3169	-2.5911	2.2468
y146	-2.7537	3.5076	-8.4756
z146	6.3009	0.8528	6.7073
x147	-0.2552	-3.0199	2.7336
y147	-3.7425	2.6450	-7.8502
z147	4.7839	1.3855	6.7541
x148	-0.8991	-3.6372	3.1914

y148	-3.4190	2.2531	-7.0756
z148	2.8921	1.6692	3.1597
x149	-1.6642	-3.5335	2.7735
y149	-2.3860	1.4303	-5.3939
z149	1.3755	3.0651	0.4229
x150	-1.9032	-3.1759	3.6815
y150	-0.6888	-0.2886	-2.5072
z150	-0.5337	6.4555	-5.9881
x151	-1.0304	-2.4022	2.7190
y151	-0.5514	0.0279	-2.2777
z151	-2.0895	7.8299	-12.1381
x152	-0.1807	-1.7323	3.8368
y152	-0.3848	-0.1754	-1.5445
z152	-0.4318	5.1026	-5.4988
x153	0.8023	-1.0389	5.7997
y153	0.1844	0.0909	-1.0978
z153	1.8953	4.9258	-2.7508
x154	1.0266	-0.6068	6.0460
y154	0.2486	0.1242	0.3810
z154	4.6258	5.8909	-3.7006
x155	1.0269	-1.3946	5.0143
y155	0.0535	-0.3291	1.7529
z155	4.0836	3.2829	1.3607
x156	1.3757	-1.4110	4.1464
y156	0.6701	0.4315	1.8699
z156	4.4111	2.5430	3.5509
x157	0.8756	-1.8878	4.7491
y157	0.6661	0.8775	3.1534

z157	3.9186	2.0604	5.3490
x158	0.0789	-1.5664	3.2996
y158	-0.0191	2.3995	1.4535
z158	4.1731	2.5051	5.8559
x159	0.2004	-1.2203	0.6468
y159	0.5042	2.5478	-0.8519
z159	4.4292	3.5691	3.2946
x160	-0.3837	-1.5776	0.0765
y160	-0.4269	0.7272	0.6182
z160	3.1685	2.9469	4.3950
x161	-0.9642	-0.9820	-0.3380
y161	-1.1078	1.0999	0.2766
z161	1.6753	3.9369	3.4766
x162	-1.4212	-0.6388	-0.3844
y162	-1.1106	-0.7642	0.9695
z162	0.5805	3.0599	3.1174
x163	-1.9072	-0.3107	-0.2885
y163	-0.3479	-0.4368	0.9046
z163	0.3397	3.8939	2.5682
x164	-2.1386	-0.2343	0.2624
y164	-1.3960	-0.2661	-2.1188
z164	-1.1025	3.6942	0.1902
x165	-2.3253	0.7620	0.3357
y165	-1.6201	-2.1546	-3.0951
z165	-1.6726	2.5485	-0.5312
x166	-2.8061	0.6025	0.2291
y166	-1.2545	-1.7586	-3.4016
z166	-2.3138	2.6386	-0.6391

x167	-3.0115	-0.3617	0.0837
y167	-1.5265	-0.9222	-3.2721
z167	-3.2579	2.3373	-0.2902
x168	-3.9161	-0.0175	-0.6046
y168	-0.9992	-1.4787	-2.8206
z168	-3.0556	1.6402	-0.0699
x169	-3.1990	0.4171	0.1236
y169	-0.9473	-1.5340	-1.6666
z169	-2.8689	2.1288	1.9656
x170	-1.5937	-0.4301	2.0246
y170	-1.2477	-1.6479	-1.0336
z170	-3.9069	1.1268	3.5402
x171	-0.8774	-0.2954	1.0488
y171	-1.6466	-1.6383	-1.0614
z171	-4.5721	0.6580	3.5506
x172	-0.2399	-1.8870	1.4647
y172	-1.5536	-1.4731	-1.1823
z172	-3.5408	3.8548	0.7776
x173	0.0202	-1.8371	0.9952
y173	-1.3059	-0.8509	-1.8405
z173	-2.7432	4.0422	-0.2290
x174	1.2167	-1.9962	1.2853
y174	-0.8138	-0.2927	-2.4742
z174	-2.0433	4.4628	-1.3834
x175	1.2611	-3.3245	0.7874
y175	-0.5728	0.1270	-2.9502
z175	-1.0320	5.7533	-2.2394
x176	1.3258	-3.6463	0.5640

y176	-0.6467	0.0746	-3.9549
z176	0.9697	6.1617	-2.7223
x177	2.0202	-2.6608	1.3760
y177	-0.3924	0.5055	-4.5501
z177	2.3121	3.8343	-2.0470
x178	1.1452	-1.0129	2.0504
y178	-0.8796	2.6947	-2.5207
z178	4.0929	-0.5263	-3.3991
x179	-0.6571	1.8869	2.7361
y179	-3.4254	3.1744	-2.4638
z179	3.5291	-3.1113	-2.8657
x180	-1.6636	2.3869	3.2779
y180	-2.6457	3.4270	-2.8472
z180	3.8119	-5.4702	-1.6878
x181	-1.5223	0.1438	5.1269
y181	-0.7767	1.8489	-1.8632
z181	2.8597	-2.6683	-3.3217
x182	-1.1953	-1.5584	5.7405
y182	0.4523	1.8951	-0.3358
z182	3.1785	-6.1797	0.5052
x183	-1.3229	-2.6180	5.2956
y183	1.3373	3.4386	1.8034
z183	2.5272	-7.2453	1.1655
x184	-0.6702	-3.1863	6.1564
y184	1.8153	4.0150	3.4043
z184	1.4973	-4.1391	-1.2582
x185	-1.7737	-3.3058	6.9810
y185	0.3755	5.0606	4.9301

z185	2.0046	1.4813	-1.8223
x186	-4.0486	-6.1941	6.0560
y186	-1.5738	5.8512	3.3365
z186	0.3492	1.0356	1.7353
x187	-2.9383	-5.5269	5.1619
y187	-0.9372	5.4365	2.5854
z187	-0.6611	-2.0665	1.3833
x188	-2.8022	-3.3329	5.6722
y188	-1.9427	5.8621	4.1007
z188	0.2462	-1.3067	5.8389
x189	-1.6386	-1.9763	4.7938
y189	-2.9153	4.6079	7.7070
z189	0.0501	-1.3434	3.5409
x190	-1.3001	-0.7067	3.0221
y190	-0.4454	4.3872	10.8577
z190	1.4981	-1.8356	2.5382
x191	-0.6275	1.5503	0.4591
y191	0.6051	4.0647	10.2065
z191	2.7980	-0.8960	0.5417
x192	0.8706	2.7134	1.4147
y192	1.4767	4.6879	8.5715
z192	3.1709	0.6300	-2.3065
x193	1.9789	2.6372	3.9554
y193	1.4927	3.7927	8.7085
z193	2.9262	-1.2833	-2.1910
x194	3.5931	3.4640	5.8149
y194	2.6253	4.7716	8.3978
z194	3.7489	-2.4934	-1.3859

x195	4.8024	2.3501	4.3635
y195	3.5114	4.8382	2.1708
z195	3.7394	-5.2476	-3.1043
x196	5.3766	-2.4114	1.8851
y196	1.0445	-1.5988	-2.9192
z196	3.4943	-9.5262	-3.9666
x197	-1.6666	-5.1287	3.9081
y197	0.8697	-0.7479	1.5577
z197	2.4205	-0.9596	-1.0899
x198	-1.1150	-4.8106	3.3601
y198	-0.0190	-2.5975	0.3532
z198	1.4712	-0.9915	-2.2525
x199	-0.1009	-3.5874	2.6314
y199	-0.8580	-3.5441	-1.7945
z199	-0.6049	-2.1629	-1.7174
x200	0.2377	-2.0979	2.3490
y200	0.0108	-3.0039	-1.4802
z200	-1.3121	-1.4140	-3.1711
x201	0.5578	-0.4169	2.1100
y201	0.0894	-1.7170	-1.3774
z201	-1.7255	-1.5666	-2.3019
x202	-0.1531	0.3435	1.2237
y202	-0.1543	-0.6434	-2.3755
z202	-2.8795	-0.2822	-3.1401
x203	-0.6772	0.1429	-0.2702
y203	0.2479	0.5583	-4.0450
z203	-4.4687	-5.1322	-2.7815
x204	-0.5693	0.3808	-2.3181

y204	-0.1671	1.3563	-6.1784
z204	-4.5368	-8.6981	-2.0139
x205	-0.1853	1.2210	-4.0753
y205	-1.1192	2.3805	-7.7684
z205	-4.1127	-9.9198	0.6072
x206	0.4090	3.2339	-5.3386
y206	-2.7557	2.2691	-7.9034
z206	-3.5433	-7.4129	-0.9588
x207	-0.7197	1.4687	-5.0017
y207	-2.3283	2.0064	-5.7838
z207	-2.9315	-1.5764	-3.4784
x208	-1.8450	-0.1605	-4.4442
y208	-2.4775	1.9017	-4.5728
z208	-1.3511	-0.0666	-2.8794
x209	-3.3919	-1.1982	-4.5880
y209	-2.0641	1.4489	-3.0252
z209	-1.2687	1.5344	-5.0267
x210	-4.2876	-2.1563	-4.7995
y210	-2.0080	1.0784	-1.7658
z210	-1.8427	1.3254	-3.9189
x211	-5.4885	-2.7914	-4.3146
y211	-1.5661	0.7760	-1.4808
z211	-2.0428	0.6538	-2.3954
x212	-5.8419	-3.6320	-3.8964
y212	-1.6618	0.2893	-0.8084
z212	-0.2203	0.7560	-3.5638
x213	-6.1349	-4.4153	-2.7529
y213	-1.5779	-0.1249	-0.7985

z213	0.5933	0.4041	-1.3369
x214	-5.7655	-5.4116	-0.6233
y214	-1.8123	-0.5838	-1.3848
z214	2.6977	1.3910	1.1650
x215	-5.6033	-6.4311	1.6228
y215	-2.2904	-1.9149	-0.9529
z215	3.2479	3.0867	0.9361
x216	-5.3721	-7.5695	0.8730
y216	-3.0137	-2.1604	-1.7864
z216	3.3298	0.3530	5.6276
x217	-5.5674	-7.5189	-1.9610
y217	-3.4875	-2.6991	-2.8073
z217	2.8143	0.1010	2.1402
x218	-4.7889	-6.7759	-2.1303
y218	-2.8516	-3.2365	-2.3960
z218	1.7168	2.6908	1.9932
x219	-3.5515	-5.4520	-2.4294
y219	-2.3367	-2.7714	-2.0202
z219	1.2959	5.3004	0.1058
x220	-1.7602	-3.9985	-1.5950
y220	-1.5253	-1.6105	-0.9857
z220	3.3297	6.8024	1.1186
x221	-1.3401	-3.3545	-1.1577
y221	-1.2178	-1.0169	0.0451
z221	1.6264	6.6944	1.1738
x222	-0.5217	-2.7589	-0.8846
y222	-0.4822	0.4518	1.2732
z222	1.2613	6.5363	1.8783

x223	-0.5094	-3.0016	-2.0087
y223	-0.3904	1.3808	1.0745
z223	0.9121	4.8395	1.4278
x224	-0.9020	-3.6760	-3.6071
y224	-0.0185	2.4009	2.2606
z224	-0.7116	4.5448	3.0695
x225	-2.4714	-2.1879	-3.5204
y225	1.2139	1.8474	1.7655
z225	-2.1657	5.0962	0.8066
x226	-3.0851	-1.6110	-2.3501
y226	2.4640	0.9509	2.7406
z226	-0.0273	3.8792	3.6138
x227	-3.7292	-0.8561	-2.7921
y227	2.9340	0.6849	1.6131
z227	0.8193	4.2389	1.5304
x228	-4.1462	-0.0084	-3.3978
y228	3.0689	0.2773	0.5832
z228	0.8978	5.5675	-1.1226
x229	-4.1744	0.5376	-3.3265
y229	2.3628	-0.2407	-0.1331
z229	0.6716	5.8702	-0.9412
x230	-3.7144	0.1299	-2.9416
y230	1.6970	-1.2335	-0.2717
z230	0.1731	3.4192	-0.0890
x231	-3.3107	0.4847	-3.3094
y231	0.3797	-1.8279	-0.6691
z231	-1.9754	2.9852	0.1243
x232	-1.6445	0.9079	-3.2906

y232	0.0076	-2.0432	-0.8063
z232	-1.0677	3.0756	0.8834
x233	-0.5219	1.1813	-3.4354
y233	-0.1189	-2.0057	-1.2048
z233	-0.4394	3.2437	0.6178
x234	-0.7839	1.1640	-2.4525
y234	-0.4423	-0.7389	-1.6041
z234	-0.5294	5.0159	0.5568
x235	-0.4979	0.9656	-1.8044
y235	-0.5762	0.0587	-1.9497
z235	-0.4564	5.4416	0.6011
x236	-0.1311	0.7083	-1.4982
y236	-0.6791	0.8595	-2.3501
z236	-0.4603	5.4472	0.4070
x237	0.2009	0.6716	-1.2030
y237	-0.4809	1.6281	-2.4438
z237	0.3199	4.8052	0.2052
x238	0.6976	0.6203	-0.5988
y238	-0.4093	2.2427	-2.0222
z238	0.1889	3.4145	0.3783
x239	0.6247	0.4607	-0.5330
y239	-0.5063	2.7723	-1.5286
z239	-0.2334	1.8565	0.3301
x240	0.6065	0.6331	-0.8595
y240	0.1625	2.9711	-0.7954
z240	0.6809	0.1043	0.9989
x241	0.2989	1.0158	-1.4579
y241	0.7511	3.3729	-1.1732

z241	1.6260	-1.0988	0.5112
x242	-0.4352	1.0667	-2.0979
y242	0.9511	4.1035	-0.8702
z242	1.3675	-1.6141	2.3700
x243	-0.7430	1.4757	-1.0995
y243	0.7324	3.5722	-2.5111
z243	0.4387	-4.0099	2.2540
x244	-1.0938	0.7049	0.0811
y244	0.7644	3.9811	-3.4500
z244	0.1672	-3.4121	1.7897
x245	-0.9805	-0.2878	1.1740
y245	0.9431	4.0148	-3.7648
z245	-0.6668	-3.6107	2.6552
x246	-0.6476	-1.1742	2.1178
y246	1.1581	3.4055	-3.6834
z246	-1.2974	-3.7275	2.0557
x247	-0.6470	-1.9765	2.6738
y247	1.6480	2.5601	-2.9781
z247	-1.3069	-2.7094	1.1237
x248	-0.5685	-1.8949	2.5829
y248	2.1248	1.5304	-2.1288
z248	-1.9544	-2.9167	0.7956
x249	-1.0595	-1.7529	2.3266
y249	2.6724	0.3034	-1.0293
z249	-1.2542	-1.8289	-0.0150
x250	-1.8163	-0.6290	1.7274
y250	3.1257	-0.8053	-0.5071
z250	-0.4734	-1.8814	-0.7812

x251	-1.5301	0.3918	0.6287
y251	3.4482	-1.8233	-0.8961
z251	-1.2347	-1.5209	-0.9044
x252	-2.2309	0.0940	-0.4520
y252	2.8918	-0.3119	-0.5751
z252	-0.8295	-0.3940	-3.0094
x253	-2.4604	0.3260	-1.7332
y253	2.6083	1.3156	-1.0883
z253	-1.0053	-0.1338	-4.2909
x254	-2.6720	0.6079	-2.6014
y254	2.4939	2.6226	-1.6725
z254	-0.7953	-0.3061	-4.8260
x255	-2.7297	0.6709	-2.7255
y255	2.6211	3.5219	-1.8405
z255	-0.6801	-0.0762	-6.0443
x256	-2.7074	0.7506	-2.6067
y256	2.9782	4.2296	-1.8445
z256	-1.0960	-0.0529	-6.4789
x257	-2.6716	0.5775	-2.4565
y257	3.3343	4.5612	-1.4737
z257	-1.0691	-0.1394	-6.0560
x258	-3.0170	0.1927	-2.3343
y258	3.5203	4.4646	-0.8890
z258	-0.4992	0.2240	-5.6815
x259	-3.5152	-0.2513	-2.3446
y259	3.5090	3.8220	0.5890
z259	0.0765	0.3032	-5.7096
x260	-3.9078	-0.5944	-3.7973

y260	3.6753	2.9812	2.8794
z260	0.0822	-0.0087	-5.1843
x261	-2.9217	0.3547	-2.6118
y261	3.0182	3.1722	3.7920
z261	0.1797	-0.2267	-2.4245
x262	-1.9113	1.3464	-1.2670
y262	1.9532	3.2890	4.5998
z262	1.0656	-0.3943	-0.4524
x263	-0.7916	1.9748	-1.0879
y263	0.6638	3.5027	4.5806
z263	1.7365	-0.8523	0.3401
x264	-0.0281	3.1314	-0.9343
y264	-0.4149	3.1865	3.6944
z264	1.8134	-0.4291	0.9637
x265	0.7583	2.7212	-0.1285
y265	-1.4311	3.5919	2.3070
z265	1.2165	-2.1556	1.1835
x266	2.6412	1.9000	0.7200
y266	-1.7946	2.9929	1.3807
z266	0.9031	-3.5702	-0.8335
x267	4.6518	1.1387	1.8887
y267	-1.2125	2.1310	-0.6742
z267	1.2340	-5.8489	-3.2634
x268	5.7102	0.8400	3.0120
y268	0.2045	1.5700	-1.9780
z268	2.7231	-8.1545	-3.7758
x269	5.3766	-2.4114	1.8851
y269	1.0445	-1.5988	-2.9192

z269	3.4943	-9.5262	-3.9666
x270	1.8964	-7.9332	6.4536
y270	0.3255	-4.0182	-0.6593
z270	2.4981	-5.4880	11.3731
x271	2.7372	-6.5216	5.7595
y271	-0.3340	-4.7760	-0.2578
z271	2.2727	-3.1094	9.9393
x272	3.5535	-4.5317	5.6006
y272	-0.7276	-4.6759	0.7784
z272	1.7469	-1.6990	8.3416
x273	3.5237	-2.3161	5.3285
y273	-1.0228	-3.8518	1.9039
z273	0.9476	-1.0817	6.7563
x274	3.0926	-3.0564	6.2132
y274	-1.1502	-2.2880	2.3101
z274	-0.0689	-0.4453	4.9522
x275	2.5961	-2.1922	5.1355
y275	-1.2842	-1.1372	2.6486
z275	-0.7886	-0.0428	3.7253
x276	1.9589	-1.7637	4.4861
y276	-1.3341	-0.0257	2.7390
z276	-1.3029	0.5288	2.5008
x277	1.4366	-1.1846	3.7211
y277	-1.2829	0.7887	2.8347
z277	-1.5937	1.0002	1.6087
x278	0.9601	-0.5107	2.0884
y278	-1.3879	0.9449	2.9347
z278	-1.7381	1.1600	1.2680

x279	1.7858	-0.2124	2.2112
y279	0.3831	0.4449	3.8451
z279	-1.5970	1.6317	0.8057
x280	2.0563	-0.4172	1.5857
y280	2.0964	1.1197	3.2183
z280	-0.9817	2.6312	-0.0271
x281	2.1870	-0.6411	1.2496
y281	2.2165	1.7514	1.9383
z281	-1.1095	3.3427	-1.1299
x282	2.1980	-0.3500	1.1410
y282	2.5113	1.4048	1.5401
z282	-0.7690	2.8980	-1.4806
x283	1.9725	-0.7356	1.0943
y283	2.5586	0.9460	1.4375
z283	-0.3515	2.5137	-1.6231
x284	1.9855	-1.1431	0.9463
y284	2.4299	0.2953	1.4990
z284	-0.2425	1.8182	-1.6524
x285	2.3825	-1.5018	0.8595
y285	2.3081	-0.5000	1.8313
z285	-0.2779	0.7977	-1.6606
x286	2.1464	-1.9678	0.7745
y286	2.1007	-1.1339	2.1338
z286	0.1228	0.1026	-1.9587
x287	2.3176	-2.0957	1.0476
y287	1.9777	-1.6700	2.5062
z287	0.2495	-0.7561	-2.2996
x288	1.9107	-1.6464	1.5726

y288	1.7681	-2.1273	2.7860
z288	0.0227	-1.4619	-3.3526
x289	-0.0598	-2.3982	1.8976
y289	1.1827	-2.6753	2.7649
z289	-0.2359	-1.1709	-4.3627
x290	-0.0384	-1.3006	0.7221
y290	1.0957	-2.8399	2.6688
z290	-1.1481	-1.7301	-3.7661
x291	0.2404	-1.8155	2.3531
y291	1.1451	-3.3545	3.3419
z291	-1.9599	-1.3316	-4.2439
x292	0.0776	-2.2874	3.3446
y292	0.8774	-3.6430	3.6859
z292	-2.4124	-1.2119	-4.2170
x293	-0.5534	-1.4603	2.2550
y293	0.2282	-3.2366	3.0725
z293	-2.3837	-1.4568	-3.3693
x294	-1.0182	-0.6406	1.6794
y294	-0.4764	-2.6717	2.4081
z294	-2.2338	-1.5512	-2.5402
x295	-0.5561	-0.7795	2.3122
y295	-0.5556	-2.7615	2.8199
z295	-2.2025	-1.3334	-1.9667
x296	0.3524	-0.3208	3.2133
y296	-0.4088	-2.3783	3.2714
z296	-2.2006	-0.8404	-1.8912
x297	0.4154	0.4758	4.1156
y297	-0.8723	-2.2197	3.2605

z297	-2.0429	-0.1544	-0.7127
x298	0.7375	1.2032	4.2136
y298	-1.3507	-2.2696	2.3929
z298	-1.3866	1.5845	0.5734
x299	0.9957	1.1169	3.2042
y299	-1.5878	-2.4382	1.3733
z299	-0.8101	2.7249	0.7525
x300	0.7774	1.0797	3.1480
y300	-2.2602	-2.2442	1.7737
z300	-0.3781	3.3751	0.8465
x301	0.6285	1.1559	2.7065
y301	-2.9275	-1.6500	1.6043
z301	0.0453	3.7768	0.9367
x302	0.7750	0.7693	2.7186
y302	-2.7236	-1.6766	1.9389
z302	0.2882	3.9532	1.1020
x303	1.0026	0.4001	2.5732
y303	-2.0044	-1.3326	1.7814
z303	0.1381	3.9596	1.0889
x304	1.3312	0.0996	2.2869
y304	-1.4381	0.0170	0.7502
z304	-0.3551	3.8294	0.8358
x305	1.6273	-0.4406	2.5022
y305	-0.8228	0.8122	0.7652
z305	-1.2469	3.5080	0.6862
x306	1.8886	-1.2966	3.1086
y306	-0.2898	0.6268	0.9324
z306	-2.4776	2.7401	0.5058

x307	1.2045	-1.4355	2.0656
y307	-0.0103	1.4468	-0.2397
z307	-1.4830	2.4115	1.9432
x308	0.5834	-2.0876	1.7657
y308	-0.3608	1.8891	-1.0879
z308	-0.6248	1.9059	2.6548
x309	-0.0151	-2.5162	1.6708
y309	-0.9500	0.9848	-1.4275
z309	-0.0551	1.6158	2.9607
x310	-0.1269	-3.4253	2.0093
y310	-2.0744	0.9212	-2.0024
z310	0.3785	1.6966	2.8400
x311	-0.1837	-3.5794	2.1047
y311	-2.8307	0.0020	-1.8166
z311	0.6160	1.8957	2.3963
x312	-0.1446	-2.5042	1.6559
y312	-3.3187	-2.0083	-0.8382
z312	0.7474	2.1506	1.6946
x313	0.2575	-2.7575	2.4509
y313	-3.7550	-2.8912	-0.5077
z313	0.7828	2.5376	0.5701
x314	0.7394	-0.9110	2.2308
y314	-3.7013	-4.4983	0.5450
z314	0.8029	3.1109	-0.5836
x315	1.5500	0.1515	1.9775
y315	-2.7090	-5.0779	1.8975
z315	0.9846	3.2797	-1.5412
x316	2.2292	1.6714	1.8375

y316	-2.6548	-3.9134	0.4362
z316	1.7062	2.7728	-1.6950
x317	2.4552	3.6809	0.8166
y317	-2.0596	-2.4092	-0.6639
z317	2.2156	2.2194	-1.7577
x318	2.3147	4.8558	0.5647
y318	-1.2549	-0.9110	-1.1084
z318	2.4646	1.6015	-1.4885
x319	1.8149	4.9560	1.0417
y319	-0.5739	0.2636	-1.0253
z319	2.4636	0.8460	-0.9537
x320	1.9508	4.9322	0.8920
y320	0.3558	1.5157	-1.1523
z320	2.5210	0.0662	-0.4908
x321	2.0478	4.7635	1.2780
y321	1.2250	2.8555	-0.6977
z321	2.3117	-0.7427	0.1719
x322	1.8920	4.6762	1.1184
y322	1.8355	4.4649	-0.7197
z322	1.8928	-1.6584	1.0654
x323	1.8821	4.1163	0.5000
y323	2.9200	5.2242	-1.0690
z323	0.9376	-2.3369	1.6032
x324	1.5916	3.5116	0.3274
y324	3.8339	5.0411	0.0922
z324	-0.5107	-3.5486	3.4301
x325	-0.0708	2.4752	-0.8992
y325	3.8841	4.8405	-1.1303

z325	-0.7900	-3.0654	2.5574
x326	-1.7353	1.6440	-1.8554
y326	4.7358	4.2119	-0.6032
z326	-0.7601	-2.7464	1.7073
x327	-2.8871	1.2534	-2.6125
y327	4.3314	2.5331	0.4049
z327	-0.8116	-2.5501	1.2923
x328	-3.3790	0.6459	-3.4119
y328	3.3943	1.9559	1.3602
z328	-0.7681	-2.1496	0.7076
x329	-3.5437	0.1527	-3.7038
y329	2.7716	1.4939	0.7652
z329	-0.1924	-1.3228	-0.5068
x330	-3.5792	-1.1540	-4.2892
y330	2.4493	1.8714	0.4334
z330	0.1287	-0.5135	-1.1025
x331	-2.5479	-1.1498	-5.3942
y331	1.6018	0.9074	0.9228
z331	0.3967	-0.3879	-0.2557
x332	-1.4997	-1.0058	-5.6202
y332	0.6916	0.1168	0.8839
z332	0.2938	-0.4437	0.2672
x333	-1.2690	-1.9705	-3.6906
y333	0.0939	0.1927	0.1260
z333	0.9429	0.4567	0.5430
x334	-1.5075	-1.3532	-3.3387
y334	-0.7946	0.4082	-0.7195
z334	-0.4824	2.3140	0.6153

x335	-0.9839	-1.0728	-3.8951
y335	-1.3230	0.4880	-1.4141
z335	-1.5219	3.4166	0.6022
x336	-0.4474	0.4105	-3.4999
y336	-1.5058	0.8981	-1.4781
z336	-1.9260	3.5574	0.5019
x337	-0.0838	1.2581	-2.8935
y337	-1.4544	1.3147	-1.2601
z337	-2.2527	3.4659	0.4173
x338	0.3055	1.2294	-2.9580
y338	-1.1038	1.2749	-1.3598
z338	-2.2875	3.2832	0.1022
x339	0.2102	1.2885	-2.8898
y339	-0.8234	1.0776	-0.9010
z339	-2.1567	2.4655	0.0986
x340	0.2975	1.1038	-2.3531
y340	0.0978	0.3382	0.2804
z340	-2.0465	0.7821	0.2287
x341	-0.0704	2.2414	-2.6259
y341	0.8984	1.0286	0.4623
z341	-1.6511	-1.5076	0.7411
x342	-0.8013	3.4222	-3.0884
y342	1.7713	1.9121	0.1738
z342	-0.7905	-3.2654	1.5810
x343	-0.4857	1.9060	-1.5865
y343	1.8625	3.2777	-0.7961
z343	-1.0581	-2.9361	0.8501
x344	-0.4035	0.5296	-0.3887

y344	2.0319	2.9655	-0.5786
z344	-1.2359	-2.4571	0.2466
x345	-0.4794	-0.3861	0.4116
y345	1.9690	2.2755	-0.4065
z345	-1.3233	-1.9004	-0.2639
x346	-0.8226	-0.9360	1.0177
y346	2.1950	1.6459	-0.6921
z346	-1.3611	-1.7992	-0.3146
x347	-1.2544	-0.8853	1.1525
y347	2.4963	0.5249	-0.4211
z347	-1.3264	-2.1763	-0.2671
x348	-1.2402	-1.0234	1.6023
y348	2.2371	-0.0394	-0.6492
z348	-1.2216	-2.8564	-0.0741
x349	-1.2177	0.5366	1.4394
y349	2.1254	-1.3796	-0.4844
z349	-1.0100	-3.5361	0.1946
x350	-1.0903	0.9349	2.3602
y350	2.2146	-1.6593	-0.9418
z350	-0.7377	-4.1175	0.6676
x351	-1.1641	1.2567	3.2684
y351	2.8123	-1.4599	-1.3775
z351	-0.3748	-4.1864	0.8469
x352	-0.8018	2.1972	3.0782
y352	2.1659	-1.2144	-1.5458
z352	-0.4987	-4.6639	2.9996
x353	-1.0374	2.7496	2.9272
y353	1.6408	-0.9699	-1.3535

z353	-0.4285	-4.7348	4.1479
x354	-1.2492	2.4912	2.6767
y354	1.3570	-0.8053	-0.9965
z354	-0.3358	-4.6259	4.7042
x355	-0.8539	3.3537	2.2428
y355	1.4878	0.0453	-0.4677
z355	-0.2688	-4.4933	4.7535
x356	-0.7424	3.9249	1.4719
y356	1.5604	0.9319	0.0252
z356	-0.1278	-4.3103	4.3250
x357	-0.4206	4.4252	1.1400
y357	2.0427	2.3227	1.2602
z357	0.0638	-4.1200	3.5975
x358	-0.3084	3.9163	0.5121
y358	2.1690	2.6767	2.1528
z358	0.3153	-3.8797	2.6808
x359	-0.0053	3.4129	-0.4030
y359	2.6151	3.5089	2.7299
z359	0.7044	-3.5774	1.3245
x360	0.1393	2.6191	-1.6500
y360	3.0010	4.4041	2.1837
z360	1.1717	-3.2491	-0.6614
x361	0.0707	1.7242	-2.3789
y361	2.9440	4.9148	2.9844
z361	2.1629	-2.2961	0.8560
x362	0.0868	1.2010	-3.1603
y362	2.4699	5.2162	2.1758
z362	2.9894	-1.4895	1.8176

x363	0.3547	0.7301	-3.6074
y363	2.3072	5.4111	0.6907
z363	3.1779	-0.4955	1.6100
x364	0.7244	0.0554	-3.9671
y364	1.5824	5.6513	-0.3967
z364	3.1580	-0.1442	1.0568
x365	1.4314	-0.4662	-4.7034
y365	1.4956	5.0986	-0.6000
z365	5.0811	-1.3979	1.6894
x366	2.7738	-1.7406	-3.6716
y366	1.2687	4.1502	-1.1129
z366	6.3144	-3.0212	2.2466
x367	4.1618	-1.9922	-0.9991
y367	1.0113	2.8438	-2.0006
z367	6.8042	-5.1043	1.7660
x368	5.2209	-2.9850	1.8578
y368	0.7905	0.4281	-3.2413
z368	5.1063	-6.1139	-1.3612
x369	5.5754	-3.3896	2.3491
y369	1.0245	-1.5054	-2.9651
z369	3.0957	-7.5505	-4.8994
x370	0.1519	-0.1032	-0.6766
y370	-5.7004	-3.6230	4.6455
z370	-10.1218	0.7916	-3.6936
x371	-1.7478	0.3130	-4.9642
y371	-2.7695	-2.5077	3.5932
z371	-8.3637	1.8699	-3.0005
x372	-2.0878	1.6663	-3.1591

y372	-1.2527	-2.4471	2.1300
z372	-6.3024	1.5525	-2.1883
x373	-1.9916	2.1824	-0.2552
y373	-0.7613	-1.5025	1.0461
z373	-4.9027	1.0110	-1.9238
x374	-1.0767	2.2679	1.9428
y374	0.6559	-0.7465	1.5708
z374	-2.9175	0.6780	-1.0483
x375	-0.2962	1.7436	3.3008
y375	0.9799	-0.2745	1.4632
z375	-1.9864	0.5855	-1.1462
x376	0.4854	0.7665	4.0938
y376	1.3283	-0.6914	2.2410
z376	-0.9221	-0.1101	-0.3209
x377	1.4330	-0.1970	4.2447
y377	1.5818	-0.7262	2.2375
z377	0.2385	0.7551	-0.9879
x378	2.0277	-1.2706	4.2062
y378	1.6388	-1.4019	2.9068
z378	1.4908	1.3824	-0.0282
x379	1.7820	-0.4938	2.3211
y379	1.1633	-2.1218	2.6674
z379	1.4417	0.3640	0.0628
x380	1.6775	0.3403	1.4074
y380	0.8516	-2.4036	2.6249
z380	0.9365	0.4942	1.0752
x381	1.4275	-0.7436	1.7219
y381	0.5920	-3.1564	2.7086

z381	1.7842	1.7883	0.0067
x382	0.2852	-2.3374	2.4314
y382	0.2084	-3.7372	2.8194
z382	0.3036	0.7743	-0.1368
x383	-0.7046	-3.5366	3.1212
y383	-0.5833	-4.3834	3.0779
z383	-0.3322	0.3062	0.0176
x384	-1.5298	-4.0658	3.4889
y384	-1.6215	-5.0285	3.3463
z384	-0.6412	0.4675	-0.1191
x385	-2.1044	-3.9287	3.0994
y385	-2.4400	-5.4190	4.0634
z385	-1.0938	1.1593	-2.1759
x386	-2.1411	-3.7983	3.5516
y386	-3.0588	-4.9466	3.8947
z386	-1.3403	-0.0666	-0.8874
x387	-1.3846	-2.6201	3.0746
y387	-3.2040	-4.3516	4.5643
z387	-0.7935	0.2080	-1.8489
x388	-0.6234	-1.1496	1.8902
y388	-2.6341	-2.5257	2.9383
z388	-1.1887	-0.5007	-0.9094
x389	0.3111	-0.0694	1.1823
y389	-1.7332	-1.4801	3.8530
z389	-1.5774	-0.5440	-1.6556
x390	0.8849	0.6283	1.0122
y390	-1.1552	-1.1047	5.3079
z390	-1.8137	-0.0024	-2.2382

x391	1.1243	0.9456	0.7119
y391	-0.8003	-0.9427	5.9835
z391	-2.3634	-0.4762	-2.5579
x392	1.5173	1.4406	0.5893
y392	-0.6679	-0.7980	5.5790
z392	-2.1912	-1.2326	-2.3523
x393	1.6384	1.6633	0.2469
y393	-1.0060	-0.5829	4.6471
z393	-1.8195	-0.8127	-2.5562
x394	1.7489	1.2367	-0.4638
y394	-1.4105	-0.4614	2.9430
z394	-1.6997	-0.2581	-3.2279
x395	1.9193	0.6317	-0.2884
y395	-2.1306	-0.2302	1.1926
z395	-1.2726	0.2178	-2.9451
x396	2.0236	-0.5741	0.2956
y396	-2.7318	0.3495	-0.3841
z396	-0.7018	1.0950	-3.9575
x397	1.6189	-3.1345	1.2393
y397	-2.1751	1.9227	-1.2035
z397	-0.8567	1.7730	-4.6706
x398	2.6574	-3.6089	1.5789
y398	-3.2488	0.5589	-0.9014
z398	-0.8870	1.6598	-5.9661
x399	3.8115	-3.5431	2.2934
y399	-4.2670	-1.8232	-0.6335
z399	-0.0283	2.6145	-6.7019
x400	4.5478	-3.6266	2.7994

y400	-4.9396	-4.1766	-0.4221
z400	-0.4912	2.9857	-6.3507
x401	4.8537	-3.2878	2.9155
y401	-5.7855	-6.9515	-0.2144
z401	-1.2240	3.0257	-6.4383
x402	5.4322	-1.4444	2.7052
y402	-5.0116	-7.3693	-0.2732
z402	-0.6234	2.4397	-5.3055
x403	5.3295	0.4236	2.3392
y403	-2.5440	-5.4605	-0.5968
z403	-0.6086	1.7231	-3.2522
x404	4.4622	1.8779	1.4731
y404	-0.8625	-3.8555	-1.2011
z404	-0.3802	2.0925	-3.2345
x405	3.3101	2.9319	0.2322
y405	0.2465	-2.6320	-1.8807
z405	-0.5731	2.3164	-2.9805
x406	2.7485	3.4182	-0.3533
y406	1.1357	-1.6800	-2.3291
z406	-0.0812	1.8623	-0.6768
x407	2.1595	3.2646	-1.6924
y407	1.3488	-1.5974	-3.1107
z407	-0.4579	1.5995	-0.6548
x408	1.4490	3.3313	-2.3616
y408	0.9187	-1.2125	-4.0075
z408	-0.1946	0.9769	0.7983
x409	0.7391	3.4353	-2.6699
y409	-0.0357	-0.7013	-4.7706

z409	0.0834	0.1173	1.9613
x410	0.2352	3.8684	-3.0481
y410	-1.0474	-0.2271	-5.1885
z410	0.3777	-0.0168	1.5623
x411	0.1005	3.9691	-3.0947
y411	-1.9961	0.4019	-4.6473
z411	0.6496	-0.1747	1.6845
x412	0.0755	3.5157	-3.3391
y412	-2.5093	1.2228	-3.4415
z412	0.4772	-0.5104	0.2780
x413	0.0320	2.7997	-3.8622
y413	-2.3748	1.9887	-1.5519
z413	1.1368	-1.0871	-0.0149
x414	-0.6365	1.5029	-4.6880
y414	-1.5811	2.5152	0.3021
z414	1.1276	-2.5410	0.0629
x415	-2.2462	0.0543	-5.0237
y415	0.7245	2.6188	0.1851
z415	1.9107	-2.7939	-0.7998
x416	-1.0044	-0.8803	-3.6258
y416	0.1081	1.6847	-0.6676
z416	1.8924	-3.3196	0.9658
x417	0.1584	-1.9034	-4.1773
y417	-0.8503	0.8130	-0.6592
z417	1.3193	-1.9814	1.3220
x418	0.2203	-2.9368	-4.1803
y418	-1.7479	0.0575	-1.1039
z418	-0.0001	-0.5002	1.8202

x419	-0.2660	-3.6167	-4.1671
y419	-2.3610	-0.7397	-2.1918
z419	0.1948	1.4286	-0.4661
x420	-0.9289	-4.0984	-3.4855
y420	-3.2970	-1.9233	-2.5897
z420	0.0874	2.0316	0.0458
x421	-1.0823	-4.1688	-2.5147
y421	-4.0504	-3.0599	-2.7438
z421	0.2408	3.0395	0.5230
x422	-0.6234	-3.8451	-1.4404
y422	-4.4053	-4.0414	-2.6639
z422	-0.3243	3.1820	0.9037
x423	0.4980	-3.1268	-0.1770
y423	-4.0425	-4.6679	-2.6515
z423	-0.7717	3.1685	0.5999
x424	2.3257	-2.3692	1.6161
y424	-3.0258	-4.5406	-3.0525
z424	-2.1742	2.6350	-0.5978
x425	1.7914	-1.0536	1.0109
y425	-1.9211	-4.5170	-2.3424
z425	-2.3669	2.3346	-0.0721
x426	1.2995	-0.3073	0.4892
y426	-0.8217	-4.1203	-1.5960
z426	-3.0135	2.1532	-0.5077
x427	0.9546	0.0719	0.0760
y427	-0.0299	-3.4574	-0.9535
z427	-2.4840	2.7682	-0.2760
x428	0.6146	0.3721	-0.4589

y428	0.6320	-2.8355	-0.3369
z428	-2.1950	2.4307	-0.2267
x429	0.4363	0.5964	-0.9436
y429	0.9370	-2.2039	-0.1000
z429	-2.3877	2.1349	-0.1592
x430	0.3752	1.0450	-1.4531
y430	1.0195	-1.7409	-0.0907
z430	-2.0284	2.1806	0.1435
x431	0.5137	1.5845	-1.7000
y431	0.9155	-1.2665	-0.6167
z431	-1.9943	1.9146	0.3277
x432	0.6367	2.4853	-1.6080
y432	0.7625	-0.8446	-1.6343
z432	-1.4843	1.2644	0.8311
x433	0.7232	3.9806	-1.2101
y433	0.3930	-0.4916	-3.0384
z433	-1.3802	2.1509	0.7414
x434	0.6348	4.6997	-0.8655
y434	0.7898	-0.5524	-2.4405
z434	-0.8931	1.7540	0.9392
x435	0.5162	5.0792	-0.8125
y435	1.0107	-0.6787	-1.7970
z435	-0.5278	1.9952	0.6031
x436	0.4136	4.8492	-0.8389
y436	1.1282	-0.7932	-1.1606
z436	-0.2982	1.5408	0.0963
x437	0.1673	4.4553	-1.1033
y437	1.1287	-1.0537	-0.6601

z437	-0.4559	1.6147	-0.1952
x438	-0.0611	3.9613	-1.4415
y438	1.0719	-1.3145	-0.2427
z438	-0.6854	1.3558	-0.3021
x439	-0.0305	3.6102	-1.6134
y439	1.1026	-1.4837	0.2623
z439	-0.4399	1.6537	-0.0950
x440	-0.0350	3.5356	-2.1030
y440	1.2967	-1.1996	0.7546
z440	-0.4366	1.6244	0.2724
x441	-0.0336	3.5227	-2.8433
y441	1.7340	-0.2838	1.4028
z441	-0.3550	1.6786	-0.1723
x442	-0.0693	3.1673	-3.7277
y442	2.2553	1.3751	2.3035
z442	-0.1239	1.7434	-1.4214
x443	0.6110	1.8584	-4.3689
y443	3.0557	0.5141	3.6939
z443	-0.5641	0.9074	-1.6762
x444	1.2373	0.1501	-5.1848
y444	3.0873	0.6568	4.2088
z444	-1.2131	1.3630	-2.6100
x445	2.1080	-2.0906	-5.4330
y445	2.8032	0.9342	3.7660
z445	-1.3087	1.6585	-3.1244
x446	3.1701	-4.0424	-4.9442
y446	2.4598	0.4656	2.8034
z446	-0.7088	1.0429	-2.8522

x447	3.9437	-4.8158	-3.8670
y447	2.0796	-0.2016	1.7297
z447	-0.2488	0.3560	-3.0108
x448	4.4345	-5.1149	-2.6120
y448	1.8322	-0.8052	0.7480
z448	0.2141	-0.5275	-3.3051
x449	5.0692	-5.2278	-1.2869
y449	1.5254	-1.5156	-0.5838
z449	0.8567	-1.5679	-3.5646
x450	5.8738	-4.6242	0.5928
y450	1.5206	-1.5796	-2.1114
z450	1.8886	-4.7688	-2.9237
x451	5.5739	-3.3891	2.3473
y451	1.0258	-1.5062	-2.9630
z451	3.0957	-7.5511	-4.9003

New Procrustes fit:

Dataset 'PD_All'

717 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.02955208	0.00031437	-0.01535904
2	-0.02689774	-0.01693244	-0.00523395
3	-0.02714763	-0.01687931	-0.00547421
4	-0.02734847	-0.01713826	-0.00566018
5	-0.02784290	-0.01712453	-0.00677085
6	-0.02826275	-0.01675601	-0.00795644
7	-0.02840969	-0.01613391	-0.00886697
8	-0.02868563	-0.01554588	-0.00971929
9	-0.02886925	-0.01494842	-0.01021271
10	-0.02898927	-0.01456865	-0.01062427
11	-0.02910691	-0.01386363	-0.01160315
12	-0.02928144	-0.01295331	-0.01251157
13	-0.02934948	-0.01233492	-0.01308877
14	-0.02937257	-0.01171775	-0.01352718
15	-0.02948493	-0.01075011	-0.01404998
16	-0.02957303	-0.00967456	-0.01471850
17	-0.02951575	-0.00865858	-0.01510521
18	-0.02929459	-0.00746702	-0.01530624
19	-0.02903380	-0.00630256	-0.01535422
20	-0.02885714	-0.00551722	-0.01535778
21	-0.02838154	-0.00410809	-0.01525869

22	-0.02766911	-0.00249255	-0.01474131
23	-0.02680083	-0.00092305	-0.01395053
24	-0.02601642	-0.00027072	-0.01307640
25	-0.02547057	0.00007421	-0.01234199
26	-0.02493275	0.00038348	-0.01156772
27	-0.02409250	0.00073658	-0.01017745
28	-0.02316933	0.00095181	-0.00872357
29	-0.02217543	0.00095116	-0.00724941
30	-0.02153219	0.00062554	-0.00585024
31	-0.02107211	-0.00024089	-0.00449977
32	-0.02088866	-0.00143509	-0.00362797
33	-0.02088471	-0.00290731	-0.00296410
34	-0.02102488	-0.00460917	-0.00234077
35	-0.02129534	-0.00623085	-0.00189412
36	-0.02169924	-0.00800884	-0.00151631
37	-0.02222060	-0.00985699	-0.00113300
38	-0.02270082	-0.01110009	-0.00119637
39	-0.02292022	-0.01150471	-0.00138415
40	-0.02346016	-0.01228198	-0.00207586
41	-0.02396807	-0.01302368	-0.00283502
42	-0.02427682	-0.01352912	-0.00324427
43	-0.02467838	-0.01420918	-0.00374660
44	-0.02538613	-0.01507789	-0.00409421
45	-0.02585422	-0.01574955	-0.00425837
46	-0.02650815	-0.01648840	-0.00471444
47	-0.02741981	-0.02108828	-0.00346347
48	-0.02799634	-0.02119583	-0.00474016
49	-0.02828865	-0.02084083	-0.00512492

50	-0.02845866	-0.02091203	-0.00549347
51	-0.02862516	-0.02070843	-0.00580882
52	-0.02873629	-0.02017745	-0.00660546
53	-0.02893452	-0.01973612	-0.00726434
54	-0.02924238	-0.01928177	-0.00804254
55	-0.02944373	-0.01857910	-0.00876672
56	-0.02962028	-0.01816860	-0.00961101
57	-0.02986037	-0.01743574	-0.01067401
58	-0.02993592	-0.01721257	-0.01098378
59	-0.03025267	-0.01681028	-0.01192429
60	-0.03044187	-0.01612201	-0.01249089
61	-0.03045934	-0.01519386	-0.01288075
62	-0.03048252	-0.01504578	-0.01339470
63	-0.03064082	-0.01439704	-0.01411264
64	-0.03065801	-0.01329722	-0.01463353
65	-0.03075891	-0.01275352	-0.01545132
66	-0.03076287	-0.01230771	-0.01569634
67	-0.03074828	-0.01129267	-0.01637935
68	-0.03069178	-0.01022160	-0.01691420
69	-0.03064246	-0.00979739	-0.01709864
70	-0.03052049	-0.00932463	-0.01703527
71	-0.03026130	-0.00819581	-0.01701601
72	-0.02994685	-0.00686679	-0.01723665
73	-0.02969963	-0.00603210	-0.01753934
74	-0.02965292	-0.00563436	-0.01754879
75	-0.02941114	-0.00454489	-0.01724107
76	-0.02917342	-0.00379172	-0.01714805
77	-0.02891012	-0.00323156	-0.01709411

78	-0.02863465	-0.00248635	-0.01668435
79	-0.02826725	-0.00156456	-0.01626948
80	-0.02806692	-0.00098352	-0.01603024
81	-0.02770468	-0.00026190	-0.01587390
82	-0.02718259	0.00069424	-0.01580029
83	-0.02654901	0.00166699	-0.01543282
84	-0.03361171	0.01068113	-0.00509947
85	-0.03420586	0.01054210	-0.00511529
86	-0.03433165	0.01054752	-0.00502592
87	-0.03489182	0.01049629	-0.00519839
88	-0.03538696	0.01036005	-0.00579275
89	-0.03576449	0.01015881	-0.00630217
90	-0.03633230	0.00986004	-0.00703819
91	-0.03661115	0.00966608	-0.00786204
92	-0.03686476	0.00948057	-0.00837062
93	-0.03699606	0.00923576	-0.00857599
94	-0.03724506	0.00880149	-0.00905935
95	-0.03737984	0.00841182	-0.00962562
96	-0.03713428	0.00806412	-0.01015235
97	-0.03702937	0.00790508	-0.01059275
98	-0.03681204	0.00743387	-0.01131362
99	-0.03661795	0.00685287	-0.01210653
100	-0.03626370	0.00646224	-0.01267837
101	-0.03597923	0.00602127	-0.01330282
102	-0.03546606	0.00578464	-0.01391478
103	-0.03453950	0.00532945	-0.01436871
104	-0.03350097	0.00488495	-0.01445068
105	-0.03257983	0.00432041	-0.01465226

106	-0.03188943	0.00422021	-0.01477047
107	-0.03121674	0.00414919	-0.01461746
108	-0.03033231	0.00391992	-0.01437827
109	-0.02918025	0.00352828	-0.01393958
110	-0.02841687	0.00353360	-0.01347343
111	-0.02792745	0.00357636	-0.01305253
112	-0.02660755	0.00370706	-0.01165428
113	-0.02574281	0.00410701	-0.01043938
114	-0.02499633	0.00453586	-0.00923188
115	-0.02442162	0.00520572	-0.00781172
116	-0.02420377	0.00590441	-0.00660913
117	-0.02439373	0.00642702	-0.00568896
118	-0.02499490	0.00738967	-0.00492702
119	-0.02591138	0.00825894	-0.00478375
120	-0.02677685	0.00890418	-0.00496211
121	-0.02729877	0.00929473	-0.00529371
122	-0.02790581	0.00976878	-0.00560904
123	-0.02872002	0.01011745	-0.00580796
124	-0.02953666	0.01047434	-0.00595277
125	-0.03018695	0.01070860	-0.00596861
126	-0.03086862	0.01084409	-0.00577721
127	-0.03172250	0.01094520	-0.00554933
128	-0.03273046	0.01080100	-0.00520607
129	-0.03512055	0.01358653	-0.00264219
130	-0.03653149	0.01287525	-0.00299452
131	-0.03684185	0.01271797	-0.00331193
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133	-0.03721218	0.01234527	-0.00380809

134	-0.03761713	0.01241203	-0.00428593
135	-0.03822968	0.01190972	-0.00496056
136	-0.03813055	0.01183087	-0.00480282
137	-0.03831000	0.01175195	-0.00513021
138	-0.03862751	0.01153412	-0.00577942
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144	-0.03976494	0.00898555	-0.01046972
145	-0.03994113	0.00894282	-0.01092086
146	-0.03974108	0.00873654	-0.01127836
147	-0.03967391	0.00834002	-0.01161944
148	-0.03927139	0.00769986	-0.01240848
149	-0.03871714	0.00691345	-0.01371467
150	-0.03843222	0.00648268	-0.01425519
151	-0.03825163	0.00624182	-0.01449302
152	-0.03790829	0.00583087	-0.01477402
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154	-0.03706733	0.00557386	-0.01529936
155	-0.03600975	0.00498583	-0.01589195
156	-0.03550468	0.00460284	-0.01626140
157	-0.03478401	0.00423435	-0.01641401
158	-0.03349193	0.00390061	-0.01666748
159	-0.03245085	0.00361530	-0.01688334
160	-0.03165866	0.00332186	-0.01695986
161	-0.03072718	0.00294679	-0.01657823

162	-0.02937448	0.00250241	-0.01633761
163	-0.02804437	0.00210883	-0.01600465
164	-0.02751954	0.00199551	-0.01582401
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166	-0.03503052	-0.01258120	0.00806674
167	-0.03560704	-0.01296884	0.00846553
168	-0.03629646	-0.01298309	0.00901191
169	-0.03704194	-0.01259405	0.00918148
170	-0.03789871	-0.01205957	0.00912648
171	-0.03880785	-0.01130157	0.00898292
172	-0.03953936	-0.01070010	0.00895870
173	-0.03992424	-0.01029597	0.00881553
174	-0.04050544	-0.00949163	0.00857111
175	-0.04123564	-0.00843820	0.00837042
176	-0.04171897	-0.00778637	0.00819262
177	-0.04221489	-0.00706475	0.00783803
178	-0.04259139	-0.00639671	0.00754962
179	-0.04296061	-0.00583323	0.00741229
180	-0.04302178	-0.00520039	0.00708174
181	-0.04308613	-0.00458056	0.00671186
182	-0.04309534	-0.00387385	0.00627217
183	-0.04310475	-0.00296565	0.00583596
184	-0.04311789	-0.00198757	0.00524440
185	-0.04298977	-0.00131282	0.00475156
186	-0.04282429	-0.00079653	0.00440386
187	-0.04258097	-0.00030973	0.00417460
188	-0.04222726	0.00034902	0.00379169
189	-0.04185282	0.00094346	0.00337507

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191	-0.04079235	0.00215921	0.00233992
192	-0.03999033	0.00285603	0.00179131
193	-0.03915858	0.00360348	0.00137766
194	-0.03807109	0.00447168	0.00086801
195	-0.03704070	0.00503668	0.00046898
196	-0.03566532	0.00558682	0.00010321
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198	-0.03293156	0.00588592	-0.00025900
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215	-0.03177637	-0.01125170	0.00533785
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223	-0.03808729	-0.01548417	0.01076795
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227	-0.04053559	-0.01282542	0.01082606
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470	0.03911310	-0.00743987	-0.02700724
471	0.03806142	-0.01341136	-0.02603201
472	0.03580834	-0.01691472	-0.02455705
473	0.03309124	-0.02006717	-0.02294400
474	0.03045360	-0.02229868	-0.02134944
475	0.02768197	-0.02394311	-0.01973318
476	0.02463618	-0.02512931	-0.01804060
477	0.02175298	-0.02561799	-0.01634467
478	0.01839625	-0.02563451	-0.01428935
479	0.01469367	-0.02503771	-0.01218789
480	0.01153206	-0.02394569	-0.01013389
481	0.00911822	-0.02203776	-0.00801493
482	0.00697619	-0.01993673	-0.00606155
483	0.00516558	-0.01760193	-0.00442881
484	0.00370292	-0.01505721	-0.00302768
485	0.00279412	-0.01263715	-0.00185721
486	0.00223691	-0.00970883	-0.00072859
487	0.00220264	-0.00619587	0.00045325
488	0.00262590	-0.00308603	0.00126929
489	0.00357946	-0.00007112	0.00207152
490	0.00572771	0.00341656	0.00273152
491	0.00798282	0.00617604	0.00312779
492	0.01022395	0.00832120	0.00325643
493	0.01262094	0.01007011	0.00305376
494	0.01522853	0.01133886	0.00264554
495	0.01824993	0.01207377	0.00195963
496	0.02153762	0.01216654	0.00103310
497	0.02477361	0.01154269	0.00018453

498	0.02783428	0.01037929	-0.00053734
499	0.02987347	0.00880146	-0.00104858
500	0.03162758	0.00717924	-0.00139132
501	0.03308813	0.00547175	-0.00160403
502	0.03432332	0.00360230	-0.00172793
503	0.03526408	0.00164343	-0.00167340
504	0.03593094	-0.00047245	-0.00152434
505	0.03632839	-0.00283101	-0.00121105
506	0.03638766	-0.00525657	-0.00068045
507	0.03616378	-0.00783695	-0.00001685
508	0.03537860	-0.00958447	0.00068017
509	0.03441456	-0.01108621	0.00140236
510	0.03337409	-0.01238007	0.00217960
511	0.03241850	-0.01319205	0.00286607
512	0.03133943	-0.01378391	0.00353889
513	0.03019103	-0.01410072	0.00413965
514	0.02864671	-0.01414320	0.00492980
515	0.02700022	-0.01407551	0.00577720
516	0.02542824	-0.01367856	0.00671492
517	0.02414401	-0.01276364	0.00722494
518	0.02317164	-0.01199469	0.00775632
519	0.02252498	-0.01144987	0.00820808
520	0.02190852	-0.01063508	0.00856372
521	0.02112060	-0.00932481	0.00943411
522	0.02092787	-0.00778300	0.01030379
523	0.02074016	-0.00621484	0.01124923
524	0.02221793	-0.00345781	0.01281164
525	0.02566928	-0.00332946	0.01469763

526	-0.02931837	0.01607746	0.00673466
527	-0.02921850	0.01578803	0.00875375
528	-0.02900981	0.01559054	0.01081613
529	-0.02845887	0.01541704	0.01251174
530	-0.02780675	0.01534532	0.01393056
531	-0.02683419	0.01534102	0.01568590
532	-0.02578209	0.01543723	0.01726848
533	-0.02448445	0.01566361	0.01885093
534	-0.02300245	0.01601628	0.02038907
535	-0.02132994	0.01647534	0.02183023
536	-0.01922418	0.01751190	0.02324505
537	-0.01714979	0.01874223	0.02436598
538	-0.01504293	0.02020891	0.02526395
539	-0.01289519	0.02191200	0.02590738
540	-0.01084083	0.02371874	0.02624874
541	-0.00880054	0.02575060	0.02632257
542	-0.00688988	0.02784210	0.02605679
543	-0.00521243	0.02988348	0.02555096
544	-0.00360214	0.03182502	0.02479195
545	-0.00223284	0.03356694	0.02384046
546	-0.00091989	0.03523708	0.02280238
547	0.00060514	0.03695100	0.02150153
548	0.00219829	0.03865458	0.02006047
549	0.00373573	0.04021189	0.01853726
550	0.00533381	0.04162716	0.01687304
551	0.00703532	0.04289565	0.01506409
552	0.00879124	0.04408864	0.01313680
553	0.01074609	0.04502345	0.01084929

554	0.01300773	0.04574196	0.00829768
555	0.01549728	0.04610496	0.00576576
556	0.01815986	0.04618010	0.00329828
557	0.02087269	0.04586405	0.00094377
558	0.02358990	0.04529672	-0.00124798
559	0.02633779	0.04442145	-0.00329637
560	0.02927021	0.04312585	-0.00531325
561	0.03215899	0.04151081	-0.00714414
562	0.03495611	0.03970745	-0.00868363
563	0.04051318	0.03500452	-0.01170458
564	0.04509719	0.02959327	-0.01411625
565	0.04880949	0.02382728	-0.01591156
566	0.05172567	0.01776882	-0.01712812
567	0.05389948	0.01144040	-0.01780608
568	0.05530488	0.00481366	-0.01792721
569	0.05589567	-0.00212511	-0.01746898
570	0.05535267	-0.00935174	-0.01628621
571	0.05345179	-0.01677383	-0.01437580
572	0.05065717	-0.02218696	-0.01302962
573	0.04739398	-0.02644209	-0.01143763
574	0.04386351	-0.02982425	-0.00967714
575	0.04012350	-0.03246752	-0.00775564
576	0.03611681	-0.03447734	-0.00563470
577	0.03184913	-0.03573707	-0.00335214
578	0.02722179	-0.03623992	-0.00083909
579	0.02223898	-0.03575831	0.00187196
580	0.01692666	-0.03403696	0.00480527
581	0.01245519	-0.03138670	0.00732645

582	0.00892016	-0.02823668	0.00941092
583	0.00618706	-0.02481992	0.01121888
584	0.00407721	-0.02118840	0.01282486
585	0.00253037	-0.01736482	0.01435663
586	0.00166776	-0.01322362	0.01566384
587	0.00147097	-0.00871085	0.01686515
588	0.00208574	-0.00381811	0.01781786
589	0.00374210	0.00125529	0.01826976
590	0.00621576	0.00591593	0.01818428
591	0.00896675	0.00953635	0.01767940
592	0.01197244	0.01237495	0.01687368
593	0.01512883	0.01450928	0.01584522
594	0.01842238	0.01604708	0.01463715
595	0.02200001	0.01707607	0.01314709
596	0.02578628	0.01742847	0.01139315
597	0.02977113	0.01702247	0.00938161
598	0.03379495	0.01550615	0.00726708
599	0.03701631	0.01350544	0.00609963
600	0.03966508	0.01100378	0.00514664
601	0.04176860	0.00825589	0.00442680
602	0.04329259	0.00548215	0.00393712
603	0.04430915	0.00279500	0.00364863
604	0.04499135	-0.00027001	0.00351747
605	0.04516544	-0.00365945	0.00359896
606	0.04477506	-0.00719361	0.00391503
607	0.04364742	-0.01071095	0.00457185
608	0.04249161	-0.01309524	0.00534575
609	0.04107809	-0.01508543	0.00616566

610	0.03954878	-0.01668659	0.00704091
611	0.03788059	-0.01796730	0.00797429
612	0.03609446	-0.01891884	0.00896460
613	0.03426222	-0.01950473	0.00996528
614	0.03235456	-0.01980354	0.01098978
615	0.03042291	-0.01980639	0.01201778
616	0.02840989	-0.01940360	0.01298425
617	0.02638276	-0.01849930	0.01437014
618	0.02462533	-0.01723906	0.01560983
619	0.02314767	-0.01558532	0.01649832
620	0.02187968	-0.01362276	0.01739187
621	0.02109359	-0.01162489	0.01784410
622	0.02061152	-0.00913538	0.01808820
623	0.02102007	-0.00599865	0.01795852
624	0.02284305	-0.00293617	0.01710131
625	0.02566788	-0.00332007	0.01473424
626	-0.01715967	0.00763631	0.01282367
627	-0.01616194	0.00844423	0.01595309
628	-0.01474493	0.00971002	0.01950036
629	-0.01299735	0.01170143	0.02252400
630	-0.01090152	0.01414534	0.02468795
631	-0.00859129	0.01663702	0.02607463
632	-0.00624421	0.01904542	0.02677398
633	-0.00371054	0.02154525	0.02702809
634	-0.00094708	0.02431425	0.02673696
635	0.00181950	0.02722116	0.02585848
636	0.00348561	0.02918949	0.02501634
637	0.00537882	0.03108811	0.02386065

638	0.00724214	0.03279121	0.02246173
639	0.00907253	0.03426870	0.02085456
640	0.01098662	0.03559413	0.01900410
641	0.01312669	0.03678375	0.01699427
642	0.01535226	0.03780021	0.01469636
643	0.01784835	0.03867616	0.01218701
644	0.02053683	0.03932991	0.00951668
645	0.02378148	0.03928474	0.00650667
646	0.02710063	0.03850271	0.00370961
647	0.03043938	0.03697565	0.00114276
648	0.03368524	0.03479616	-0.00105768
649	0.03679916	0.03199068	-0.00299047
650	0.03981987	0.02858297	-0.00463566
651	0.04278513	0.02451164	-0.00594148
652	0.04563052	0.01983207	-0.00704246
653	0.04850718	0.01438616	-0.00790170
654	0.05039154	0.00710980	-0.00811751
655	0.05151985	0.00052289	-0.00788898
656	0.05183721	-0.00563291	-0.00736500
657	0.05127677	-0.01109313	-0.00659343
658	0.04982657	-0.01586949	-0.00564494
659	0.04761982	-0.01986440	-0.00444226
660	0.04474896	-0.02316734	-0.00297004
661	0.04134376	-0.02581484	-0.00118817
662	0.03721771	-0.02796888	0.00092836
663	0.03371401	-0.02901525	0.00279541
664	0.03035883	-0.02945457	0.00457560
665	0.02713218	-0.02931872	0.00645359

666	0.02396520	-0.02847787	0.00837163
667	0.02094729	-0.02686589	0.01031127
668	0.01822301	-0.02455055	0.01215179
669	0.01587762	-0.02168367	0.01378349
670	0.01368589	-0.01803826	0.01533474
671	0.01172997	-0.01391679	0.01685260
672	0.01169201	-0.00849173	0.01782686
673	0.01247740	-0.00359857	0.01867505
674	0.01395832	0.00067654	0.01927277
675	0.01601493	0.00417146	0.01935484
676	0.01847007	0.00679165	0.01889252
677	0.02143249	0.00870951	0.01794180
678	0.02490829	0.00988278	0.01665017
679	0.02907641	0.01036454	0.01495540
680	0.03390974	0.01000663	0.01301128
681	0.03599993	0.00845013	0.01212399
682	0.03795960	0.00673695	0.01137067
683	0.03938980	0.00505906	0.01088825
684	0.04049305	0.00325730	0.01052110
685	0.04130791	0.00133378	0.01035052
686	0.04179848	-0.00067308	0.01030640
687	0.04202425	-0.00278871	0.01042565
688	0.04196807	-0.00514280	0.01065466
689	0.04152910	-0.00786656	0.01109279
690	0.04063504	-0.00964034	0.01170063
691	0.03976030	-0.01099375	0.01225572
692	0.03883742	-0.01211467	0.01279638
693	0.03800970	-0.01297602	0.01334451

694	0.03708107	-0.01368309	0.01385316
695	0.03610901	-0.01412130	0.01445415
696	0.03500476	-0.01439614	0.01515626
697	0.03374706	-0.01438455	0.01588090
698	0.03215848	-0.01418420	0.01675248
699	0.03049637	-0.01301669	0.01769724
700	0.02943660	-0.01203948	0.01824076
701	0.02862222	-0.01102496	0.01871245
702	0.02783043	-0.00993709	0.01916599
703	0.02720281	-0.00872464	0.01946344
704	0.02685657	-0.00717093	0.01994160
705	0.02662747	-0.00622959	0.02049079
706	0.02728272	-0.00519145	0.02090652
707	0.02566788	-0.00332007	0.01473424
708	-0.01520158	0.00600077	-0.00458397
709	-0.01538130	0.00545895	-0.00607065
710	-0.01633222	0.00480271	-0.00766838
711	-0.01736083	0.00416960	-0.00982685
712	-0.01813084	0.00382999	-0.01135170
713	-0.01891452	0.00357245	-0.01302496
714	-0.01961420	0.00340048	-0.01400446
715	-0.02038428	0.00326888	-0.01525280
716	-0.02120792	0.00308522	-0.01661455
717	-0.02225407	0.00360442	-0.01874784

Procrustes sums of squares: 0.2441427185486877

Tangent sums of squares: 0.24195941431844775

Data matrices in this dataset:

- PD_All, raw data
- PD_All, centroid size
- PD_All, Procrustes coordinates

New Procrustes fit:

Dataset 'PD_All'

717 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.02955208	0.00031437	-0.01535904
2	-0.02689774	-0.01693244	-0.00523395
3	-0.02714763	-0.01687931	-0.00547421
4	-0.02734847	-0.01713826	-0.00566018
5	-0.02784290	-0.01712453	-0.00677085
6	-0.02826275	-0.01675601	-0.00795644
7	-0.02840969	-0.01613391	-0.00886697
8	-0.02868563	-0.01554588	-0.00971929
9	-0.02886925	-0.01494842	-0.01021271
10	-0.02898927	-0.01456865	-0.01062427
11	-0.02910691	-0.01386363	-0.01160315
12	-0.02928144	-0.01295331	-0.01251157

13	-0.02934948	-0.01233492	-0.01308877
14	-0.02937257	-0.01171775	-0.01352718
15	-0.02948493	-0.01075011	-0.01404998
16	-0.02957303	-0.00967456	-0.01471850
17	-0.02951575	-0.00865858	-0.01510521
18	-0.02929459	-0.00746702	-0.01530624
19	-0.02903380	-0.00630256	-0.01535422
20	-0.02885714	-0.00551722	-0.01535778
21	-0.02838154	-0.00410809	-0.01525869
22	-0.02766911	-0.00249255	-0.01474131
23	-0.02680083	-0.00092305	-0.01395053
24	-0.02601642	-0.00027072	-0.01307640
25	-0.02547057	0.00007421	-0.01234199
26	-0.02493275	0.00038348	-0.01156772
27	-0.02409250	0.00073658	-0.01017745
28	-0.02316933	0.00095181	-0.00872357
29	-0.02217543	0.00095116	-0.00724941
30	-0.02153219	0.00062554	-0.00585024
31	-0.02107211	-0.00024089	-0.00449977
32	-0.02088866	-0.00143509	-0.00362797
33	-0.02088471	-0.00290731	-0.00296410
34	-0.02102488	-0.00460917	-0.00234077
35	-0.02129534	-0.00623085	-0.00189412
36	-0.02169924	-0.00800884	-0.00151631
37	-0.02222060	-0.00985699	-0.00113300
38	-0.02270082	-0.01110009	-0.00119637
39	-0.02292022	-0.01150471	-0.00138415
40	-0.02346016	-0.01228198	-0.00207586

41	-0.02396807	-0.01302368	-0.00283502
42	-0.02427682	-0.01352912	-0.00324427
43	-0.02467838	-0.01420918	-0.00374660
44	-0.02538613	-0.01507789	-0.00409421
45	-0.02585422	-0.01574955	-0.00425837
46	-0.02650815	-0.01648840	-0.00471444
47	-0.02741981	-0.02108828	-0.00346347
48	-0.02799634	-0.02119583	-0.00474016
49	-0.02828865	-0.02084083	-0.00512492
50	-0.02845866	-0.02091203	-0.00549347
51	-0.02862516	-0.02070843	-0.00580882
52	-0.02873629	-0.02017745	-0.00660546
53	-0.02893452	-0.01973612	-0.00726434
54	-0.02924238	-0.01928177	-0.00804254
55	-0.02944373	-0.01857910	-0.00876672
56	-0.02962028	-0.01816860	-0.00961101
57	-0.02986037	-0.01743574	-0.01067401
58	-0.02993592	-0.01721257	-0.01098378
59	-0.03025267	-0.01681028	-0.01192429
60	-0.03044187	-0.01612201	-0.01249089
61	-0.03045934	-0.01519386	-0.01288075
62	-0.03048252	-0.01504578	-0.01339470
63	-0.03064082	-0.01439704	-0.01411264
64	-0.03065801	-0.01329722	-0.01463353
65	-0.03075891	-0.01275352	-0.01545132
66	-0.03076287	-0.01230771	-0.01569634
67	-0.03074828	-0.01129267	-0.01637935
68	-0.03069178	-0.01022160	-0.01691420

69	-0.03064246	-0.00979739	-0.01709864
70	-0.03052049	-0.00932463	-0.01703527
71	-0.03026130	-0.00819581	-0.01701601
72	-0.02994685	-0.00686679	-0.01723665
73	-0.02969963	-0.00603210	-0.01753934
74	-0.02965292	-0.00563436	-0.01754879
75	-0.02941114	-0.00454489	-0.01724107
76	-0.02917342	-0.00379172	-0.01714805
77	-0.02891012	-0.00323156	-0.01709411
78	-0.02863465	-0.00248635	-0.01668435
79	-0.02826725	-0.00156456	-0.01626948
80	-0.02806692	-0.00098352	-0.01603024
81	-0.02770468	-0.00026190	-0.01587390
82	-0.02718259	0.00069424	-0.01580029
83	-0.02654901	0.00166699	-0.01543282
84	-0.03361171	0.01068113	-0.00509947
85	-0.03420586	0.01054210	-0.00511529
86	-0.03433165	0.01054752	-0.00502592
87	-0.03489182	0.01049629	-0.00519839
88	-0.03538696	0.01036005	-0.00579275
89	-0.03576449	0.01015881	-0.00630217
90	-0.03633230	0.00986004	-0.00703819
91	-0.03661115	0.00966608	-0.00786204
92	-0.03686476	0.00948057	-0.00837062
93	-0.03699606	0.00923576	-0.00857599
94	-0.03724506	0.00880149	-0.00905935
95	-0.03737984	0.00841182	-0.00962562
96	-0.03713428	0.00806412	-0.01015235

97	-0.03702937	0.00790508	-0.01059275
98	-0.03681204	0.00743387	-0.01131362
99	-0.03661795	0.00685287	-0.01210653
100	-0.03626370	0.00646224	-0.01267837
101	-0.03597923	0.00602127	-0.01330282
102	-0.03546606	0.00578464	-0.01391478
103	-0.03453950	0.00532945	-0.01436871
104	-0.03350097	0.00488495	-0.01445068
105	-0.03257983	0.00432041	-0.01465226
106	-0.03188943	0.00422021	-0.01477047
107	-0.03121674	0.00414919	-0.01461746
108	-0.03033231	0.00391992	-0.01437827
109	-0.02918025	0.00352828	-0.01393958
110	-0.02841687	0.00353360	-0.01347343
111	-0.02792745	0.00357636	-0.01305253
112	-0.02660755	0.00370706	-0.01165428
113	-0.02574281	0.00410701	-0.01043938
114	-0.02499633	0.00453586	-0.00923188
115	-0.02442162	0.00520572	-0.00781172
116	-0.02420377	0.00590441	-0.00660913
117	-0.02439373	0.00642702	-0.00568896
118	-0.02499490	0.00738967	-0.00492702
119	-0.02591138	0.00825894	-0.00478375
120	-0.02677685	0.00890418	-0.00496211
121	-0.02729877	0.00929473	-0.00529371
122	-0.02790581	0.00976878	-0.00560904
123	-0.02872002	0.01011745	-0.00580796
124	-0.02953666	0.01047434	-0.00595277

125	-0.03018695	0.01070860	-0.00596861
126	-0.03086862	0.01084409	-0.00577721
127	-0.03172250	0.01094520	-0.00554933
128	-0.03273046	0.01080100	-0.00520607
129	-0.03512055	0.01358653	-0.00264219
130	-0.03653149	0.01287525	-0.00299452
131	-0.03684185	0.01271797	-0.00331193
132	-0.03716413	0.01246949	-0.00366942
133	-0.03721218	0.01234527	-0.00380809
134	-0.03761713	0.01241203	-0.00428593
135	-0.03822968	0.01190972	-0.00496056
136	-0.03813055	0.01183087	-0.00480282
137	-0.03831000	0.01175195	-0.00513021
138	-0.03862751	0.01153412	-0.00577942
139	-0.03904683	0.01113024	-0.00691990
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141	-0.03951121	0.01050483	-0.00800332
142	-0.03957312	0.01021989	-0.00849488
143	-0.03967868	0.00963102	-0.00952401
144	-0.03976494	0.00898555	-0.01046972
145	-0.03994113	0.00894282	-0.01092086
146	-0.03974108	0.00873654	-0.01127836
147	-0.03967391	0.00834002	-0.01161944
148	-0.03927139	0.00769986	-0.01240848
149	-0.03871714	0.00691345	-0.01371467
150	-0.03843222	0.00648268	-0.01425519
151	-0.03825163	0.00624182	-0.01449302
152	-0.03790829	0.00583087	-0.01477402

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154	-0.03706733	0.00557386	-0.01529936
155	-0.03600975	0.00498583	-0.01589195
156	-0.03550468	0.00460284	-0.01626140
157	-0.03478401	0.00423435	-0.01641401
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159	-0.03245085	0.00361530	-0.01688334
160	-0.03165866	0.00332186	-0.01695986
161	-0.03072718	0.00294679	-0.01657823
162	-0.02937448	0.00250241	-0.01633761
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166	-0.03503052	-0.01258120	0.00806674
167	-0.03560704	-0.01296884	0.00846553
168	-0.03629646	-0.01298309	0.00901191
169	-0.03704194	-0.01259405	0.00918148
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171	-0.03880785	-0.01130157	0.00898292
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174	-0.04050544	-0.00949163	0.00857111
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176	-0.04171897	-0.00778637	0.00819262
177	-0.04221489	-0.00706475	0.00783803
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195	-0.03704070	0.00503668	0.00046898
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262	-0.02953683	-0.00066610	0.01176809
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269	-0.01675063	-0.00098091	0.01506862
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370	0.02562822	-0.01329073	0.00645829
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436	0.02813255	0.00320962	0.00112373
437	0.02973352	0.00199661	0.00156742
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443	0.02930611	-0.00802759	0.00227855
444	0.02844768	-0.00858865	0.00376095
445	0.02634790	-0.00821878	0.00505871
446	0.02434822	-0.00791518	0.00558839
447	0.02342214	-0.00736606	0.00617441
448	0.02318494	-0.00673785	0.00674365
449	0.02292379	-0.00600679	0.00750250
450	0.02285835	-0.00547839	0.00824516
451	0.02287855	-0.00410089	0.00904524
452	0.02566928	-0.00332946	0.01469763
453	-0.00210950	0.04136057	-0.01416293
454	0.00283611	0.03947533	-0.00774120
455	0.00460136	0.03866253	-0.00985869
456	0.00625310	0.03869938	-0.01095641
457	0.00677543	0.03755208	-0.01203244
458	0.00810303	0.03730574	-0.01306887
459	0.01042340	0.03639900	-0.01500785
460	0.01361836	0.03477653	-0.01739460

461	0.01727780	0.03293525	-0.01975878
462	0.02152599	0.03088452	-0.02215249
463	0.02579438	0.02712474	-0.02404019
464	0.02977182	0.02295341	-0.02539526
465	0.03292639	0.01866304	-0.02651989
466	0.03542001	0.01402190	-0.02736220
467	0.03749341	0.00902499	-0.02774595
468	0.03875906	0.00383549	-0.02785538
469	0.03931351	-0.00164161	-0.02764076
470	0.03911310	-0.00743987	-0.02700724
471	0.03806142	-0.01341136	-0.02603201
472	0.03580834	-0.01691472	-0.02455705
473	0.03309124	-0.02006717	-0.02294400
474	0.03045360	-0.02229868	-0.02134944
475	0.02768197	-0.02394311	-0.01973318
476	0.02463618	-0.02512931	-0.01804060
477	0.02175298	-0.02561799	-0.01634467
478	0.01839625	-0.02563451	-0.01428935
479	0.01469367	-0.02503771	-0.01218789
480	0.01153206	-0.02394569	-0.01013389
481	0.00911822	-0.02203776	-0.00801493
482	0.00697619	-0.01993673	-0.00606155
483	0.00516558	-0.01760193	-0.00442881
484	0.00370292	-0.01505721	-0.00302768
485	0.00279412	-0.01263715	-0.00185721
486	0.00223691	-0.00970883	-0.00072859
487	0.00220264	-0.00619587	0.00045325
488	0.00262590	-0.00308603	0.00126929

489	0.00357946	-0.00007112	0.00207152
490	0.00572771	0.00341656	0.00273152
491	0.00798282	0.00617604	0.00312779
492	0.01022395	0.00832120	0.00325643
493	0.01262094	0.01007011	0.00305376
494	0.01522853	0.01133886	0.00264554
495	0.01824993	0.01207377	0.00195963
496	0.02153762	0.01216654	0.00103310
497	0.02477361	0.01154269	0.00018453
498	0.02783428	0.01037929	-0.00053734
499	0.02987347	0.00880146	-0.00104858
500	0.03162758	0.00717924	-0.00139132
501	0.03308813	0.00547175	-0.00160403
502	0.03432332	0.00360230	-0.00172793
503	0.03526408	0.00164343	-0.00167340
504	0.03593094	-0.00047245	-0.00152434
505	0.03632839	-0.00283101	-0.00121105
506	0.03638766	-0.00525657	-0.00068045
507	0.03616378	-0.00783695	-0.00001685
508	0.03537860	-0.00958447	0.00068017
509	0.03441456	-0.01108621	0.00140236
510	0.03337409	-0.01238007	0.00217960
511	0.03241850	-0.01319205	0.00286607
512	0.03133943	-0.01378391	0.00353889
513	0.03019103	-0.01410072	0.00413965
514	0.02864671	-0.01414320	0.00492980
515	0.02700022	-0.01407551	0.00577720
516	0.02542824	-0.01367856	0.00671492

517	0.02414401	-0.01276364	0.00722494
518	0.02317164	-0.01199469	0.00775632
519	0.02252498	-0.01144987	0.00820808
520	0.02190852	-0.01063508	0.00856372
521	0.02112060	-0.00932481	0.00943411
522	0.02092787	-0.00778300	0.01030379
523	0.02074016	-0.00621484	0.01124923
524	0.02221793	-0.00345781	0.01281164
525	0.02566928	-0.00332946	0.01469763
526	-0.02931837	0.01607746	0.00673466
527	-0.02921850	0.01578803	0.00875375
528	-0.02900981	0.01559054	0.01081613
529	-0.02845887	0.01541704	0.01251174
530	-0.02780675	0.01534532	0.01393056
531	-0.02683419	0.01534102	0.01568590
532	-0.02578209	0.01543723	0.01726848
533	-0.02448445	0.01566361	0.01885093
534	-0.02300245	0.01601628	0.02038907
535	-0.02132994	0.01647534	0.02183023
536	-0.01922418	0.01751190	0.02324505
537	-0.01714979	0.01874223	0.02436598
538	-0.01504293	0.02020891	0.02526395
539	-0.01289519	0.02191200	0.02590738
540	-0.01084083	0.02371874	0.02624874
541	-0.00880054	0.02575060	0.02632257
542	-0.00688988	0.02784210	0.02605679
543	-0.00521243	0.02988348	0.02555096
544	-0.00360214	0.03182502	0.02479195

545	-0.00223284	0.03356694	0.02384046
546	-0.00091989	0.03523708	0.02280238
547	0.00060514	0.03695100	0.02150153
548	0.00219829	0.03865458	0.02006047
549	0.00373573	0.04021189	0.01853726
550	0.00533381	0.04162716	0.01687304
551	0.00703532	0.04289565	0.01506409
552	0.00879124	0.04408864	0.01313680
553	0.01074609	0.04502345	0.01084929
554	0.01300773	0.04574196	0.00829768
555	0.01549728	0.04610496	0.00576576
556	0.01815986	0.04618010	0.00329828
557	0.02087269	0.04586405	0.00094377
558	0.02358990	0.04529672	-0.00124798
559	0.02633779	0.04442145	-0.00329637
560	0.02927021	0.04312585	-0.00531325
561	0.03215899	0.04151081	-0.00714414
562	0.03495611	0.03970745	-0.00868363
563	0.04051318	0.03500452	-0.01170458
564	0.04509719	0.02959327	-0.01411625
565	0.04880949	0.02382728	-0.01591156
566	0.05172567	0.01776882	-0.01712812
567	0.05389948	0.01144040	-0.01780608
568	0.05530488	0.00481366	-0.01792721
569	0.05589567	-0.00212511	-0.01746898
570	0.05535267	-0.00935174	-0.01628621
571	0.05345179	-0.01677383	-0.01437580
572	0.05065717	-0.02218696	-0.01302962

573	0.04739398	-0.02644209	-0.01143763
574	0.04386351	-0.02982425	-0.00967714
575	0.04012350	-0.03246752	-0.00775564
576	0.03611681	-0.03447734	-0.00563470
577	0.03184913	-0.03573707	-0.00335214
578	0.02722179	-0.03623992	-0.00083909
579	0.02223898	-0.03575831	0.00187196
580	0.01692666	-0.03403696	0.00480527
581	0.01245519	-0.03138670	0.00732645
582	0.00892016	-0.02823668	0.00941092
583	0.00618706	-0.02481992	0.01121888
584	0.00407721	-0.02118840	0.01282486
585	0.00253037	-0.01736482	0.01435663
586	0.00166776	-0.01322362	0.01566384
587	0.00147097	-0.00871085	0.01686515
588	0.00208574	-0.00381811	0.01781786
589	0.00374210	0.00125529	0.01826976
590	0.00621576	0.00591593	0.01818428
591	0.00896675	0.00953635	0.01767940
592	0.01197244	0.01237495	0.01687368
593	0.01512883	0.01450928	0.01584522
594	0.01842238	0.01604708	0.01463715
595	0.02200001	0.01707607	0.01314709
596	0.02578628	0.01742847	0.01139315
597	0.02977113	0.01702247	0.00938161
598	0.03379495	0.01550615	0.00726708
599	0.03701631	0.01350544	0.00609963
600	0.03966508	0.01100378	0.00514664

601	0.04176860	0.00825589	0.00442680
602	0.04329259	0.00548215	0.00393712
603	0.04430915	0.00279500	0.00364863
604	0.04499135	-0.00027001	0.00351747
605	0.04516544	-0.00365945	0.00359896
606	0.04477506	-0.00719361	0.00391503
607	0.04364742	-0.01071095	0.00457185
608	0.04249161	-0.01309524	0.00534575
609	0.04107809	-0.01508543	0.00616566
610	0.03954878	-0.01668659	0.00704091
611	0.03788059	-0.01796730	0.00797429
612	0.03609446	-0.01891884	0.00896460
613	0.03426222	-0.01950473	0.00996528
614	0.03235456	-0.01980354	0.01098978
615	0.03042291	-0.01980639	0.01201778
616	0.02840989	-0.01940360	0.01298425
617	0.02638276	-0.01849930	0.01437014
618	0.02462533	-0.01723906	0.01560983
619	0.02314767	-0.01558532	0.01649832
620	0.02187968	-0.01362276	0.01739187
621	0.02109359	-0.01162489	0.01784410
622	0.02061152	-0.00913538	0.01808820
623	0.02102007	-0.00599865	0.01795852
624	0.02284305	-0.00293617	0.01710131
625	0.02566788	-0.00332007	0.01473424
626	-0.01715967	0.00763631	0.01282367
627	-0.01616194	0.00844423	0.01595309
628	-0.01474493	0.00971002	0.01950036

629	-0.01299735	0.01170143	0.02252400
630	-0.01090152	0.01414534	0.02468795
631	-0.00859129	0.01663702	0.02607463
632	-0.00624421	0.01904542	0.02677398
633	-0.00371054	0.02154525	0.02702809
634	-0.00094708	0.02431425	0.02673696
635	0.00181950	0.02722116	0.02585848
636	0.00348561	0.02918949	0.02501634
637	0.00537882	0.03108811	0.02386065
638	0.00724214	0.03279121	0.02246173
639	0.00907253	0.03426870	0.02085456
640	0.01098662	0.03559413	0.01900410
641	0.01312669	0.03678375	0.01699427
642	0.01535226	0.03780021	0.01469636
643	0.01784835	0.03867616	0.01218701
644	0.02053683	0.03932991	0.00951668
645	0.02378148	0.03928474	0.00650667
646	0.02710063	0.03850271	0.00370961
647	0.03043938	0.03697565	0.00114276
648	0.03368524	0.03479616	-0.00105768
649	0.03679916	0.03199068	-0.00299047
650	0.03981987	0.02858297	-0.00463566
651	0.04278513	0.02451164	-0.00594148
652	0.04563052	0.01983207	-0.00704246
653	0.04850718	0.01438616	-0.00790170
654	0.05039154	0.00710980	-0.00811751
655	0.05151985	0.00052289	-0.00788898
656	0.05183721	-0.00563291	-0.00736500

657	0.05127677	-0.01109313	-0.00659343
658	0.04982657	-0.01586949	-0.00564494
659	0.04761982	-0.01986440	-0.00444226
660	0.04474896	-0.02316734	-0.00297004
661	0.04134376	-0.02581484	-0.00118817
662	0.03721771	-0.02796888	0.00092836
663	0.03371401	-0.02901525	0.00279541
664	0.03035883	-0.02945457	0.00457560
665	0.02713218	-0.02931872	0.00645359
666	0.02396520	-0.02847787	0.00837163
667	0.02094729	-0.02686589	0.01031127
668	0.01822301	-0.02455055	0.01215179
669	0.01587762	-0.02168367	0.01378349
670	0.01368589	-0.01803826	0.01533474
671	0.01172997	-0.01391679	0.01685260
672	0.01169201	-0.00849173	0.01782686
673	0.01247740	-0.00359857	0.01867505
674	0.01395832	0.00067654	0.01927277
675	0.01601493	0.00417146	0.01935484
676	0.01847007	0.00679165	0.01889252
677	0.02143249	0.00870951	0.01794180
678	0.02490829	0.00988278	0.01665017
679	0.02907641	0.01036454	0.01495540
680	0.03390974	0.01000663	0.01301128
681	0.03599993	0.00845013	0.01212399
682	0.03795960	0.00673695	0.01137067
683	0.03938980	0.00505906	0.01088825
684	0.04049305	0.00325730	0.01052110

685	0.04130791	0.00133378	0.01035052
686	0.04179848	-0.00067308	0.01030640
687	0.04202425	-0.00278871	0.01042565
688	0.04196807	-0.00514280	0.01065466
689	0.04152910	-0.00786656	0.01109279
690	0.04063504	-0.00964034	0.01170063
691	0.03976030	-0.01099375	0.01225572
692	0.03883742	-0.01211467	0.01279638
693	0.03800970	-0.01297602	0.01334451
694	0.03708107	-0.01368309	0.01385316
695	0.03610901	-0.01412130	0.01445415
696	0.03500476	-0.01439614	0.01515626
697	0.03374706	-0.01438455	0.01588090
698	0.03215848	-0.01418420	0.01675248
699	0.03049637	-0.01301669	0.01769724
700	0.02943660	-0.01203948	0.01824076
701	0.02862222	-0.01102496	0.01871245
702	0.02783043	-0.00993709	0.01916599
703	0.02720281	-0.00872464	0.01946344
704	0.02685657	-0.00717093	0.01994160
705	0.02662747	-0.00622959	0.02049079
706	0.02728272	-0.00519145	0.02090652
707	0.02566788	-0.00332007	0.01473424
708	-0.01520158	0.00600077	-0.00458397
709	-0.01538130	0.00545895	-0.00607065
710	-0.01633222	0.00480271	-0.00766838
711	-0.01736083	0.00416960	-0.00982685
712	-0.01813084	0.00382999	-0.01135170

713	-0.01891452	0.00357245	-0.01302496
714	-0.01961420	0.00340048	-0.01400446
715	-0.02038428	0.00326888	-0.01525280
716	-0.02120792	0.00308522	-0.01661455
717	-0.02225407	0.00360442	-0.01874784

Procrustes sums of squares: 0.2441427185486877

Tangent sums of squares: 0.24195941431844775

Data matrices in this dataset:

- PD_All, raw data
- PD_All, centroid size
- PD_All, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, PD_All, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00188016	24.089	24.089
2.	0.00106281	13.617	37.706
3.	0.00084391	10.812	48.518
4.	0.00056390	7.225	55.742
5.	0.00041004	5.253	60.996
6.	0.00036020	4.615	65.611
7.	0.00034068	4.365	69.976
8.	0.00024889	3.189	73.164

9.	0.00024222	3.103	76.268
10.	0.00019318	2.475	78.743
11.	0.00016654	2.134	80.877
12.	0.00015912	2.039	82.915
13.	0.00013103	1.679	84.594
14.	0.00012261	1.571	86.165
15.	0.00010871	1.393	87.558
16.	0.00010486	1.344	88.901
17.	0.00009471	1.213	90.115
18.	0.00009017	1.155	91.270
19.	0.00008836	1.132	92.402
20.	0.00007871	1.008	93.410
21.	0.00007287	0.934	94.344
22.	0.00006489	0.831	95.175
23.	0.00006021	0.771	95.947
24.	0.00005493	0.704	96.651
25.	0.00005122	0.656	97.307
26.	0.00004914	0.630	97.936
27.	0.00004175	0.535	98.471
28.	0.00003806	0.488	98.959
29.	0.00003411	0.437	99.396
30.	0.00002718	0.348	99.744
31.	0.00001996	0.256	100.000

Total variance: 0.00780514

Variance of the eigenvalues: 0.0000000029870

Eigenvalue variance scaled by total variance: 0.00005

Eigenvalue variance scaled by total variance and number of variables: 0.10517

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 2144.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	-0.001755		0.037768		0.031621		-0.002913		0.050409		-0.033765	
	-0.042043		-0.027121		-0.025312		0.013613		0.037750		-0.015836	
	0.007003		-0.004727		-0.015003		0.015271		0.021247		0.021210	
	-0.016546		0.000607		-0.000660		0.012376		-0.011014		-0.010571	
	-0.009476		-0.015375		-0.013999		-0.017657		-0.007537		0.011670	
	0.004065											
y1	-0.007366		0.004615		-0.023816		-0.000542		-0.007704		-0.019496	
	-0.011384		0.007357		0.009704		-0.013185		0.036232		0.019749	
	-0.000285		0.016103		-0.007110		-0.002722		0.004606		-0.025036	
	0.015984		0.002035		-0.007144		-0.019498		0.005530		-0.035829	
	-0.005074		-0.011243		0.012835		-0.038348		0.000812		0.031176	
	-0.003028											
z1	0.050365		0.014593		0.011810		-0.015988		0.013506		-0.033063	
	0.006229		-0.006955		-0.004444		0.025722		0.025239		0.030592	
	-0.006754		-0.015641		-0.015402		-0.016262		-0.015612		0.005319	
	0.007822		-0.022753		-0.019421		0.026997		-0.018333		0.004821	
	0.004855		0.003835		0.020394		0.001675		0.000931		-0.021340	
	-0.004803											
x2	-0.015506		0.005938		-0.000430		0.009555		0.013248		0.036227	
	-0.000102		0.041494		-0.023405		-0.003897		0.023961		-0.013316	
	0.023559		0.033432		0.016409		-0.016517		-0.002328		-0.013597	
	0.030934		-0.021977		-0.005233		-0.014991		0.017373		-0.001976	

	-0.002291 -0.028489	-0.026654	-0.009804	0.001804	0.017921	-0.013456
y2	0.064170 -0.014039 0.004624 -0.005731 0.039289 -0.024197	0.021407 0.041921 0.008506 0.009473 0.024237	0.009730 0.016146 0.034405 0.010289 -0.008017	-0.022390 0.009417 0.001076 -0.016324 -0.001400	-0.018362 -0.009128 -0.017999 0.036926 0.011753	0.004640 -0.029938 0.013920 -0.000651 0.002872
z2	0.012198 0.008398 -0.014033 -0.029806 -0.004337 0.000328	-0.019219 -0.003421 0.004863 -0.014159 -0.026887	0.034672 -0.004479 0.014715 0.016747 -0.008404	-0.015878 0.019528 0.010877 -0.002502 0.000399	0.002635 -0.018034 0.036190 0.009056 -0.008503	0.010397 -0.029673 -0.010906 0.005240 0.008866
x3	-0.029264 0.010851 0.003977 0.005414 0.000046 -0.003495	-0.000469 0.011189 0.008492 0.001478 -0.002273	-0.018324 -0.017237 -0.028522 -0.041615 0.001335	0.018967 -0.019296 0.015117 -0.019103 0.010062	0.006200 0.018262 -0.021181 -0.016838 0.023051	0.016443 0.012641 0.001556 -0.007870 -0.007643
y3	0.040462 -0.008781 -0.002941 -0.012014 0.020471 -0.009985	0.010974 0.038476 0.001689 0.012301 0.005389	-0.001949 0.007173 0.001309 -0.009031 -0.011393	-0.006047 0.024778 -0.006839 -0.028635 0.008268	-0.023357 -0.037543 -0.020032 0.010436 0.006000	-0.015585 -0.007057 -0.015924 0.013306 0.018150
z3	0.007801 0.007708 -0.008013 -0.013531 -0.008008 0.023753	-0.011165 -0.004652 -0.049674 0.020730 -0.005393	-0.002997 0.020342 -0.023718 -0.018590 0.007306	-0.008397 -0.010202 0.020612 -0.002808 0.020080	-0.009193 -0.022353 0.010230 -0.020658 0.011227	-0.003522 0.001244 0.005723 -0.004630 0.020225
x4	-0.020794 0.005162 0.023360 0.030725 -0.004681 -0.021255	0.006277 0.030160 0.027535 -0.000867 -0.014666	-0.010528 -0.006658 0.004209 -0.031427 -0.011597	0.013699 -0.000609 -0.020882 -0.022898 0.015351	0.003053 0.016266 -0.026927 -0.009684 0.002670	0.013098 0.007735 -0.014027 0.000664 -0.013775
y4	0.050347 -0.016449 0.015708	0.019562 0.045573 0.004421	0.012591 0.010396 0.033316	-0.015060 0.030145 -0.039532	-0.030183 -0.036563 -0.028412	-0.006244 -0.009313 -0.016268

	-0.001790	0.016513	-0.002993	-0.023879	0.019208	0.011357
	-0.002398	-0.002027	-0.008921	0.015623	-0.008105	0.007845
	-0.015068					
z4	0.009305	-0.006069	-0.010370	-0.005067	-0.013181	-0.018438
	0.005494	0.015237	0.016098	0.015938	-0.028692	0.000569
	-0.004223	-0.021099	-0.016664	0.006864	0.007581	-0.012988
	-0.006475	0.002639	-0.011895	-0.013910	-0.008999	0.012024
	0.009431	-0.013567	-0.022105	0.018869	0.012366	0.012516
	0.001355					
x5	-0.016702	0.007881	0.000093	0.014452	0.002150	0.019309
	0.001173	0.033680	-0.006193	0.010994	0.010873	-0.001929
	0.034216	0.036357	0.015683	-0.027197	-0.020672	-0.020432
	0.035682	-0.002298	-0.026059	-0.025517	-0.013901	0.004842
	-0.009380	-0.006397	-0.015984	0.021393	0.014046	-0.018332
	-0.021663					
y5	0.056982	0.017341	0.022880	-0.019377	-0.028617	0.001562
	-0.013976	0.025574	0.007327	0.024907	-0.019839	-0.020714
	0.007444	-0.006310	0.032313	-0.007609	-0.031552	0.011173
	-0.021687	0.033525	-0.005640	-0.011415	0.015084	0.005437
	0.008303	0.004255	-0.000641	0.017035	-0.007167	0.012727
	-0.022441					
z5	0.022178	-0.000771	0.001274	-0.008782	-0.012481	-0.012211
	0.009457	0.019156	0.020390	0.022929	-0.027286	-0.011869
	0.005672	-0.003125	0.002096	0.001896	0.007667	-0.019733
	0.003115	0.004179	-0.003838	-0.004432	0.002842	-0.001535
	0.003216	-0.007064	-0.026664	0.001362	0.003856	0.008190
	0.004688					
x6	-0.012315	0.011178	0.007452	0.015378	0.009730	0.021557
	0.002374	0.024333	-0.018938	0.004903	0.011191	0.000304
	0.030601	0.045028	0.021436	-0.007276	-0.025884	-0.015253
	0.020216	-0.002904	-0.022415	-0.020725	-0.002311	-0.001235
	-0.000754	0.011513	-0.008109	0.004860	0.023612	-0.011934
	-0.012282					
y6	0.055853	0.015275	0.025837	-0.018907	-0.026613	0.000367
	-0.006101	0.021456	-0.003503	0.026566	-0.023123	-0.015648
	0.008632	0.000098	0.033842	0.015011	-0.032067	0.002108
	-0.025999	0.039492	-0.007365	-0.007446	0.015413	-0.004711
	0.012676	0.015005	-0.003350	0.007783	-0.008809	0.014430
	-0.019950					
z6	0.031232	0.006927	0.009265	-0.011214	-0.005981	-0.001972
	0.012358	0.003661	0.005140	0.006700	-0.016987	-0.000826

	-0.000167	0.003902	0.010591	0.019845	-0.006605	-0.003806
	-0.018486	0.004782	0.000506	0.006171	0.034110	-0.005926
	0.010758	0.001377	-0.011074	-0.015190	0.005383	0.017676
	0.008568					
x7	-0.007748	0.017482	0.009902	0.011969	0.021548	0.019625
	-0.007781	0.027840	-0.018921	-0.005093	0.020130	-0.000260
	0.020735	0.042184	0.016827	-0.002142	-0.013803	0.001353
	0.013108	-0.000734	-0.001368	-0.014100	-0.001572	-0.003229
	0.004768	0.013872	-0.000027	-0.001473	0.023742	-0.009210
	-0.015162					
y7	0.057090	0.017560	0.024297	-0.023210	-0.013204	-0.006142
	-0.009918	0.040916	0.003654	0.025922	-0.025152	-0.023408
	-0.003883	0.012335	0.031541	-0.000607	-0.002216	0.001030
	-0.004611	0.029761	0.025252	-0.005558	0.007421	-0.000486
	0.011328	0.011027	0.000508	0.009059	0.010341	0.005980
	-0.019688					
z7	0.032092	0.005541	0.012690	-0.010241	-0.012965	0.003016
	0.009243	-0.005235	-0.005154	0.005392	-0.012517	0.007980
	0.000878	-0.006663	0.005280	0.035469	-0.018778	0.001848
	-0.034965	0.019571	-0.010377	0.007778	0.034417	-0.004593
	0.007538	0.004913	-0.003938	-0.006574	-0.005732	0.024302
	0.001828					
x8	-0.005002	0.018877	0.016096	0.010046	0.022914	0.018496
	-0.009189	0.021809	-0.019145	-0.002395	0.022205	-0.001098
	0.020280	0.040303	0.021058	0.001982	-0.018276	0.008841
	0.005339	-0.001419	-0.005563	-0.008193	-0.003152	-0.007725
	0.005497	0.013441	-0.001644	-0.003499	0.014597	-0.008160
	-0.008808					
y8	0.045932	0.017836	0.019457	-0.016255	-0.021135	-0.007003
	-0.007539	0.049469	-0.000345	0.034155	-0.044012	-0.005003
	0.009996	0.018104	0.027997	-0.016565	0.002992	-0.032313
	0.003304	0.030146	0.013896	-0.018406	0.005886	0.002625
	0.005650	0.008388	-0.015882	0.015009	0.001501	0.007386
	-0.014739					
z8	0.035499	0.003118	0.017639	-0.011502	-0.016764	0.002365
	0.006487	0.000118	-0.003653	0.016867	-0.013581	0.004538
	0.002932	-0.006687	0.009361	0.032565	-0.021799	0.002563
	-0.027754	0.020870	-0.013566	0.007847	0.028480	0.000091
	-0.002297	0.002566	-0.006002	0.001246	-0.012023	0.020961
	-0.008369					

x9	-0.004783	0.014020	0.018707	0.010090	0.017757	0.011807
	-0.010401	0.024872	-0.009107	0.014879	0.011258	-0.020951
	0.015988	0.041474	0.020577	-0.007921	-0.005507	0.010675
	0.021086	0.012095	-0.010551	-0.010961	-0.024479	0.000834
	0.000722	0.011871	-0.009024	0.002656	0.010336	-0.003798
	0.000311					
y9	0.044742	0.015372	0.019964	-0.018122	-0.018915	-0.009766
	-0.009384	0.047651	0.006740	0.032554	-0.037051	-0.008979
	-0.010255	0.015802	0.017191	-0.018643	0.012110	-0.020500
	0.013838	0.029073	0.017120	-0.013928	0.002235	0.010247
	0.003487	0.014521	-0.007463	0.028942	0.014425	0.014862
	-0.015712					
z9	0.037799	-0.000643	0.015598	-0.012986	-0.013775	-0.007403
	-0.003038	0.032515	0.018477	0.035588	-0.026610	-0.026709
	-0.006042	-0.002673	0.005409	-0.005838	0.015962	0.000604
	0.015178	0.030453	0.012384	0.000745	-0.002920	0.016360
	-0.009499	-0.008345	-0.015447	0.014922	0.000594	0.013155
	-0.011852					
x10	-0.005821	0.017776	0.019499	0.011975	0.018019	0.009988
	-0.012930	0.023694	-0.014567	0.016682	0.005358	-0.017157
	0.023044	0.035434	0.021558	-0.011238	-0.006375	0.002903
	0.015126	0.012318	-0.011600	-0.012624	-0.026434	-0.005780
	0.006535	0.008373	-0.012026	-0.002606	0.000913	-0.006951
	0.006379					
y10	0.044791	0.008087	0.020401	-0.017701	-0.016479	-0.014213
	-0.007857	0.044075	0.015379	0.037021	-0.027984	-0.018065
	-0.012493	0.007401	0.004520	-0.011462	0.019505	-0.008159
	0.023496	0.045397	0.015020	-0.008892	-0.016293	0.009216
	0.007749	0.010082	-0.010685	0.031511	0.008303	0.019279
	-0.012467					
z10	0.035561	0.010280	0.014803	-0.010792	-0.012547	-0.004041
	-0.007392	0.042144	0.003640	0.030146	-0.039597	-0.004080
	0.000066	0.001389	0.017176	-0.014801	0.007770	-0.022893
	0.006811	0.009752	0.016075	-0.006730	0.017461	0.012791
	-0.008480	-0.003562	-0.011542	0.013535	0.004587	0.002738
	-0.017675					
x11	-0.003168	0.027327	0.021655	0.006524	0.027638	0.008893
	-0.018838	0.021081	-0.023182	0.006300	0.010532	-0.009860
	0.017395	0.030460	0.022131	-0.007032	-0.003182	0.011245
	0.005818	0.002468	0.011159	-0.004233	-0.021227	-0.015465
	0.015716	0.006979	-0.002535	-0.003872	0.005646	-0.011498
	0.009363					

y11	0.046588	0.010968	0.023446	-0.015504	-0.009311	-0.010327
	-0.006129	0.023912	0.003118	0.016295	-0.017772	-0.000358
	-0.011440	-0.002463	0.007456	0.004544	-0.006957	-0.007474
	0.004265	0.041488	0.003108	0.000175	0.006923	-0.002941
	0.026174	0.011184	-0.002008	0.012852	-0.004497	0.022123
	-0.022873					
z11	0.045029	0.010585	0.023889	-0.014581	-0.000313	-0.006354
	0.000648	0.031990	0.017901	0.030171	-0.012160	-0.027672
	-0.016701	-0.009902	0.021124	0.004652	0.010194	0.011264
	-0.008017	0.009817	0.011937	0.004842	0.004819	-0.011482
	-0.008609	-0.000764	0.014639	0.011975	0.011104	0.001296
	-0.021607					
x12	0.000964	0.025667	0.025365	0.003312	0.026656	0.006716
	-0.020436	0.010513	-0.021842	0.007041	0.011553	-0.012006
	0.005606	0.036406	0.026140	0.006261	-0.003714	0.014286
	0.002779	0.012473	0.013005	-0.002377	-0.009508	-0.000564
	0.016291	0.011685	-0.003420	0.004687	-0.001479	-0.001498
	0.009858					
y12	0.042334	0.010108	0.020263	-0.014375	-0.005134	-0.010118
	-0.011848	0.024202	-0.000406	0.007521	-0.024455	-0.004838
	-0.022375	-0.011641	-0.000792	-0.004215	-0.000349	-0.015218
	0.010005	0.033844	0.001082	-0.008222	-0.004519	-0.003685
	0.021272	0.009639	0.007566	0.015120	0.026318	0.009685
	-0.013522					
z12	0.044794	0.009401	0.027384	-0.011818	-0.001306	-0.002502
	0.019073	0.035058	0.021043	0.040778	-0.013880	-0.025610
	-0.014413	-0.005304	0.015111	0.003734	0.025632	0.022334
	-0.005698	0.012333	0.002686	-0.001772	-0.008045	-0.017825
	-0.024465	0.003757	0.021391	0.016632	0.014827	0.014104
	-0.014284					
x13	0.001540	0.024594	0.026119	0.000158	0.024936	0.002083
	-0.027528	0.005604	-0.019889	0.007191	0.004669	-0.010286
	0.000590	0.041432	0.028970	0.011264	-0.003750	0.015907
	0.015939	0.025485	0.024635	-0.007295	0.001302	0.015874
	0.022543	0.002352	-0.017632	0.000149	-0.041457	0.016370
	-0.009318					
y13	0.039576	0.008693	0.018567	-0.014048	-0.001330	-0.008223
	-0.000814	0.017927	0.002525	0.005558	-0.019982	-0.009411
	-0.030830	-0.013482	-0.009462	0.006916	0.009507	-0.001482
	0.003722	0.031932	-0.002050	-0.014962	-0.011902	-0.007479
	0.016077	0.009410	0.010043	0.014388	0.028729	0.011664
	-0.011364					

z13	0.044585	0.010458	0.028598	-0.010977	-0.001339	-0.001196
	0.019283	0.035833	0.018767	0.043533	-0.017292	-0.017435
	-0.011978	-0.006685	0.013673	-0.003049	0.031016	0.021183
	0.004193	0.013031	0.001529	-0.006343	-0.008526	-0.014686
	-0.022650	0.003396	0.018637	0.013088	0.002245	0.021726
	-0.022982					
x14	0.003552	0.024722	0.027371	-0.002278	0.024847	0.000483
	-0.031564	0.004086	-0.020002	0.004025	0.003661	-0.007933
	-0.004357	0.040159	0.025144	0.015387	-0.008206	0.013320
	0.015011	0.029034	0.027476	-0.002156	0.008223	0.022459
	0.024543	0.005219	-0.017745	0.001369	-0.042293	0.029030
	-0.011055					
y14	0.037413	0.007387	0.014094	-0.012373	-0.004388	-0.007846
	0.007118	0.020550	0.010652	0.003005	-0.017979	-0.008261
	-0.034660	-0.007452	-0.017075	0.018852	0.010960	0.014116
	0.008590	0.032649	-0.004146	-0.028379	-0.014643	-0.008850
	0.011744	-0.002895	0.001131	0.011931	0.008027	0.023110
	-0.014032					
z14	0.046661	0.009995	0.030821	-0.012866	-0.000930	-0.003638
	0.013833	0.031040	0.012843	0.040617	-0.018260	-0.011348
	-0.010913	-0.010481	0.012294	-0.011305	0.024486	0.009216
	0.008929	0.013910	0.004064	0.004202	-0.005097	-0.001358
	-0.015858	0.010430	0.025145	0.015045	0.015410	0.021702
	-0.018984					
x15	0.002181	0.029269	0.031344	-0.002444	0.033030	0.004554
	-0.025107	0.003797	-0.021808	0.010452	0.003545	-0.010675
	-0.008337	0.029569	0.018692	0.019345	0.010782	0.017757
	0.002213	0.015136	0.016721	0.001409	-0.006459	0.001328
	0.006893	0.017165	-0.004628	-0.002722	-0.015739	0.027230
	-0.005372					
y15	0.035770	0.007311	0.010427	-0.012612	-0.002559	-0.011061
	0.008168	0.023383	0.009117	0.000339	-0.019132	-0.009364
	-0.037984	-0.005584	-0.019843	0.015863	0.018381	0.019239
	0.008424	0.031262	-0.007606	-0.031614	-0.012696	-0.006234
	0.017880	-0.009461	-0.000219	0.010049	0.013544	0.016084
	-0.013804					
z15	0.049765	0.005741	0.033922	-0.014320	-0.006847	-0.009974
	0.004282	0.017699	0.005452	0.038225	-0.019635	-0.003555
	-0.004183	-0.011438	0.012535	-0.013430	-0.000620	-0.011476
	0.022134	0.016506	0.011315	0.019211	-0.006088	0.017725
	-0.017179	0.021699	0.024323	0.018421	0.026805	0.021561
	-0.006361					

x16	-0.001201	0.031000	0.034197	0.005566	0.030389	0.004791
	-0.036078	-0.009918	-0.025900	0.012973	0.023735	-0.010471
	-0.000598	0.023287	0.012144	0.009220	0.004282	0.035734
	-0.000259	0.003965	0.030328	0.011135	-0.015737	0.008947
	-0.006739	0.007471	0.004729	0.019223	-0.013461	0.030026
	-0.011204					
y16	0.030472	0.005368	0.006469	-0.007927	-0.005451	-0.012598
	0.001030	0.020609	0.007415	-0.002256	-0.008490	-0.009352
	-0.029126	-0.006721	-0.023714	0.004222	0.011202	0.007227
	0.006644	0.013609	-0.005318	-0.013085	-0.017346	-0.004013
	0.007026	0.001545	0.008070	0.016948	0.041110	-0.002274
	-0.000599					
z16	0.047080	0.006929	0.035364	-0.004557	-0.009904	-0.007740
	-0.002919	0.002863	0.000568	0.040553	0.002192	0.001320
	0.007216	-0.019112	0.004228	-0.028194	-0.012271	0.007466
	0.028347	0.005430	0.027004	0.018504	-0.016013	0.032070
	-0.029955	0.007374	0.030306	0.041848	0.012961	0.027393
	-0.004662					
x17	-0.002926	0.033228	0.035853	0.002600	0.026115	0.004314
	-0.030347	-0.016543	-0.033992	0.016139	0.004302	0.006655
	0.006806	0.021080	0.018121	0.022484	0.004475	0.024978
	-0.016978	0.011326	0.000777	0.000309	-0.006034	-0.000471
	0.002954	0.000730	-0.006418	0.007455	-0.031520	0.031731
	-0.028174					
y17	0.020582	0.002963	0.001526	-0.007201	-0.010192	-0.009617
	-0.000726	0.016062	0.009296	-0.003507	-0.011018	0.003522
	-0.024566	-0.012014	-0.022596	0.000239	0.006524	-0.000327
	0.007565	0.002379	-0.011426	-0.011274	-0.016232	-0.001062
	-0.019605	-0.002053	-0.005212	0.028774	0.017100	0.005283
	-0.013071					
z17	0.046881	0.009095	0.037085	-0.008086	-0.016452	-0.007735
	0.010790	-0.001775	-0.014027	0.043488	-0.024570	0.029671
	0.018176	-0.021019	0.012115	-0.011451	-0.023348	-0.016461
	0.010730	0.018695	-0.019631	-0.001528	-0.001197	0.024468
	-0.001681	0.004503	0.023503	0.022456	-0.003210	0.012932
	-0.000013					
x18	-0.006003	0.032085	0.032956	0.003182	0.025507	-0.002109
	-0.029440	-0.010755	-0.036140	0.019328	-0.009765	0.008724
	0.018574	0.023808	0.010426	0.015748	0.011854	0.014375
	-0.013294	0.014588	0.000584	0.003323	-0.013772	-0.000818
	0.010939	0.004997	-0.008876	-0.008470	-0.016896	0.033538
	-0.025048					

y18	0.006862	0.000512	-0.009099	-0.008686	-0.020261	-0.008338
	0.000694	0.020735	0.008830	-0.004750	-0.026289	0.019102
	-0.008263	-0.017951	-0.022518	-0.014834	-0.001067	-0.012190
	0.010333	0.002820	-0.018102	-0.023634	-0.014159	0.008169
	-0.017492	-0.019149	-0.010023	0.026776	-0.000466	0.002858
	-0.018942					
z18	0.044801	0.007848	0.034468	-0.007229	-0.015276	-0.015980
	0.009790	0.011344	-0.010917	0.049997	-0.033132	0.028018
	0.026890	-0.010998	-0.000644	-0.027318	-0.006903	-0.028756
	0.033134	0.020545	-0.009377	0.002783	-0.022778	0.030037
	0.021959	0.012187	0.035769	0.005646	0.023119	-0.006185
	0.039057					
x19	-0.007227	0.028456	0.033337	0.008757	0.028660	-0.005853
	-0.031043	-0.011628	-0.034016	0.017478	-0.002730	0.002270
	0.022080	0.030194	-0.001654	0.009989	0.013905	0.009440
	-0.014236	0.005843	0.010623	0.016187	-0.020894	0.001036
	0.003629	0.002998	-0.006029	-0.013697	-0.006907	0.042720
	-0.028719					
y19	0.005784	-0.003574	-0.011874	-0.008263	-0.014250	-0.002613
	0.015086	0.010217	0.012572	-0.020448	-0.009747	0.016012
	-0.008258	-0.003888	-0.018472	0.017238	-0.016830	-0.017270
	-0.014583	0.000506	-0.022600	-0.004472	0.001219	-0.007901
	0.015673	0.000649	0.010855	-0.024635	0.015515	-0.014144
	0.004385					
z19	0.041714	0.004465	0.033153	0.003364	-0.008265	-0.021705
	0.003275	0.016796	-0.008874	0.051436	-0.022530	0.019925
	0.028418	0.000870	-0.013797	-0.046152	0.008294	-0.035651
	0.051319	0.011782	0.016305	0.007071	-0.036693	0.036476
	0.008050	0.010150	0.017383	0.011285	0.019356	0.001541
	0.043853					
x20	-0.006228	0.026758	0.033462	0.009655	0.034430	-0.004772
	-0.030008	-0.019121	-0.032688	0.012553	0.007608	-0.001145
	0.017059	0.024684	-0.003501	0.013421	0.012716	0.024640
	-0.015517	-0.003567	0.011916	0.025210	-0.015654	0.003859
	0.008727	0.005894	0.008465	-0.014251	0.008154	0.045876
	-0.011866					
y20	0.005247	-0.007010	-0.012590	-0.007999	-0.005459	0.006431
	0.010370	-0.000293	0.025316	-0.035484	0.026738	-0.008453
	-0.030180	-0.005598	-0.014887	0.021250	-0.016597	0.031554
	-0.022547	-0.010088	0.000954	0.020351	0.000304	-0.002245
	0.020096	-0.004843	0.040187	-0.015439	0.035344	-0.020837
	0.012417					

z20	0.038897	0.004049	0.030958	0.011771	-0.006099	-0.022155
	0.005568	0.010831	-0.020081	0.047940	-0.023016	0.024900
	0.033746	-0.000506	-0.014188	-0.043527	-0.000782	-0.042571
	0.041348	0.006116	0.002235	0.009117	-0.022730	0.031543
	-0.002973	0.009791	-0.011320	0.019267	-0.002527	0.008288
	0.011290					
x21	-0.007302	0.025690	0.033309	0.008261	0.035493	-0.005188
	-0.026565	-0.025890	-0.031135	0.008492	0.001403	0.001077
	0.015461	0.015578	-0.000913	0.025123	0.014252	0.021685
	-0.017965	-0.003397	0.003476	0.021359	-0.004887	-0.000412
	0.010379	0.010277	0.000825	-0.015490	0.004239	0.051148
	0.008528					
y21	-0.001590	-0.010221	-0.018696	0.000148	-0.004664	0.013550
	0.009059	0.003146	0.014500	-0.035753	0.018039	-0.000913
	-0.022868	-0.006981	-0.004022	0.026672	-0.017987	0.019748
	-0.018708	-0.002965	-0.002738	0.016208	0.021605	-0.006146
	0.015369	0.001344	0.015738	-0.011241	0.017609	-0.009583
	0.008013					
z21	0.043538	0.003034	0.033922	0.003086	0.000161	-0.020168
	0.014062	-0.007969	-0.025834	0.028691	-0.016953	0.020433
	0.011235	-0.002819	-0.004956	-0.023122	-0.011688	-0.022174
	0.011436	0.009870	-0.016197	0.020688	-0.009390	0.028192
	-0.001878	0.014760	-0.008638	0.005028	0.001274	0.011433
	-0.015297					
x22	-0.011180	0.021297	0.029973	0.005893	0.035754	-0.003435
	-0.026080	-0.030084	-0.022644	0.003242	0.003355	-0.006035
	0.008639	0.006003	-0.003606	0.030185	0.015735	0.023649
	-0.016823	-0.004814	0.002909	0.015632	0.000266	0.000326
	0.003452	0.002816	0.000418	-0.003285	0.019565	0.045124
	0.029186					
y22	-0.010659	-0.013654	-0.026600	0.006124	-0.009412	0.018920
	0.011264	0.010672	0.010644	-0.033989	0.008263	0.006693
	-0.005315	-0.004847	0.003130	0.026276	-0.018596	-0.003278
	-0.007874	0.003099	0.002482	0.006860	0.030827	-0.018059
	0.015267	0.010426	0.004914	-0.019060	0.009548	-0.009864
	0.007032					
z22	0.042746	-0.002120	0.029671	-0.006128	0.005797	-0.018745
	0.012958	-0.011564	-0.018511	0.015108	-0.006713	0.009215
	-0.006799	-0.011639	-0.010401	-0.020935	-0.004258	-0.000043
	0.003162	0.013196	-0.014137	0.023969	-0.010411	0.029866
	0.000779	0.011433	-0.002140	0.000806	0.009304	0.007308
	-0.010385					

x23	-0.016752	0.016369	0.023431	0.004501	0.034585	0.001643
	-0.024983	-0.031441	-0.010977	-0.002488	-0.001098	-0.009613
	-0.001314	-0.008747	-0.001933	0.029009	0.017848	0.026248
	-0.008387	-0.005275	0.009844	0.017243	0.002803	0.004900
	-0.001718	-0.009018	0.013565	0.007608	0.023093	0.039159
	0.023554					
y23	-0.012464	-0.013756	-0.030697	0.001230	-0.007977	0.013383
	0.001449	0.034263	0.024503	-0.025690	0.005462	-0.012357
	-0.013690	-0.006038	0.002153	-0.001336	0.009786	-0.000913
	0.017840	0.008785	0.034589	-0.004893	0.003905	-0.016491
	0.005736	0.009180	-0.008590	-0.006775	0.016159	-0.016953
	0.000594					
z23	0.032852	-0.006899	0.019522	-0.009499	0.001590	-0.011247
	0.010335	-0.013743	-0.019183	0.009792	-0.014369	0.012262
	-0.007385	-0.017942	-0.011085	-0.025238	-0.003229	0.006390
	0.000656	0.012167	-0.013067	0.018779	-0.006236	0.033622
	-0.000831	0.010525	0.000774	0.007052	0.007774	-0.003171
	-0.014249					
x24	-0.025733	0.012531	0.015603	0.006619	0.028400	0.007069
	-0.022928	-0.026042	-0.006832	0.003928	-0.013605	-0.008594
	0.004879	-0.012745	0.002216	0.021760	0.019656	0.014185
	-0.000042	-0.002885	0.009959	0.015288	-0.002205	0.011094
	-0.004017	-0.010351	0.008027	0.010677	0.015654	0.022710
	0.005591					
y24	-0.011919	-0.007555	-0.026650	-0.001409	-0.008477	0.010717
	-0.002017	0.025436	0.019372	-0.013910	0.014554	-0.000133
	-0.006865	-0.010660	0.012017	-0.020581	0.006921	-0.007494
	0.007245	0.004693	0.025382	-0.004827	0.001198	-0.020570
	-0.000879	0.009418	-0.013032	-0.008842	-0.005312	-0.017075
	-0.001703					
z24	0.022403	-0.009673	0.009559	-0.009233	-0.005927	-0.005015
	0.009134	-0.009056	-0.020716	0.012993	-0.025813	0.015951
	-0.000273	-0.015225	-0.009739	-0.025893	-0.001846	-0.001339
	0.005349	0.013342	-0.010762	0.010197	-0.008646	0.031510
	-0.000380	0.010432	-0.009705	0.008138	-0.000216	-0.017997
	-0.007004					
x25	-0.027635	0.012555	0.011696	0.007590	0.024084	0.010917
	-0.018299	-0.021376	-0.005641	0.003538	-0.010299	-0.009899
	0.004713	-0.003634	0.004873	0.028400	0.011742	0.010691
	-0.004048	-0.002531	0.003064	0.010798	0.002090	0.013302
	-0.006983	-0.008254	0.012224	0.010766	0.016380	0.018605
	-0.002406					

y25	-0.008444	-0.003717	-0.019016	-0.002951	-0.002632	0.005617
	0.002551	0.007677	0.013237	-0.007591	0.021082	0.011524
	-0.003497	-0.017060	0.019903	-0.026107	0.001185	-0.010632
	-0.002950	0.003243	0.013529	0.000512	0.001186	-0.025914
	0.003914	0.015703	-0.007906	-0.024728	-0.020074	-0.012582
	0.004800					
z25	0.020065	-0.008722	0.000210	-0.006916	-0.014539	-0.003862
	0.009350	0.013952	-0.012831	0.008174	-0.016722	0.011219
	0.002316	-0.002885	-0.017493	-0.011276	-0.008845	-0.008080
	0.009260	0.011149	-0.009984	-0.002705	-0.005016	0.023598
	-0.002013	0.004834	-0.017331	0.008671	-0.006023	-0.017780
	0.001457					
x26	-0.025287	0.014109	0.011107	0.008051	0.024196	0.013656
	-0.012405	-0.024763	-0.003716	-0.000814	0.000779	-0.010402
	0.000113	0.002047	0.006382	0.035303	-0.003756	0.015145
	-0.012218	-0.003744	-0.004090	0.008738	0.008992	0.010620
	-0.004545	-0.003585	0.023829	0.009868	0.015560	0.021144
	-0.006271					
y26	-0.009254	-0.001403	-0.018542	0.002991	-0.010501	0.000489
	0.007833	0.012457	0.016592	-0.008390	0.017657	0.017647
	0.006858	-0.012100	0.018757	-0.018432	-0.012923	-0.024926
	-0.002506	0.009816	0.002836	-0.000978	0.000681	-0.031503
	-0.001090	0.016199	-0.022051	-0.023462	-0.028680	0.002136
	0.001051					
z26	0.022177	-0.006074	0.000420	-0.008392	-0.013108	-0.003539
	0.012061	0.012526	-0.008270	0.002914	0.000298	0.006985
	-0.000022	0.001396	-0.015279	-0.000231	-0.019597	0.000907
	0.002648	0.008693	-0.011462	-0.002761	0.000676	0.016955
	0.000714	0.002229	-0.010508	0.004293	-0.008042	-0.015516
	0.004095					
x27	-0.025720	0.015311	0.006976	0.007848	0.025660	0.013736
	-0.007935	-0.025721	-0.001476	-0.001103	0.002418	-0.008238
	-0.000385	0.002892	0.001212	0.028082	-0.008063	0.012028
	-0.010615	-0.000632	-0.004977	0.007194	0.007626	0.010735
	-0.002082	-0.001699	0.024939	0.014844	0.013924	0.023678
	-0.024048					
y27	-0.006525	-0.004197	-0.016722	0.006469	-0.015554	-0.003668
	0.009152	0.031025	0.022945	-0.013061	0.018249	0.016733
	0.009956	-0.007731	0.014798	-0.008091	-0.014458	-0.025059
	-0.009534	0.015139	0.003698	-0.001313	-0.006391	-0.032003
	-0.014184	0.018090	-0.018031	-0.017015	-0.026511	0.012664
	0.013512					

z27	0.019379	-0.003943	-0.001123	-0.010132	-0.009226	-0.007443
	0.007523	0.013310	-0.004050	0.006817	0.000789	0.003949
	0.003902	-0.003817	-0.016337	-0.013471	-0.003904	-0.000463
	0.011478	0.009203	-0.000664	-0.001092	-0.007576	0.012838
	-0.000622	-0.001513	-0.012081	0.007215	-0.014325	-0.018705
	0.012610					
x28	-0.026364	0.013379	0.003994	0.008838	0.025086	0.014435
	-0.001978	-0.027976	-0.002547	0.000761	0.001469	-0.001826
	0.001402	0.000181	0.004394	0.018675	-0.011727	0.009977
	-0.017530	-0.001879	-0.005849	0.011651	-0.000135	0.007102
	-0.001065	0.005940	0.023739	0.016089	0.014136	0.016769
	-0.033122					
y28	-0.005190	-0.004134	-0.010458	0.006608	-0.008246	-0.007055
	0.007411	0.036624	0.019594	-0.013504	0.006313	0.017856
	0.009322	-0.005871	0.019323	-0.008161	-0.009354	-0.020727
	-0.013603	0.015038	0.006174	-0.001263	-0.015739	-0.025028
	-0.020717	0.027442	-0.007113	-0.012933	-0.013299	0.019733
	0.016233					
z28	0.016894	-0.004437	-0.000419	-0.009605	-0.008730	-0.013633
	0.004254	0.010447	-0.007112	0.008176	-0.003794	0.009247
	0.009604	-0.007150	-0.007274	-0.018941	0.010634	0.000146
	0.009447	0.002809	0.003532	0.000437	-0.018701	0.009648
	-0.002740	0.003782	-0.012391	0.001507	-0.022819	-0.015281
	0.023094					
x29	-0.027095	0.012398	0.001771	0.015277	0.024469	0.012218
	0.002140	-0.029850	0.006528	-0.007480	-0.005438	0.006358
	0.004609	0.003469	0.011710	0.010784	-0.018949	0.009202
	-0.024370	0.001337	-0.010955	0.015470	-0.009264	-0.003086
	-0.004967	0.008015	0.040424	0.007768	0.007126	0.018374
	-0.044040					
y29	-0.005811	-0.000552	-0.001721	0.005378	0.003192	-0.006582
	0.003972	0.036213	0.022654	-0.017255	0.001802	0.015907
	0.007048	-0.010480	0.024591	-0.012422	-0.000771	-0.010809
	-0.016119	0.015652	0.008433	-0.001875	-0.005047	-0.016180
	-0.016358	0.033099	-0.010520	-0.007243	-0.029160	0.030600
	-0.008127					
z29	0.013453	-0.005757	-0.000565	-0.006323	-0.009114	-0.019698
	0.002435	0.015688	-0.003671	0.004392	-0.006743	0.005866
	0.010694	-0.004597	0.004381	-0.017034	0.018595	-0.001268
	0.010154	0.001424	0.000203	-0.000660	-0.018675	0.015581
	-0.003376	0.008250	-0.020038	0.004703	-0.023441	-0.002858
	0.014775					

x30	-0.026775	0.011585	0.001996	0.021352	0.029753	0.008320
	0.003117	-0.023984	0.008875	-0.015849	-0.011316	0.011739
	0.006331	-0.000352	0.018688	0.000782	-0.025463	0.013886
	-0.032369	0.012804	-0.005825	0.014442	-0.000315	-0.026208
	-0.020159	0.000375	0.046748	0.013009	-0.007335	0.037369
	-0.042109					
y30	-0.004947	0.005848	0.008627	0.000560	0.010549	-0.008990
	-0.002857	0.035102	0.019888	-0.023815	0.003730	0.019746
	0.014574	-0.003026	0.019877	-0.015495	0.014073	-0.001597
	-0.025441	0.015709	0.008058	-0.002891	0.001589	-0.010320
	-0.006081	0.036829	-0.007359	0.008394	-0.025570	0.033238
	-0.030939					
z30	0.008679	-0.001761	0.002761	-0.005190	-0.007131	-0.018721
	0.001321	0.022241	0.007254	-0.001439	-0.001836	-0.000817
	0.014857	0.001811	0.010006	-0.017227	0.019346	-0.004869
	0.013488	0.009145	-0.004038	0.002078	-0.006737	0.008786
	-0.020406	0.007063	-0.016279	-0.006738	-0.019796	0.006328
	-0.003150					
x31	-0.027397	0.011871	0.001697	0.020941	0.034933	0.007434
	0.004738	-0.017578	0.003660	-0.019194	-0.009726	0.017032
	0.012406	-0.005264	0.017494	-0.007992	-0.024117	0.013125
	-0.029265	0.016851	0.003183	0.012543	0.014716	-0.041400
	-0.018295	-0.009057	0.047707	0.016084	-0.010467	0.041092
	-0.028030					
y31	-0.002305	0.007728	0.014985	-0.002865	0.010973	-0.009211
	-0.006391	0.026606	0.015568	-0.021319	0.001465	0.012594
	0.018134	0.001592	0.010967	-0.008293	0.023699	-0.000411
	-0.014202	0.009548	0.009552	-0.001429	-0.011769	0.000854
	-0.005173	0.030298	0.017251	0.014922	-0.019073	0.008335
	-0.038176					
z31	0.004285	0.004879	0.008094	-0.012068	-0.004285	-0.011777
	-0.006842	0.026357	0.015144	-0.002046	0.014217	-0.000288
	0.028404	0.012342	0.016327	-0.007970	0.034711	-0.006119
	0.017425	0.013523	-0.000788	0.001052	0.015319	-0.000724
	-0.017867	0.002446	-0.019076	-0.006227	-0.016262	-0.006936
	-0.012521					
x32	-0.028628	0.010834	0.001610	0.018518	0.037335	0.007300
	0.006724	-0.015721	-0.002203	-0.019189	-0.008844	0.021060
	0.013115	-0.010035	0.015061	-0.014056	-0.020541	0.012760
	-0.018393	0.014697	0.012957	0.003647	0.022593	-0.041023
	-0.006830	-0.016542	0.038305	0.025877	-0.017831	0.042131
	-0.021220					

y32	0.001282	0.004646	0.013699	-0.003744	0.003083	-0.006656
	-0.004255	0.014398	0.011620	-0.015278	-0.001432	0.006629
	0.009455	0.004210	0.008252	-0.002139	0.030042	0.002185
	-0.003917	0.004064	0.007901	-0.003725	-0.018271	0.003297
	-0.013940	0.014727	0.015057	0.016346	-0.012546	-0.008688
	-0.036845					
z32	-0.000447	0.008573	0.012332	-0.020955	-0.001809	-0.008768
	-0.013922	0.024437	0.024597	-0.003080	0.022745	-0.007251
	0.031666	0.022458	0.018602	0.001945	0.045049	-0.011079
	0.022282	0.010612	0.001508	0.006960	0.021528	0.008453
	-0.006679	0.000340	-0.018179	0.009451	-0.022265	-0.014544
	-0.016227					
x33	-0.029691	0.009167	0.001928	0.016226	0.039619	0.010347
	0.008891	-0.015792	-0.009284	-0.013650	-0.006783	0.021892
	0.009734	-0.018309	0.012468	-0.017501	-0.022113	0.008843
	-0.005266	0.013940	0.019049	-0.006746	0.028843	-0.034059
	0.002786	-0.024236	0.022800	0.036749	-0.021643	0.038242
	-0.016055					
y33	0.002992	0.002954	0.011382	-0.008998	-0.004010	-0.006385
	-0.004371	0.003596	0.009394	-0.012313	0.000498	0.003916
	0.005729	0.006206	0.007297	0.005181	0.031255	-0.000669
	0.005789	0.002704	0.001871	-0.002491	-0.013813	0.006259
	-0.013278	0.000167	0.002113	0.004577	-0.014996	-0.008817
	-0.016147					
z33	-0.002371	0.010331	0.016485	-0.027849	-0.002185	-0.004299
	-0.015994	0.019208	0.029785	0.001474	0.026831	-0.014112
	0.031369	0.032860	0.018203	0.008296	0.046670	-0.015120
	0.025392	0.007456	0.002052	0.008973	0.017359	0.012664
	0.003411	-0.009546	-0.015643	0.018687	-0.011361	-0.030829
	-0.010157					
x34	-0.029973	0.007374	0.002434	0.014264	0.040193	0.010544
	0.011727	-0.016536	-0.015931	-0.007346	-0.003455	0.022378
	0.008877	-0.028683	0.010509	-0.018407	-0.020580	0.001477
	0.006682	0.010701	0.021036	-0.009095	0.031719	-0.028005
	0.001754	-0.022200	0.012244	0.040397	-0.022556	0.031481
	-0.007104					
y34	0.004247	0.001378	0.009556	-0.016643	-0.008523	-0.009263
	-0.006884	-0.002589	0.009614	-0.010867	0.002072	0.003691
	0.008758	0.012989	0.007033	0.004699	0.026287	-0.008584
	0.013577	0.009164	-0.001478	0.010750	-0.002688	0.011023
	-0.009723	-0.012315	-0.009582	-0.005211	-0.009313	-0.004856
	0.009525					

z34	-0.001479	0.010514	0.020728	-0.029045	-0.002135	-0.004830
	-0.011746	0.011426	0.028841	0.003572	0.025561	-0.014657
	0.032463	0.036116	0.021165	0.011810	0.050726	-0.012963
	0.020736	0.001451	-0.002247	0.012989	0.008808	0.008229
	-0.005818	-0.014544	-0.014461	0.013466	-0.002534	-0.034311
	0.008903					
x35	-0.031148	0.006450	0.003332	0.014249	0.040060	0.010585
	0.015001	-0.014339	-0.019140	-0.000267	-0.000605	0.020490
	0.008655	-0.036696	0.006007	-0.018685	-0.015255	-0.002713
	0.013205	0.002142	0.019828	-0.010806	0.025548	-0.027557
	-0.004790	-0.013414	0.019241	0.035057	-0.022198	0.018604
	-0.004477					
y35	0.004687	0.001299	0.007049	-0.018874	-0.012846	-0.009952
	-0.004331	-0.002190	0.011212	-0.007921	0.002111	0.002363
	0.012507	0.017432	0.004134	0.003498	0.030384	-0.007364
	0.010425	0.007006	-0.003811	0.015573	-0.002218	0.002525
	-0.009328	-0.014394	-0.010093	-0.008532	0.001806	-0.005355
	0.016433					
z35	-0.000941	0.009475	0.025727	-0.024555	0.001911	-0.005224
	-0.007395	0.010390	0.028118	0.004008	0.020472	-0.015524
	0.026171	0.037697	0.020597	0.009206	0.046120	-0.004105
	0.009693	-0.005377	-0.006090	0.014681	-0.002747	0.002527
	-0.024318	-0.019032	-0.000187	0.002912	-0.003126	-0.032308
	0.020625					
x36	-0.031606	0.005842	0.004187	0.013617	0.039564	0.010159
	0.015687	-0.010446	-0.021117	0.009779	0.001637	0.016848
	0.014244	-0.040055	0.005866	-0.021501	-0.012592	-0.009909
	0.022133	-0.005935	0.015304	-0.012691	0.021288	-0.020815
	-0.004715	-0.005214	0.025053	0.029192	-0.019749	-0.001781
	-0.009722					
y36	0.007519	0.004029	0.004949	-0.015381	-0.014770	-0.006980
	0.002986	0.001285	0.010414	0.002908	-0.001379	-0.002500
	0.019067	0.018112	0.011908	-0.000938	0.033787	-0.000957
	0.000194	-0.005066	-0.010728	0.011020	-0.006629	-0.009672
	-0.012143	-0.010992	-0.007558	-0.007592	0.015265	-0.013590
	0.018690					
z36	0.000584	0.007893	0.031911	-0.020445	0.008682	-0.010447
	-0.005547	0.007752	0.023595	0.002599	0.012579	-0.014588
	0.024605	0.039078	0.017765	0.000505	0.036670	-0.002348
	0.001407	-0.008432	-0.008950	0.011689	-0.006147	-0.001609
	-0.036987	-0.025437	0.002975	0.000808	-0.006838	-0.027221
	0.021399					

x37	-0.031789	0.003960	0.001274	0.012784	0.036631	0.009102
	0.011719	-0.008606	-0.022165	0.015839	0.003949	0.013509
	0.015908	-0.040365	0.003929	-0.020550	-0.013964	-0.016123
	0.034921	-0.008009	0.010214	-0.011973	0.018896	-0.000361
	0.002571	0.003149	0.021586	0.018579	-0.025238	-0.019974
	-0.024679					
y37	0.011957	0.007554	-0.000971	-0.010710	-0.018015	-0.003643
	0.007429	0.006159	0.010235	0.017123	-0.007941	-0.007058
	0.022282	0.015757	0.022396	-0.003444	0.029101	0.004399
	-0.009037	-0.014099	-0.010306	0.007121	-0.006045	-0.014707
	-0.019903	-0.008336	-0.016745	-0.002011	0.023255	-0.015629
	0.024404					
z37	-0.001704	0.000586	0.031929	-0.015864	0.014743	-0.020448
	-0.008380	-0.004661	0.009887	-0.005045	-0.004542	-0.011574
	0.015584	0.029462	0.007556	-0.011788	0.030152	-0.008553
	-0.010693	-0.000236	-0.008106	0.015602	-0.009429	0.007124
	-0.032165	-0.018178	0.003053	-0.004471	-0.016759	-0.022451
	0.008122					
x38	-0.030853	0.003316	-0.003917	0.012324	0.030947	0.007773
	0.003270	-0.001674	-0.022140	0.014425	0.006418	0.003538
	0.015416	-0.038866	-0.006777	-0.014449	-0.017380	-0.016080
	0.048765	-0.005020	0.007642	-0.012208	0.014617	0.028127
	0.009891	0.005712	0.019522	0.000361	-0.039366	-0.029793
	-0.042792					
y38	0.015476	0.006884	-0.009020	-0.009205	-0.022507	-0.002779
	-0.000724	0.012415	0.009462	0.018323	-0.014149	-0.011834
	0.014801	0.009773	0.016022	-0.009033	0.019105	0.008342
	-0.005322	-0.003639	0.007820	0.005445	-0.001094	-0.012064
	-0.016478	0.002146	-0.031367	0.006423	0.028176	-0.000614
	0.025665					
z38	-0.001902	-0.005996	0.025638	-0.010619	0.017547	-0.028255
	-0.012154	-0.016321	-0.001477	-0.009781	-0.018495	-0.014092
	0.002290	0.014776	0.006209	-0.020284	0.032847	-0.011078
	-0.022273	0.018506	0.000229	0.027320	-0.016193	0.018518
	-0.018569	-0.008168	0.004270	-0.001411	-0.012020	-0.021750
	0.003880					
x39	-0.032038	0.003346	-0.010731	0.010995	0.025133	0.005359
	-0.000340	0.006576	-0.026548	0.007531	0.005160	-0.003095
	0.017223	-0.035021	-0.012353	-0.014228	-0.026276	-0.016477
	0.050106	-0.005979	0.003532	-0.019431	0.014071	0.034713
	0.012632	-0.006467	0.013406	-0.004845	-0.041316	-0.024506
	-0.044038					

y39	0.016726	0.004033	-0.010803	-0.011768	-0.021620	0.006594
	-0.003801	0.014081	0.011866	0.005451	-0.008554	-0.003437
	0.010039	0.008698	0.016386	-0.004066	0.011920	0.023456
	0.009327	0.005981	0.000440	0.010452	0.004109	-0.019581
	-0.002496	0.015484	-0.034174	0.002236	0.031812	0.014757
	0.020545					
z39	-0.002570	-0.005212	0.022915	-0.011314	0.018972	-0.030824
	-0.015095	-0.017932	-0.005177	-0.002159	-0.023806	-0.015814
	-0.008234	0.003898	0.014884	-0.036547	0.031293	-0.004663
	-0.017256	0.024199	0.004207	0.030563	-0.010492	0.021591
	-0.008987	-0.000121	0.000119	-0.006778	-0.015090	-0.022265
	0.001049					
x40	-0.033967	0.004208	-0.012643	0.010708	0.020339	0.012439
	0.002738	0.014204	-0.030380	-0.003356	0.007951	-0.005401
	0.023573	-0.030297	-0.005847	-0.018166	-0.029235	-0.021298
	0.054031	0.005750	0.002374	-0.016889	0.008542	0.024843
	0.006518	-0.009615	0.014932	0.003055	-0.042937	-0.022178
	-0.042401					
y40	0.022751	0.002194	-0.009676	-0.012905	-0.022087	0.005339
	-0.009553	0.015064	0.021178	-0.008310	0.001290	0.004094
	0.007728	0.012994	0.014091	0.006781	-0.010795	0.025694
	0.007063	0.008009	0.002031	0.007809	0.010602	-0.022872
	-0.002115	0.021908	-0.021459	0.000031	0.032720	0.021125
	0.023082					
z40	-0.004732	-0.007027	0.021854	-0.007889	0.016699	-0.026787
	-0.011515	-0.023556	-0.009772	-0.001364	-0.027126	-0.007865
	-0.019165	-0.002440	0.012813	-0.033354	0.028949	-0.001590
	-0.027030	0.028251	-0.001343	0.033600	-0.005140	0.023703
	-0.005368	0.002095	0.003423	-0.016259	-0.023393	-0.020995
	-0.001910					
x41	-0.035124	0.005796	-0.015522	0.009986	0.020392	0.015176
	0.005431	0.017770	-0.033441	-0.006648	0.010240	-0.008977
	0.022138	-0.025952	-0.000600	-0.017995	-0.030337	-0.017511
	0.052422	0.010552	-0.000997	-0.009645	0.007206	0.025824
	0.004930	-0.009204	0.015415	0.002561	-0.040749	-0.022948
	-0.044380					
y41	0.026253	0.002903	-0.011523	-0.013383	-0.020295	0.001252
	-0.013595	0.019952	0.025530	-0.015343	0.005843	0.006336
	0.003557	0.015165	0.009108	0.011962	-0.029276	0.025507
	0.003057	0.011596	-0.001095	0.003451	0.017533	-0.014348
	-0.000806	0.024837	-0.012515	-0.008215	0.022828	0.020011
	0.015628					

z41	-0.003004	-0.005638	0.018655	-0.006101	0.016261	-0.023609
	-0.003932	-0.022414	-0.013036	0.007363	-0.027398	-0.009988
	-0.019847	-0.008989	0.011130	-0.025792	0.023927	0.004728
	-0.023154	0.011746	-0.014503	0.033811	0.004633	0.024985
	0.002648	0.007897	0.002127	-0.024365	-0.021183	-0.019836
	-0.008505					
x42	-0.035386	0.006817	-0.014864	0.005074	0.020288	0.019238
	0.007823	0.023735	-0.029167	-0.013193	0.011251	-0.007367
	0.009218	-0.021784	0.003788	-0.012957	-0.022426	-0.020564
	0.038606	0.024501	-0.009072	-0.010087	-0.004729	0.015265
	0.002782	-0.017058	0.013345	0.002312	-0.041065	-0.028578
	-0.047835					
y42	0.025967	0.003249	-0.008295	-0.011872	-0.018642	0.001136
	-0.016107	0.021983	0.031316	-0.023857	0.017505	0.007171
	-0.010390	0.020530	0.001397	0.017185	-0.030170	0.014291
	-0.010224	0.021180	0.006914	-0.005942	0.006400	-0.013935
	-0.001731	0.020353	-0.012005	-0.014666	0.013048	0.019009
	0.010159					
z42	-0.002861	-0.005911	0.025942	-0.010962	0.012075	-0.018207
	0.001170	-0.018117	-0.007403	0.005890	-0.023285	-0.008014
	-0.030951	-0.004876	0.008239	-0.011616	0.031454	-0.011628
	-0.044709	0.013381	-0.016738	0.014856	-0.008230	0.013604
	-0.002962	-0.013711	0.003637	-0.026440	-0.026020	-0.023777
	-0.006790					
x43	-0.035008	0.008214	-0.017217	-0.000786	0.020398	0.021317
	0.010561	0.030264	-0.024015	-0.016689	0.003988	-0.003784
	-0.001775	-0.025948	0.003662	-0.011168	-0.014484	-0.015592
	0.029670	0.032040	-0.031478	-0.008869	-0.013003	0.003619
	0.003339	-0.022556	0.015844	0.005375	-0.036808	-0.035978
	-0.051475					
y43	0.028132	0.006829	-0.010707	-0.013609	-0.015951	-0.002788
	-0.012865	0.026475	0.033125	-0.022556	0.005949	0.005805
	-0.022514	0.002978	-0.010229	0.016677	-0.025296	0.018646
	-0.009324	0.019473	-0.012062	-0.012424	0.001891	-0.010215
	0.006374	0.019592	-0.005316	-0.016122	0.016429	0.015384
	0.002849					
z43	-0.001520	-0.008881	0.030146	-0.007462	0.010185	-0.013690
	0.002269	-0.019011	-0.005317	0.009203	-0.016492	-0.012745
	-0.026865	0.006301	0.005580	-0.007910	0.035376	-0.012555
	-0.037879	-0.000594	-0.000633	0.012351	-0.006895	0.017030
	-0.010466	-0.019768	-0.000236	-0.022854	-0.025602	-0.013527
	-0.001071					

x44	-0.036486	0.006497	-0.021929	0.009488	0.021507	0.026383
	0.002483	0.019167	-0.019293	-0.011391	0.014201	0.011168
	0.003984	-0.003394	0.002798	-0.016813	-0.017900	-0.015226
	0.025150	0.020692	-0.024958	0.004590	-0.022186	0.006179
	-0.010741	-0.017963	0.005585	0.002186	-0.030034	-0.030642
	-0.035895					
y44	0.030081	0.010217	-0.007517	-0.013495	-0.017069	-0.007105
	-0.011291	0.023201	0.032075	-0.017528	-0.000315	0.007454
	-0.020086	-0.005335	-0.015560	0.012792	-0.027771	0.016156
	-0.015354	0.006154	-0.016803	-0.023524	0.002984	-0.000293
	0.004976	0.009623	-0.001585	-0.009389	0.011845	0.010736
	-0.000765					
z44	0.000638	-0.012530	0.030351	-0.013711	0.003574	-0.008376
	-0.000698	-0.020110	-0.000089	0.013177	-0.026977	-0.011071
	-0.029741	0.004176	0.005765	-0.001927	0.034471	-0.011336
	-0.041770	-0.006510	-0.003463	0.006575	0.000035	0.025082
	-0.011215	-0.026656	-0.001912	-0.010798	-0.024691	-0.009579
	-0.004285					
x45	-0.034091	0.004699	-0.018482	0.010954	0.018498	0.026006
	0.004853	0.016908	-0.023624	-0.015450	0.006997	0.017502
	0.010967	0.010903	-0.000877	-0.012834	-0.019776	-0.023367
	0.029772	0.018713	-0.025897	-0.002578	-0.009206	0.009876
	-0.001806	-0.022325	-0.001288	0.000885	-0.019446	-0.024838
	-0.020207					
y45	0.031778	0.014613	0.001631	-0.013619	-0.017972	-0.007943
	0.003015	0.025485	0.022487	-0.017719	-0.009086	-0.001587
	-0.005042	-0.014674	-0.020419	0.022781	-0.020025	0.013281
	-0.015159	-0.005945	-0.014563	-0.042238	0.021369	-0.007733
	0.015557	0.006489	0.001744	-0.007511	0.006304	0.011328
	0.001677					
z45	0.000595	-0.016844	0.026564	-0.012401	-0.003151	-0.005667
	-0.007540	-0.026100	-0.001522	0.009951	-0.031717	0.000160
	-0.026524	0.005093	0.004325	0.002081	0.020656	-0.013027
	-0.046236	0.006358	0.002523	0.007806	0.006599	0.038643
	0.001732	-0.036843	-0.012481	-0.002037	-0.031402	-0.001705
	-0.005079					
x46	-0.016994	0.004537	-0.002401	0.007394	0.014536	0.036424
	0.002271	0.039587	-0.025064	-0.005002	0.021496	-0.016207
	0.029571	0.023507	0.016290	-0.021540	-0.004178	-0.016748
	0.035997	-0.020766	-0.008220	-0.013815	0.020543	0.000120
	0.000925	-0.031938	-0.003637	0.004955	0.010014	-0.015067
	-0.035059					

y46	0.061563	0.017524	0.009454	-0.021334	-0.018975	0.004155
	-0.016071	0.041688	0.020895	0.010042	-0.005861	-0.025490
	0.013592	0.009020	0.028041	0.001905	-0.016036	0.011989
	-0.008469	-0.001133	0.007627	-0.019288	0.043724	-0.010800
	0.033071	0.018948	-0.005635	-0.006736	0.019330	0.010379
	-0.021969					
z46	0.010049	-0.018917	0.036669	-0.015269	0.002038	0.004933
	0.005348	-0.005740	-0.001516	0.015292	-0.019978	-0.023790
	-0.014185	0.005316	0.013889	0.006418	0.038103	-0.009320
	-0.034441	-0.013545	0.016833	0.003948	0.008307	0.002345
	-0.007880	-0.026725	-0.001809	-0.004684	-0.009833	0.004934
	0.002401					
x47	-0.022440	-0.002919	-0.013255	-0.002717	0.001918	0.045256
	0.001273	0.045960	-0.001525	-0.014917	0.024909	-0.001144
	0.046732	0.057330	0.029612	-0.020249	0.002700	-0.015188
	0.075517	-0.053957	-0.010599	-0.001006	0.007069	0.010765
	-0.001471	-0.012757	-0.027881	0.010323	-0.009324	-0.026562
	-0.034032					
y47	0.063896	0.025783	0.006630	-0.033558	-0.026094	0.007993
	-0.019598	0.046102	0.005585	-0.002937	0.000006	-0.039135
	0.015290	-0.009947	0.039293	0.026401	0.004879	0.002281
	0.011785	-0.002217	0.026546	-0.017253	0.000326	-0.014197
	0.010305	0.024729	-0.018516	-0.022574	-0.016791	-0.035658
	-0.033382					
z47	0.012690	-0.031414	0.039703	-0.018708	0.000841	0.024840
	0.015713	-0.009590	-0.014841	0.029583	-0.022773	-0.040269
	0.002236	0.010451	0.024424	0.039827	0.053490	0.039604
	-0.033915	-0.002371	0.030431	-0.021113	-0.018053	0.000589
	0.007389	-0.020313	-0.017215	0.049380	0.040757	-0.013629
	-0.025795					
x48	-0.007299	0.006040	-0.004281	-0.009183	-0.013384	0.016329
	-0.001447	0.030678	0.007480	-0.019750	0.023661	-0.008834
	0.014927	0.042387	0.013386	-0.005586	-0.024565	-0.016564
	0.031610	0.009694	-0.053153	-0.010838	-0.015925	-0.009726
	0.000462	-0.023047	-0.021790	-0.017579	-0.054250	-0.032853
	-0.018684					
y48	0.055099	0.010569	0.014265	-0.026744	-0.017358	0.006869
	-0.003726	0.040551	0.012014	0.023476	-0.011718	-0.041222
	0.009594	0.017254	0.037806	0.019853	0.036868	0.008137
	0.022105	0.012835	0.017762	-0.009754	-0.002237	-0.003511
	-0.014100	-0.017978	-0.041726	0.027781	0.055993	0.001331
	0.028019					

z48	0.031762	-0.004936	0.012474	-0.019163	-0.002134	-0.004291
	-0.006109	-0.005035	-0.004441	-0.004522	-0.014987	0.007676
	-0.013001	-0.032598	0.002754	0.020287	0.006805	0.022034
	-0.036146	0.018263	0.006007	-0.005593	0.001293	0.016116
	-0.008547	-0.003598	0.041871	0.001077	0.029047	0.020019
	0.008723					
x49	-0.002441	0.010429	0.001672	-0.016596	-0.005958	0.022082
	0.009457	0.017729	0.000176	-0.025020	0.026548	-0.009100
	0.000487	0.039218	0.015307	0.021139	-0.033544	0.004097
	0.011056	0.012373	-0.076535	-0.005849	-0.003791	-0.022457
	0.004110	-0.020869	-0.012308	-0.022267	-0.046916	-0.027042
	-0.009816					
y49	0.049124	0.009659	0.012442	-0.025941	-0.022680	0.007845
	-0.015177	0.059868	0.014022	0.019749	-0.012573	-0.031181
	0.011761	0.001002	0.040755	-0.009204	0.018922	0.002390
	0.011476	-0.007317	0.038009	-0.008946	-0.005931	-0.000403
	-0.017715	-0.029742	-0.009621	0.023901	0.023147	-0.007226
	0.000791					
z49	0.026138	-0.000698	0.008383	-0.016545	-0.006110	0.003559
	-0.000556	-0.002658	-0.007701	-0.004482	-0.027563	0.018541
	0.000257	-0.051958	-0.004546	0.018222	0.003946	0.011586
	-0.021911	-0.000135	0.002182	-0.017518	-0.001233	0.006338
	-0.028137	-0.019269	0.031837	0.028738	0.003160	0.027906
	0.002900					
x50	-0.005845	0.005049	0.002123	-0.007661	-0.002896	0.024587
	0.016279	0.018714	0.006618	-0.020464	0.028555	-0.003536
	0.015513	0.039888	0.019785	0.025580	-0.040453	-0.006289
	0.024225	0.001579	-0.066435	-0.017989	-0.011188	-0.015981
	0.000857	-0.020176	-0.015295	-0.015633	-0.035615	-0.026108
	-0.007248					
y50	0.044739	0.019024	0.015063	-0.024191	-0.022237	0.005525
	-0.016272	0.051815	0.006472	0.022708	-0.005486	-0.035281
	0.011105	0.003974	0.033884	-0.013994	0.023139	0.020975
	0.003485	0.007096	0.030301	0.004947	0.002915	-0.020704
	-0.042484	-0.041082	-0.014729	0.032227	0.003429	0.013920
	0.019640					
z50	0.027301	0.002827	0.007980	-0.020475	-0.013511	0.000280
	0.000329	0.008703	-0.012171	0.002570	-0.039850	0.024816
	0.009493	-0.035057	0.003744	0.040796	-0.015158	-0.012829
	-0.037540	0.023831	-0.016750	-0.011442	0.015959	-0.007502
	-0.005873	-0.024555	-0.009098	0.036086	0.042530	0.001267
	0.015345					

x51	-0.006944	0.005287	0.004057	0.001184	-0.004457	0.025030
	0.008393	0.016628	-0.002230	-0.019579	0.041126	-0.011219
	0.023723	0.052492	0.026527	0.019945	-0.044277	0.000008
	0.020659	-0.003728	-0.038981	-0.000966	-0.002554	-0.004939
	-0.005787	-0.000500	-0.014146	-0.024438	-0.041747	-0.021200
	-0.012277					
y51	0.043812	0.018308	0.016878	-0.028084	-0.022504	0.003601
	-0.013310	0.039017	0.001516	0.029787	-0.012976	-0.022871
	0.010195	-0.002555	0.036315	-0.012897	0.018276	0.012639
	0.004536	0.011331	0.013644	-0.008656	0.000798	-0.020593
	-0.033904	-0.043206	-0.027252	0.056263	0.038276	0.004332
	0.024348					
z51	0.025304	0.000592	0.004732	-0.018548	-0.024604	0.001376
	-0.005962	0.029668	-0.010593	0.012551	-0.045889	0.009960
	0.013468	-0.027298	0.017436	0.024146	-0.000588	-0.017239
	-0.036668	0.027527	-0.002371	-0.004447	0.022593	0.004171
	-0.011963	-0.001055	-0.014077	0.014627	0.014308	0.001598
	-0.012383					
x52	-0.015239	0.005330	0.000919	0.010095	-0.002310	0.020669
	-0.000292	0.037271	-0.003416	-0.011400	0.026754	-0.002096
	0.039529	0.058344	0.017990	-0.005879	-0.024929	-0.022347
	0.049305	-0.009877	-0.010863	-0.009174	-0.015091	0.002402
	-0.018887	-0.005378	-0.033129	-0.006465	-0.029089	-0.016930
	0.003160					
y52	0.051842	0.018049	0.021533	-0.028500	-0.024336	0.000909
	-0.013554	0.025322	0.002657	0.029774	-0.011192	-0.028495
	-0.003690	-0.014436	0.041056	-0.004291	-0.004600	0.024377
	-0.013413	0.006064	0.008753	-0.017780	-0.006771	-0.011237
	-0.017671	-0.008585	0.008822	0.023553	0.006615	-0.009742
	0.000637					
z52	0.033591	-0.000263	0.009248	-0.009982	-0.009613	0.007854
	0.006857	0.010694	-0.007032	-0.003845	-0.027708	0.019858
	0.006812	-0.027654	0.014563	0.045419	-0.012792	-0.010120
	-0.032417	0.001574	0.015842	-0.009684	0.022653	-0.011249
	0.001708	0.015378	0.009366	-0.018207	0.002151	0.020949
	-0.002461					
x53	-0.015704	0.010696	0.004223	0.010258	0.003795	0.021802
	-0.003623	0.034052	-0.014877	-0.016073	0.026342	0.009150
	0.038678	0.061628	0.019866	-0.008301	-0.025331	-0.017907
	0.042004	-0.021715	-0.001957	-0.007598	-0.007902	0.003293
	-0.020830	-0.003304	-0.026092	-0.005814	-0.020460	-0.017231
	0.005222					

y53	0.050933	0.020862	0.023231	-0.024253	-0.017704	-0.000892
	-0.005957	0.023085	-0.006900	0.034714	-0.028904	-0.019725
	-0.004776	0.005609	0.049198	0.003697	0.007006	0.002100
	-0.011541	0.013216	0.009687	-0.012326	0.012303	-0.020966
	-0.000474	0.019546	-0.007394	-0.010377	-0.001723	-0.001121
	0.002102					
z53	0.034258	-0.003345	0.016087	-0.007106	-0.007800	0.001780
	0.006179	-0.011920	-0.015009	0.018866	-0.026430	0.003949
	0.011132	-0.023975	0.018331	0.039394	-0.007116	-0.006927
	-0.033579	0.014554	0.006843	0.004714	0.005036	-0.014791
	-0.004554	0.025558	-0.002160	-0.030376	-0.008249	0.016051
	0.007814					
x54	-0.014886	0.012162	0.006990	0.010291	0.004340	0.018126
	-0.006504	0.037723	-0.018982	-0.012247	0.026098	0.007754
	0.042018	0.058668	0.017155	0.002618	-0.027726	-0.014385
	0.030307	-0.014135	-0.000206	-0.004791	-0.007045	-0.002483
	-0.022460	-0.000289	-0.027263	-0.005508	-0.021852	-0.017351
	0.011054					
y54	0.049245	0.024365	0.021212	-0.013625	-0.026501	-0.000595
	0.002436	0.025676	0.000282	0.026394	-0.030047	-0.012188
	-0.001225	0.011000	0.046296	0.006561	-0.010085	-0.022129
	-0.014003	0.010091	-0.011036	-0.016058	0.032713	-0.038769
	0.006288	0.030660	-0.011952	-0.006382	-0.009336	0.010147
	-0.009076					
z54	0.036088	-0.001477	0.016031	-0.008972	-0.007103	-0.002396
	-0.000875	-0.005585	-0.014591	0.024446	-0.019295	-0.004213
	0.012312	-0.029989	0.010772	0.039145	-0.005085	-0.001768
	-0.037565	0.018988	0.016894	0.016315	0.006287	-0.021182
	0.000493	0.028047	-0.003370	-0.030395	-0.013509	0.010037
	0.010622					
x55	-0.011866	0.013330	0.009539	0.007847	0.009188	0.013266
	-0.011307	0.042819	-0.010813	-0.010028	0.027155	-0.006886
	0.028127	0.056114	0.013492	-0.000169	-0.016210	-0.002335
	0.036867	-0.008776	0.013718	-0.002779	-0.010983	-0.000729
	-0.019785	0.001373	-0.023265	0.003302	-0.005981	-0.013284
	0.016133					
y55	0.054627	0.025208	0.020520	-0.017041	-0.015817	-0.008331
	-0.002910	0.036303	0.019145	0.018680	-0.020470	-0.030710
	-0.020840	0.006309	0.033446	-0.007555	0.004383	-0.013537
	-0.002767	0.007310	0.006277	-0.001529	0.021426	-0.043413
	0.007878	0.027329	0.002597	-0.001499	0.000309	0.003320
	-0.008641					

z55	0.037603	0.004803	0.014044	-0.005212	-0.010027	-0.003575
	-0.000831	-0.001817	0.011065	0.016370	-0.009970	-0.025337
	-0.016158	-0.012322	0.005345	0.013769	-0.000628	0.000791
	-0.012781	0.015635	0.026197	0.018126	0.025015	-0.015514
	0.015884	0.030621	0.004288	-0.018217	0.006821	0.023354
	0.005202					
x56	-0.011177	0.016208	0.014415	0.006731	0.010095	0.013313
	-0.010951	0.034705	-0.010226	-0.009332	0.024770	-0.010084
	0.018786	0.058779	0.022032	-0.001987	-0.015641	0.005244
	0.034895	-0.009455	0.007337	0.000188	-0.008035	0.002444
	-0.016074	0.005385	-0.023414	0.004289	0.001931	-0.014683
	0.013865					
y56	0.054256	0.019516	0.019408	-0.018398	-0.010185	-0.010075
	-0.004533	0.042087	0.008257	0.026007	-0.032074	-0.022614
	-0.015829	0.003839	0.029104	0.002149	0.019440	-0.024460
	-0.001847	0.016317	0.014789	-0.006653	0.007594	-0.028446
	0.004718	0.029072	-0.000283	-0.007679	0.004357	0.007600
	0.005144					
z56	0.039338	0.008372	0.013183	-0.003069	-0.010343	-0.001175
	-0.000874	0.000184	0.015804	0.010151	0.006819	-0.032716
	-0.018586	0.000595	0.011118	0.002776	-0.012328	0.005631
	-0.014815	0.004237	0.026715	0.016912	0.032884	0.000133
	0.004496	0.021659	0.018395	-0.011614	0.005558	0.023358
	-0.004383					
x57	-0.010838	0.018590	0.017872	0.006556	0.011117	0.011450
	-0.010783	0.030682	-0.011015	-0.007904	0.021918	-0.010588
	0.016636	0.057525	0.027087	-0.001447	-0.008468	-0.000706
	0.030864	-0.006365	0.004478	0.002203	-0.008773	0.004436
	-0.010623	0.007011	-0.027288	0.002507	0.008234	-0.018498
	0.016716					
y57	0.050686	0.015886	0.018797	-0.018376	-0.010424	-0.013362
	-0.012046	0.049140	0.005688	0.036198	-0.033254	-0.015029
	-0.014089	-0.001875	0.021631	0.001119	0.022528	-0.021316
	0.011760	0.025256	0.024659	-0.013508	-0.013275	-0.015345
	0.003333	0.032686	0.000306	-0.001761	0.003113	0.001702
	0.004593					
z57	0.039844	0.008548	0.014421	-0.003959	-0.010440	-0.001000
	-0.005241	0.004656	0.011489	0.015998	0.012049	-0.020342
	-0.004427	-0.010860	0.011021	0.002187	-0.014497	0.008673
	-0.017807	-0.001764	0.026162	0.014451	0.024668	0.002556
	-0.013850	0.013946	0.016100	0.004365	-0.000101	0.017302
	-0.007940					

x58	-0.014401	0.018230	0.015788	0.009398	0.010087	0.007126
	-0.014994	0.042154	-0.013533	-0.000060	0.013394	-0.006884
	0.025894	0.059737	0.023078	-0.007548	0.002768	-0.015745
	0.041328	-0.000656	0.012853	-0.002451	-0.016916	0.005813
	-0.017001	0.004973	-0.039812	0.009764	0.007487	-0.013322
	0.023916					
y58	0.047771	0.018541	0.018313	-0.018921	-0.019498	-0.010639
	-0.015036	0.042335	0.012494	0.032294	-0.024498	-0.014881
	-0.018199	-0.007129	0.019593	-0.013887	0.005925	-0.008384
	0.004484	0.015639	0.013077	-0.018035	-0.006540	-0.005045
	-0.006885	0.017812	0.013949	0.023724	0.008416	0.002984
	-0.003545					
z58	0.037664	0.005210	0.011897	0.000573	-0.003414	-0.007242
	-0.007082	0.022120	0.002756	0.029671	-0.001670	-0.014277
	0.010727	-0.002425	0.006857	0.005517	0.010640	-0.014075
	0.005698	0.009343	0.044282	0.017481	0.012014	-0.009452
	-0.015480	0.026188	-0.013871	-0.003801	-0.004627	0.024279
	0.007069					
x59	-0.012141	0.022683	0.021073	0.011012	0.010368	0.008528
	-0.011942	0.023106	-0.022425	-0.003136	0.021131	0.001766
	0.031065	0.052805	0.031360	0.008600	-0.017357	-0.010838
	0.020131	-0.000580	0.000820	0.003242	-0.001253	-0.001433
	-0.009211	0.010051	-0.029041	-0.001473	-0.011097	-0.010208
	0.020403					
y59	0.042288	0.019891	0.020218	-0.008717	-0.020748	-0.005284
	-0.008562	0.023549	-0.002433	0.027115	-0.013653	0.007206
	0.005244	-0.009993	0.018709	0.004804	-0.022784	-0.021036
	-0.016688	0.011617	-0.004517	-0.008578	0.005786	-0.022867
	-0.013815	0.013620	0.004489	0.017289	-0.007771	0.004654
	0.002389					
z59	0.040018	0.010099	0.016488	0.000219	-0.013521	-0.004055
	-0.016919	0.007935	0.006332	0.023691	0.024126	-0.008853
	0.010892	-0.023185	0.008762	-0.004360	-0.023025	0.016937
	-0.010530	-0.009285	0.042143	0.015109	0.016774	0.003212
	-0.027727	0.010499	0.025487	0.025024	-0.032160	0.026349
	-0.012208					
x60	-0.011453	0.024796	0.024906	0.010266	0.011081	0.007071
	-0.010169	0.017826	-0.027848	-0.000003	0.016366	0.010247
	0.030753	0.050084	0.034362	0.017549	-0.018242	-0.015054
	0.013951	0.003980	-0.006958	0.001184	0.005841	-0.002777
	-0.006995	0.009787	-0.028011	-0.008580	-0.018377	-0.006978
	0.019560					

y60	0.035642	0.020231	0.017220	-0.005176	-0.027188	-0.004603
	-0.010466	0.017869	-0.008885	0.021981	-0.023470	0.013345
	0.008315	-0.025782	0.009723	-0.003981	-0.034154	-0.026533
	-0.018475	0.015974	-0.018064	-0.010000	0.002970	-0.023093
	-0.016573	0.010252	0.009779	0.020738	-0.019650	-0.002765
	-0.000162					
z60	0.046895	0.010747	0.020029	-0.017388	-0.009324	-0.010149
	0.001297	0.019241	0.008426	0.026962	-0.014812	0.004319
	-0.009259	-0.008481	0.026085	0.023787	-0.001997	-0.005047
	-0.007576	0.010408	0.009048	-0.008034	0.035102	0.000032
	-0.007277	0.006125	0.009586	-0.004093	-0.038056	0.027788
	-0.016506					
x61	-0.008272	0.024764	0.025568	0.007169	0.018219	0.003947
	-0.016698	0.020060	-0.020775	-0.002118	0.020407	-0.002804
	0.014692	0.046362	0.024338	0.016085	-0.002916	-0.003404
	0.018816	0.009722	0.007305	0.005701	-0.004844	-0.002717
	-0.004472	0.009089	-0.022292	-0.002772	-0.001928	-0.006617
	0.019445					
y61	0.027388	0.009103	0.004858	-0.001110	-0.023532	-0.002175
	-0.018013	0.006703	-0.017658	-0.011181	-0.026040	0.012623
	-0.038925	-0.041910	-0.040097	0.026353	-0.000834	-0.007871
	-0.012042	0.057035	-0.005328	-0.009732	-0.007379	-0.022485
	0.014050	0.041924	0.011381	0.028224	-0.011580	0.038356
	-0.003506					
z61	0.042929	0.007350	0.013127	-0.020294	-0.000477	-0.013234
	-0.006001	0.011319	0.018480	0.007111	-0.010256	-0.005064
	-0.036367	-0.019776	-0.006694	0.029185	0.038141	0.013469
	0.011118	0.040711	0.033062	0.002784	0.022480	-0.004487
	0.025359	0.002374	-0.001394	-0.007170	-0.040837	0.040623
	-0.017222					
x62	-0.009166	0.025208	0.025472	0.004994	0.018958	0.002518
	-0.020275	0.019145	-0.019013	-0.003694	0.020234	-0.007358
	0.012465	0.043287	0.016342	0.015751	0.003911	-0.000292
	0.016866	0.018793	0.015353	0.011783	-0.014610	-0.004755
	0.009394	0.011286	-0.010593	-0.008121	0.011680	-0.015115
	0.028665					
y62	0.043579	0.018808	0.016584	-0.018525	-0.010076	-0.014221
	-0.009415	0.031421	0.016700	0.021978	-0.010359	-0.009401
	-0.014687	0.000158	0.008668	-0.010278	0.005534	-0.002933
	0.027325	0.014736	0.008839	-0.012003	0.007701	-0.010969
	0.013402	0.003506	0.022146	-0.004765	-0.028513	0.008896
	-0.012073					

z62	0.031815	0.005533	0.009488	-0.012560	-0.017020	-0.007118
	0.000140	0.000517	-0.004741	0.003255	-0.023373	0.027770
	-0.008933	-0.019703	-0.018692	0.055713	0.015361	-0.012566
	-0.013462	0.058289	0.007397	0.010574	0.027937	-0.018635
	0.060325	0.024680	0.019255	-0.031750	-0.035678	0.025948
	0.005904					
x63	-0.007350	0.028825	0.030471	0.004452	0.019306	0.000891
	-0.020299	0.017264	-0.021341	0.006261	0.015956	-0.002772
	0.019086	0.046160	0.025427	0.014490	-0.004056	-0.004532
	0.012541	0.016560	0.011052	0.012325	-0.012512	-0.006043
	0.004514	0.010953	-0.007499	-0.012862	0.008308	-0.018488
	0.030697					
y63	0.036412	0.019800	0.015752	-0.016717	-0.014001	-0.011461
	0.003447	0.016113	0.018949	0.015298	-0.015873	-0.000375
	-0.003274	0.006745	0.002073	-0.007014	0.008242	-0.014626
	0.029342	0.022587	-0.007501	-0.015389	0.018742	-0.012890
	0.044452	-0.001982	0.024349	-0.045613	-0.046623	0.010758
	-0.003876					
z63	0.044743	0.010601	0.019423	-0.013250	-0.014893	-0.013196
	0.002758	0.019051	0.003579	0.031988	-0.024367	0.017230
	0.006639	-0.004258	0.021955	0.020157	-0.006846	-0.024835
	-0.001417	0.023679	-0.003457	0.009043	0.030140	-0.011256
	0.013770	0.018280	0.020252	-0.011163	-0.012561	0.009920
	0.011724					
x64	-0.004386	0.030745	0.031444	0.001413	0.026985	-0.000915
	-0.024955	0.017009	-0.010943	0.004582	0.017270	-0.015772
	-0.002668	0.044447	0.020873	0.009110	0.014510	0.012397
	0.023107	0.020455	0.024295	0.008493	-0.011694	0.000915
	0.000562	0.008225	-0.016543	-0.003770	-0.004184	-0.005007
	0.010661					
y64	0.040504	0.014177	0.014808	-0.011451	-0.007217	-0.012551
	-0.000771	0.021528	0.018444	0.008172	-0.013150	-0.015233
	-0.024313	-0.009753	-0.015065	-0.003814	0.005738	-0.010928
	0.018927	0.022414	-0.004741	0.001096	-0.010209	-0.017691
	0.029292	0.023280	0.024665	-0.020988	0.025948	0.001231
	0.017575					
z64	0.048544	0.012700	0.023349	-0.008418	-0.011267	-0.015216
	0.001990	0.015891	0.016381	0.031985	-0.026277	0.000184
	-0.009516	-0.006792	0.032570	-0.006752	-0.003252	-0.026879
	0.011826	0.017476	-0.014890	0.011266	0.037717	-0.009889
	-0.014326	0.016642	-0.005068	0.016021	0.000977	0.022753
	0.000256					

x65	-0.005267	0.032057	0.032166	-0.001049	0.029697	0.001484
	-0.023613	0.011353	-0.010631	0.002426	0.015798	-0.012207
	-0.008413	0.046444	0.017373	0.018328	0.023144	0.019225
	0.024486	0.024431	0.023293	0.001711	0.003530	0.001930
	-0.000141	0.000425	-0.038094	0.010648	-0.031821	0.013225
	-0.008755					
y65	0.036676	0.008906	0.007659	-0.007997	-0.010828	-0.009634
	0.001644	0.010635	-0.003737	-0.000743	-0.021928	0.024043
	-0.015454	-0.006142	-0.007306	0.028177	-0.015867	-0.031657
	0.007455	0.032844	-0.028725	-0.006697	0.022223	-0.004924
	0.006698	0.022818	-0.028429	0.014206	0.011201	0.032215
	0.009687					
z65	0.038728	0.017776	0.025491	-0.006592	-0.016231	-0.009268
	0.016540	0.006117	-0.001547	0.036067	-0.030983	0.029115
	0.028200	-0.002611	0.039950	0.011479	-0.009412	-0.047856
	0.001340	0.018564	-0.045857	0.006417	0.056419	-0.026399
	-0.005252	-0.003231	-0.018292	0.008993	-0.020752	0.018371
	0.005386					
x66	-0.004699	0.033648	0.036880	0.001351	0.027528	0.002072
	-0.021531	0.002023	-0.019468	0.006122	0.010723	-0.005895
	-0.000487	0.037794	0.018775	0.022207	0.008663	0.009251
	0.010841	0.020114	0.014498	0.002316	0.002201	-0.008289
	0.003011	0.006050	-0.033787	0.011249	-0.031873	0.006263
	-0.000761					
y66	0.036933	0.010554	0.008392	-0.010695	-0.009349	-0.012138
	0.004265	0.010777	0.000679	0.005488	-0.022545	0.025829
	0.000343	0.000447	0.013276	0.023342	-0.021446	-0.034293
	0.010055	0.023538	-0.034453	-0.011410	0.036772	-0.002216
	-0.003858	0.004223	-0.043481	0.009351	-0.034056	0.023107
	-0.015042					
z66	0.040480	0.019253	0.025943	-0.005930	-0.009857	-0.007044
	0.017421	0.015910	0.007220	0.041453	-0.023903	0.012013
	0.012193	-0.018398	0.012735	0.007639	0.014608	-0.020432
	0.004629	0.011582	-0.026081	0.008596	-0.003647	-0.041312
	0.010852	0.014266	0.043257	-0.015015	0.016012	-0.008851
	0.029430					
x67	-0.003371	0.034528	0.041734	-0.000660	0.027386	0.001638
	-0.020130	-0.003250	-0.024075	0.010677	0.010082	-0.004698
	0.001574	0.032996	0.013575	0.028905	0.006271	0.012560
	0.001577	0.019121	0.012746	0.007092	-0.010633	-0.013195
	0.013298	0.008954	-0.013867	-0.002519	-0.013385	-0.001635
	0.013396					

y67	0.030368	0.010398	0.006323	-0.010281	-0.011515	-0.008632
	0.009494	0.015083	0.000370	0.007655	-0.021999	0.016226
	0.005950	0.000474	-0.001328	0.026113	-0.011280	-0.028049
	-0.002932	0.015621	-0.033068	-0.001533	-0.000857	-0.024955
	0.007609	0.008249	0.000853	-0.012278	0.010870	-0.012006
	0.014442					
z67	0.040492	0.017832	0.027826	-0.006150	-0.016199	-0.006158
	0.021923	0.011038	0.000357	0.049575	-0.029010	0.020979
	0.020703	-0.012976	0.020952	0.007229	0.003400	-0.027812
	0.008821	0.008509	-0.034651	-0.000465	-0.007375	-0.030436
	0.011498	0.013377	0.052374	-0.023191	0.011010	-0.013049
	0.027478					
x68	-0.002589	0.035076	0.044543	0.000398	0.029573	0.002776
	-0.017319	-0.004404	-0.028038	0.014644	0.008255	-0.005514
	-0.000206	0.027657	0.009304	0.032524	0.009719	0.015472
	-0.010162	0.014370	0.005102	0.007606	-0.020013	-0.020971
	0.008289	0.014950	-0.006262	-0.007378	-0.001807	-0.003738
	0.023103					
y68	0.030469	0.007534	0.003295	-0.011777	-0.006959	-0.010325
	0.005196	0.023146	0.007145	0.001206	-0.023510	-0.001454
	-0.015093	0.003226	-0.016727	0.021645	0.008105	-0.012812
	0.011062	0.004369	-0.009336	-0.005140	-0.030302	-0.022307
	0.005046	0.017326	0.022037	-0.013828	0.045274	-0.024322
	0.028427					
z68	0.038119	0.020445	0.027262	-0.009366	-0.015760	-0.003294
	0.021412	0.009589	0.001005	0.050008	-0.024470	0.028337
	0.024788	-0.020978	0.018741	0.000651	0.002637	-0.008410
	0.011377	0.007046	-0.039740	-0.011534	-0.004653	-0.026024
	-0.001840	-0.013141	0.045340	-0.005636	-0.021320	-0.007737
	0.015746					
x69	-0.001967	0.034930	0.045856	0.000826	0.028746	0.001217
	-0.018268	-0.006257	-0.031397	0.015697	0.006582	-0.002162
	0.003113	0.023098	0.008761	0.034108	0.004266	0.011993
	-0.017388	0.014105	-0.000290	0.010178	-0.023023	-0.023462
	0.011583	0.016494	-0.007066	-0.007578	0.000556	-0.006395
	0.025836					
y69	0.025309	0.004686	-0.000216	-0.004698	-0.011728	-0.010334
	0.003634	0.022390	0.003526	-0.000250	-0.028500	0.013355
	-0.009901	-0.010747	-0.010782	0.014643	0.001287	-0.026706
	0.001171	0.006462	-0.023135	-0.018669	-0.007968	-0.020382
	0.006907	0.017151	0.000441	-0.005393	0.007889	-0.015456
	-0.002101					

z69	0.039708	0.020820	0.026183	-0.015695	-0.013309	-0.005975
	0.017288	0.006412	0.003909	0.047015	-0.016856	0.027610
	0.024413	-0.014827	0.016773	0.002859	0.010295	-0.002124
	0.027309	0.013782	-0.026447	-0.007330	-0.002465	-0.014146
	0.004841	-0.028352	0.024201	0.007086	-0.025282	0.000769
	0.011164					
x70	-0.001247	0.034228	0.045819	-0.003559	0.031134	-0.002566
	-0.022565	-0.005713	-0.025327	0.017257	0.010852	-0.010580
	-0.001559	0.023738	0.002677	0.027354	0.017259	0.024064
	-0.006835	0.015526	0.013882	0.011678	-0.033466	-0.016969
	0.017034	0.004949	-0.002799	-0.005697	0.009372	-0.004401
	0.026295					
y70	0.013637	0.006767	-0.005193	-0.009949	-0.012860	-0.005425
	0.007856	0.022947	0.018036	0.001477	-0.014577	0.013813
	-0.003315	-0.009060	-0.023630	-0.002473	0.024785	-0.003823
	0.008014	0.001233	-0.023108	-0.020162	-0.019061	-0.018888
	0.015629	-0.015659	0.029333	0.001655	0.032405	-0.016487
	0.013640					
z70	0.051047	0.015668	0.026017	-0.022620	-0.009875	-0.016629
	-0.003410	0.016202	0.019854	0.044621	-0.013131	-0.000982
	-0.011544	-0.026090	0.007393	-0.023691	0.018435	0.013970
	0.049990	0.014807	0.008201	-0.002253	-0.024530	0.019831
	-0.007189	-0.020386	0.042566	0.032223	-0.007376	0.002875
	-0.009557					
x71	-0.000841	0.032520	0.044630	-0.001936	0.032842	-0.006652
	-0.027727	-0.005697	-0.029306	0.016801	0.001668	-0.009394
	-0.003262	0.020201	0.003862	0.024141	0.015445	0.018770
	0.000627	0.012994	0.017088	0.007146	-0.031456	-0.008493
	0.003997	0.004308	-0.027157	0.006837	-0.008079	0.013250
	0.014146					
y71	0.011115	-0.000283	-0.012105	-0.008064	-0.008986	-0.007971
	0.003716	0.021294	0.018408	-0.005409	-0.022246	0.012963
	-0.008516	-0.006891	-0.022483	-0.003170	0.024234	-0.014828
	0.036172	-0.000454	-0.012307	-0.026066	0.000579	0.005988
	0.008251	-0.010900	-0.010041	-0.002806	-0.014026	0.015698
	-0.014845					
z71	0.055703	0.012290	0.028098	-0.014006	0.000576	-0.023270
	-0.001578	0.022911	0.011008	0.040492	-0.029766	0.002367
	-0.015195	-0.011429	0.007365	-0.022431	0.020537	-0.020703
	0.058227	0.018482	0.012574	0.002933	-0.014001	0.013267
	-0.014469	0.005956	-0.001190	0.022173	-0.009771	0.023774
	-0.004701					

x72	0.000303	0.027280	0.045890	-0.002878	0.039313	-0.005682
	-0.022007	-0.013695	-0.020785	0.008507	0.005961	0.000264
	-0.002248	0.010478	0.010159	0.031229	0.005147	0.018505
	0.003496	0.003588	0.021116	0.002801	-0.032785	-0.007091
	0.004006	-0.009030	-0.014855	0.008187	-0.004927	0.017678
	0.014019					
y72	0.017125	-0.006495	-0.008753	-0.005649	0.001144	-0.003304
	0.007925	0.006138	0.019141	-0.025156	-0.004381	0.008722
	-0.023925	-0.019469	-0.011602	0.019177	-0.016281	-0.008743
	0.014430	-0.009989	-0.007904	-0.006492	0.004782	0.002203
	0.004560	0.001329	0.003741	0.011859	0.027122	0.005961
	-0.003062					
z72	0.053874	0.013446	0.026656	-0.013338	-0.003598	-0.025064
	0.000033	0.023297	0.010880	0.044811	-0.026578	0.004257
	-0.002290	-0.011074	-0.004251	-0.030238	0.029263	-0.023297
	0.057645	0.016591	0.006176	0.006595	-0.018962	0.016349
	0.008178	0.005674	0.017283	0.012399	0.009452	-0.003044
	0.005901					
x73	-0.001187	0.021028	0.045299	-0.000540	0.044536	-0.002433
	-0.014584	-0.014316	-0.012267	0.003326	0.003837	0.011240
	0.009396	-0.002238	0.017578	0.030999	-0.003535	0.012222
	0.004034	-0.008652	0.017244	0.004420	-0.046939	-0.006490
	0.006134	-0.015241	0.003112	0.019640	0.018646	0.018285
	0.028146					
y73	0.010989	-0.004437	-0.011207	-0.010245	-0.003837	-0.009172
	-0.005300	0.014146	0.019959	-0.027682	-0.001411	-0.000641
	-0.028605	-0.007200	-0.023043	0.007226	-0.003173	0.000010
	0.009480	0.010575	0.005784	-0.006745	-0.019087	0.005951
	-0.002493	-0.020932	-0.009038	0.026860	0.020468	-0.001341
	0.008760					
z73	0.049802	0.015252	0.028612	-0.014442	-0.007787	-0.024325
	0.011047	0.008663	0.004238	0.038824	-0.023130	0.019813
	0.001883	-0.000958	-0.003017	-0.013664	0.029598	-0.017564
	0.048250	0.016565	-0.006992	-0.005832	-0.004075	0.015377
	0.018668	0.001815	0.019083	-0.014630	-0.038370	0.015993
	0.008206					
x74	-0.002742	0.021171	0.043274	-0.002731	0.044968	-0.001728
	-0.015197	-0.010575	-0.012163	0.005643	0.002348	0.007834
	0.007488	0.003354	0.014449	0.031147	0.010030	0.025225
	0.003940	-0.004484	0.016305	0.007722	-0.048490	-0.007046
	0.012899	-0.010300	0.009851	0.006885	0.022217	0.017533
	0.027460					

y74	0.005134	-0.004089	-0.016809	-0.013399	-0.012680	-0.010213
	-0.015118	0.013458	0.025369	-0.021316	-0.001850	-0.002849
	-0.028391	0.009700	-0.035050	0.011653	0.009719	0.005386
	0.008301	0.026833	0.003720	-0.004108	-0.020988	0.000980
	0.026557	-0.021306	-0.012355	-0.004072	0.009165	-0.025195
	-0.000300					
z74	0.045917	0.018943	0.028815	-0.012845	-0.007994	-0.021932
	0.014390	0.011014	0.002777	0.038849	-0.025351	0.020513
	0.003527	0.004043	-0.011739	-0.012973	0.036706	-0.015908
	0.043996	0.012672	-0.009508	-0.011750	-0.023556	0.002348
	0.009043	-0.001832	0.018098	-0.022153	-0.032876	0.004330
	0.015085					
x75	-0.001821	0.026666	0.043272	-0.003456	0.040209	-0.010076
	-0.029890	-0.009466	-0.034319	0.008692	0.005743	-0.017617
	-0.015196	0.017267	0.008140	0.025750	0.026525	0.037915
	-0.016197	0.012676	0.015390	0.020627	-0.029652	0.000975
	0.004941	0.008398	-0.015816	-0.002079	0.016769	0.023638
	0.016308					
y75	-0.001971	-0.006288	-0.015751	-0.006714	-0.007098	0.003704
	-0.003623	0.016437	0.024827	-0.023949	0.006031	-0.007170
	-0.044657	0.007661	-0.035358	0.023156	0.013743	0.004461
	-0.010147	0.013488	0.003253	-0.005932	-0.005145	-0.016911
	0.014593	-0.002916	-0.007773	-0.007203	0.016134	-0.011187
	-0.010690					
z75	0.046235	0.013779	0.028984	-0.004230	-0.010162	-0.022760
	0.008200	0.002644	-0.015021	0.026425	-0.032956	0.041988
	0.012350	-0.007511	-0.008146	-0.010017	0.000746	-0.051261
	0.032038	0.000629	-0.015515	-0.016940	-0.007299	0.011074
	-0.014842	0.002976	-0.011929	0.009742	-0.035700	0.018914
	-0.007289					
x76	-0.001286	0.024243	0.037239	-0.001197	0.041639	-0.013647
	-0.027505	-0.019385	-0.035271	0.005334	0.005862	-0.024608
	-0.014279	0.002533	0.007672	0.027524	0.019039	0.050201
	-0.007719	0.009051	0.004281	0.027915	-0.013042	0.009842
	0.018515	0.013609	-0.016124	-0.005971	0.015513	0.033262
	0.009663					
y76	-0.000201	-0.010294	-0.016169	-0.002290	-0.007216	0.012880
	0.005094	-0.000483	0.010456	-0.041055	0.011778	0.007596
	-0.040419	-0.002489	-0.016489	0.041164	-0.024395	0.002379
	-0.029431	0.003609	-0.008899	0.007789	0.028570	-0.014990
	0.021166	0.011178	0.011193	-0.012607	0.024718	-0.005500
	-0.008071					

z76	0.041686	0.010096	0.028417	-0.005765	-0.012510	-0.025287
	0.006629	0.000034	-0.008960	0.021765	-0.026082	0.045942
	0.009769	-0.007162	-0.012745	-0.005520	0.011986	-0.051488
	0.024194	0.011548	-0.005985	-0.021553	-0.008834	0.018644
	-0.007726	-0.012632	-0.017275	0.011306	-0.071972	0.020400
	-0.022848					
x77	-0.004243	0.023309	0.034551	-0.000087	0.039296	-0.014674
	-0.028069	-0.022177	-0.036052	0.006333	0.002195	-0.019437
	-0.005702	-0.001954	0.006017	0.026658	0.017344	0.041995
	-0.009090	0.012292	-0.002496	0.022374	-0.012612	0.011448
	0.018573	0.007521	-0.017023	-0.009900	0.012446	0.029107
	0.009102					
y77	-0.007975	-0.011436	-0.021373	-0.002120	-0.017437	0.012608
	0.007037	-0.003690	0.005613	-0.036073	0.002284	0.027756
	-0.014625	-0.002144	-0.015968	0.039798	-0.026352	-0.008927
	-0.020298	0.008833	-0.025433	-0.022009	0.033977	-0.004695
	0.018380	-0.004243	0.002868	-0.016152	-0.009530	0.000639
	-0.012549					
z77	0.044588	0.008399	0.029456	-0.008838	-0.006932	-0.023145
	0.011446	-0.011878	-0.010720	0.014652	-0.011559	0.041371
	-0.002649	-0.005981	-0.014994	0.010424	0.011446	-0.029882
	0.017465	0.002416	-0.007564	-0.017937	-0.000795	0.019261
	-0.005430	-0.001888	-0.004087	0.005914	-0.058490	0.018183
	-0.005961					
x78	-0.004412	0.024413	0.034149	-0.002017	0.035753	-0.018853
	-0.029034	-0.016336	-0.030045	0.019939	-0.008371	-0.018722
	0.013017	0.005265	0.025079	0.007073	0.007063	0.023294
	0.000432	0.002871	-0.006271	0.020208	0.004707	0.021489
	0.011016	-0.007382	-0.027862	-0.010470	-0.008783	0.020220
	-0.008655					
y78	-0.005343	-0.010023	-0.025921	-0.004601	-0.018678	0.005838
	0.005793	0.023735	0.010590	-0.006448	-0.019609	0.016865
	0.020488	0.010225	0.015859	-0.004113	-0.033920	-0.023483
	0.023189	-0.016497	-0.027885	-0.009789	0.058773	0.015844
	0.008332	-0.010034	-0.013382	-0.015343	-0.018317	-0.009017
	-0.031208					
z78	0.040087	0.005814	0.020644	-0.005570	0.001699	-0.022700
	0.008135	0.002848	-0.011226	0.014167	-0.009740	0.025679
	-0.014264	-0.026555	-0.046004	0.003193	0.038311	-0.008375
	0.020297	0.002549	-0.004533	-0.014227	-0.035749	0.007010
	-0.007035	0.013849	-0.000191	0.008894	-0.008036	0.017198
	0.017701					

x79	-0.005840	0.025736	0.038899	-0.003796	0.039367	-0.014049
	-0.023409	-0.018855	-0.019591	0.019506	0.000604	-0.023504
	0.000245	0.005041	0.024829	0.011630	0.018405	0.027542
	-0.020045	0.002985	-0.003988	0.008356	-0.004794	0.003933
	-0.001305	-0.019120	-0.017617	-0.011639	-0.013821	0.014774
	-0.010959					
y79	-0.007176	-0.010362	-0.016681	-0.004623	-0.013731	0.017022
	0.014429	0.026988	0.024222	-0.009279	0.001285	-0.000226
	-0.000670	0.013893	0.021540	-0.001793	-0.014204	-0.008234
	-0.011519	-0.013963	-0.016268	-0.014127	0.034527	-0.010292
	-0.016356	-0.019770	0.003701	-0.015375	-0.008585	-0.014905
	-0.028767					
z79	0.040870	0.003764	0.017957	-0.009760	-0.000551	-0.030635
	-0.005089	0.016845	-0.006112	0.020235	-0.014312	0.017893
	-0.005793	-0.013059	-0.036285	-0.029489	0.033436	-0.020567
	0.030721	-0.003360	0.011581	-0.007729	-0.032580	0.037025
	-0.019035	0.010478	-0.004088	0.007428	0.009181	0.006281
	0.012726					
x80	-0.003314	0.027101	0.035262	-0.003821	0.041340	-0.015498
	-0.022814	-0.018226	-0.018834	0.025056	-0.005250	-0.028788
	0.007678	-0.005506	0.027209	0.004553	0.014812	0.034019
	-0.003580	-0.002361	-0.010295	0.012580	0.004211	0.007209
	0.003432	-0.012772	-0.012726	-0.013265	-0.012789	0.009973
	-0.014525					
y80	-0.006455	-0.012484	-0.022964	-0.002661	-0.013134	0.019261
	0.013588	0.030607	0.020092	-0.007798	-0.004762	-0.012642
	0.011414	-0.000888	0.035883	-0.010654	-0.021865	0.006399
	0.003240	-0.012283	-0.021190	0.011756	0.048816	-0.000697
	-0.006542	-0.000699	0.010511	-0.019520	-0.003941	-0.014130
	-0.033245					
z80	0.038287	0.001585	0.015733	-0.011509	-0.000366	-0.025589
	-0.006897	0.022011	-0.007298	0.019984	-0.011718	0.013060
	0.000404	-0.011516	-0.022512	-0.034095	0.031970	-0.018642
	0.022627	0.000592	0.014452	0.014599	-0.023153	0.040557
	-0.017450	0.011409	0.001692	-0.000264	0.003586	0.000557
	0.001491					
x81	-0.001351	0.025610	0.038533	-0.004897	0.044304	-0.014633
	-0.023225	-0.032897	-0.015295	0.012623	0.005960	-0.029113
	-0.010986	-0.004213	0.017419	0.017454	0.011703	0.040788
	-0.011519	0.001161	-0.000396	0.007423	-0.001321	0.007392
	0.004130	-0.013240	0.000783	-0.012170	-0.001124	0.012797
	-0.011119					

y81	-0.001565	-0.014181	-0.019215	-0.001772	-0.009713	0.020614
	0.017888	0.011160	0.015235	-0.021242	0.008515	-0.012598
	-0.004565	0.003731	0.035909	0.004657	-0.033287	0.023428
	0.002908	-0.012823	-0.017519	0.016815	0.052850	0.003771
	0.004517	0.010594	0.026361	-0.021811	0.018458	-0.003321
	-0.022073					
z81	0.041264	0.004516	0.015801	-0.012886	0.003445	-0.023079
	-0.002291	0.016770	-0.007540	0.024031	-0.001200	0.010723
	0.012484	-0.010873	-0.006766	-0.036832	0.018394	-0.011639
	0.016236	-0.013996	0.008612	0.034167	-0.003776	0.036788
	-0.009746	0.012559	0.006751	-0.006710	-0.008955	-0.007030
	0.000252					
x82	-0.009912	0.021816	0.035357	0.003132	0.037721	-0.010732
	-0.029247	-0.029719	-0.015435	0.012498	0.001476	-0.019101
	-0.001926	-0.005315	0.003054	0.016138	0.016136	0.018360
	-0.007761	0.008397	0.013999	-0.005486	-0.016725	0.008043
	-0.004167	-0.016136	-0.011242	-0.004611	-0.005555	0.013761
	-0.008801					
y82	-0.008337	-0.017688	-0.022374	0.006809	-0.017883	0.023737
	0.015706	0.012677	0.010165	-0.026143	0.003293	0.001163
	0.007425	-0.001230	0.021506	0.009142	-0.031067	0.003464
	0.004703	0.001236	-0.012075	0.002856	0.036803	-0.005279
	0.009950	0.008123	0.007326	-0.013915	0.012908	0.002983
	-0.013003					
z82	0.046682	0.005750	0.017854	-0.011885	0.011897	-0.022578
	0.005662	-0.006606	-0.006836	0.012730	0.027799	0.010397
	0.012017	-0.016586	-0.009690	-0.020784	-0.003155	0.003517
	0.004267	-0.022592	0.009727	0.049149	0.001375	0.016558
	0.000508	0.014415	0.021640	-0.014560	-0.019110	-0.007862
	0.003465					
x83	-0.012038	0.033761	0.032591	-0.000701	0.041512	-0.022888
	-0.042181	-0.022763	-0.014376	0.019890	-0.005283	-0.006023
	-0.007664	-0.000436	-0.014597	0.012750	0.028869	0.001816
	-0.006938	0.017678	0.005087	-0.010171	-0.022001	0.011467
	-0.024590	-0.031144	0.012201	-0.019472	-0.010921	0.003402
	-0.017970					
y83	-0.006775	0.003868	-0.024382	0.010327	-0.010170	-0.007920
	-0.007610	0.010385	0.013952	-0.012599	0.027376	0.031908
	0.003030	0.009445	-0.018028	-0.007835	-0.015556	-0.013926
	0.033676	0.007982	-0.018199	-0.007302	-0.002335	-0.030489
	-0.014407	-0.001443	0.022756	-0.041757	0.011434	0.017414
	-0.002262					

z83	0.049062	0.015036	0.017485	-0.018653	0.015211	-0.036226
	-0.001209	-0.008165	-0.007802	0.017231	0.031751	0.030441
	-0.007745	-0.012933	-0.029419	-0.025793	0.007047	-0.005111
	0.015504	-0.018001	-0.000788	0.021698	-0.012224	0.004926
	-0.005380	0.014819	0.030742	-0.014747	-0.003565	-0.011794
	0.006352					
x84	0.020578	0.027572	-0.007257	-0.003959	0.026815	-0.002804
	-0.026240	-0.007297	-0.017481	-0.013983	-0.025539	-0.009423
	0.024949	0.012537	-0.000850	0.018118	-0.003016	0.017091
	-0.006282	-0.013700	-0.028339	-0.052230	0.025278	0.012806
	0.013254	-0.027757	0.014895	0.018135	0.001668	-0.014317
	0.000418					
y84	-0.033011	-0.007961	-0.010513	0.016727	0.025532	-0.009565
	-0.011370	-0.014001	-0.014767	0.000921	0.024788	0.012103
	0.015992	-0.002305	-0.011978	0.000264	-0.002013	0.006354
	0.013565	0.001290	-0.037271	-0.010927	0.001227	-0.004725
	-0.000849	0.006007	-0.016143	0.022544	0.001293	-0.004218
	0.035575					
z84	0.008105	0.002438	-0.025332	-0.006131	0.002327	-0.010078
	0.013965	0.009953	0.010360	-0.025734	0.029911	-0.001680
	0.008366	0.009431	-0.042766	0.002755	-0.008351	0.018400
	-0.012472	0.022447	-0.011508	-0.020831	0.025767	0.003270
	0.016689	-0.028774	0.030313	-0.014081	-0.032894	-0.001359
	-0.030459					
x85	0.002684	0.005441	-0.007181	-0.010543	0.001454	-0.002408
	0.008995	-0.011380	-0.010971	0.002693	-0.013099	-0.001491
	-0.001536	-0.009104	0.017428	-0.011974	0.005540	-0.007098
	0.008729	0.014879	-0.003447	-0.017124	-0.021699	-0.001366
	0.002822	0.003207	0.012308	0.006284	-0.001782	-0.017858
	-0.006440					
y85	-0.032070	-0.010235	0.000587	0.018066	0.020097	-0.004484
	-0.014541	-0.017910	-0.006270	0.008323	0.015221	0.007933
	0.025890	-0.005269	-0.017496	-0.002428	0.002729	-0.002655
	0.009428	-0.006684	-0.028634	0.014744	-0.005458	-0.000067
	-0.002228	0.006957	-0.016036	0.016735	0.022122	-0.011155
	0.042242					
z85	0.004080	-0.002607	-0.008066	-0.002030	-0.003283	-0.009622
	0.013576	0.007350	0.011958	-0.004255	0.031882	-0.007586
	0.012771	0.007625	0.000643	-0.026077	-0.002637	0.008481
	-0.011436	0.027938	-0.036134	-0.003936	-0.009259	-0.013418
	-0.012395	-0.034030	0.012613	-0.032471	-0.023345	-0.038903
	-0.013886					

x86	-0.000543	0.001864	-0.006902	-0.010426	0.005374	-0.000002
	0.014278	-0.007421	-0.015097	0.009080	-0.012692	0.000582
	-0.017495	-0.018293	0.007339	-0.008653	0.013500	-0.008988
	-0.008560	0.016828	-0.003954	-0.013886	-0.033610	-0.010019
	-0.001822	0.025414	0.026620	0.019383	0.009603	-0.005402
	0.001206					
y86	-0.031550	-0.008933	-0.000444	0.015678	0.019011	-0.004268
	-0.016411	-0.019497	-0.010334	0.003795	0.009311	0.009311
	0.023382	-0.007623	-0.021016	0.002984	-0.003558	-0.001588
	0.010677	-0.003955	-0.013890	0.020919	-0.000137	0.006664
	0.000598	0.009534	-0.022077	0.018186	0.020815	-0.005861
	0.043520					
z86	0.003123	0.003852	-0.011521	-0.006759	-0.000190	-0.002609
	0.017264	-0.000508	-0.001368	-0.016289	0.022579	0.002166
	-0.003152	0.004385	-0.011585	-0.018059	-0.003053	0.014721
	-0.005676	0.029149	-0.005958	-0.000822	-0.003374	-0.006704
	-0.022818	-0.017772	0.003137	-0.018700	-0.028285	-0.027091
	-0.013097					
x87	0.002389	0.006450	-0.002945	-0.011176	0.012330	-0.003943
	0.008349	-0.009941	-0.002395	0.015329	-0.026678	-0.010114
	-0.006156	-0.009184	0.043775	0.006506	0.010282	-0.004526
	0.006632	0.005057	0.000388	-0.029310	-0.026182	-0.000151
	-0.014741	0.006626	0.024063	0.029932	-0.011694	-0.004855
	-0.011739					
y87	-0.034051	-0.010955	-0.003496	0.014945	0.021904	-0.011023
	-0.016214	-0.019148	-0.013611	-0.000399	0.016666	0.013231
	0.014453	-0.004714	-0.011147	0.002164	-0.004694	-0.007981
	0.017934	0.010139	-0.009878	0.015850	-0.003107	0.009865
	-0.002117	0.008382	-0.018685	0.026758	-0.004493	0.003577
	0.029408					
z87	0.002364	-0.000513	-0.013891	-0.006266	-0.002448	-0.003574
	0.017120	0.004424	-0.005410	-0.019355	0.026160	0.012878
	-0.012124	0.002156	-0.020690	-0.011594	-0.003633	0.006473
	0.007439	0.042063	-0.006084	0.002706	-0.005192	0.005587
	-0.025211	-0.001175	-0.001353	0.002562	-0.039965	-0.006365
	-0.015471					
x88	0.007520	0.012126	0.003267	-0.010150	0.017594	0.000983
	-0.003898	-0.008872	0.005832	0.008043	-0.038665	-0.009475
	0.000494	-0.009342	0.051213	0.017734	0.012310	-0.005140
	0.007480	-0.021736	0.001014	-0.020814	0.002812	0.014683
	-0.010168	-0.004813	0.021379	0.025868	-0.006733	0.000179
	-0.027453					

y88	-0.035815	-0.012791	-0.007018	0.014341	0.024622	-0.016787
	-0.012265	-0.015122	-0.015664	-0.002849	0.026862	0.015338
	0.009330	-0.003721	0.005258	-0.008090	-0.010456	-0.015943
	0.022868	0.015163	-0.012861	0.010211	-0.011787	0.001437
	0.001179	0.006738	-0.003791	0.028591	-0.009559	-0.002459
	0.024259					
z88	0.004779	-0.006123	-0.012734	-0.008506	-0.008597	0.002109
	0.016159	0.010595	0.000635	-0.027634	0.021814	0.008499
	-0.003510	-0.001432	-0.011875	-0.011497	-0.008547	-0.008386
	0.000481	0.027447	-0.000032	-0.004949	-0.010304	0.003713
	-0.004302	-0.011268	0.006090	-0.012956	-0.007191	-0.011862
	0.003582					
x89	0.012613	0.011486	0.006660	-0.008539	0.013004	-0.001579
	-0.013876	-0.003797	0.006317	0.016984	-0.041749	-0.009670
	0.000465	-0.005051	0.043730	0.018514	-0.005594	-0.002454
	0.008160	-0.027233	-0.009494	-0.000885	0.008578	0.019038
	-0.001567	0.003678	0.014523	0.025478	0.018307	-0.004846
	-0.027745					
y89	-0.036566	-0.013854	-0.007778	0.016846	0.027989	-0.015715
	-0.007288	-0.014102	-0.014144	0.000827	0.026975	0.009828
	0.013963	-0.007741	0.009505	-0.011679	-0.007681	-0.012431
	0.024839	0.011482	-0.019812	0.012631	-0.020752	0.001489
	-0.002205	0.009558	0.009248	0.028480	0.000700	-0.008092
	0.027898					
z89	0.005366	-0.012286	-0.007527	-0.007123	-0.009915	0.008917
	0.018762	0.006873	0.017965	-0.026547	0.018134	-0.007817
	0.008806	-0.005624	-0.006240	-0.001284	-0.003676	-0.010268
	-0.000364	0.020661	-0.006855	-0.002937	-0.018232	0.016154
	-0.011528	-0.019846	0.009896	-0.017795	-0.005859	-0.008965
	0.003953					
x90	0.015988	0.013002	0.006042	-0.009192	0.010955	-0.007063
	-0.015624	-0.009183	0.005080	0.031426	-0.040768	-0.017595
	-0.003433	-0.005955	0.033229	0.014384	-0.001043	0.005126
	0.005464	-0.019553	-0.005784	-0.009666	0.013310	0.011439
	0.013078	0.001542	0.000248	0.020219	0.004805	-0.000253
	-0.028006					
y90	-0.035777	-0.013443	-0.008342	0.012131	0.028738	-0.014509
	-0.005821	-0.010930	-0.014303	0.000036	0.019214	0.014794
	0.010573	-0.013985	0.014702	-0.019142	-0.004119	-0.003590
	0.024246	0.010381	-0.019151	0.007873	-0.012694	-0.003580
	0.010436	0.002992	0.004219	0.014984	-0.001858	-0.006383
	0.023252					

z90	0.004058	-0.009970	-0.004593	0.000071	-0.000059	0.020552
	0.014507	0.008453	0.011500	-0.034247	0.024122	0.002556
	0.016670	-0.002041	-0.003805	-0.014048	-0.005490	0.009749
	0.010388	-0.022023	0.033449	0.011851	0.004659	0.013230
	-0.007484	-0.012808	0.000945	-0.031688	0.010666	0.007172
	0.003917					
x91	0.015021	0.022733	0.007384	-0.017837	0.016664	-0.004031
	-0.023254	-0.000441	-0.002819	0.026093	-0.040305	-0.009285
	-0.024498	0.000521	0.029249	-0.002799	-0.005883	0.003339
	-0.007577	-0.021449	0.008972	-0.013213	0.039254	-0.000744
	0.025639	-0.001523	-0.008606	0.002545	0.004845	-0.007391
	-0.037246					
y91	-0.031974	-0.012021	-0.007300	0.004260	0.018225	-0.017540
	-0.002684	-0.005663	-0.009228	-0.009534	0.006167	0.022922
	0.006301	-0.014464	0.026844	-0.012813	0.014713	0.000352
	0.001003	0.015688	-0.028769	0.004326	-0.005661	-0.008521
	0.008494	-0.009071	0.011007	0.012598	-0.001318	-0.010840
	0.016549					
z91	0.006452	-0.008170	-0.001454	0.005847	0.002436	0.024252
	0.014496	0.010329	0.015957	-0.033605	0.022326	-0.001341
	0.026131	-0.002632	-0.006956	0.003605	-0.015477	0.009635
	0.013198	-0.029608	0.031837	0.020964	0.011406	0.025240
	-0.016003	-0.006504	0.009826	-0.017052	0.020214	0.011905
	0.007519					
x92	0.017346	0.018659	0.007965	-0.017007	0.005412	-0.012555
	-0.022212	-0.006957	0.001969	0.038359	-0.036715	-0.022603
	-0.025886	0.002939	0.024122	-0.001508	-0.002426	0.001311
	-0.020150	-0.002219	-0.003060	-0.008048	0.020848	-0.015241
	0.014238	-0.001151	-0.014935	0.004349	-0.000596	-0.013149
	-0.023594					
y92	-0.029053	-0.010904	-0.004440	-0.000416	0.010932	-0.016181
	-0.003838	0.001602	-0.002382	-0.009126	0.002983	0.014844
	-0.000728	-0.012235	0.027515	0.003666	0.012109	-0.006583
	-0.014534	0.035680	-0.051236	0.000961	-0.009078	-0.003212
	0.006022	-0.014450	0.018772	0.015298	0.000946	-0.015146
	0.015004					
z92	0.011559	-0.014982	0.000503	0.005838	-0.012052	0.016717
	0.022932	0.006987	0.034325	-0.025781	0.017340	-0.022253
	0.033317	-0.003732	-0.001628	0.026338	-0.009261	0.011975
	0.001843	0.004012	-0.007320	0.021247	-0.003082	0.029973
	-0.030533	-0.017670	0.013754	-0.003875	0.002373	0.013004
	0.000124					

x93	0.020790	0.022918	0.006284	-0.016020	0.001500	-0.022575
	-0.021796	-0.006691	0.007608	0.041427	-0.033674	-0.023601
	-0.025245	0.007242	0.005961	0.013316	0.000906	-0.009190
	-0.021654	0.009307	-0.016742	-0.011987	0.015286	-0.002400
	0.000176	0.010188	0.000455	0.026884	-0.005140	-0.032307
	-0.009227					
y93	-0.028739	-0.006757	-0.007173	0.009999	0.010750	-0.019445
	-0.016137	-0.000968	-0.013532	-0.014696	0.029989	0.010417
	0.008183	0.006001	0.022671	0.006375	0.002386	-0.010646
	-0.009023	0.015214	-0.010963	0.011170	0.001435	0.008763
	0.003857	-0.012735	0.020284	0.014210	0.000969	0.009677
	0.018085					
z93	0.014625	-0.005087	-0.005711	-0.000915	-0.005123	0.008182
	0.017513	0.014624	0.025235	-0.031540	0.004808	-0.010068
	0.022937	-0.005142	0.004631	0.026160	-0.003286	0.018447
	-0.011555	-0.020568	-0.002694	0.028511	0.030410	0.039345
	-0.011771	-0.023749	0.020110	-0.004197	0.007234	0.005224
	-0.019771					
x94	0.018809	0.021119	0.004919	-0.008128	0.000727	-0.020893
	-0.027170	-0.021211	-0.007246	0.050970	-0.014294	-0.024632
	-0.024287	0.022628	0.000965	-0.002520	0.006376	0.001169
	0.000157	-0.011244	0.016210	-0.010260	0.005825	-0.003877
	-0.004879	0.010150	-0.009755	0.013562	0.003235	0.010677
	-0.002133					
y94	-0.029405	-0.004041	-0.011398	0.008814	0.009654	-0.015409
	-0.014967	0.013227	-0.013962	-0.013558	0.033842	0.000611
	0.005764	0.003696	0.008496	0.012820	-0.009416	-0.002182
	-0.003905	0.010561	-0.007574	-0.000712	0.016390	-0.009035
	0.008316	-0.004643	0.007096	0.000176	-0.003748	0.010018
	0.010436					
z94	0.016557	-0.007756	-0.001587	-0.006170	-0.013154	0.014062
	0.015750	0.010264	0.017884	-0.014870	-0.005616	-0.006620
	0.009564	-0.014765	0.005849	0.004369	-0.010624	0.023158
	-0.006786	-0.017410	0.000629	0.016573	0.024552	-0.006375
	0.011234	-0.024761	-0.018059	-0.023736	0.017127	0.018929
	-0.019538					
x95	0.019183	0.021179	0.003445	-0.006792	0.000102	-0.021628
	-0.029353	-0.024349	-0.009491	0.055401	-0.006483	-0.018573
	-0.025708	0.024540	-0.008000	-0.014011	0.002117	0.004594
	0.007298	-0.018576	0.026565	-0.008619	0.000064	-0.019487
	0.002730	0.005164	-0.019818	0.009047	0.007341	0.013224
	0.000741					

y95	-0.027461	-0.006843	-0.006687	0.001897	0.001823	-0.019102
	-0.012313	0.012585	-0.002885	0.002147	0.019827	-0.012929
	-0.000795	-0.004533	0.001034	0.026303	-0.008951	0.000016
	-0.009897	0.034084	-0.042435	-0.001305	0.000455	-0.007053
	0.008196	0.000670	-0.000251	-0.001770	-0.008455	0.003133
	0.009592					
z95	0.017814	-0.005256	0.004220	-0.014185	-0.014549	0.012053
	0.018262	0.003597	0.021898	-0.001334	-0.025103	-0.014226
	0.004633	-0.017446	0.003307	0.018504	0.001209	0.012249
	-0.014590	0.009404	-0.027390	0.010007	0.013761	0.014170
	-0.000950	-0.020751	-0.007855	-0.011226	0.002177	0.007459
	-0.018200					
x96	0.021788	0.032136	0.001117	-0.018314	0.006850	-0.021557
	-0.029612	-0.012647	-0.010951	0.046349	-0.023351	0.009969
	-0.042138	0.014075	-0.007862	-0.018744	0.001397	-0.003259
	-0.003593	-0.026443	0.012437	-0.007147	0.010919	-0.031607
	0.021849	0.002417	-0.008711	0.014536	0.021444	-0.010368
	-0.007538					
y96	-0.027327	-0.003065	-0.004247	0.009245	0.003143	-0.018933
	-0.018951	0.005796	-0.005935	0.007099	0.026919	-0.014067
	0.000546	0.001527	-0.006396	0.017998	-0.007651	0.001670
	-0.008792	0.025140	-0.023616	0.007200	-0.001407	-0.008252
	0.005130	0.010847	-0.009614	-0.002977	-0.005548	0.006679
	0.015926					
z96	0.018588	-0.000415	0.007592	-0.013239	-0.010710	0.012477
	0.015143	-0.002286	0.011413	0.002563	-0.027868	-0.009767
	-0.000668	-0.013779	0.005730	0.007010	0.007976	0.010164
	-0.018075	0.003341	-0.002771	0.004556	0.015702	0.011729
	-0.002911	-0.016435	-0.015418	-0.005761	0.000499	0.006211
	-0.011767					
x97	0.020280	0.037596	-0.001937	-0.018552	0.012897	-0.020199
	-0.025803	-0.007756	-0.012045	0.040321	-0.019146	0.021754
	-0.044156	0.019923	-0.013686	-0.016611	0.007056	0.004658
	0.006080	-0.037009	0.006761	-0.005237	0.009951	-0.027603
	0.014704	0.001299	0.001228	0.015136	0.016027	-0.015570
	-0.007670					
y97	-0.028508	0.005289	-0.000103	0.007353	0.018303	-0.017424
	-0.032322	-0.014894	-0.024461	0.011079	0.020665	0.003110
	0.000443	0.003854	0.002932	-0.005192	0.008945	-0.000601
	-0.004230	0.010072	0.009644	0.027179	0.010572	0.018569
	0.007018	0.020674	0.008722	-0.008772	-0.002014	-0.000650
	0.015883					

z97	0.021132	0.010396	0.003705	-0.010258	-0.004759	0.015160
	0.005256	0.006795	0.001092	-0.008469	-0.021651	0.009119
	-0.001639	0.000385	0.004387	0.008273	0.004885	-0.002479
	-0.018440	-0.016400	0.025895	0.012241	0.037403	0.031241
	-0.004627	-0.013708	0.011307	0.007325	0.007608	0.013168
	-0.016270					
x98	0.018983	0.040439	-0.002051	-0.012862	0.019153	-0.022858
	-0.030508	-0.019441	-0.016564	0.040775	-0.004668	0.031137
	-0.032057	0.029694	-0.019588	-0.015593	0.012012	-0.001387
	0.023279	-0.042267	0.019069	0.014509	0.007972	0.006131
	0.003238	0.001655	0.019365	0.019967	0.012022	-0.012747
	-0.002972					
y98	-0.027196	0.006699	0.000954	0.004833	0.015287	-0.016452
	-0.034021	-0.012578	-0.021810	0.011551	0.020856	0.000931
	-0.003171	0.009574	-0.004706	-0.004840	0.015876	-0.003495
	-0.009202	0.008370	0.006705	0.022005	0.008562	0.012722
	0.000319	0.014822	0.007365	-0.015418	-0.000011	-0.003242
	0.010428					
z98	0.025008	0.007898	0.000788	-0.012763	-0.010893	0.014095
	0.007161	0.013161	0.003554	-0.005314	-0.023566	0.008755
	-0.004418	-0.002396	-0.000706	0.002042	-0.005367	-0.003980
	-0.015856	-0.017123	0.012230	0.004779	0.034415	0.010159
	0.002222	-0.021395	-0.000568	0.000482	0.007222	0.008683
	-0.019570					
x99	0.020399	0.040844	-0.007457	-0.013685	0.013281	-0.020898
	-0.021890	0.000634	-0.003746	0.030861	0.006632	0.040184
	-0.042149	0.031813	-0.030103	0.000882	0.005645	-0.010295
	0.014487	-0.043589	0.006884	-0.000017	0.016848	-0.002516
	0.010578	-0.008613	0.028873	0.015839	0.016174	-0.003782
	-0.010287					
y99	-0.024642	0.008850	-0.003240	0.007841	0.004501	-0.015919
	-0.032452	0.006281	-0.008796	0.003127	0.037864	-0.008387
	-0.006451	0.025936	-0.022217	0.009751	0.007988	-0.009026
	-0.014064	0.008629	0.001955	0.006517	0.003440	-0.008486
	-0.008304	0.006184	-0.000340	-0.014848	-0.003931	0.005473
	0.002733					
z99	0.025146	0.009908	-0.000498	-0.006612	-0.009274	0.013721
	0.014237	0.013334	0.005255	0.007248	-0.011565	0.000328
	-0.001423	-0.000540	-0.010856	-0.002107	0.000468	0.006316
	-0.007162	-0.023987	0.008030	-0.001631	0.015115	-0.015001
	-0.007008	-0.017965	-0.002336	0.000353	0.005301	0.006102
	-0.011297					

x100	0.018840	0.038106	-0.008211	-0.015516	0.017725	-0.021127
	-0.010582	0.002922	0.004684	0.028115	0.012902	0.047938
	-0.043653	0.022821	-0.028210	0.000235	0.012230	-0.007350
	0.004924	-0.039146	-0.004766	-0.007212	0.003963	-0.017346
	0.013147	-0.014329	0.032597	0.013926	0.003689	-0.009522
	-0.003736					
y100	-0.022750	0.011530	-0.002929	0.005288	0.007338	-0.014197
	-0.039693	-0.003053	-0.015277	0.007088	0.034171	-0.003475
	-0.006014	0.028566	-0.019729	0.002536	0.006893	-0.014040
	-0.012081	0.006979	0.012200	0.013277	0.008914	0.000727
	-0.006908	0.005078	-0.002631	-0.023657	-0.010466	0.007134
	0.000605					
z100	0.025787	0.015629	-0.000246	-0.007052	-0.002184	0.014795
	0.011079	0.001086	-0.010217	0.021587	-0.016740	0.014479
	-0.002203	-0.004346	-0.005889	-0.010827	-0.008859	-0.001491
	-0.001032	-0.029408	0.007341	0.003537	0.022015	-0.008075
	-0.000296	-0.013438	0.004600	-0.007520	0.002091	0.002062
	-0.009657					
x101	0.015371	0.034751	-0.009919	-0.002628	0.015407	-0.012718
	-0.004378	-0.007595	-0.002916	0.026560	0.014229	0.056825
	-0.018519	0.016300	-0.031672	0.013417	-0.001404	-0.012711
	0.003938	-0.049121	0.002090	-0.002937	0.012789	-0.010313
	0.010387	-0.021514	0.021343	0.003237	0.015987	0.006056
	0.004876					
y101	-0.018470	0.010555	0.000386	0.003508	0.011990	-0.010762
	-0.047850	-0.014838	-0.011158	0.011854	0.023361	-0.003504
	-0.001493	0.023063	-0.024778	-0.013212	0.027375	-0.005282
	-0.001682	-0.002070	0.035076	0.028030	0.012339	0.018237
	0.001616	-0.000621	-0.009172	-0.037856	0.002449	0.010931
	0.000799					
z101	0.026066	0.016710	0.003254	0.001602	0.003511	0.016316
	0.002669	-0.012614	-0.015957	0.032619	-0.007151	0.018132
	0.004504	0.005941	-0.012542	-0.024993	-0.013255	-0.001551
	0.013805	-0.038263	0.031276	0.009875	0.017987	0.005463
	-0.003253	-0.010514	0.002055	-0.015653	0.000956	0.004789
	0.004379					
x102	0.012129	0.031089	-0.004072	-0.003915	0.024572	0.000262
	-0.007994	-0.012764	-0.003972	0.025673	0.002598	0.045613
	-0.029267	0.000182	-0.025037	0.012531	0.005685	-0.009566
	-0.002935	-0.043180	0.012819	-0.007620	0.020034	0.002055
	0.014664	-0.034230	0.021874	-0.014019	0.035984	-0.000352
	0.005352					

y102	-0.017104	0.012135	0.001989	-0.002083	0.013985	-0.016038
	-0.041840	-0.025443	-0.010403	0.020671	0.020036	0.012978
	-0.003639	0.018520	-0.011839	-0.021603	0.029123	-0.008407
	0.002268	0.009268	0.029372	0.029204	0.008598	0.007083
	0.006424	0.002040	-0.007345	-0.027599	-0.008889	0.006612
	0.003107					
z102	0.031778	0.019241	-0.001147	0.005102	0.002769	0.010442
	0.001486	-0.004577	-0.006495	0.034727	0.013248	0.027212
	-0.001422	0.017209	-0.037207	-0.016570	-0.025946	-0.006170
	0.029613	-0.039173	0.027172	0.003079	0.008010	0.016319
	0.008260	-0.008527	-0.000581	-0.010482	-0.009386	0.012723
	0.015931					
x103	0.007216	0.016863	0.000301	-0.004058	0.014168	-0.003791
	0.000580	-0.019436	0.006480	0.024813	0.009455	0.027146
	-0.019799	-0.003893	-0.005725	0.017821	-0.000774	0.003804
	-0.004162	-0.013068	-0.007623	0.003877	0.007004	0.000061
	0.008111	-0.032606	0.017036	-0.024135	0.003257	0.010745
	-0.005980					
y103	-0.013003	0.016592	-0.000804	-0.001951	0.019968	-0.022904
	-0.039427	-0.023939	-0.008181	0.021768	0.028459	0.025462
	-0.017618	0.014215	-0.004162	-0.018569	0.019849	-0.005049
	0.006601	0.012618	0.025459	0.028655	0.007558	-0.012574
	0.013724	0.004730	0.009154	-0.017438	0.003580	0.005243
	0.001585					
z103	0.042602	0.009415	-0.004412	0.005365	-0.014577	-0.012311
	0.007022	-0.013623	0.008850	0.036661	0.025572	0.023465
	-0.003772	0.016503	-0.033470	-0.002026	-0.018972	0.006341
	0.033461	-0.025094	0.010649	0.017559	-0.013633	0.012297
	0.007243	-0.010524	-0.002374	-0.000107	-0.011909	0.017410
	0.026326					
x104	0.001021	0.011371	-0.001924	0.001313	0.017671	-0.006558
	-0.004082	-0.019425	-0.002132	0.015203	0.034928	0.019567
	-0.005743	0.006847	0.006034	-0.005418	0.001261	0.009924
	0.022581	-0.019806	0.012375	0.024682	0.007456	-0.003069
	-0.009769	-0.020557	0.024504	-0.029830	-0.004265	0.010593
	-0.018076					
y104	-0.011794	0.020346	-0.005404	-0.005523	0.022529	-0.018369
	-0.035550	-0.013905	-0.005502	0.016635	0.007145	0.039677
	-0.019397	0.005234	-0.006856	-0.011891	0.018556	-0.006090
	0.004569	0.009781	0.007249	0.017025	0.016719	-0.009281
	0.028625	-0.002766	0.003367	-0.019361	0.002151	0.011013
	-0.009610					

z104	0.044902	0.016880	-0.008242	-0.002730	-0.007586	-0.012729
	0.006492	0.001621	0.000290	0.017667	0.015633	0.043000
	-0.016872	0.016413	-0.025139	-0.005582	-0.025532	-0.000648
	0.025194	-0.035720	0.012798	0.010626	0.002325	0.016958
	0.018337	-0.013397	0.004545	0.005442	0.002388	0.006429
	0.021464					
x105	0.001818	0.014119	0.000616	-0.018254	0.019454	-0.006140
	-0.005276	-0.005558	-0.006203	0.006468	0.008735	0.015021
	-0.024107	-0.008655	0.013099	-0.002951	-0.001975	-0.003833
	-0.009016	-0.002356	-0.025949	0.018581	0.022013	-0.010251
	0.007129	-0.014212	0.033550	-0.029597	0.012580	-0.021344
	-0.027516					
y105	-0.010605	0.018639	-0.004491	0.005590	0.023633	-0.012811
	-0.034828	-0.018113	-0.002554	0.012623	0.018484	0.033686
	-0.004862	0.013821	-0.016160	-0.007110	0.009258	0.005302
	0.011128	-0.005019	0.014876	0.019635	0.015145	0.002333
	0.033287	-0.002995	-0.004414	-0.023984	-0.001804	0.041296
	-0.005469					
z105	0.045955	0.015309	-0.004761	-0.002434	-0.004467	-0.009681
	0.008479	0.001837	0.000350	0.012022	0.019762	0.035768
	-0.015798	0.019417	-0.023495	-0.003479	-0.038828	0.000713
	0.017861	-0.035532	0.003230	0.009714	-0.004616	0.028027
	0.026007	-0.013336	-0.001135	0.004256	-0.000343	0.016452
	0.025515					
x106	-0.004923	0.009477	0.000860	-0.013241	0.013790	-0.000897
	-0.006732	0.009068	-0.002473	0.002511	-0.002160	0.003595
	-0.008188	-0.009524	0.015955	-0.006928	0.004011	-0.011735
	-0.023120	-0.001194	-0.021638	0.020380	0.016236	-0.002578
	0.007623	-0.011801	0.023557	-0.018082	0.014013	-0.003786
	-0.021963					
y106	-0.006299	0.018903	-0.001808	-0.002865	0.021623	-0.010738
	-0.034416	-0.007031	0.000737	0.012647	-0.004575	0.035791
	-0.013046	0.001176	-0.016384	-0.010901	0.007655	-0.007834
	-0.008422	0.003869	-0.015288	0.021535	0.007478	-0.004361
	0.042705	-0.006969	0.002686	-0.017400	0.030861	0.022091
	-0.000806					
z106	0.044330	0.015643	-0.001562	-0.000159	0.001637	-0.001580
	0.003593	0.006343	-0.003287	0.009987	0.024646	0.026808
	-0.015594	0.023606	-0.027721	-0.009625	-0.047481	-0.002644
	0.012837	-0.033937	0.008855	0.011344	0.001678	0.043252
	0.032991	-0.013567	-0.007576	-0.000823	-0.003171	0.023823
	0.026862					

x107	-0.008833	0.008878	0.003972	-0.013079	0.018449	0.006135
	-0.005584	0.005593	-0.001561	-0.010217	-0.006781	0.001072
	-0.003743	-0.011788	0.025574	0.001571	-0.004762	0.004118
	-0.021764	-0.005255	-0.009092	0.016774	0.017102	0.008407
	0.024090	-0.003000	0.018876	-0.010272	0.000865	0.017418
	-0.020644					
y107	-0.009479	0.013318	-0.004904	0.001473	0.015667	-0.020150
	-0.029681	0.001664	-0.000308	0.019341	0.012462	0.042746
	-0.012032	0.012405	-0.005242	-0.032144	0.018859	-0.020160
	-0.002315	0.007485	-0.017823	0.020930	0.001173	-0.015772
	0.021114	-0.008022	0.018086	-0.011643	0.020261	0.012170
	-0.009969					
z107	0.043711	0.010790	-0.004785	0.004816	-0.008226	-0.011677
	0.007232	0.007881	-0.007545	0.006605	0.034340	0.032023
	-0.004226	0.033378	-0.013687	-0.023206	-0.023098	0.006659
	0.009281	-0.039838	0.016159	0.025288	0.001983	0.032027
	0.015580	-0.007176	0.000855	0.005652	-0.014037	0.025225
	0.020407					
x108	-0.014956	0.005081	0.001221	-0.002066	0.011590	0.003527
	-0.007025	-0.002964	-0.005734	-0.021899	0.007082	0.008801
	0.012228	-0.002794	0.024073	0.003671	0.013615	0.028858
	-0.006585	-0.013766	0.021954	0.027964	0.025503	-0.002713
	0.002136	0.001801	0.017761	-0.011117	-0.013686	0.028893
	-0.025202					
y108	-0.012217	0.011199	-0.008205	0.005185	0.011952	-0.016148
	-0.026382	0.008435	0.005728	0.027005	0.011163	0.037902
	-0.006243	0.009636	-0.004051	-0.033317	0.011472	-0.027304
	0.022767	0.012408	-0.012671	0.005435	0.002882	-0.010344
	0.011784	-0.025169	0.011994	-0.019763	0.005364	0.009337
	-0.024020					
z108	0.040980	0.006872	-0.007090	0.004999	-0.010159	-0.005376
	0.007036	0.011308	-0.007709	0.012653	0.037235	0.027408
	-0.003202	0.029591	-0.012529	-0.020938	-0.027605	0.006775
	0.020280	-0.024316	0.015114	0.020450	0.016647	0.024586
	-0.000802	-0.018670	0.006309	-0.008600	-0.012470	0.009076
	0.002926					
x109	-0.020622	0.003576	-0.002370	-0.003014	0.011151	0.005679
	-0.010108	0.007110	-0.007994	-0.019072	-0.008185	0.000183
	0.008017	-0.016969	0.012051	0.003117	0.017834	0.017636
	-0.007754	-0.000958	0.010310	0.023821	0.015276	-0.006391
	0.006272	0.008876	0.013890	-0.001834	0.000158	0.016562
	-0.021006					

y109	-0.013182	0.005972	-0.014546	0.012139	0.011295	-0.012562
	-0.017237	0.004639	0.005107	0.020323	0.015708	0.022059
	0.010726	0.009327	0.001707	-0.034943	-0.001020	-0.015736
	0.041177	0.008025	-0.011601	0.006594	0.014198	0.002175
	0.010358	-0.018819	0.012128	-0.026782	-0.007870	0.031254
	-0.026604					
z109	0.039051	0.001913	-0.009648	-0.007554	-0.009529	0.001434
	0.010185	0.021769	-0.005382	0.012277	0.015404	0.016102
	-0.012615	0.012230	-0.010797	-0.012105	-0.035182	0.001817
	0.008574	0.005816	-0.021936	0.010852	0.020267	0.021258
	0.010998	-0.015076	0.009746	-0.011995	-0.004858	0.000417
	-0.006505					
x110	-0.022494	0.001594	0.000096	-0.003953	0.003059	0.001661
	-0.009028	0.003899	-0.001419	-0.023008	-0.016831	-0.007925
	0.005951	-0.020282	0.005987	0.010550	0.029280	0.011419
	-0.019897	0.008953	0.014099	0.005582	-0.004564	-0.010094
	0.003062	0.004337	-0.002236	0.007124	-0.006197	0.013060
	-0.009896					
y110	-0.015916	0.001206	-0.012867	0.010582	0.007355	-0.005215
	-0.012360	0.003886	0.008286	0.013372	0.018255	0.017637
	0.006580	0.012369	0.008904	-0.027424	-0.010316	-0.018582
	0.031212	0.017740	-0.017462	0.005021	0.012530	0.001699
	0.007820	-0.021985	0.014937	-0.028776	-0.009239	0.025728
	-0.028849					
z110	0.031755	-0.006912	-0.012179	-0.007215	-0.012268	0.008997
	0.010068	0.021145	-0.005225	0.003518	0.011037	0.007640
	-0.009134	0.006833	-0.012312	-0.003083	-0.033682	-0.000590
	-0.002317	0.022649	-0.018773	0.008977	0.015462	0.019872
	0.013401	-0.008361	0.008459	-0.010389	-0.002151	0.006668
	-0.003582					
x111	-0.025844	0.008279	0.008868	-0.001792	0.015166	0.005998
	-0.013107	-0.005060	-0.001748	-0.008079	-0.009922	-0.022153
	-0.005770	-0.021671	-0.001040	0.015748	-0.005660	-0.001656
	-0.008181	0.012978	0.009934	-0.002389	-0.009373	0.001023
	0.001835	0.011277	-0.011416	0.006478	-0.003530	0.002857
	0.003121					
y111	-0.016256	0.002927	-0.017736	0.010807	-0.001881	-0.004619
	-0.009708	0.012390	0.005994	-0.000226	0.014190	0.020260
	0.006209	0.023739	0.011867	-0.022042	-0.009392	-0.009965
	0.033954	0.013447	-0.003618	-0.002357	0.017074	-0.007385
	0.003669	-0.022404	0.013495	-0.024848	-0.006933	0.026498
	-0.027810					

z111	0.028811	-0.010247	-0.012738	-0.006353	-0.012380	0.009867
	0.012009	0.017864	-0.010963	-0.006075	0.017441	0.007987
	-0.008676	0.007709	-0.014528	-0.002192	-0.032619	-0.009542
	-0.009145	0.018894	-0.013393	-0.003559	0.013300	0.011346
	0.011332	-0.003024	0.012262	-0.007564	0.007506	0.009350
	0.000663					
x112	-0.023758	0.013518	0.011084	0.002913	0.013947	0.000786
	-0.014878	-0.012637	-0.000771	0.000175	-0.011727	-0.014515
	-0.005758	-0.019868	0.001977	0.012286	-0.006075	-0.001784
	-0.008138	0.005270	0.005498	0.007250	-0.017705	-0.002295
	-0.005701	0.019141	-0.019896	0.009953	-0.007878	-0.002610
	0.005021					
y112	-0.015610	-0.002046	-0.019139	0.012578	-0.010479	-0.004444
	-0.005540	0.023276	0.009697	0.002306	0.006950	0.018890
	0.000344	0.028900	0.009491	-0.010340	-0.020361	-0.006256
	0.025859	0.009387	-0.011885	0.003436	0.014644	-0.007836
	-0.005241	-0.011054	0.007397	-0.013111	0.001681	0.025604
	-0.018458					
z112	0.028323	-0.009928	-0.007819	-0.007838	-0.016532	0.003134
	0.014769	0.007304	-0.008263	-0.007730	0.015484	0.012378
	0.005391	0.009578	-0.008643	0.002968	-0.011612	0.001942
	-0.004220	0.008563	-0.006372	-0.004973	0.005604	-0.000583
	0.000154	-0.007688	0.010761	-0.000295	0.007468	0.000953
	0.007814					
x113	-0.022943	0.016202	0.012012	0.002283	0.015600	-0.000242
	-0.014500	-0.019975	-0.003599	0.002285	-0.013474	-0.011132
	-0.007808	-0.020379	0.004794	0.009216	-0.001714	-0.002868
	-0.004240	0.000086	0.001610	0.007573	-0.019347	0.000534
	-0.006282	0.027260	-0.023812	0.008817	-0.019635	-0.004636
	0.007117					
y113	-0.016560	-0.004960	-0.020629	0.015448	-0.012596	-0.005037
	-0.003489	0.031548	0.012591	0.000127	0.004009	0.013957
	0.002831	0.021165	0.008237	-0.012684	-0.031364	-0.013779
	0.011487	0.006440	-0.015848	0.005086	0.013492	-0.015264
	-0.005768	-0.007505	-0.002897	-0.011033	0.000723	0.021643
	-0.018952					
z113	0.024709	-0.008132	-0.002565	-0.010874	-0.014790	0.004036
	0.012116	0.004685	-0.006936	-0.007658	0.011741	0.010257
	0.009460	0.006778	-0.006093	0.003792	-0.003108	0.010271
	0.003977	0.009188	-0.000067	-0.003529	0.002879	-0.005468
	0.000265	-0.005375	0.002750	-0.001286	0.003481	-0.001958
	0.009503					

x114	-0.022676	0.016190	0.015210	0.002891	0.021845	-0.001052
	-0.017046	-0.028312	-0.007888	0.002154	-0.011979	-0.005933
	-0.010036	-0.025734	0.005664	0.005980	0.003002	-0.005826
	-0.010382	0.001023	-0.002615	0.015223	-0.028433	0.003068
	-0.004775	0.039685	-0.021243	0.008735	-0.022244	-0.011204
	0.000440					
y114	-0.017453	-0.008001	-0.022198	0.015251	-0.014443	-0.004829
	0.002573	0.026638	0.012252	0.003582	-0.010088	0.009819
	-0.000171	0.020114	0.015941	-0.022585	-0.034925	-0.015421
	0.011420	-0.001418	-0.013310	-0.006432	0.017691	-0.007066
	-0.010971	-0.009981	-0.009790	-0.008325	0.008025	0.017922
	-0.004782					
z114	0.020052	-0.008594	0.000685	-0.012405	-0.011990	0.005855
	0.010402	0.000693	-0.006947	-0.006821	0.002902	0.007289
	0.013307	0.002304	-0.000234	-0.003064	0.008598	0.013477
	0.014954	0.013682	0.008317	-0.006756	-0.003870	-0.001358
	0.002649	-0.006163	0.000768	0.001270	0.004705	-0.003629
	0.010760					
x115	-0.019885	0.016502	0.017142	0.004270	0.031202	-0.004526
	-0.019277	-0.034015	-0.006971	-0.001186	-0.004543	0.005958
	-0.002613	-0.027700	0.006758	0.005376	-0.000067	-0.010445
	-0.016495	-0.006315	-0.009570	0.018631	-0.028863	0.006598
	-0.004548	0.036904	-0.017136	0.015290	-0.016978	-0.023183
	-0.010960					
y115	-0.019776	-0.011724	-0.019894	0.014540	-0.016090	-0.007312
	0.007683	0.008970	0.004389	0.012133	-0.025402	0.005341
	-0.013990	0.015196	0.021058	-0.031033	-0.025648	-0.012527
	0.006141	-0.003991	-0.010276	-0.013565	0.019733	0.001038
	-0.017778	-0.000895	-0.015750	-0.010523	0.013401	0.006951
	0.009980					
z115	0.014583	-0.006533	0.004812	-0.010968	-0.009264	0.002705
	0.003284	0.000256	-0.004472	-0.002078	0.000813	0.009152
	0.019853	-0.005425	-0.000854	-0.014647	0.021344	0.008945
	0.020261	0.020215	0.014765	-0.005401	-0.010731	-0.011084
	0.010691	-0.012762	-0.010322	-0.000349	-0.003967	-0.013499
	-0.003773					
x116	-0.016754	0.018456	0.013506	0.007115	0.036163	-0.009530
	-0.020558	-0.034044	-0.003658	-0.008701	0.000373	0.015945
	0.008178	-0.019409	-0.000777	0.015164	-0.003909	-0.015660
	-0.019052	-0.013441	-0.025139	0.016093	-0.018780	0.021628
	-0.014111	0.031085	-0.004305	0.029396	-0.013844	-0.030039
	-0.018829					

y116	-0.020021	-0.008947	-0.013603	0.013278	-0.009357	-0.011256
	0.008169	-0.005439	0.000157	0.017458	-0.023134	0.001384
	-0.014660	-0.005559	0.021889	-0.030656	-0.020745	-0.008474
	-0.013339	-0.004655	-0.006272	-0.000708	0.016298	-0.016977
	-0.011355	0.006036	-0.030318	-0.016321	-0.000288	-0.015811
	0.015601					
z116	0.008642	-0.000034	0.006655	-0.009131	-0.003300	-0.003528
	-0.004053	0.004052	-0.003481	0.003417	-0.002146	0.011441
	0.019372	0.000959	-0.004565	-0.020864	0.034204	0.001921
	0.020872	0.016767	0.014045	-0.006634	-0.010752	0.001963
	0.002129	-0.009197	-0.009496	0.007365	0.000349	-0.023813
	-0.019122					
x117	-0.013698	0.019855	0.010090	0.006664	0.031304	-0.015889
	-0.025407	-0.028057	-0.003822	-0.010769	0.004031	0.010880
	0.014659	-0.008124	-0.012640	0.019013	-0.004850	-0.012635
	-0.029716	-0.010178	-0.039252	0.022387	-0.015336	0.015975
	-0.019666	0.031677	-0.011376	0.029379	-0.017672	-0.032735
	-0.017200					
y117	-0.016728	-0.002922	-0.002718	0.008105	0.005721	-0.005304
	0.009996	-0.028682	-0.003292	0.007810	-0.010754	-0.000669
	-0.026994	-0.006070	0.020141	-0.003132	-0.024073	0.004913
	-0.027062	-0.007228	-0.016233	0.003935	0.025487	0.001788
	-0.017543	0.027433	-0.010326	-0.010954	0.000348	-0.017559
	0.010726					
z117	0.006640	0.012228	0.008266	-0.010963	0.011189	-0.009989
	-0.014953	0.008128	-0.001913	-0.001201	0.007211	0.006194
	0.023192	0.009180	-0.016839	-0.005845	0.030006	-0.006704
	0.008231	0.008443	-0.000018	0.006234	-0.016288	0.024225
	-0.013523	0.003409	0.003883	0.019146	0.001079	-0.029507
	-0.036560					
x118	-0.013910	0.011767	0.006069	0.004844	0.023539	-0.016192
	-0.022442	-0.022108	0.000600	-0.002397	-0.001694	0.007658
	0.013789	-0.009210	-0.017971	0.006768	-0.012385	-0.011225
	-0.018042	-0.006416	-0.037864	0.013430	-0.015151	-0.002507
	-0.006490	0.020151	-0.025155	0.021017	-0.018715	-0.026076
	-0.012617					
y118	-0.018423	0.002548	-0.000287	0.009687	0.014609	-0.006850
	0.004436	-0.026651	0.006656	0.000994	-0.009624	0.008068
	-0.005355	-0.012726	0.004716	0.007727	-0.005260	-0.005246
	-0.019220	-0.006440	-0.024673	0.003111	0.021783	0.015937
	-0.037348	0.020961	0.002891	0.010373	-0.015595	-0.035022
	0.005051					

z118	0.007735	0.012965	0.006915	-0.010778	0.018512	-0.014615
	-0.015050	0.012547	0.005193	-0.009703	0.013225	0.015752
	0.031436	0.004898	-0.023656	-0.007288	0.020201	-0.005922
	0.004978	-0.009783	-0.006256	0.009624	-0.025193	0.013219
	-0.014768	-0.009621	0.015058	0.023191	0.020190	-0.035040
	-0.041875					
x119	-0.012874	0.005853	0.003547	0.005374	0.017665	-0.011467
	-0.010892	-0.026981	0.001838	0.003579	-0.003399	0.009054
	0.011735	-0.013282	-0.017189	0.005433	-0.013004	-0.008652
	-0.003512	-0.001998	-0.036352	0.000568	-0.012418	-0.014593
	-0.000369	0.014902	-0.020390	0.021563	-0.024893	-0.014715
	-0.002045					
y119	-0.019717	0.008251	0.000852	0.007937	0.017522	-0.012573
	-0.003768	-0.021923	0.010208	-0.003300	-0.010431	0.006587
	0.007910	-0.016797	-0.012809	0.009491	0.015461	0.003578
	-0.025542	-0.008949	-0.036272	0.011250	0.022664	-0.001276
	-0.040242	0.015053	-0.000227	0.015074	-0.026664	-0.053625
	-0.001115					
z119	0.006039	0.009146	0.005560	-0.014047	0.020623	-0.011546
	-0.005576	0.012271	0.007701	-0.012160	0.019074	0.013122
	0.020869	0.000955	-0.019538	-0.013122	0.012059	0.020243
	-0.000184	-0.016533	-0.011800	0.012151	-0.017594	-0.017580
	0.002823	-0.019818	0.007893	0.004593	0.008688	-0.021716
	-0.055203					
x120	-0.013887	0.002964	0.000349	0.005792	0.009342	-0.001529
	-0.005601	-0.031470	-0.009669	0.003844	-0.005760	0.010069
	0.002790	-0.013631	-0.002947	0.008790	0.002042	-0.006156
	-0.003583	-0.008951	-0.038056	-0.007281	-0.006738	-0.027616
	-0.018333	0.009783	-0.020833	0.020382	-0.014051	0.026216
	-0.002733					
y120	-0.016967	0.012479	0.002667	0.003560	0.019350	-0.015909
	-0.013059	-0.016875	0.008242	-0.003159	-0.011247	0.002626
	0.009090	-0.018826	-0.033116	-0.002944	0.014237	0.011518
	-0.022439	-0.000909	-0.035971	0.011757	0.027857	-0.015751
	-0.013176	0.015079	-0.009562	0.012417	-0.030353	-0.081232
	-0.001176					
z120	0.002980	0.004011	0.001677	-0.011013	0.013997	-0.006751
	0.002908	0.009158	-0.001011	-0.007876	0.015036	0.009432
	0.011639	0.005978	-0.017402	-0.023590	-0.001468	0.025811
	-0.001141	-0.009205	-0.018125	0.015988	-0.015201	-0.027540
	0.003427	-0.016255	0.005745	0.001023	0.009268	-0.013425
	-0.052811					

x121	-0.012672	0.001961	-0.002008	0.008505	0.005354	-0.004858
	-0.009791	-0.028097	-0.014974	-0.000396	-0.009291	0.007252
	-0.006277	-0.011722	-0.003623	0.010808	0.015542	0.006602
	-0.018153	-0.003071	-0.027648	-0.016066	0.006459	-0.028456
	-0.024593	0.024942	-0.026012	0.023793	-0.006933	0.001004
	0.009542					
y121	-0.016055	0.010100	0.004253	0.001428	0.025827	-0.010340
	-0.011746	-0.014226	0.002416	0.003429	-0.014933	0.002098
	-0.002615	-0.012397	-0.031832	-0.018774	-0.001098	0.015098
	-0.022634	0.002497	-0.034682	-0.001670	0.035001	-0.006955
	-0.008220	0.027504	-0.015686	0.017020	-0.011841	-0.086246
	0.000437					
z121	-0.001828	0.001161	-0.001651	-0.007015	0.007200	-0.002475
	0.009642	0.002168	-0.009870	-0.004177	0.007838	0.010858
	0.011760	0.014946	-0.018163	-0.025531	-0.008687	0.016919
	0.003240	-0.004740	-0.027796	0.012129	-0.016237	-0.012545
	-0.000450	-0.019363	0.012360	-0.000911	0.016558	-0.008347
	-0.040116					
x122	-0.009047	0.001039	-0.001205	0.005263	0.013810	-0.005103
	-0.014606	-0.012685	0.000128	-0.001417	-0.002605	-0.010549
	-0.016938	-0.021388	-0.011396	0.005852	0.017497	0.014792
	-0.009466	0.015227	-0.006889	-0.010127	0.005185	-0.017297
	-0.011591	0.020870	-0.019030	0.027872	-0.004558	-0.025000
	0.019314					
y122	-0.016386	0.005989	0.000364	0.000048	0.030764	-0.006421
	-0.010573	-0.018520	0.004033	0.003086	-0.010842	-0.000612
	-0.008300	-0.018692	-0.035052	-0.018345	0.000975	0.017671
	-0.020922	0.003471	-0.033425	-0.005920	0.029207	-0.009278
	-0.016639	0.035327	-0.020987	0.023835	-0.011613	-0.075694
	0.001763					
z122	-0.003007	0.002915	-0.006000	-0.002909	0.003197	-0.003949
	0.007625	0.003927	-0.011455	-0.002876	0.010969	0.005373
	0.011081	0.017129	-0.026093	-0.023692	-0.010711	0.009502
	0.005842	0.003893	-0.026907	0.008489	-0.017692	-0.010177
	0.013102	-0.028274	0.012294	-0.005326	0.008690	0.003400
	-0.040526					
x123	-0.010077	0.000743	0.000313	0.003627	0.011448	-0.001213
	-0.007745	-0.007498	-0.000488	-0.001953	-0.007547	0.001116
	-0.012911	-0.019506	-0.008171	0.007007	0.005112	0.008935
	-0.013716	0.017642	-0.013828	-0.012368	0.012787	-0.008683
	-0.008847	0.022843	-0.014412	0.017922	-0.000993	-0.047314
	0.025223					

y123	-0.019031	0.003498	-0.003808	0.004645	0.025888	-0.000244
	-0.008062	-0.023989	-0.006963	0.004336	-0.012698	0.009237
	-0.001342	-0.021981	-0.028985	-0.009033	-0.005804	0.009240
	-0.032149	0.005999	-0.045865	-0.011327	0.034390	-0.011568
	-0.017013	0.038827	-0.029239	0.026356	-0.017285	-0.056944
	0.012818					
z123	-0.001404	0.004424	-0.009802	-0.000643	0.002876	-0.007512
	0.005484	0.008817	-0.005931	-0.004314	0.015649	-0.002729
	0.010273	0.019732	-0.033385	-0.025001	-0.005897	0.011400
	0.010692	0.005464	-0.016536	0.007867	-0.018102	-0.003533
	0.020365	-0.034848	0.017225	-0.004396	0.007197	0.014987
	-0.045835					
x124	-0.010088	0.000478	0.000698	0.003730	0.010153	-0.001154
	-0.004877	-0.003138	0.002294	-0.004385	-0.005024	0.006801
	-0.004368	-0.013180	-0.008403	0.004543	0.001425	0.011388
	-0.010033	0.016333	-0.012444	-0.006211	0.013048	-0.001651
	-0.005289	0.017733	-0.002488	0.004943	0.001811	-0.058817
	0.019409					
y124	-0.019551	0.001606	-0.007692	0.005009	0.024881	0.004202
	-0.007448	-0.022861	-0.009872	0.005259	-0.006531	0.007944
	-0.002297	-0.026463	-0.026953	-0.006232	-0.005066	0.006865
	-0.032951	0.006270	-0.042456	-0.009888	0.029811	-0.009342
	-0.013351	0.037485	-0.030884	0.030155	-0.011896	-0.040970
	0.029988					
z124	-0.000604	0.005680	-0.013060	0.004441	0.000972	-0.009001
	0.002105	0.008928	-0.009322	-0.004319	0.016416	-0.004122
	0.014917	0.027933	-0.031507	-0.022994	-0.007013	0.007904
	0.015111	-0.001385	-0.018803	-0.001499	-0.008773	0.001683
	0.016587	-0.037813	0.020086	-0.003346	0.006528	0.017427
	-0.045613					
x125	-0.007132	0.002128	0.000425	-0.001353	0.008769	-0.003128
	0.001083	0.001386	0.009035	-0.002984	-0.008972	0.007974
	-0.004219	-0.011312	-0.013100	-0.000478	-0.001921	0.013665
	-0.009948	0.021609	-0.015298	-0.003027	0.016268	0.003508
	0.001016	0.013474	0.006793	0.003972	0.001148	-0.061756
	0.004051					
y125	-0.020864	-0.000224	-0.010226	0.004081	0.024392	0.006505
	-0.008757	-0.020199	-0.010503	0.002924	-0.004251	0.006912
	-0.003377	-0.028754	-0.019975	-0.001909	-0.000916	0.005014
	-0.030557	0.005790	-0.044074	-0.009968	0.023069	-0.007585
	-0.005158	0.028856	-0.023271	0.026854	-0.001046	-0.030870
	0.038742					

z125	0.001102	0.007239	-0.015725	0.007229	0.000029	-0.009378
	-0.000639	0.008550	-0.012903	-0.004442	0.013793	-0.004138
	0.019770	0.028159	-0.032361	-0.019021	-0.008222	0.002954
	0.011080	-0.004440	-0.021298	-0.011853	0.000837	0.001988
	0.014443	-0.035197	0.015440	0.002817	-0.001988	0.010715
	-0.039184					
x126	-0.002911	0.004185	-0.001429	-0.006791	0.006823	-0.006877
	0.004353	0.005414	0.011962	0.001632	-0.014392	0.004929
	-0.009839	-0.011258	-0.017200	-0.008134	0.000010	0.014353
	-0.006166	0.025328	-0.023861	-0.009357	0.011856	0.001329
	0.003481	0.006191	0.007272	0.006956	0.000696	-0.060581
	-0.012179					
y126	-0.023718	-0.002178	-0.011577	0.006646	0.023501	0.008492
	-0.007663	-0.020684	-0.011759	0.000096	0.000266	0.009138
	0.004293	-0.026336	-0.014221	0.002275	-0.003215	0.002588
	-0.028595	0.005042	-0.041272	-0.005364	0.020771	-0.001319
	-0.001531	0.023194	-0.014580	0.021212	0.005330	-0.019236
	0.041769					
z126	0.005379	0.008705	-0.019012	0.004312	0.002910	-0.014245
	-0.004684	0.010640	-0.003477	-0.009990	0.012308	-0.015744
	0.010445	0.024118	-0.037953	-0.019661	0.002082	0.009520
	0.009991	0.000960	-0.017353	-0.022134	0.005010	0.005959
	0.019880	-0.029360	0.022948	0.006906	0.002528	-0.010130
	-0.028231					
x127	0.003803	0.004748	-0.004492	-0.010100	0.001477	-0.010892
	0.002796	0.003063	0.000528	0.004992	-0.014189	0.005656
	-0.005527	-0.012802	-0.010513	-0.011904	-0.010177	0.010474
	-0.006470	0.022597	-0.025000	-0.012131	0.001745	-0.004798
	0.007583	-0.002811	0.002228	-0.003061	-0.007354	-0.049359
	-0.023199					
y127	-0.027164	-0.005162	-0.012154	0.009675	0.024634	0.007106
	-0.009010	-0.018661	-0.009792	-0.002476	0.004534	0.009081
	0.015134	-0.019681	-0.013138	0.002088	-0.004381	0.001857
	-0.020939	0.006261	-0.032343	-0.000301	0.017792	0.007733
	-0.001154	0.021516	-0.002005	0.019093	0.008370	-0.017271
	0.040375					
z127	0.004558	0.008255	-0.022879	0.004150	0.002655	-0.011878
	0.000462	0.013261	0.003761	-0.012967	0.008017	-0.021282
	0.008537	0.019890	-0.036654	-0.018691	0.008592	0.009422
	0.002368	0.007587	-0.018154	-0.029723	0.012371	0.008460
	0.018885	-0.027450	0.024404	-0.000281	0.005987	-0.021393
	-0.020533					

x128	0.018323	0.027042	-0.006730	-0.003165	0.027619	-0.004681
	-0.025087	-0.011008	-0.016666	-0.010776	-0.021947	-0.007501
	0.018238	0.011561	-0.002401	0.023800	-0.002436	0.016772
	-0.010475	-0.010455	-0.031103	-0.049228	0.031775	0.007212
	0.012799	-0.020448	0.015086	0.023870	-0.004698	-0.010397
	-0.005922					
y128	-0.031696	-0.009511	-0.009429	0.016738	0.024850	-0.004462
	-0.009764	-0.014984	-0.011085	0.000617	0.018656	0.011284
	0.012007	-0.012094	-0.011018	-0.003042	-0.002281	0.005166
	0.001511	0.005641	-0.035828	-0.013467	0.005266	-0.004512
	-0.008994	0.020841	-0.020932	0.023899	-0.001596	-0.028359
	0.044238					
z128	0.006487	0.003601	-0.024084	-0.005664	0.001574	-0.009695
	0.011508	0.011540	0.006383	-0.018842	0.025942	-0.004440
	0.005905	0.011963	-0.038458	-0.003423	-0.002733	0.014852
	-0.010971	0.015428	-0.010817	-0.015397	0.015612	0.003537
	0.019557	-0.033459	0.037333	-0.012035	-0.016970	-0.005691
	-0.040633					
x129	0.033281	0.016886	-0.016128	-0.016657	-0.007750	-0.005573
	-0.038530	-0.016744	-0.050574	-0.003768	0.008301	-0.046541
	0.039716	0.004153	-0.002634	0.037775	-0.002300	-0.022765
	-0.005885	-0.038927	-0.050996	-0.038768	0.029393	0.013271
	-0.000490	-0.042265	0.039003	-0.022364	-0.054738	-0.040748
	0.006595					
y129	-0.038258	-0.020024	-0.003045	0.011520	0.015611	0.001381
	-0.012345	-0.013399	-0.026093	0.020541	0.011729	0.008953
	0.022639	-0.014334	-0.015586	0.003153	-0.020102	-0.011860
	0.008911	-0.002960	-0.023568	-0.020599	-0.002285	-0.011896
	-0.029635	0.010972	0.009546	-0.003768	-0.037187	0.015252
	0.014491					
z129	0.004982	0.002870	-0.039558	0.003416	0.007732	-0.016022
	0.022932	0.001915	0.006595	-0.031080	0.026728	0.002382
	0.017956	0.025031	-0.035329	0.014773	-0.025910	0.031865
	0.003938	0.033094	0.008667	-0.037845	0.027290	0.021560
	0.020301	-0.031952	0.019361	0.006012	-0.020765	-0.022720
	-0.028236					
x130	0.027008	0.021886	-0.001978	-0.011651	-0.004650	-0.000022
	-0.003517	0.006757	-0.008165	-0.005159	-0.008735	-0.018605
	0.018157	-0.005972	0.016522	0.016063	0.017635	-0.015269
	-0.021708	-0.017690	-0.010413	-0.014445	0.000058	-0.000080
	-0.021977	0.003844	0.017757	0.010664	-0.012351	-0.020988
	-0.010648					

y130	-0.036454	-0.017395	-0.000070	0.012027	0.021685	0.003804
	0.009901	0.001391	-0.015657	0.011910	0.008385	0.022874
	0.018585	0.005983	-0.000566	-0.010048	-0.012732	-0.016476
	0.004851	0.013627	0.001221	-0.035434	-0.028200	0.002851
	-0.049161	0.005576	0.006958	0.018122	-0.020648	0.027332
	0.007111					
z130	0.002956	-0.009744	-0.011499	-0.009303	0.000274	-0.012651
	0.021827	-0.012379	0.019722	0.009877	0.022403	0.025152
	0.003488	0.010771	-0.016869	0.002076	-0.009105	0.026895
	0.020098	-0.000995	0.016752	0.007876	0.015998	0.006271
	0.008303	-0.014756	-0.038035	-0.038720	-0.012150	-0.049931
	-0.005497					
x131	0.022793	0.018143	-0.003697	-0.001660	-0.005249	0.009503
	0.007757	-0.000665	-0.006266	-0.007540	-0.009222	-0.029079
	0.005786	-0.011092	-0.011272	0.030001	0.031317	-0.011350
	-0.028326	0.005526	-0.013530	-0.024753	-0.032994	-0.007750
	-0.006580	0.026012	0.021805	0.023500	0.004298	0.012315
	-0.009266					
y131	-0.031349	-0.008145	-0.001147	0.010746	0.022982	0.004706
	0.007973	0.004490	-0.017527	0.006912	0.011843	0.023120
	0.030619	0.015621	0.006740	-0.020152	-0.022986	-0.037738
	0.007364	0.007929	0.011163	-0.028403	-0.019282	0.026882
	-0.050769	-0.000325	0.024454	0.040255	-0.023353	0.020068
	0.023844					
z131	0.002396	-0.006144	-0.014586	-0.002013	0.001965	-0.004338
	0.031977	-0.025976	0.018666	-0.005264	0.014969	0.016758
	0.006186	-0.001452	-0.023443	0.000628	0.011567	0.021225
	0.009571	0.021182	0.020592	-0.000814	-0.004991	0.024136
	0.015783	-0.007098	-0.010883	-0.007001	-0.014982	-0.029437
	0.007969					
x132	0.021364	0.023143	-0.000708	0.000282	-0.006675	0.010542
	0.005577	0.008689	0.005767	-0.005956	-0.005294	-0.036923
	0.014482	0.008908	0.013079	0.021515	0.022231	-0.010181
	-0.026413	-0.011832	-0.021293	-0.012496	-0.003478	-0.002687
	-0.024335	0.017074	0.019407	0.021045	-0.000929	0.005376
	-0.013928					
y132	-0.028516	-0.010779	0.001789	0.007116	0.021624	-0.003982
	-0.004448	-0.003963	-0.023791	0.006145	0.012220	0.043932
	0.020863	0.014862	-0.007993	-0.027656	-0.033045	-0.043995
	0.026098	-0.001920	0.022105	-0.043094	-0.024046	0.015681
	-0.040250	-0.000635	0.003427	0.039451	-0.015275	0.018796
	0.038581					

z132	0.006639	-0.004614	-0.009758	-0.004862	-0.007200	0.001809
	0.028494	0.000599	0.021686	-0.009829	0.023189	0.035574
	0.009189	0.012754	-0.023008	0.000003	-0.008079	0.025622
	0.021540	-0.006188	0.022401	0.003468	0.016111	0.007779
	0.013644	-0.003193	-0.029480	-0.010197	-0.011778	-0.015635
	0.011333					
x133	0.015758	0.024747	0.006770	-0.008653	0.012780	0.009433
	-0.009578	-0.011958	-0.020016	0.000984	-0.017168	-0.023367
	0.005127	0.002084	0.024708	-0.004253	0.042462	0.006818
	-0.027271	-0.012778	0.014739	0.009234	-0.001228	0.011105
	-0.022614	0.023902	0.016853	0.004538	-0.003410	-0.012205
	-0.014711					
y133	-0.032456	-0.014184	-0.001762	0.012494	0.015125	-0.002849
	-0.005060	-0.001006	-0.018101	-0.000935	0.017705	0.025925
	0.012752	0.011989	-0.027904	-0.008857	-0.031960	-0.034424
	0.018234	0.021790	0.001461	-0.030795	-0.034604	0.008503
	-0.039043	0.002102	0.005329	0.036850	-0.015100	0.027534
	0.037928					
z133	0.005169	-0.005547	-0.011365	-0.006973	-0.004987	0.006103
	0.025433	0.001508	0.016691	-0.024120	0.021850	0.031455
	0.000711	0.009475	-0.029456	-0.001644	-0.002100	0.035747
	0.018671	0.000930	0.031341	0.016528	0.015970	0.008251
	0.017506	0.000119	-0.029718	-0.015459	-0.009752	-0.008524
	0.015742					
x134	0.018940	0.020592	0.003481	-0.005532	0.006285	0.005130
	-0.009531	0.001708	-0.008522	0.005896	-0.012105	-0.030512
	0.010345	0.001494	0.029840	0.010818	0.007702	-0.004956
	-0.026273	-0.009890	0.017553	0.005447	0.003875	0.010210
	-0.019085	0.011292	0.019710	0.015096	0.010239	0.005426
	-0.013742					
y134	-0.034283	-0.010696	0.011306	0.014896	0.023198	-0.002792
	-0.012034	-0.015635	-0.016743	0.017222	0.009742	0.043559
	0.007743	0.000116	-0.026917	-0.016883	-0.024677	-0.030127
	0.031457	0.007154	-0.012073	-0.009786	-0.039943	0.025699
	-0.032324	0.020131	0.038293	0.022633	-0.037685	0.019952
	0.030478					
z134	0.010607	-0.009839	-0.014715	-0.004559	-0.011844	0.002498
	0.032722	-0.002660	0.026958	-0.021090	0.021048	0.010860
	0.017169	0.002879	-0.022912	0.005700	-0.021221	0.013538
	0.016801	0.013631	0.014051	0.015411	0.014729	0.019155
	0.017445	-0.008453	-0.023504	-0.005577	-0.016578	0.009987
	0.031075					

x135	0.017045	0.020021	0.001740	0.005914	0.003222	0.007617
	-0.017258	-0.005246	-0.026924	0.007427	-0.010198	-0.019393
	0.025842	0.009707	0.018268	0.009196	-0.013718	-0.019180
	-0.031062	-0.029178	0.018966	0.000569	0.006203	0.012786
	-0.018546	0.016566	0.011455	-0.008361	-0.002217	0.006932
	-0.005668					
y135	-0.030264	-0.006643	-0.002963	0.005777	0.028402	-0.001695
	-0.008026	-0.011063	-0.013730	0.000433	-0.007870	0.014663
	0.005341	-0.013270	-0.013779	-0.021164	-0.010354	-0.036746
	0.011903	0.003425	0.011268	-0.041084	-0.024116	0.024809
	-0.024126	0.001932	0.049740	0.016775	-0.015595	0.007234
	0.012454					
z135	0.014095	-0.009629	-0.023014	-0.009725	-0.009495	0.006831
	0.041737	0.005059	0.025634	-0.026674	0.001518	-0.012411
	0.014396	-0.019414	-0.018889	0.004555	-0.021849	0.008205
	-0.013701	0.002055	0.025040	-0.005461	0.017566	0.015005
	0.025314	-0.019077	-0.015286	-0.023153	-0.003599	0.019393
	0.034867					
x136	0.014990	0.020055	0.003012	0.002273	0.009561	0.005718
	-0.026033	-0.002989	-0.023870	0.002846	-0.005017	-0.030569
	0.007476	0.012870	0.010840	0.003124	0.003668	-0.002258
	-0.024242	-0.018080	0.023677	0.016889	0.003955	0.014932
	-0.016258	0.018950	0.008008	-0.009415	0.005341	-0.000931
	-0.009370					
y136	-0.024040	0.001970	0.004652	-0.010252	0.034204	-0.011844
	-0.005332	0.005894	-0.003126	0.024924	-0.017879	0.023533
	0.010714	-0.005524	0.008811	-0.027837	-0.007473	-0.025902
	0.035765	-0.001273	-0.032089	-0.031153	0.000776	0.029559
	-0.024943	-0.013350	0.037834	0.039576	-0.002400	-0.019616
	-0.002846					
z136	0.010204	-0.003415	-0.009244	-0.009249	0.006539	0.005034
	0.031691	0.002732	0.022805	-0.006671	0.009045	0.001773
	0.002593	-0.015152	-0.025334	-0.012402	-0.004303	0.038030
	0.014685	-0.011390	0.030327	0.023701	0.012455	0.023410
	0.022409	-0.003087	-0.007799	-0.023771	-0.002779	0.006779
	0.030835					
x137	0.014867	0.024222	0.004366	-0.001220	0.013091	-0.000859
	-0.027095	0.001188	-0.019157	0.013760	-0.012948	-0.033592
	0.008443	0.014298	0.028740	0.005937	-0.000278	0.003115
	-0.017088	-0.010433	-0.000473	0.024973	0.017122	0.024004
	-0.021896	0.023483	0.019949	-0.005014	0.004463	-0.017050
	-0.033030					

y137	-0.031699	-0.003116	-0.008288	-0.002406	0.025954	-0.010336
	-0.014253	0.015963	-0.013877	-0.008452	-0.000507	0.027314
	-0.009721	0.003338	-0.016783	0.002215	-0.015138	-0.018568
	0.030584	0.007587	-0.031896	-0.025020	0.004467	0.019149
	-0.017633	0.000762	0.037909	0.040371	0.006907	-0.005910
	-0.012190					
z137	0.005440	-0.003687	-0.009157	-0.000619	0.000820	0.009947
	0.031340	0.014124	0.020209	-0.014551	0.026944	0.003842
	0.005871	0.006588	-0.030096	0.003708	-0.022499	0.032258
	0.019623	-0.006060	0.013813	0.025366	0.011543	0.027677
	0.003642	0.006403	0.000792	-0.015759	-0.012232	0.018109
	0.024343					
x138	0.015824	0.029289	0.006941	-0.001258	0.020047	-0.009867
	-0.040305	-0.002594	-0.020664	0.019441	-0.008437	-0.026439
	-0.000034	0.016235	0.022137	0.013149	0.014086	-0.013390
	-0.014223	-0.019586	0.018102	0.014691	0.018132	0.025977
	-0.019277	0.019826	0.031312	0.008551	0.003717	-0.021667
	-0.021042					
y138	-0.034918	-0.010436	-0.002099	-0.006486	0.020876	-0.011206
	-0.022628	0.016287	-0.012761	-0.007006	-0.009599	0.024170
	-0.015996	-0.002195	0.015391	-0.001867	-0.012459	-0.006675
	0.021964	0.011689	-0.061188	-0.008708	0.010155	-0.002511
	-0.000412	-0.015837	0.022313	0.013436	0.005774	-0.029200
	-0.038536					
z138	0.006587	-0.001998	-0.003265	-0.003160	0.008377	0.013748
	0.017276	0.009364	0.015744	-0.019050	0.020120	-0.003329
	-0.005409	0.001968	-0.004558	-0.005304	-0.011390	0.031493
	0.017450	-0.012562	0.026686	0.020859	0.004271	0.019455
	0.009458	-0.011679	-0.002617	-0.029096	0.004262	0.011661
	0.003130					
x139	0.017254	0.032704	0.003309	-0.001097	0.021969	-0.017460
	-0.039567	-0.009040	-0.022755	0.019266	-0.007926	-0.025441
	-0.002928	0.015677	0.014707	0.005473	0.023132	-0.017606
	-0.012905	-0.024292	0.033557	0.008779	0.020601	0.023799
	-0.014922	0.017187	0.024009	0.006423	0.009863	-0.010014
	-0.015881					
y139	-0.031289	-0.013747	-0.007629	-0.005819	0.000458	-0.021158
	-0.011746	0.011372	-0.013051	-0.008976	-0.002861	0.031419
	-0.000055	0.003634	0.016656	0.001644	0.004018	0.000841
	0.001058	0.011869	-0.059680	0.003463	0.010444	-0.006601
	-0.014796	-0.009320	0.017012	0.018308	-0.015147	-0.015797
	-0.024405					

z139	0.005419	-0.007741	0.000258	0.003690	0.003728	0.008134
	0.010256	-0.007333	0.012944	-0.020458	0.003937	-0.013095
	0.003046	-0.011534	0.039739	0.008716	0.009624	0.022035
	-0.002484	-0.003825	0.008774	-0.003173	-0.002732	-0.009685
	0.005600	-0.037535	0.002754	-0.035261	-0.003490	-0.012261
	-0.004746					
x140	0.017761	0.031263	0.001455	0.004504	0.017076	-0.021403
	-0.037894	-0.011286	-0.017738	0.022799	0.008471	-0.024319
	0.002289	0.026766	-0.002756	0.013540	0.027613	-0.002753
	0.003630	-0.029974	0.040265	0.011430	0.019084	0.030978
	-0.023244	0.016983	0.017481	0.005557	-0.016174	0.016987
	-0.020332					
y140	-0.031353	-0.009021	-0.005654	-0.008235	0.006703	-0.015735
	-0.003830	-0.009990	-0.025080	0.004792	0.001799	0.027215
	0.007087	0.000644	0.003982	-0.029007	0.002200	-0.004762
	-0.009776	0.014835	-0.023658	0.020980	0.002497	0.011273
	-0.021197	0.011229	0.011395	0.016688	-0.010149	-0.014675
	-0.005681					
z140	0.011464	-0.007226	-0.004335	0.003813	-0.011243	0.009829
	0.018163	0.005954	0.022522	-0.025854	0.003708	-0.016811
	0.006979	-0.008230	0.022527	0.028686	0.009312	0.027672
	-0.012400	-0.001253	-0.000236	-0.008398	0.010803	-0.005175
	-0.001866	-0.036678	0.005128	-0.028109	-0.013326	0.004539
	-0.008603					
x141	0.017624	0.030538	0.003909	-0.001720	0.017404	-0.021889
	-0.039313	-0.008913	-0.015864	0.031443	0.004352	-0.017930
	-0.010901	0.021445	-0.004477	0.014419	0.024996	-0.003359
	0.005388	-0.024239	0.027322	0.007264	0.018997	0.019785
	-0.019723	0.010880	0.013139	-0.002265	-0.007972	0.005827
	-0.009545					
y141	-0.032372	-0.008127	-0.006152	-0.002004	0.012522	-0.016714
	-0.019402	-0.005555	-0.028850	-0.003253	0.003813	0.009716
	0.000124	0.001877	0.019271	-0.024091	-0.008060	-0.016675
	-0.009017	0.012579	-0.036079	0.005377	-0.000006	0.000754
	-0.002992	0.000557	0.014878	0.007590	0.017625	-0.035409
	-0.004124					
z141	0.013929	-0.010598	-0.004082	-0.008016	-0.018104	0.014383
	0.029170	0.014456	0.019145	-0.014092	-0.004552	-0.013247
	0.000866	-0.014434	0.013262	0.017223	-0.007041	0.029083
	-0.023933	0.009724	-0.012474	-0.000793	0.007720	-0.018264
	-0.002041	-0.025430	-0.013038	-0.031213	-0.004559	-0.000381
	-0.013576					

x142	0.022439	0.030447	0.002602	-0.014646	0.014475	-0.023347
	-0.033020	-0.012731	-0.011966	0.039782	-0.019054	-0.015836
	-0.032477	-0.000573	-0.004004	0.007156	0.021633	-0.021352
	-0.008634	-0.011766	-0.000755	-0.008428	0.016534	-0.006937
	-0.006625	-0.005340	0.010041	-0.009298	0.018519	-0.023103
	-0.000402					
y142	-0.035589	-0.004328	0.000449	0.004520	0.017536	-0.014686
	-0.030172	-0.004587	-0.033657	0.000459	0.020580	0.018921
	0.001097	0.011074	0.012270	-0.027280	-0.012829	-0.010257
	0.001782	-0.000453	-0.013911	0.020223	0.004744	0.008230
	0.002130	0.014154	0.009880	0.007066	0.013197	-0.020737
	0.001436					
z142	0.013187	-0.006361	0.003447	-0.008856	-0.010091	0.018651
	0.022721	0.004530	0.008958	-0.006280	-0.015481	-0.005875
	-0.000408	-0.028379	0.021429	-0.001900	-0.014605	0.017771
	-0.034452	0.002527	-0.005750	0.008228	0.003340	-0.025830
	0.014564	-0.016736	-0.019531	-0.032251	0.007873	-0.008518
	-0.003493					
x143	0.022731	0.037772	-0.001953	-0.012150	0.015073	-0.026910
	-0.031904	-0.013421	-0.005134	0.035388	-0.013820	-0.014246
	-0.032629	0.001052	-0.017169	0.003321	0.010188	-0.037542
	-0.007335	-0.018802	-0.014295	-0.005139	0.011641	-0.005395
	0.002552	-0.001763	0.012857	0.001402	0.016365	-0.018434
	0.011725					
y143	-0.034475	-0.000707	0.002193	0.005178	0.019293	-0.017596
	-0.032687	-0.013079	-0.029319	0.002266	0.024336	0.017078
	0.005668	0.017202	0.008942	-0.011810	0.005555	-0.006712
	0.007115	0.008275	-0.003895	0.018391	0.006131	0.033426
	-0.005147	0.010319	0.016461	0.010413	-0.013893	-0.011143
	-0.000871					
z143	0.016480	0.003343	-0.001136	-0.001318	-0.011947	0.016693
	0.022662	0.008969	0.014180	-0.014450	-0.018035	-0.007523
	0.014545	-0.017564	0.009284	0.025068	-0.017786	0.004014
	-0.033869	0.000880	-0.018665	0.004342	0.014590	0.007062
	0.006623	-0.008232	0.004951	-0.003199	-0.009864	0.006137
	-0.001461					
x144	0.019815	0.034849	0.000359	-0.013964	0.011700	-0.027078
	-0.029342	-0.025626	-0.006177	0.045482	-0.014604	-0.005059
	-0.026052	-0.000359	-0.012352	0.012110	0.004957	-0.042928
	-0.008212	-0.013855	-0.023562	-0.012280	0.000591	-0.007434
	-0.000837	-0.003365	-0.000039	-0.004167	-0.002682	-0.020954
	0.023020					

y144	-0.029544	0.002681	-0.007988	0.005272	0.011846	-0.015823
	-0.034246	0.013559	-0.025194	-0.014937	0.037046	0.016990
	-0.010260	0.031976	-0.008190	-0.009596	-0.000285	0.000618
	0.014278	-0.006481	0.015661	0.001775	0.031159	0.018452
	0.002083	0.001724	0.002004	-0.000920	0.001108	0.004574
	-0.014512					
z144	0.016059	-0.000078	-0.000580	-0.004091	-0.013097	0.019234
	0.023629	-0.002500	-0.001045	-0.002365	-0.025960	0.003047
	0.014558	-0.018450	0.011850	0.008280	-0.018041	0.017576
	-0.023722	-0.003866	-0.007311	-0.009131	0.025193	-0.008086
	0.006305	-0.014216	-0.021490	-0.028957	-0.014584	0.005484
	-0.017530					
x145	0.016933	0.028786	0.000243	-0.013435	0.006244	-0.025377
	-0.025373	-0.031475	-0.005021	0.046561	-0.005082	-0.001199
	-0.034656	0.009547	-0.012996	0.000802	-0.003370	-0.035800
	0.002900	-0.017551	-0.005684	-0.032214	0.002909	-0.021674
	-0.000540	-0.010406	-0.026911	-0.027255	-0.005295	-0.001652
	-0.003367					
y145	-0.024421	0.006123	-0.004002	-0.013713	0.014016	-0.019242
	-0.032000	0.012782	-0.018580	-0.004202	0.001718	0.016958
	-0.026649	0.000971	-0.001863	-0.010357	0.012436	-0.010683
	-0.006499	0.015986	-0.027997	0.007700	0.019686	0.004376
	0.019779	-0.004373	0.007754	0.001958	0.013960	-0.031285
	-0.008064					
z145	0.013856	0.004182	0.003744	-0.002531	-0.005703	0.021465
	0.017236	-0.013880	-0.003400	0.000782	-0.017014	0.005784
	0.017920	-0.021893	0.007705	-0.013901	-0.009721	0.016861
	-0.021954	-0.012061	0.019151	0.002271	0.027298	-0.017842
	0.014700	-0.017673	-0.037300	-0.038633	-0.031104	0.010603
	-0.021350					
x146	0.016782	0.038839	-0.002463	-0.016011	0.016108	-0.023818
	-0.028342	-0.024944	-0.012771	0.033253	0.001834	0.018479
	-0.033039	0.010685	-0.017501	-0.007712	-0.001287	-0.045541
	-0.006581	-0.031517	0.012081	-0.025919	0.018213	-0.024692
	0.002757	-0.015031	-0.016369	-0.025613	-0.010852	-0.011154
	-0.004032					
y146	-0.023395	0.008137	-0.002014	-0.011065	0.019748	-0.020060
	-0.038256	0.008791	-0.019442	-0.001316	-0.001291	0.011810
	-0.025083	0.000404	0.001048	-0.010838	0.024028	-0.022420
	-0.009362	0.014015	-0.029221	0.011566	0.010244	0.012191
	0.015374	-0.005540	0.020958	0.010482	0.030150	-0.039642
	0.004967					

z146	0.017491	0.008083	0.002204	-0.003480	-0.002500	0.018347
	0.013663	-0.005748	-0.001181	-0.000423	-0.023777	0.001350
	0.018029	-0.022066	0.007892	-0.002040	-0.003814	-0.002441
	-0.028954	-0.007905	-0.002586	-0.004340	0.020240	-0.008360
	0.012103	-0.026635	-0.015654	-0.018419	-0.015815	0.002944
	-0.011693					
x147	0.018322	0.038002	-0.002422	-0.015163	0.010918	-0.020160
	-0.025888	-0.019612	-0.012156	0.033048	-0.000668	0.025656
	-0.029694	0.006262	-0.029261	-0.006128	-0.006894	-0.048366
	-0.012407	-0.043698	0.010491	-0.010498	0.020561	-0.033380
	0.002461	-0.009790	-0.021355	-0.028441	0.009832	-0.007341
	0.016629					
y147	-0.019798	0.010331	0.001267	-0.014181	0.019911	-0.015285
	-0.043200	-0.001346	-0.010076	0.002186	-0.021719	-0.002815
	-0.018972	-0.011021	-0.008796	-0.010382	0.044367	-0.022412
	-0.010965	0.010333	-0.015381	0.009047	0.013621	0.025950
	0.019391	-0.011319	0.009949	-0.002395	0.031819	-0.037564
	0.004632					
z147	0.021870	0.012314	-0.003548	-0.004857	0.005588	0.003823
	0.009837	0.005635	-0.004115	-0.002213	-0.005092	-0.005362
	-0.010150	-0.012028	0.016266	-0.017692	-0.004515	-0.007244
	-0.013363	-0.011820	-0.014184	-0.010492	0.011709	-0.018238
	0.010833	-0.010814	0.024908	-0.001280	0.007745	-0.014988
	-0.008205					
x148	0.020161	0.041746	-0.005615	-0.013666	0.018566	-0.024122
	-0.031765	-0.009532	0.000837	0.022502	0.013645	0.022885
	-0.044842	0.006271	-0.031860	-0.005462	0.011361	-0.039498
	0.004503	-0.049897	0.007752	0.004163	0.023846	-0.024226
	0.007396	-0.015205	0.003607	-0.019903	0.028200	-0.013109
	0.006152					
y148	-0.025974	0.010663	-0.002135	-0.008916	0.016957	-0.025464
	-0.034330	-0.019027	-0.023710	0.019484	0.002449	0.009927
	-0.004234	0.004424	0.003730	-0.001879	0.021014	-0.015015
	0.017427	0.021471	-0.011020	0.008843	0.002845	0.012742
	-0.003171	0.009806	0.009518	-0.008004	-0.018111	-0.027339
	-0.003190					
z148	0.027049	0.015283	0.000068	-0.014123	-0.003510	0.004700
	0.007499	0.003615	0.009985	-0.001294	-0.020631	-0.002075
	-0.011195	-0.016708	-0.001463	-0.001997	-0.007380	-0.017121
	-0.017700	-0.014292	-0.027659	-0.015422	0.013441	-0.010602
	0.012802	-0.014292	0.012618	-0.007787	-0.004081	-0.013824
	-0.010345					

x149	0.017705	0.040025	-0.007083	-0.013810	0.017064	-0.026256
	-0.023781	-0.009542	0.005505	0.030983	0.005209	0.026461
	-0.042887	0.001426	-0.029885	-0.002749	0.007884	-0.032000
	0.011605	-0.022433	0.001433	0.009521	0.014844	-0.010813
	0.005572	-0.024255	0.007067	-0.007884	0.020275	-0.009718
	0.002347					
y149	-0.023083	0.006158	-0.000916	-0.006383	0.013622	-0.024784
	-0.024772	-0.031784	-0.015498	0.031130	0.021605	-0.004914
	-0.002583	0.009638	-0.002315	0.005661	0.013855	0.003727
	0.020991	0.027609	-0.004975	0.014097	-0.018178	-0.003822
	-0.017665	0.016655	-0.010374	-0.013574	-0.020312	-0.013850
	0.004374					
z149	0.029489	0.008230	0.005320	-0.007239	-0.011534	-0.003598
	0.001434	-0.002084	0.015981	0.001672	-0.010123	-0.004789
	-0.010455	-0.013448	0.000997	0.024045	-0.010764	-0.021480
	-0.018671	-0.013695	-0.056780	-0.023440	0.002188	-0.018130
	0.012050	-0.018922	0.011214	-0.017617	-0.013037	-0.007340
	-0.006259					
x150	0.011553	0.032302	-0.008424	-0.006172	0.011075	-0.031531
	-0.017464	-0.013264	0.006413	0.044550	-0.003439	0.029145
	-0.024903	-0.004397	-0.007978	0.008417	-0.003363	-0.035553
	0.020403	-0.003617	-0.034737	-0.005379	-0.001760	-0.024494
	0.007841	-0.031239	-0.000428	-0.006072	-0.004228	-0.016617
	-0.000227					
y150	-0.018451	0.006349	0.000967	-0.006232	0.015695	-0.020924
	-0.024996	-0.034460	-0.010095	0.026505	0.030515	-0.009870
	-0.012449	0.010986	-0.012081	0.005728	0.020573	0.009740
	0.010782	0.025733	0.012044	0.022321	-0.016446	0.000146
	-0.018017	0.013498	-0.010769	-0.015204	-0.004148	0.001673
	0.010167					
z150	0.031309	0.005576	0.005268	-0.006186	-0.015744	-0.005891
	0.004689	-0.003351	0.018592	0.012047	-0.008936	-0.012534
	-0.021230	-0.009280	-0.004715	0.026464	-0.007251	-0.010483
	-0.010680	-0.010216	-0.042193	-0.017165	-0.017318	-0.022533
	-0.000852	-0.012688	0.000248	-0.011110	-0.000572	0.010139
	0.011357					
x151	0.009067	0.025054	-0.007368	-0.002550	0.010248	-0.034943
	-0.015178	-0.010154	0.016802	0.050275	-0.018358	0.017892
	-0.021114	-0.006021	-0.004685	0.001090	0.022297	-0.030197
	0.030525	-0.006746	-0.041670	-0.020570	-0.037799	-0.014849
	0.008226	-0.032228	-0.012789	0.006672	-0.001068	-0.001272
	0.016763					

y151	-0.016782	0.007177	0.000622	-0.007821	0.014204	-0.018651
	-0.021553	-0.037293	-0.011108	0.025140	0.040675	-0.006180
	-0.019545	0.015950	-0.010749	0.012419	0.005363	0.010446
	0.005116	0.031486	0.012650	0.027746	-0.003304	0.000436
	-0.021119	0.016953	-0.002267	-0.017643	-0.002423	0.002202
	0.005953					
z151	0.026395	0.012085	-0.001599	-0.005916	-0.015407	-0.001988
	0.004312	0.016756	0.012201	0.011771	-0.019391	-0.004051
	-0.024793	0.002552	-0.004163	0.017290	-0.003770	-0.014240
	0.001214	-0.024079	-0.033576	-0.026869	-0.013948	-0.019507
	-0.014485	-0.007610	0.007452	-0.002948	0.014825	0.003825
	0.015736					
x152	0.009360	0.022021	-0.006095	0.006309	0.012406	-0.033631
	-0.012766	-0.017753	0.012190	0.043470	0.003827	0.022259
	-0.021887	0.004736	-0.011996	-0.004810	0.015380	-0.018247
	0.029310	-0.012599	-0.004920	-0.008435	-0.043214	0.000156
	0.004416	-0.021793	-0.008423	0.012847	0.010948	0.016017
	0.037119					
y152	-0.014160	0.006629	-0.008996	-0.002116	0.000749	-0.020000
	-0.024281	-0.004747	0.003368	0.011241	0.049090	-0.009281
	-0.015332	0.032997	-0.017836	0.032929	-0.005573	-0.000855
	0.008708	0.030926	-0.000392	0.008024	0.011410	-0.004070
	-0.022317	-0.000118	-0.003762	-0.008716	-0.007802	0.018382
	-0.011647					
z152	0.025757	0.013048	-0.005708	-0.000431	-0.009022	0.000701
	-0.000012	0.007724	0.003918	0.023871	-0.001084	-0.008541
	-0.000898	0.013053	-0.022519	-0.015072	-0.032768	-0.017420
	0.028946	-0.029246	0.031684	0.003161	-0.017092	0.018516
	-0.023336	0.011493	-0.014332	0.005088	0.000157	0.033212
	0.033085					
x153	0.012402	0.025120	-0.003544	-0.008528	0.016477	-0.022053
	-0.007918	-0.019355	0.005633	0.039411	-0.000635	0.028202
	-0.050983	0.006656	-0.013479	0.013644	-0.008607	-0.009046
	0.023568	0.000235	-0.006578	-0.019756	-0.031831	0.007753
	0.002753	-0.027487	0.007361	0.007337	0.034468	-0.006911
	0.034529					
y153	-0.018199	0.008046	-0.006699	0.000191	0.011487	-0.024317
	-0.028342	-0.016673	-0.006372	0.025886	0.030422	0.004770
	-0.003267	0.015225	-0.004268	-0.003959	0.029918	-0.010454
	0.009439	0.026287	0.000783	0.016510	0.011389	-0.006242
	-0.013494	-0.003147	-0.005846	-0.015293	-0.017897	0.007385
	-0.016767					

z153	0.027281	0.012298	-0.007977	-0.008879	-0.026974	-0.005644
	0.012108	0.009078	0.011122	0.037848	-0.034153	0.009727
	-0.001137	-0.006892	-0.014404	0.008582	-0.036353	-0.030291
	0.024222	0.005709	-0.019044	-0.015725	-0.007880	-0.005613
	-0.023772	-0.017343	-0.026477	-0.001031	-0.026908	0.014998
	0.015212					
x154	0.016399	0.024601	-0.005866	-0.005531	0.005173	-0.024368
	0.003013	-0.015093	0.016254	0.045459	0.002299	0.022761
	-0.022748	0.002154	-0.008474	0.017757	-0.019480	-0.011199
	0.016133	0.000836	-0.030848	-0.007899	-0.030329	-0.016630
	-0.004531	-0.037223	-0.002846	0.000081	0.012675	-0.020920
	0.013803					
y154	-0.019179	0.015749	-0.005663	-0.000524	0.028392	-0.020043
	-0.037580	-0.021078	-0.017712	0.010656	0.034559	0.018688
	-0.018699	0.010481	-0.006487	-0.010569	0.033660	-0.004742
	0.006796	0.017626	0.032757	0.025161	0.015427	-0.008488
	0.003397	-0.001638	0.003829	-0.015830	-0.002293	0.000134
	-0.014760					
z154	0.031961	0.012390	-0.006650	-0.007352	-0.011387	-0.004677
	0.011366	-0.023465	0.000222	0.002230	0.001736	0.025982
	-0.030621	-0.022973	-0.039496	0.028453	-0.029074	-0.017460
	-0.007286	0.007061	-0.020010	0.009628	0.009040	-0.021244
	0.013361	-0.009594	-0.008400	-0.018170	-0.045301	0.027592
	0.000866					
x155	0.011516	0.030446	-0.009997	-0.000940	0.013885	-0.019992
	-0.004959	-0.005559	0.001190	0.030805	0.011492	0.049470
	-0.009709	0.005669	-0.010403	-0.008412	-0.000957	-0.014440
	0.020998	-0.023526	0.008699	0.003685	-0.000439	-0.011093
	0.002287	-0.031374	-0.004737	-0.005301	-0.007578	-0.008291
	0.000331					
y155	-0.016596	0.014278	-0.001939	0.006892	0.027737	-0.017372
	-0.033271	-0.027139	-0.014179	0.019189	0.036318	0.010243
	-0.017181	0.013076	-0.000656	-0.005252	0.018941	0.001560
	-0.000286	0.022006	0.026328	0.028553	-0.008724	-0.024459
	-0.002982	-0.002089	0.007115	-0.009282	0.027113	-0.013642
	0.001871					
z155	0.036393	0.023558	-0.001180	0.002735	0.002079	0.001211
	-0.000434	-0.003960	-0.008362	0.006694	0.022583	0.041972
	-0.020593	0.002907	-0.026588	0.003052	-0.054032	-0.023954
	0.012785	-0.042335	0.016839	0.018285	0.021527	-0.007198
	-0.000214	-0.006978	-0.005537	-0.011658	-0.012557	0.017018
	0.016992					

x156	0.004006	0.019880	-0.008780	0.002976	0.009427	-0.014384
	-0.003741	-0.010093	0.000333	0.039671	0.012805	0.030359
	0.001832	0.002920	-0.011556	-0.011513	-0.011901	-0.018676
	0.035688	-0.007426	0.004751	0.003488	-0.006052	0.009119
	-0.006384	-0.025322	-0.021855	-0.007154	-0.035880	0.012928
	0.001864					
y156	-0.013865	0.015751	-0.007711	0.003874	0.025037	-0.020547
	-0.027769	-0.019921	-0.006608	0.017960	0.039456	0.021314
	-0.016384	0.016099	-0.003121	-0.009793	0.041206	0.005878
	0.000899	0.026729	0.035021	0.017836	-0.008615	-0.023118
	0.002308	-0.017871	0.004605	-0.021084	0.003132	-0.008705
	-0.003269					
z156	0.034513	0.012778	-0.006749	0.009182	-0.009662	-0.007424
	0.003863	0.010119	0.015908	0.040172	0.010807	0.020691
	-0.018960	0.001344	-0.036346	-0.008436	-0.044778	-0.039781
	0.053461	-0.012438	0.000793	-0.012251	-0.016860	0.001356
	-0.008142	-0.020176	-0.028998	-0.001147	-0.017000	0.021986
	0.022717					
x157	0.003487	0.011863	-0.004772	0.008005	0.015625	-0.009547
	-0.003657	-0.008485	0.004565	0.029710	0.020567	0.000232
	-0.005844	-0.004255	-0.003104	0.000973	-0.012725	-0.004895
	0.031916	0.001907	-0.023529	-0.003097	-0.010187	-0.006506
	0.000447	-0.029827	-0.002132	-0.016668	-0.017300	0.003202
	-0.001794					
y157	-0.015408	0.020233	-0.011400	0.004265	0.022986	-0.016806
	-0.023153	-0.014029	-0.010004	0.015118	0.033945	0.038129
	-0.011548	0.018566	-0.005298	-0.011860	0.036094	0.008852
	-0.000108	0.021754	0.038578	0.012672	0.004330	-0.018858
	0.007213	-0.023037	-0.001845	-0.025926	-0.015825	0.002753
	-0.000905					
z157	0.036188	0.019899	-0.012790	0.002951	-0.003540	-0.010047
	0.006280	0.029669	0.012111	0.037178	0.005381	0.032193
	-0.022496	0.002332	-0.038987	-0.022330	-0.033477	-0.037485
	0.059382	-0.023396	0.001482	-0.012368	-0.014238	0.001344
	0.004415	-0.024451	-0.017380	-0.003054	-0.013739	0.005802
	0.016718					
x158	0.003777	0.018681	-0.003959	-0.010719	0.020671	0.006577
	0.015036	0.003984	-0.003547	0.019277	0.008821	0.017159
	-0.019633	-0.013944	-0.026062	-0.001334	-0.019020	-0.007761
	-0.012231	0.003445	-0.026067	-0.003350	-0.002268	-0.017690
	0.003519	-0.011609	0.012183	-0.007014	0.012597	-0.001202
	0.002702					

y158	-0.012259	0.017045	-0.012391	0.005284	0.016712	-0.020814
	-0.026406	-0.014276	-0.003277	0.015032	0.026613	0.035648
	-0.008651	0.017815	-0.001273	-0.014610	0.020034	0.010227
	0.011650	0.023393	0.028749	0.016183	0.005277	-0.020653
	0.006435	-0.021484	-0.009668	-0.021308	-0.016240	0.007640
	-0.001510					
z158	0.040329	0.018893	-0.015002	0.008650	-0.005845	-0.019332
	0.001528	0.029675	0.005101	0.023476	0.012514	0.044892
	-0.016870	0.010450	-0.028460	-0.024483	-0.006972	-0.021900
	0.059696	-0.053013	-0.002813	-0.005795	-0.005250	-0.000750
	-0.001360	-0.021310	0.001001	-0.007930	-0.001983	0.004884
	0.015064					
x159	0.003384	0.014879	0.000384	-0.011690	0.019275	0.003480
	0.005395	-0.010958	-0.009093	-0.001340	0.015418	0.016630
	-0.020315	-0.006873	-0.002157	0.007246	-0.020606	0.005511
	-0.020308	-0.003544	-0.012727	0.004420	0.011718	-0.023778
	0.006335	-0.011331	0.032742	-0.009761	0.027071	-0.006675
	0.001632					
y159	-0.010549	0.015120	-0.012041	0.008047	0.012955	-0.018761
	-0.021035	-0.008398	0.001783	0.022774	0.022688	0.033826
	-0.005421	0.013005	-0.011906	-0.021635	0.002641	0.003113
	0.011911	0.023212	0.013510	0.024357	-0.005387	-0.029864
	0.000315	-0.007558	-0.011875	-0.012844	0.002432	0.008250
	0.007517					
z159	0.046079	0.013797	-0.013111	0.007168	-0.005920	-0.026917
	-0.004409	0.015311	0.003613	0.005597	0.025016	0.044397
	-0.016194	0.013583	-0.016424	-0.011635	-0.002601	-0.008499
	0.055998	-0.050034	-0.006599	-0.010099	0.010916	0.001738
	0.012220	-0.029678	0.003815	-0.017318	-0.034839	0.014706
	-0.001860					
x160	-0.003471	0.010497	0.001631	-0.005677	0.018897	-0.001695
	-0.003593	-0.015436	-0.008407	-0.007874	0.021338	0.012558
	-0.012402	0.001865	0.013686	0.001841	-0.000658	0.017949
	-0.005591	-0.006141	0.003850	0.004023	0.018823	-0.019209
	0.004383	-0.017427	0.028459	-0.017857	-0.002325	0.001598
	-0.013611					
y160	-0.007767	0.013978	-0.010730	0.003268	0.010521	-0.014669
	-0.013961	-0.009626	0.007433	0.021935	0.019534	0.037017
	-0.008640	0.006247	-0.022504	-0.013712	-0.004728	0.004586
	0.007399	0.027268	-0.001966	0.021326	-0.002969	-0.030702
	0.002002	-0.006611	-0.014117	-0.016859	-0.003579	0.018579
	0.003035					

z160	0.047305	0.011346	-0.009183	0.013231	-0.003086	-0.028892
	-0.005681	0.003544	0.000090	0.001366	0.042038	0.034737
	-0.012157	0.019922	-0.009482	-0.006168	-0.013999	0.000242
	0.049776	-0.053263	-0.007165	-0.007060	0.008088	-0.006229
	0.010797	-0.022958	0.011387	-0.020937	-0.027463	0.015958
	0.002796					
x161	-0.009837	0.005357	0.003197	-0.002319	0.014365	0.003608
	-0.002035	-0.019202	-0.009006	-0.012362	0.020009	0.006041
	-0.006316	-0.004231	0.010072	0.010545	0.004434	0.020820
	-0.023112	0.007514	0.000861	0.013846	0.016401	-0.018435
	0.005208	-0.012954	0.022270	-0.025781	-0.015109	0.011138
	-0.016767					
y161	-0.007207	0.014491	-0.009565	0.008984	0.013992	-0.015628
	-0.022008	-0.009068	0.009243	0.014211	0.023702	0.038885
	-0.006043	0.009733	-0.016161	-0.014268	-0.002985	0.004915
	0.022949	0.009163	0.004516	0.012792	0.001986	-0.033479
	0.001150	-0.013316	-0.006501	-0.021984	0.002042	0.018784
	-0.000339					
z161	0.051168	0.014847	-0.007438	-0.009825	-0.007485	-0.026555
	0.012896	0.011811	-0.002107	0.009302	0.027199	0.044229
	-0.025093	0.006253	-0.025377	-0.011124	-0.024914	-0.002826
	0.014632	-0.027768	-0.024188	0.007881	0.011237	-0.005804
	0.012037	-0.001857	0.011101	-0.009718	-0.028904	0.012134
	-0.002531					
x162	-0.016027	0.000965	-0.004430	-0.002107	0.005800	0.005242
	0.000861	-0.004595	-0.007002	-0.008368	0.001411	0.007700
	0.002396	-0.011150	-0.005986	-0.001316	0.012397	0.006673
	-0.019212	0.017954	0.010179	0.016833	0.005198	-0.006907
	-0.001638	-0.006204	0.009280	-0.013792	-0.014784	0.020430
	-0.013933					
y162	-0.003564	0.015888	-0.007710	0.008090	0.014748	-0.016612
	-0.017529	-0.005497	0.015716	0.021472	0.023103	0.037770
	0.009559	0.010885	-0.004361	-0.026595	-0.012616	0.000980
	0.039947	-0.008055	-0.001889	0.006915	0.004024	-0.030582
	-0.007550	-0.018300	-0.003344	-0.029286	-0.003250	0.014531
	-0.006457					
z162	0.048330	0.007789	-0.004117	-0.009546	-0.006610	-0.024449
	0.008081	0.006452	-0.009000	-0.004602	0.035264	0.038813
	-0.038275	0.005692	-0.031005	0.003099	-0.024626	0.006187
	-0.000011	-0.017924	-0.028557	0.017328	0.010167	-0.002292
	0.011667	0.012987	0.021258	-0.014672	-0.005919	0.014957
	-0.001496					

x163	-0.014004	0.002258	-0.004310	-0.003315	-0.001863	-0.003491
	0.002826	0.005804	-0.000316	0.012684	-0.014739	0.011037
	0.019892	0.002024	0.007934	-0.030420	0.028135	0.000455
	0.009385	0.000547	0.014320	0.004687	-0.005411	0.002349
	-0.026023	-0.009570	-0.002159	-0.000276	-0.017974	0.015517
	-0.011529					
y163	-0.003554	0.015516	-0.007831	0.007164	0.012948	-0.013614
	-0.013197	0.002304	0.019359	0.022583	0.022630	0.037161
	0.016083	0.009973	-0.004507	-0.031124	-0.023874	-0.008843
	0.046408	-0.012136	-0.007902	0.002173	0.002081	-0.026829
	-0.015545	-0.019743	0.001089	-0.037436	-0.006164	0.012305
	-0.010537					
z163	0.039238	0.004280	-0.004346	-0.008214	0.001124	-0.022493
	-0.003268	0.024338	-0.005797	0.004475	0.028549	0.029402
	-0.029603	-0.004832	-0.045914	-0.008800	-0.029683	-0.024200
	0.016552	-0.006976	-0.025127	0.001670	-0.006146	0.008745
	0.013825	0.003480	0.007456	-0.013835	-0.004403	0.002814
	-0.005374					
x164	-0.010319	0.006357	0.003690	-0.005587	0.003398	0.004121
	0.005239	-0.013431	-0.003496	0.014464	-0.001911	0.005144
	0.015805	0.001241	0.017473	-0.013763	-0.002143	0.012785
	0.000156	0.000983	-0.000673	0.010957	0.000962	-0.006448
	-0.012536	-0.001642	0.000484	-0.004799	-0.023100	0.003231
	-0.007892					
y164	-0.004538	0.013644	-0.010189	0.005658	0.008337	-0.013586
	-0.010299	0.012058	0.021018	0.022299	0.018536	0.039174
	0.014977	0.013021	-0.014011	-0.039677	-0.017801	-0.018846
	0.048688	-0.011846	-0.000263	-0.001347	-0.004790	-0.017972
	-0.029441	-0.020256	0.000952	-0.037421	-0.003052	0.016750
	-0.009529					
z164	0.035044	0.006078	-0.002740	-0.005364	0.004315	-0.024504
	-0.012810	0.030515	-0.007099	0.014530	0.019536	0.024971
	-0.013135	-0.016422	-0.043042	-0.015941	-0.028501	-0.042545
	0.028368	-0.000605	-0.027511	-0.006628	-0.012913	0.003602
	0.019356	0.002353	0.003944	-0.011730	-0.002102	-0.013559
	-0.004267					
x165	-0.012038	0.033761	0.032591	-0.000701	0.041512	-0.022888
	-0.042181	-0.022763	-0.014376	0.019890	-0.005283	-0.006023
	-0.007664	-0.000436	-0.014597	0.012750	0.028869	0.001816
	-0.006938	0.017678	0.005087	-0.010171	-0.022001	0.011467
	-0.024590	-0.031144	0.012201	-0.019472	-0.010921	0.003402
	-0.017970					

y165	-0.006775	0.003868	-0.024382	0.010327	-0.010170	-0.007920
	-0.007610	0.010385	0.013952	-0.012599	0.027376	0.031908
	0.003030	0.009445	-0.018028	-0.007835	-0.015556	-0.013926
	0.033676	0.007982	-0.018199	-0.007302	-0.002335	-0.030489
	-0.014407	-0.001443	0.022756	-0.041757	0.011434	0.017414
	-0.002262					
z165	0.049062	0.015036	0.017485	-0.018653	0.015211	-0.036226
	-0.001209	-0.008165	-0.007802	0.017231	0.031751	0.030441
	-0.007745	-0.012933	-0.029419	-0.025793	0.007047	-0.005111
	0.015504	-0.018001	-0.000788	0.021698	-0.012224	0.004926
	-0.005380	0.014819	0.030742	-0.014747	-0.003565	-0.011794
	0.006352					
x166	0.010472	-0.026922	-0.017215	0.005392	0.010633	0.044478
	0.025363	-0.007515	-0.010027	-0.004759	0.034298	-0.022773
	0.012014	-0.004580	-0.009322	-0.011621	-0.007055	0.001329
	0.006354	0.004088	-0.019083	-0.018072	-0.021479	-0.002765
	0.020460	-0.025499	0.016693	0.014349	-0.013293	0.027710
	-0.012436					
y166	0.034903	-0.009294	0.008541	-0.023068	-0.024055	0.011429
	-0.027492	0.001289	0.014412	-0.034854	-0.025347	-0.006264
	0.002991	0.038587	0.006463	0.009175	-0.009278	0.010309
	-0.006656	-0.062393	0.016914	-0.012350	-0.022251	0.015595
	0.009561	-0.019338	-0.003415	0.013696	0.004045	0.018007
	0.012361					
z166	-0.031916	-0.034811	0.011684	0.019550	0.015108	0.010590
	0.003650	-0.020299	-0.029420	0.007956	-0.010742	0.004563
	-0.033437	0.002166	-0.005277	0.015052	0.020829	-0.000039
	0.002677	0.019426	0.014527	-0.001488	-0.010319	-0.021140
	-0.010409	0.021614	0.013430	-0.013155	-0.000184	-0.003394
	0.010564					
x167	-0.006478	-0.020225	0.005192	-0.001080	0.011761	0.015263
	-0.012477	-0.016138	-0.009560	-0.001887	-0.026034	0.003324
	-0.007757	0.003784	0.024788	-0.006388	-0.030630	-0.026016
	0.029022	0.017497	0.022562	-0.002288	0.018850	0.022378
	0.008677	0.000255	-0.009177	0.030894	0.022754	0.002812
	-0.008709					
y167	0.023123	-0.007309	0.012052	-0.004666	-0.004835	0.027218
	-0.003477	0.004678	0.022995	-0.008327	0.003939	-0.025653
	0.008028	0.034332	-0.025353	0.008754	0.018981	0.037410
	-0.017158	-0.077406	0.018488	-0.021900	-0.042599	-0.013643
	-0.020690	-0.004906	0.000303	0.007167	0.010326	0.004382
	0.006670					

z167	-0.018413	-0.038331	0.002117	0.015049	0.010251	0.015242
	0.010734	-0.006188	-0.017279	-0.020794	0.006678	0.012296
	-0.018867	-0.008525	-0.015134	0.027838	-0.008228	-0.001895
	-0.002795	0.034755	0.000643	-0.001077	0.002109	-0.042664
	-0.005517	0.019544	0.019402	0.000587	-0.004071	0.004334
	-0.008146					
x168	0.000074	-0.013075	0.002637	0.009467	-0.005919	0.017247
	0.004659	-0.007529	-0.006121	0.003750	-0.012512	0.010668
	0.009932	-0.000041	0.014778	0.012375	-0.006375	0.000974
	-0.012606	-0.027959	0.016877	0.005960	0.013616	-0.009296
	-0.002445	0.013574	0.007872	0.015793	-0.009937	0.030757
	0.001523					
y168	0.021193	-0.010411	0.008364	-0.003465	-0.001216	0.032080
	-0.011932	0.002915	0.014930	-0.018162	0.000404	-0.017133
	0.004650	0.034072	-0.011249	0.021538	-0.013396	0.012912
	-0.004817	-0.053425	0.010537	-0.035427	-0.021873	0.000013
	-0.006616	-0.004675	0.007162	0.012733	0.022688	0.001359
	0.002002					
z168	-0.020575	-0.041300	0.003882	0.008148	0.018220	0.006693
	0.004654	-0.018131	-0.013580	-0.011053	-0.003237	0.011385
	-0.012818	-0.028045	-0.015795	0.001017	-0.003059	-0.009296
	-0.001331	0.050445	0.022521	0.021231	-0.008505	-0.039311
	-0.004673	0.022626	-0.001392	0.001242	-0.028813	0.000234
	-0.015936					
x169	0.007171	-0.009550	0.001090	0.003500	0.004279	0.015569
	0.000583	0.003291	0.009930	0.003703	-0.000135	-0.008668
	0.011361	-0.007140	-0.000329	0.007444	-0.007534	0.002946
	-0.008099	-0.021597	0.032029	0.011586	0.002144	-0.014474
	0.005976	-0.002740	-0.000910	0.020618	-0.012187	0.014186
	0.004654					
y169	0.022692	-0.015589	0.003605	-0.002104	-0.002349	0.028394
	-0.016016	-0.001112	0.013849	-0.026886	0.002898	-0.017152
	-0.006014	0.034076	-0.002846	0.014500	0.008297	0.017616
	-0.000250	-0.046522	0.029740	-0.036181	-0.028531	0.007691
	-0.007655	0.002741	0.025772	0.015067	0.035486	0.009222
	0.008213					
z169	-0.026161	-0.042002	0.003867	0.005904	0.020033	0.009352
	0.009578	-0.019006	-0.017556	-0.005967	-0.014561	0.017754
	-0.008703	-0.024964	-0.016637	0.003958	-0.013978	-0.010038
	-0.006500	0.048127	-0.001058	0.026167	0.001938	-0.034252
	-0.019937	0.028187	-0.025704	-0.000892	-0.030958	0.007279
	-0.032119					

x170	0.015300	-0.007986	-0.003675	-0.007338	-0.003951	0.013738
	0.012053	0.002378	0.013577	-0.001862	-0.009965	-0.001303
	0.017668	-0.002289	-0.007797	0.004749	0.002444	0.000944
	-0.021743	-0.018009	0.027877	0.003235	-0.008415	-0.009779
	-0.000463	-0.002781	-0.002517	0.021188	-0.006289	0.007335
	0.006809					
y170	0.019333	-0.014735	0.001426	0.003508	0.002441	0.026832
	-0.013085	0.001253	0.013746	-0.024256	0.007424	-0.015229
	-0.010586	0.015498	0.003977	0.018389	0.019554	0.014901
	-0.009671	-0.030745	0.030823	-0.036131	-0.020954	-0.009946
	-0.005511	0.009175	0.030084	0.019837	0.029903	0.018618
	0.011179					
z170	-0.028952	-0.048499	0.001711	0.007367	0.022771	0.008386
	0.002440	-0.025549	-0.024534	-0.007574	-0.024654	0.010878
	-0.017872	-0.002111	-0.000697	0.002777	-0.015611	-0.007481
	0.008841	0.034753	-0.001285	0.010315	0.008949	-0.002073
	-0.028049	0.027892	-0.020267	-0.004782	0.002883	0.013427
	-0.032102					
x171	0.016505	-0.007966	-0.002342	-0.001658	-0.000873	0.020066
	0.009676	0.002933	0.011549	0.004530	0.001984	-0.006313
	0.010420	0.012718	-0.016198	0.003467	-0.006539	-0.001743
	-0.010171	-0.023403	0.039153	-0.005499	-0.012064	0.010939
	-0.006137	0.004160	-0.005090	0.018929	0.006463	0.026455
	0.016278					
y171	0.020596	-0.016836	-0.003724	-0.002798	-0.001021	0.021469
	-0.001737	-0.001900	0.013308	-0.030207	-0.000930	-0.008626
	-0.008260	0.001539	0.002263	0.015700	0.028475	0.014029
	-0.022356	-0.012264	0.016173	-0.025113	-0.020294	-0.019470
	-0.005626	0.012435	0.025109	0.023837	0.017346	0.013660
	0.003751					
z171	-0.031040	-0.049815	0.000774	0.014251	0.025899	0.004074
	-0.009872	-0.029103	-0.025498	-0.010696	-0.018728	0.004240
	-0.009672	0.006888	0.013644	0.003211	-0.018437	-0.011328
	0.017220	0.026787	0.011644	0.003015	0.010213	0.001908
	-0.019027	0.017243	-0.014094	-0.013739	0.012709	0.009508
	-0.022530					
x172	0.015626	-0.008512	-0.005106	0.006184	-0.005183	0.025178
	0.013570	-0.002567	-0.000866	-0.005110	0.001517	0.002755
	0.028203	0.029332	-0.016645	0.007761	-0.010975	-0.003768
	-0.014745	-0.038633	0.007721	-0.007729	-0.021067	0.012138
	-0.014419	-0.004321	-0.015246	-0.003396	0.000648	0.016426
	0.019217					

y172	0.020262	-0.018183	-0.005381	-0.005135	-0.001500	0.021669
	0.000209	-0.007016	0.008492	-0.027911	0.001890	-0.003331
	-0.008268	-0.005759	-0.001625	0.011188	0.014724	0.001152
	-0.019666	0.004912	0.032404	-0.014269	-0.008964	-0.010011
	0.004275	0.023452	0.023251	0.030696	0.011532	0.029849
	0.005900					
z172	-0.029650	-0.049348	0.000627	0.011455	0.026954	-0.001680
	-0.013954	-0.025414	-0.019789	-0.009275	-0.021747	0.000005
	-0.013898	0.006893	0.019822	0.003895	-0.015115	-0.012001
	0.017112	0.027073	0.010508	-0.005459	0.009512	0.000573
	-0.015644	0.009820	-0.015921	-0.011477	0.017259	0.003637
	-0.024072					
x173	0.022450	-0.009042	-0.008054	-0.003265	-0.001081	0.024196
	0.011347	0.006239	0.002258	-0.015976	-0.000373	-0.003872
	0.013674	0.023838	-0.022798	0.001537	-0.004988	0.003326
	-0.012143	-0.026412	0.009092	-0.000530	-0.024641	0.025371
	-0.005541	-0.004326	-0.015234	-0.004557	0.007084	0.002158
	0.017437					
y173	0.014100	-0.017596	-0.004087	0.004028	-0.003499	0.027324
	0.003785	-0.018316	-0.005362	-0.031047	0.000328	0.009688
	0.011329	0.007131	0.006128	0.016595	0.005402	-0.008578
	-0.019615	-0.007387	-0.004848	-0.024014	-0.015810	-0.021346
	-0.005080	0.013230	0.013437	0.012693	0.000441	0.026376
	0.001414					
z173	-0.030534	-0.047854	-0.002480	0.011899	0.027160	-0.004741
	-0.009669	-0.022389	-0.015593	-0.000817	-0.018905	-0.005043
	-0.014740	0.001413	0.020165	0.005543	-0.009430	-0.012596
	0.011341	0.025837	0.030492	-0.006711	0.017478	-0.001283
	-0.009982	0.013425	-0.009585	-0.008372	0.021110	0.015410
	-0.017550					
x174	0.026998	-0.009298	-0.009317	-0.003455	-0.003502	0.021603
	0.006519	0.002263	-0.001231	-0.024528	0.004812	0.000056
	0.008145	0.026765	-0.025256	-0.001961	-0.013304	-0.005859
	-0.006961	-0.017259	0.025236	0.000372	-0.018656	0.036922
	0.001719	0.001927	-0.019917	0.001971	0.007014	0.003958
	0.023520					
y174	0.014529	-0.016885	-0.003348	0.001559	0.002245	0.028028
	0.009880	-0.013128	0.003261	-0.029778	0.000779	-0.000931
	0.001203	0.008038	0.000293	0.005861	0.015209	0.006071
	-0.014516	-0.004998	-0.005916	-0.020143	-0.021138	-0.022517
	-0.002167	0.006614	0.013009	0.010505	0.007162	0.020099
	0.002610					

z174	-0.031918	-0.046675	-0.006922	0.012954	0.027874	-0.006502
	-0.005695	-0.021257	-0.017932	0.002799	-0.018099	-0.009653
	-0.011062	-0.000966	0.023694	0.013173	-0.001061	-0.010021
	0.008142	0.018717	0.029078	-0.011501	0.012138	-0.004694
	-0.007573	0.008952	-0.006428	-0.017353	0.024989	0.019051
	-0.017641					
x175	0.029907	-0.007588	-0.006838	-0.001188	-0.002024	0.016241
	-0.008060	0.001209	0.008759	-0.041064	-0.001816	-0.005975
	-0.014679	0.026600	-0.003859	0.005837	0.002053	-0.007492
	0.010022	-0.023905	0.003294	-0.018512	-0.018626	0.017005
	0.015803	-0.011231	-0.006498	0.003050	0.026065	-0.010275
	0.008629					
y175	0.016131	-0.021001	-0.003235	-0.003756	-0.002085	0.019184
	0.003407	-0.017254	-0.002401	-0.034115	-0.004254	0.007558
	-0.004208	0.003729	0.002095	0.004025	-0.002230	-0.011840
	-0.014543	0.017581	-0.011695	0.001796	0.001565	0.000996
	0.022317	0.013262	0.001207	0.003766	-0.007673	0.005726
	-0.000158					
z175	-0.030904	-0.043592	-0.011086	0.003028	0.026097	-0.002374
	0.016104	-0.015658	-0.016174	0.016026	-0.015884	-0.006586
	-0.006561	-0.004571	0.003735	0.013262	-0.000143	-0.002398
	-0.006203	0.018666	0.031866	-0.013526	0.000150	-0.007532
	-0.015258	0.017004	-0.012947	-0.016520	0.017848	0.031536
	-0.010596					
x176	0.033063	-0.008113	-0.005061	-0.004436	-0.002960	0.019115
	-0.004081	-0.000199	0.010188	-0.043917	-0.003476	-0.002309
	-0.022195	0.024880	-0.004438	0.004126	0.001750	-0.008725
	0.013278	-0.017833	-0.015639	-0.018558	-0.013332	0.010907
	0.017621	-0.003630	-0.001164	0.004463	0.021897	-0.004623
	0.000295					
y176	0.012285	-0.021685	-0.005283	0.001445	0.004357	0.011677
	-0.004399	-0.020281	-0.001120	-0.038274	0.001838	-0.009308
	-0.011119	-0.000566	0.004824	0.002165	0.014604	-0.010305
	-0.006298	0.017028	0.000363	0.006477	-0.000511	-0.002251
	0.026611	0.017425	0.006210	-0.004874	-0.001007	-0.002774
	-0.000406					
z176	-0.028315	-0.042707	-0.011124	-0.003851	0.022620	-0.003923
	0.021561	-0.012039	-0.009299	0.019409	-0.017232	-0.001233
	-0.005916	-0.009600	-0.000926	0.010239	-0.007344	-0.007792
	-0.011402	0.018138	0.021403	-0.016232	0.002745	-0.008082
	-0.009090	0.014895	-0.011455	-0.004974	0.005241	0.028186
	-0.008125					

x177	0.035274	-0.006755	-0.005850	-0.003454	-0.007272	0.021067
	0.011372	-0.002394	0.012491	-0.024844	0.004227	-0.005307
	-0.026736	0.009944	-0.015295	-0.005159	0.000167	-0.012713
	-0.002728	0.005951	0.014016	-0.006860	0.005593	0.010921
	0.021465	0.021452	0.005062	0.025745	0.011911	0.026033
	0.015088					
y177	0.008500	-0.021275	-0.006813	0.003063	0.010367	0.008968
	-0.012169	-0.023903	-0.003127	-0.048556	0.001870	-0.006113
	-0.005603	-0.001323	0.009281	0.007600	0.015214	-0.012297
	0.009926	0.002820	0.004508	0.003389	-0.006300	-0.004871
	0.020891	0.012283	0.007351	-0.016790	0.004536	-0.008801
	-0.006978					
z177	-0.027848	-0.043650	-0.008667	0.002475	0.023243	-0.005333
	0.016665	-0.011636	-0.007747	0.016507	-0.007760	-0.007731
	0.000743	-0.000716	0.006403	0.008018	-0.004252	-0.002054
	-0.006501	0.011104	0.011299	-0.019608	0.001075	-0.010370
	-0.004696	0.007912	-0.005069	-0.009287	0.006177	0.022903
	-0.007277					
x178	0.035812	-0.007222	-0.006513	-0.001875	-0.008635	0.023548
	0.023077	-0.006259	0.015357	-0.016000	0.006604	-0.013954
	-0.029306	0.001120	-0.026028	-0.006825	0.002754	-0.010842
	-0.011366	0.019672	0.014244	-0.000051	0.001912	0.003798
	0.021180	0.028298	0.001187	0.028964	0.003941	0.034293
	0.020368					
y178	0.008383	-0.020518	-0.005797	0.000834	0.006890	0.004522
	-0.004524	-0.024440	0.002700	-0.033256	0.005654	-0.002724
	0.000325	-0.006555	0.013008	0.004228	0.002055	-0.014406
	0.016850	0.014008	0.026768	0.002820	-0.000125	-0.000945
	0.017983	0.019584	0.009563	-0.001847	-0.002120	0.007222
	-0.001247					
z178	-0.028970	-0.041176	-0.010169	0.004268	0.026114	-0.008952
	0.001801	-0.012453	-0.013547	0.001016	-0.007983	-0.011174
	0.000262	0.004486	0.014604	0.012651	0.004509	-0.001118
	-0.001447	-0.001198	0.001549	-0.023469	0.004720	-0.014990
	-0.000759	0.004160	0.000200	-0.024326	0.014732	0.009165
	-0.012482					
x179	0.033356	-0.004777	-0.004367	0.008774	0.001397	0.022915
	0.009901	-0.004737	0.014925	-0.030997	0.003045	-0.017411
	-0.035633	-0.001240	-0.002089	0.006471	0.026568	-0.004296
	-0.001571	0.005430	-0.015101	-0.020968	-0.003224	-0.024496
	0.029133	0.009877	0.019310	0.014277	0.018703	0.007859
	0.016203					

y179	0.005501	-0.020786	-0.005973	-0.000055	0.002848	-0.000090
	0.006537	-0.026129	0.007833	-0.012873	0.009257	-0.006117
	0.000261	-0.018217	0.007245	0.002563	-0.003826	-0.012592
	0.008377	0.031302	0.039359	0.008171	0.005134	-0.002183
	0.018309	0.031451	0.006691	0.007409	-0.006487	0.026427
	0.005535					
z179	-0.025629	-0.040012	-0.012914	-0.002702	0.021531	-0.009742
	0.003808	-0.016220	-0.015646	-0.000979	-0.006019	-0.007764
	0.005314	0.008054	0.001826	0.006233	-0.012171	-0.006579
	-0.001111	0.000264	0.025196	-0.008885	0.014451	0.002124
	-0.000856	0.014839	-0.008680	-0.019829	0.006923	0.020097
	-0.013226					
x180	0.035503	-0.002111	-0.006181	0.003398	0.006238	0.030324
	0.013271	-0.007750	0.006141	-0.047048	0.004130	-0.009403
	-0.033487	0.013131	-0.016922	-0.009244	0.020583	-0.001819
	0.005656	-0.003397	-0.028101	-0.013111	-0.016377	-0.011380
	0.017685	0.006720	0.004680	-0.002390	0.016888	-0.006150
	0.009675					
y180	-0.000404	-0.020384	-0.005182	0.006165	0.009034	-0.000717
	0.001112	-0.025005	0.008517	-0.017814	0.004341	-0.013545
	0.002714	-0.019091	0.014299	0.012105	0.011237	-0.002412
	0.008721	0.016773	0.018331	0.004747	0.006844	-0.011537
	0.023800	0.018697	0.013469	-0.008565	0.006985	0.013548
	0.003327					
z180	-0.022975	-0.040658	-0.013523	-0.004138	0.015413	-0.014643
	0.005053	-0.020718	-0.010566	0.005485	-0.002746	-0.013591
	0.010407	0.004346	-0.000315	0.004563	-0.021681	-0.007902
	0.002543	0.010787	0.030431	-0.006713	0.013169	0.000400
	0.002004	0.018203	-0.013417	-0.011807	-0.002510	0.026153
	-0.014579					
x181	0.037101	-0.000668	-0.007382	0.000837	0.006884	0.030179
	0.011078	-0.011461	0.002353	-0.052967	0.003767	-0.003857
	-0.032469	0.012341	-0.020715	-0.014859	0.011617	-0.004059
	0.009037	0.000098	-0.023011	-0.006112	-0.015076	-0.007969
	0.019946	0.006573	-0.001242	-0.002888	0.011907	-0.010327
	0.005837					
y181	-0.004232	-0.020546	-0.003855	0.007229	0.015676	0.003508
	-0.003648	-0.021911	0.005793	-0.025557	-0.003300	-0.016977
	0.008468	-0.015557	0.017152	0.015113	0.021710	0.006065
	0.006097	0.000704	0.007153	0.007374	0.013305	-0.010645
	0.023761	0.010137	0.014330	-0.028086	0.022350	0.006698
	-0.003093					

z181	-0.021224	-0.039439	-0.014725	-0.003983	0.013260	-0.018100
	0.008026	-0.022744	-0.009524	0.010608	0.005174	-0.016271
	0.010954	0.005135	-0.007904	-0.003071	-0.018160	-0.008062
	0.004281	0.010744	0.017733	-0.009434	0.009751	0.002242
	0.002130	0.024453	-0.010222	-0.008717	-0.006139	0.028913
	-0.013479					
x182	0.039143	-0.000338	-0.008074	-0.004041	0.005003	0.034441
	0.016465	-0.016270	0.004121	-0.052723	0.002232	-0.001495
	-0.025028	0.005880	-0.033082	-0.022300	0.001375	-0.005661
	0.003426	0.009247	-0.008708	0.007736	-0.007885	0.007083
	0.016784	0.014451	-0.012769	-0.004571	0.005667	0.001619
	0.005309					
y182	-0.005914	-0.016801	-0.003715	0.001063	0.013641	-0.003361
	-0.002731	-0.017537	0.000850	-0.016607	0.002408	-0.016582
	0.010951	-0.007952	0.025613	0.013209	0.009019	0.008985
	0.008919	0.001963	0.011015	0.007690	0.018302	-0.012767
	0.013444	0.016274	0.015843	-0.023076	0.018877	0.004476
	0.003094					
z182	-0.021860	-0.040445	-0.015425	0.002701	0.017792	-0.019569
	0.003641	-0.024297	-0.008543	0.003372	0.004756	-0.015508
	0.007796	0.001604	-0.008247	-0.000194	-0.002929	-0.005406
	0.010612	0.000506	0.001691	-0.019401	0.003359	-0.008918
	0.014892	0.017036	-0.000122	-0.011970	0.006230	0.020947
	-0.019589					
x183	0.038341	0.002329	-0.007979	-0.005508	0.009431	0.036000
	0.021017	-0.016053	0.001670	-0.057545	0.006820	0.002549
	-0.022126	0.001947	-0.039505	-0.028921	0.003542	-0.001759
	-0.000122	0.010677	-0.010879	0.004331	-0.005019	0.001985
	0.014506	0.022341	-0.015580	-0.016929	0.010496	0.005795
	-0.007133					
y183	-0.007330	-0.017872	-0.004219	-0.003357	0.014995	-0.007358
	-0.005751	-0.022965	-0.001443	-0.022820	0.007403	-0.007609
	0.015260	-0.003154	0.012360	0.011350	-0.002558	0.002942
	0.015880	-0.003529	0.008469	0.006085	0.011466	-0.008017
	0.017485	0.007345	0.015328	-0.014227	0.008662	-0.003853
	0.003540					
z183	-0.022268	-0.036676	-0.016260	0.003158	0.016577	-0.016595
	0.002421	-0.025143	-0.007647	-0.000324	-0.001143	-0.025160
	0.011552	0.007588	-0.002485	0.006959	0.000625	0.008322
	0.014775	-0.002964	-0.005140	-0.010961	-0.004145	-0.013928
	0.006622	0.013488	-0.007364	-0.021642	0.011540	0.007860
	-0.013260					

x184	0.036383	0.009356	-0.006043	-0.006033	0.013357	0.035719
	0.025741	-0.012310	0.002196	-0.052879	0.006614	0.009703
	-0.030523	-0.012082	-0.032424	-0.020446	0.017665	-0.003026
	-0.012741	0.012348	0.004476	-0.005886	0.016699	-0.011519
	0.016037	0.037015	0.006314	-0.011218	0.015349	0.015695
	-0.001885					
y184	-0.010244	-0.019408	-0.004277	-0.008421	0.017512	-0.005696
	-0.004570	-0.025269	-0.003559	-0.023936	0.008325	-0.008278
	0.025089	0.009156	-0.001832	0.010810	-0.003877	0.008950
	0.010851	-0.008390	-0.002538	0.005434	-0.006309	-0.001721
	0.009300	-0.001327	0.010891	-0.024987	-0.003845	-0.011341
	-0.004458					
z184	-0.021681	-0.029152	-0.016763	0.003137	0.014417	-0.020599
	-0.003235	-0.017645	-0.008767	-0.001242	0.005320	-0.019919
	0.000394	0.001503	0.007334	0.007693	0.008741	0.003956
	0.005858	-0.001495	0.003293	-0.009823	0.011902	-0.026888
	0.015417	0.016631	-0.001834	-0.021234	0.009162	0.003351
	-0.005670					
x185	0.035933	0.010439	-0.003129	-0.004399	0.011462	0.029931
	0.023177	-0.017317	0.002479	-0.050675	0.006114	0.011390
	-0.034584	-0.019180	-0.017634	-0.013169	0.013814	-0.009040
	-0.007922	0.019410	0.020645	-0.008845	0.032482	-0.007414
	0.023813	0.036648	0.018738	-0.005144	0.010671	0.017848
	0.008567					
y185	-0.014555	-0.017092	-0.004884	-0.008450	0.017727	-0.010885
	-0.002545	-0.014160	-0.006617	-0.008958	0.005281	-0.005845
	0.016244	0.006427	0.005240	0.011704	0.012718	0.005215
	-0.003189	-0.006783	0.000982	0.001567	0.010169	0.006552
	0.013795	0.007744	0.032534	-0.020884	0.002679	-0.003403
	-0.006688					
z185	-0.018597	-0.029585	-0.016573	0.004089	0.013029	-0.020887
	-0.008352	-0.018491	-0.012201	-0.012062	0.016888	-0.017514
	0.001177	-0.000223	0.003508	0.001997	0.009583	-0.006082
	0.004679	-0.004058	-0.004185	-0.005981	0.010558	-0.008520
	0.016176	0.012550	0.003039	-0.029664	0.002362	-0.003151
	-0.012147					
x186	0.032726	0.010705	-0.000064	0.001607	0.012511	0.025772
	0.016451	-0.019685	0.004180	-0.054028	0.002673	0.010047
	-0.030766	-0.025788	-0.001104	-0.006627	0.009868	-0.002101
	0.001051	0.018826	0.023984	-0.014431	0.032389	-0.017872
	0.030460	0.021645	0.021204	-0.005765	0.021445	0.007633
	0.006737					

y186	-0.019400	-0.015734	-0.005853	-0.004821	0.012441	-0.017148
	-0.006963	-0.012453	-0.002979	0.001064	0.002191	-0.013382
	0.021563	0.010383	0.012224	0.020101	0.011185	0.015664
	0.006984	0.004096	0.008645	0.002832	0.009763	0.001002
	0.024329	-0.009139	0.016498	-0.022571	-0.010487	-0.010658
	-0.002160					
z186	-0.015719	-0.028989	-0.016233	0.006240	0.014338	-0.020810
	-0.011294	-0.017227	-0.019093	-0.017002	0.016857	-0.014283
	-0.002750	0.003147	-0.001794	-0.005878	0.016954	-0.012907
	-0.000388	-0.006419	-0.013842	-0.014184	0.011438	0.003796
	0.016282	0.015447	0.015484	-0.021156	0.012277	-0.003843
	-0.015298					
x187	0.032180	0.009995	0.000577	-0.002128	0.007322	0.026548
	0.022106	-0.022730	0.001419	-0.046654	0.003798	0.002818
	-0.028268	-0.020542	-0.017893	-0.017678	0.002254	-0.003874
	-0.005949	0.021322	0.018089	-0.001877	0.021920	-0.010993
	0.010740	0.038341	0.010209	-0.008516	0.024057	0.012370
	0.006832					
y187	-0.023108	-0.014548	-0.007440	-0.007511	0.004176	-0.023947
	-0.012328	-0.011683	0.001834	0.010991	0.002706	-0.020738
	0.019093	0.006161	0.012130	0.026184	0.002743	0.012908
	0.014238	0.004952	0.013647	0.006964	0.002715	-0.012223
	0.013648	-0.002168	0.002122	-0.021295	-0.015669	-0.011708
	-0.003411					
z187	-0.014374	-0.027688	-0.016836	0.004873	0.015608	-0.016445
	-0.002257	-0.021321	-0.014642	-0.025917	0.020254	-0.012447
	0.011272	0.003369	-0.009280	-0.003660	0.008619	-0.007651
	0.010683	-0.004732	-0.011901	-0.009893	-0.004437	0.002513
	0.020144	0.001405	0.005101	-0.031827	-0.004757	-0.014995
	-0.015037					
x188	0.030931	0.007493	0.001532	-0.000690	0.009034	0.027639
	0.022994	-0.024118	-0.000062	-0.052251	0.006041	0.001665
	-0.019507	-0.011559	-0.026910	-0.023762	-0.000686	-0.002836
	-0.002110	0.010457	-0.006663	0.000668	0.009711	-0.003813
	0.001599	0.030252	0.006822	-0.017252	0.021798	0.001140
	-0.002651					
y188	-0.023913	-0.014844	-0.006997	-0.002829	0.001450	-0.027340
	-0.012124	-0.006026	0.003437	0.018417	0.001953	-0.018665
	0.021037	-0.003781	0.014474	0.028989	-0.012719	-0.004379
	0.003809	0.000680	0.008075	0.012618	-0.002937	-0.024670
	0.013251	0.006170	0.010094	-0.009152	0.012090	-0.021402
	0.007486					

z188	-0.013728	-0.025393	-0.015727	0.004173	0.013044	-0.017443
	-0.002543	-0.024674	-0.011340	-0.027489	0.020287	-0.017898
	0.011760	-0.002032	-0.007520	-0.001206	0.006222	-0.001962
	0.016233	0.001736	0.002683	-0.006824	-0.010060	-0.005629
	0.021696	0.000474	0.001385	-0.030819	-0.001442	-0.018154
	-0.009402					
x189	0.028461	0.006494	0.002627	-0.000249	0.012446	0.027953
	0.022036	-0.027369	-0.000440	-0.057387	0.012088	0.003916
	-0.010797	-0.003662	-0.034352	-0.027935	0.004813	0.005706
	0.005380	0.000797	-0.009372	-0.004412	0.011130	0.004998
	-0.002771	0.023031	0.000149	-0.023295	0.002136	0.007860
	-0.015566					
y189	-0.027061	-0.017167	-0.007496	-0.000010	-0.000350	-0.023811
	-0.014160	-0.012216	-0.002131	0.017187	0.001405	-0.019164
	0.020098	0.016269	0.010828	0.028259	-0.014323	0.002625
	0.021077	-0.013633	0.012630	0.014280	-0.012725	-0.002220
	-0.003781	0.008009	0.006476	-0.010613	0.021032	-0.017441
	0.010239					
z189	-0.012941	-0.022467	-0.014162	0.003070	0.005154	-0.020230
	-0.000642	-0.024976	-0.013383	-0.022737	0.005643	-0.019232
	0.003539	-0.004710	0.001631	0.006956	-0.002642	-0.004727
	0.014822	0.010644	0.003083	-0.006851	-0.010936	-0.011606
	0.017274	0.012553	0.009901	-0.019058	0.031505	-0.028247
	0.004619					
x190	0.026265	0.008061	0.003956	-0.001239	0.010775	0.023292
	0.022327	-0.025561	-0.000746	-0.048732	0.002740	0.009588
	-0.015348	-0.006207	-0.026789	-0.022342	0.007983	0.010277
	0.005138	0.008132	0.005326	-0.016728	0.025912	0.005779
	0.004020	0.022780	0.006427	-0.010727	0.010014	0.019258
	-0.013936					
y190	-0.029922	-0.013875	-0.010980	-0.003893	0.001621	-0.025788
	-0.016555	-0.008166	0.000195	0.011628	0.004857	-0.016413
	0.023397	0.020848	0.003957	0.025170	-0.008342	0.011192
	0.031521	-0.010294	0.007866	0.015186	-0.017733	0.004262
	0.003990	-0.015852	-0.021016	-0.025535	-0.027700	-0.019109
	-0.013622					
z190	-0.011640	-0.022165	-0.012489	0.006001	0.005807	-0.019112
	-0.001996	-0.029178	-0.014543	-0.029298	0.016620	-0.021989
	0.011067	-0.003456	-0.008559	0.000563	-0.004107	-0.010118
	0.012645	0.001267	-0.009855	0.005158	-0.012884	-0.016996
	0.010959	0.018104	0.012087	-0.025407	0.029711	-0.031414
	-0.001458					

x191	0.024177	0.007897	0.003995	0.002294	0.009228	0.017958
	0.020289	-0.020894	-0.002486	-0.040415	0.000134	0.008423
	-0.010655	-0.011417	-0.024432	-0.021105	0.001665	0.006074
	0.001515	0.008574	0.006399	-0.012903	0.019581	-0.002268
	-0.003687	0.023651	0.007364	-0.000740	0.029812	0.009548
	-0.014739					
y191	-0.031604	-0.015353	-0.012050	-0.002505	0.001505	-0.031865
	-0.015243	-0.000793	0.002030	0.021979	0.007801	-0.010521
	0.010722	0.013940	0.011261	0.025019	0.002702	0.003980
	0.025087	0.000567	0.015991	0.009344	0.003433	0.013626
	0.016176	-0.018151	-0.015163	-0.017547	-0.039690	0.000235
	-0.016489					
z191	-0.011067	-0.022025	-0.010475	0.002993	0.006947	-0.015972
	-0.001247	-0.036879	-0.012794	-0.039644	0.022062	-0.017540
	0.011622	0.006422	-0.018436	-0.006254	0.008848	-0.002449
	0.019731	-0.003891	-0.016441	-0.001592	0.002292	-0.005858
	0.015071	0.014420	0.011632	-0.036249	0.000041	-0.012034
	-0.022032					
x192	0.021791	0.007618	0.001493	-0.000980	0.009477	0.016282
	0.019203	-0.018885	-0.006997	-0.044146	-0.005556	0.003994
	-0.004459	-0.004509	-0.024268	-0.027768	-0.003695	0.005121
	-0.001233	0.000293	-0.013190	-0.014513	0.009544	-0.003575
	-0.011112	0.013383	0.004414	-0.003114	0.025152	-0.004128
	-0.021097					
y192	-0.031907	-0.014331	-0.013391	-0.000373	0.000844	-0.033031
	-0.015334	0.003081	0.001614	0.028514	0.005343	-0.012452
	0.004471	0.007995	0.015723	0.025034	0.001510	-0.004404
	0.014571	0.005101	0.018172	0.012682	0.008712	0.007995
	0.013758	-0.018275	-0.014543	-0.008322	-0.041906	0.002323
	-0.014949					
z192	-0.012337	-0.019730	-0.008085	0.003755	0.003830	-0.017876
	-0.001737	-0.037916	-0.009671	-0.038356	0.018333	-0.014222
	0.009242	0.011013	-0.020156	-0.005883	0.015820	0.004344
	0.030421	0.001644	-0.001884	-0.007756	0.016785	-0.006694
	0.014924	0.018216	0.012730	-0.024218	-0.002268	0.006195
	-0.028358					
x193	0.018881	0.009718	-0.002597	-0.001942	0.011802	0.011889
	0.015453	-0.015219	-0.008266	-0.044923	-0.002850	0.002417
	0.004943	-0.002750	-0.020230	-0.031872	-0.001827	0.004401
	-0.004892	-0.002833	-0.013353	-0.015928	0.018464	-0.002901
	-0.007110	0.004993	0.001572	-0.006167	0.018503	0.000119
	-0.023322					

y193	-0.031663	-0.011865	-0.012968	-0.001834	-0.002949	-0.030243
	-0.017352	0.006886	-0.001282	0.028172	-0.007956	-0.012410
	-0.005879	0.010757	0.017425	0.027141	-0.004724	-0.003258
	0.008834	0.003713	0.011904	0.013348	0.001498	0.000404
	0.014442	-0.019904	-0.021201	0.000275	-0.033289	-0.005756
	-0.001467					
z193	-0.013934	-0.016360	-0.009010	0.004541	0.004265	-0.020617
	-0.001902	-0.032566	-0.011105	-0.041943	0.020548	-0.006440
	0.013683	0.009316	-0.018323	-0.009999	0.017761	0.006411
	0.032914	0.004033	0.007253	-0.006037	0.025506	-0.010386
	0.014370	0.006814	0.006213	-0.021939	-0.018330	0.011051
	-0.031146					
x194	0.014366	0.009699	-0.004505	-0.002182	0.007418	0.008114
	0.013463	-0.014553	-0.007499	-0.038852	-0.001871	0.002974
	0.012331	0.002345	-0.015603	-0.027003	-0.002818	0.011857
	0.008285	-0.001644	-0.002411	-0.014468	0.014798	0.002275
	-0.010592	-0.000272	-0.001172	-0.005688	0.021785	-0.007942
	-0.024705					
y194	-0.032354	-0.009343	-0.011078	0.001136	-0.001859	-0.025453
	-0.022664	0.012711	-0.006407	0.028024	-0.002959	-0.007243
	-0.010897	0.012644	0.013469	0.025068	-0.003432	-0.002817
	0.006755	0.000683	0.012439	0.024225	-0.004775	-0.003653
	0.016784	-0.017943	-0.023535	-0.001154	-0.022138	-0.005060
	0.017634					
z194	-0.013034	-0.012350	-0.010714	0.002445	0.004686	-0.020187
	0.001510	-0.031397	-0.015609	-0.041921	0.017081	-0.010346
	0.014848	0.003813	-0.016746	-0.009299	0.013291	0.007645
	0.032296	-0.000579	0.008298	-0.003849	0.025977	-0.016370
	0.015590	-0.011636	0.001378	-0.016890	-0.026649	-0.003470
	-0.028154					
x195	0.009143	0.005645	-0.002653	-0.003211	0.002747	0.004894
	0.012050	-0.012139	-0.003911	-0.026694	-0.001208	0.004803
	0.008343	0.006046	-0.014091	-0.017984	-0.000969	0.013556
	0.014377	-0.001104	-0.007122	-0.008594	0.011109	0.008646
	-0.007206	-0.003262	0.001409	-0.004321	0.009919	-0.004521
	-0.022672					
y195	-0.032651	-0.010835	-0.009607	0.004495	-0.001904	-0.023793
	-0.025468	0.012250	-0.007510	0.031378	0.007287	-0.009274
	-0.007750	0.008929	0.005272	0.024839	-0.000942	-0.003777
	0.001869	0.003675	0.002446	0.029118	-0.011440	-0.004607
	0.021194	-0.020427	-0.026773	-0.016025	-0.024633	-0.002596
	0.027470					

z195	-0.012293	-0.007832	-0.010960	0.000561	0.003788	-0.019164
	0.004295	-0.029899	-0.016613	-0.040749	0.012033	-0.013463
	0.017957	0.004836	-0.017271	-0.009470	0.008266	0.012368
	0.036538	-0.001675	0.009913	-0.000769	0.025780	-0.026035
	0.017927	-0.025069	-0.003396	-0.007025	-0.028926	-0.017247
	-0.029537					
x196	0.004545	0.004701	-0.002636	-0.005283	0.000884	0.000962
	0.011778	-0.006108	-0.001757	-0.015661	-0.001660	0.007245
	0.002040	-0.000206	-0.012094	-0.007597	-0.004279	0.009477
	0.005155	-0.004748	-0.013339	0.001550	0.015559	0.005477
	0.003534	-0.009390	0.004088	0.000416	0.004663	-0.004626
	-0.017855					
y196	-0.032157	-0.010169	-0.008247	0.006668	0.000679	-0.022305
	-0.026676	0.012069	-0.007776	0.029583	0.008115	-0.010152
	-0.005340	0.003039	0.004090	0.023164	-0.003808	-0.013202
	-0.007193	0.008349	0.001712	0.022159	-0.013392	-0.005483
	0.021361	-0.013643	-0.024058	-0.025000	-0.026245	0.002382
	0.026565					
z196	-0.012245	-0.003408	-0.009295	-0.001647	0.000957	-0.017157
	0.006249	-0.026585	-0.015375	-0.038427	0.010087	-0.011601
	0.021178	0.010596	-0.016406	-0.010834	0.004919	0.016490
	0.044121	0.001685	0.010916	-0.003026	0.023688	-0.032053
	0.020194	-0.037413	-0.005261	-0.003289	-0.029759	-0.025798
	-0.027580					
x197	-0.000307	0.003733	-0.003177	-0.003281	-0.000513	-0.002702
	0.009376	0.000074	-0.001066	-0.005321	0.004042	0.001485
	0.002978	0.003114	-0.008827	-0.004627	-0.009481	0.004195
	-0.001875	-0.011902	-0.008455	0.010339	0.010516	0.003498
	-0.001905	-0.012232	0.000871	-0.004300	0.005491	-0.003426
	-0.010078					
y197	-0.030898	-0.007909	-0.004913	0.007451	0.000514	-0.017330
	-0.024628	0.008820	-0.007388	0.025947	0.004100	-0.005893
	-0.006924	-0.000730	0.003465	0.020843	-0.000522	-0.022799
	-0.008625	0.010410	0.005560	0.006972	-0.010888	-0.006067
	0.014939	-0.009207	-0.020859	-0.014500	-0.031068	0.000631
	0.026968					
z197	-0.012167	-0.000890	-0.006371	-0.002017	-0.002400	-0.014854
	0.007870	-0.023360	-0.013270	-0.032961	0.009109	-0.007599
	0.018871	0.017375	-0.015194	-0.009784	0.000633	0.018652
	0.044467	0.003943	0.011033	-0.006319	0.021749	-0.034596
	0.023523	-0.042035	-0.001612	0.000988	-0.024976	-0.027261
	-0.015796					

x198	-0.003658	0.002409	-0.003630	-0.003093	-0.000370	-0.004510
	0.004039	0.004820	-0.002002	-0.000402	0.005460	-0.001398
	0.000252	0.004891	-0.012273	-0.003951	-0.004837	-0.002431
	-0.003648	-0.011531	-0.004135	0.008849	-0.003039	0.004660
	-0.010051	-0.009295	-0.006008	-0.006295	0.005334	-0.007166
	0.001798					
y198	-0.029411	-0.005629	-0.003449	0.010752	0.003620	-0.012629
	-0.023245	-0.000158	-0.010105	0.018580	0.000083	-0.004780
	-0.003657	-0.005885	-0.010047	0.012254	0.002271	-0.023130
	0.002645	0.008190	0.004582	0.007302	-0.004533	-0.010283
	0.009206	0.003827	-0.017293	-0.000312	-0.035032	-0.002841
	0.032141					
z198	-0.011635	0.001134	-0.004453	-0.002546	-0.005048	-0.013846
	0.008160	-0.019077	-0.010318	-0.025573	0.009546	-0.007771
	0.015491	0.023561	-0.011710	-0.008812	-0.003944	0.020509
	0.041692	0.004144	0.008339	-0.007493	0.019908	-0.036999
	0.024262	-0.043027	0.000229	0.001468	-0.020682	-0.021563
	-0.005906					
x199	-0.003853	0.003636	-0.002685	-0.006667	-0.000317	-0.006170
	0.000942	0.010194	0.000925	0.009037	-0.004937	-0.004323
	-0.000835	-0.002557	-0.010586	-0.006135	-0.000319	-0.012449
	-0.002502	-0.008362	-0.012173	0.005384	-0.005225	0.001938
	-0.011465	-0.003458	-0.009120	-0.001526	0.007957	-0.014641
	0.010567					
y199	-0.026894	-0.003213	-0.001686	0.008878	0.008195	-0.009010
	-0.020610	-0.002046	-0.009921	0.010827	-0.002410	-0.002744
	-0.000425	-0.007574	-0.017491	0.004883	0.002911	-0.023518
	0.001604	0.001604	-0.005211	0.017212	0.002787	-0.013918
	0.003858	0.008825	-0.012150	0.010291	-0.033206	-0.009606
	0.024489					
z199	-0.011013	0.002571	-0.002605	-0.003585	-0.007313	-0.013635
	0.006828	-0.015099	-0.007658	-0.021716	0.010961	-0.008861
	0.012638	0.030422	-0.011442	-0.007725	-0.006030	0.022071
	0.040630	0.007568	0.005304	-0.011115	0.014047	-0.039253
	0.022087	-0.041354	-0.000413	-0.001889	-0.016237	-0.019030
	0.001901					
x200	-0.005915	0.003482	-0.002984	-0.006262	0.000195	-0.004743
	-0.002050	0.007095	-0.000631	0.007647	-0.004901	-0.008026
	-0.003774	-0.010445	-0.017639	-0.001747	0.003343	-0.013777
	-0.000395	-0.000255	-0.012137	0.007348	-0.008312	-0.000597
	-0.012248	0.008504	-0.005831	-0.001653	0.014731	-0.010855
	0.013824					

y200	-0.026171	-0.001155	-0.001396	0.004053	0.012384	-0.007541
	-0.017616	-0.003890	-0.011496	0.000980	-0.007642	0.002595
	-0.008392	-0.015880	-0.026313	0.005460	0.004077	-0.027355
	-0.007856	0.007941	-0.014298	0.028180	0.003737	-0.020906
	0.002122	0.017410	-0.002875	0.023869	-0.019725	-0.014928
	0.016741					
z200	-0.009682	0.004250	0.000022	-0.003229	-0.008661	-0.014599
	0.003657	-0.010634	-0.005293	-0.016016	0.013644	-0.011057
	0.011802	0.037776	-0.010230	-0.010074	-0.007480	0.020017
	0.038112	0.009887	0.004874	-0.015395	0.008769	-0.039245
	0.017044	-0.032152	0.000851	-0.005924	-0.005173	-0.016576
	0.012293					
x201	-0.010466	0.004220	-0.003609	-0.003731	0.002091	-0.004664
	-0.003859	0.002472	-0.006053	0.005479	-0.000663	-0.010301
	-0.011161	-0.016566	-0.023865	-0.000327	0.010029	-0.010351
	-0.002609	0.010880	-0.012200	0.004020	-0.005570	0.005898
	-0.010060	0.017066	-0.000464	-0.003305	0.010420	-0.000184
	0.005852					
y201	-0.024634	0.003103	0.000290	-0.003984	0.017197	-0.008488
	-0.015033	-0.001369	-0.002404	0.003518	-0.002014	0.010682
	-0.002938	-0.020796	-0.022440	-0.000225	0.010310	-0.027841
	-0.005616	0.007428	-0.016402	0.028284	0.015771	-0.019014
	-0.010385	0.021764	0.000082	0.017373	-0.031110	-0.006555
	-0.003889					
z201	-0.007942	0.007318	0.003185	-0.002940	-0.008733	-0.015377
	-0.000185	-0.005901	-0.001777	-0.011906	0.016352	-0.010723
	0.012339	0.048200	-0.007390	-0.014142	-0.006684	0.017296
	0.036282	0.011643	0.009664	-0.019233	0.007877	-0.038604
	0.020735	-0.023001	0.008506	-0.009444	-0.004237	-0.015343
	0.023873					
x202	-0.015605	0.005819	-0.001571	-0.002977	0.012760	-0.003933
	-0.008428	0.008137	-0.011156	0.013240	0.001328	-0.004193
	-0.012218	-0.025195	-0.023311	-0.007128	0.010525	-0.013856
	-0.012751	0.019250	-0.019192	0.007629	-0.006980	-0.005591
	-0.009965	0.018253	0.006095	0.014423	-0.012175	-0.001881
	-0.012081					
y202	-0.020632	0.008859	0.005805	-0.012847	0.018980	-0.007438
	-0.016191	0.004302	0.002507	0.003862	0.008036	0.019511
	0.012341	-0.031548	-0.023155	-0.003999	0.011944	-0.017897
	-0.013502	0.014432	-0.015230	0.019804	0.018814	-0.018462
	-0.011597	0.028371	0.001868	-0.010068	-0.021308	0.002850
	-0.005989					

z202	-0.005250	0.009911	0.006037	-0.003191	-0.007873	-0.016996
	-0.008522	-0.005543	-0.000022	-0.001901	0.019316	-0.013103
	0.015144	0.054035	-0.005371	-0.016287	-0.003751	0.019472
	0.024533	0.029340	0.001847	-0.017181	0.002254	-0.038716
	0.020010	0.001247	0.018882	-0.018678	0.000373	-0.012817
	0.040419					
x203	-0.019204	0.007091	0.004585	-0.007784	0.026452	-0.002742
	-0.012662	0.015479	-0.005126	0.016920	0.013494	0.015251
	-0.001152	-0.044623	-0.022660	-0.003679	0.016918	-0.010151
	-0.022649	0.014478	-0.028640	0.006006	0.001446	-0.016062
	-0.007159	0.020703	0.004410	0.017682	-0.008103	0.010269
	-0.010295					
y203	-0.013534	0.007808	0.010191	-0.011770	0.013476	-0.003529
	-0.013023	0.006788	0.004360	0.001913	0.005840	0.015948
	0.012266	-0.027260	-0.016688	0.000910	-0.000771	-0.012587
	-0.010346	0.002261	-0.005510	0.015192	0.010394	-0.013183
	-0.001126	0.017272	0.012298	-0.012060	-0.003039	-0.006140
	0.005324					
z203	0.000207	0.011984	0.013048	-0.000619	-0.008894	-0.011889
	-0.013381	-0.007764	-0.008057	0.002818	0.013240	-0.017529
	0.012385	0.047263	0.006122	-0.008145	-0.004794	0.026003
	0.008449	0.029182	0.000917	-0.007076	0.004500	-0.028385
	0.007598	0.008333	0.023213	-0.014532	0.006806	-0.007190
	0.042343					
x204	-0.020621	0.006248	0.007927	-0.011751	0.034129	-0.000817
	-0.007193	0.016355	-0.001450	0.015577	0.023251	0.025863
	0.009787	-0.058178	-0.019373	-0.002132	0.019235	-0.008988
	-0.025310	0.001471	-0.026684	0.006346	0.008494	-0.018747
	-0.003034	0.010392	0.001747	0.028697	-0.006315	0.011578
	-0.013540					
y204	-0.007429	0.003631	0.009059	-0.007173	0.010122	0.000110
	-0.005200	0.004870	0.002776	-0.001576	0.003440	0.005504
	0.010953	-0.021132	-0.004588	0.002230	-0.009564	-0.011266
	-0.003996	-0.003193	0.008516	-0.006803	-0.000636	-0.002549
	-0.000317	0.000128	0.017441	-0.007274	-0.014038	-0.005394
	0.003571					
z204	0.002322	0.012050	0.019028	-0.001834	-0.008974	-0.007937
	-0.016393	-0.007628	-0.014867	0.005433	0.007447	-0.014820
	0.007533	0.046039	0.012494	-0.000821	-0.004386	0.028871
	0.002866	0.022491	0.004525	-0.000356	0.009300	-0.024020
	0.006924	0.002945	0.027819	-0.004436	0.002904	-0.008394
	0.038778					

x205	-0.022525	0.002988	0.006836	-0.013828	0.037940	-0.001678
	0.004848	0.011493	0.009129	0.011632	0.031932	0.029694
	0.022759	-0.063912	-0.018537	-0.002217	0.026048	-0.019925
	-0.024324	-0.004075	-0.016872	-0.005553	0.012658	-0.011851
	0.000740	-0.008959	-0.003236	0.039058	-0.014238	0.019798
	-0.020560					
y205	-0.003533	0.001802	0.007754	-0.005675	0.004599	0.002295
	-0.001555	0.002890	0.001674	-0.003244	0.001952	0.002268
	0.010473	-0.010811	0.000666	0.001350	-0.010130	-0.008176
	-0.002644	-0.001903	0.012305	-0.016758	-0.009349	0.011261
	-0.004910	-0.007654	0.021694	-0.004726	-0.007591	-0.006345
	0.007421					
z205	0.003606	0.009365	0.023692	-0.003242	-0.010571	-0.004785
	-0.015960	-0.008916	-0.016668	0.006748	0.005024	-0.014105
	0.006816	0.041767	0.016288	0.007933	-0.003672	0.030407
	-0.001420	0.018952	0.007250	-0.000965	0.011142	-0.018244
	0.010523	-0.007646	0.034021	-0.000704	-0.016236	-0.008247
	0.027403					
x206	-0.023220	0.002588	0.004347	-0.011319	0.040407	-0.001013
	0.014085	0.008895	0.011722	0.009661	0.032304	0.032263
	0.026691	-0.066244	-0.015834	-0.006981	0.033632	-0.034640
	-0.020538	-0.007875	-0.007260	-0.012106	0.014733	0.001364
	-0.003403	-0.011635	-0.003193	0.046216	-0.003824	0.024991
	-0.013661					
y206	0.001098	0.004135	0.008280	-0.005364	-0.000977	0.003173
	-0.005088	-0.000351	-0.005727	-0.003295	-0.001544	-0.000355
	0.004422	0.004751	0.005704	-0.002576	-0.003575	0.003245
	-0.002726	-0.000535	0.005725	-0.007997	-0.004426	0.015048
	-0.007912	0.000573	0.021827	-0.012894	-0.007099	-0.008511
	0.004991					
z206	0.004621	0.006140	0.026765	-0.000829	-0.010922	-0.001003
	-0.014631	-0.005618	-0.019660	0.007968	0.000063	-0.015059
	0.002872	0.037077	0.017710	0.014162	-0.005359	0.020750
	-0.011639	0.010743	0.011635	-0.001468	0.007630	-0.016125
	0.008564	-0.010795	0.039136	0.006052	-0.020210	-0.014794
	0.022133					
x207	-0.023352	0.005283	0.002355	-0.005899	0.042422	-0.003426
	0.016967	0.006413	0.007054	0.010859	0.028291	0.029291
	0.023857	-0.065040	-0.006616	-0.012204	0.037134	-0.037119
	-0.019802	-0.008595	-0.005485	-0.005521	0.022563	0.008592
	-0.002652	-0.009186	0.001103	0.044552	0.005468	0.022065
	0.000481					

y207	0.006410	0.005457	0.009531	-0.002540	-0.008240	0.004498
	-0.009390	-0.001319	-0.010865	-0.001678	-0.006041	-0.008840
	-0.002904	0.020591	0.008260	-0.001371	-0.003673	0.014698
	-0.008210	0.001652	-0.003776	-0.000791	-0.005717	0.005984
	-0.007938	0.008929	0.021304	-0.023123	-0.010932	-0.015464
	0.005289					
z207	0.003451	0.003490	0.026903	0.001761	-0.007311	0.000650
	-0.012283	-0.002649	-0.021820	0.010073	-0.005531	-0.012598
	-0.002387	0.032301	0.018182	0.016511	-0.007498	0.010711
	-0.020398	-0.000640	0.017175	-0.000040	0.005568	-0.014767
	0.010908	-0.015119	0.038805	0.009854	-0.023038	-0.025573
	0.022101					
x208	-0.021303	0.006951	0.002077	0.000657	0.041551	-0.005009
	0.018472	0.003184	0.002507	0.009513	0.024237	0.023792
	0.016550	-0.061151	0.000858	-0.014479	0.039737	-0.035455
	-0.013034	0.002764	-0.009432	-0.000030	0.028279	0.009853
	0.000062	-0.002255	0.006138	0.041833	0.012204	0.022312
	0.009395					
y208	0.010654	0.005135	0.010533	0.000472	-0.016464	0.007812
	-0.009198	-0.002191	-0.009767	-0.000436	-0.012310	-0.015950
	-0.009111	0.033848	0.009011	0.003268	-0.008126	0.027187
	-0.013262	0.004097	-0.005078	-0.000959	-0.016915	-0.006220
	-0.005108	0.007359	0.021415	-0.026200	-0.021502	-0.024302
	0.001786					
z208	0.001764	-0.000666	0.025112	0.004168	-0.003062	0.002117
	-0.008214	0.001197	-0.021881	0.009668	-0.008768	-0.008850
	-0.009078	0.028667	0.016506	0.019775	-0.012161	0.003520
	-0.024604	-0.008378	0.015926	-0.001651	0.006281	-0.006612
	0.011735	-0.017912	0.034799	0.010358	-0.017295	-0.031168
	0.022820					
x209	-0.019880	0.006283	0.002722	0.005145	0.039799	-0.004541
	0.017171	-0.004020	0.000448	0.007354	0.020685	0.017423
	0.010650	-0.055289	0.008041	-0.018644	0.041989	-0.033436
	-0.004141	0.018085	-0.010389	0.011669	0.030245	0.006177
	0.005090	0.000374	0.014899	0.043180	0.002461	0.014767
	0.005186					
y209	0.014539	0.002415	0.010244	-0.001354	-0.024211	0.006264
	-0.013719	-0.004721	-0.007932	0.000600	-0.017456	-0.018931
	-0.014828	0.041769	0.006892	0.002433	-0.020291	0.033571
	-0.018804	0.003810	-0.002542	0.000791	-0.025494	-0.001406
	0.003296	-0.001943	0.014939	-0.032643	-0.030928	-0.032532
	-0.004068					

z209	-0.001127	-0.004385	0.024020	0.006143	0.002246	0.007859
	-0.004756	0.003523	-0.022543	0.007505	-0.011266	-0.002322
	-0.011682	0.023092	0.014024	0.019456	-0.014085	0.002994
	-0.025954	-0.008346	0.012444	-0.007571	0.002857	0.000749
	0.008585	-0.019343	0.036176	0.015210	-0.016374	-0.038994
	0.019413					
x210	-0.019425	0.005510	0.001074	0.006629	0.033458	-0.006031
	0.014097	-0.012638	-0.000718	0.010105	0.018381	0.007933
	0.003895	-0.041810	0.007920	-0.024878	0.044637	-0.031342
	0.000815	0.032688	-0.014321	0.022946	0.029593	-0.000803
	0.013382	0.002623	0.015556	0.039532	-0.010090	0.003461
	-0.003414					
y210	0.018730	-0.000855	0.009199	-0.002701	-0.029632	0.006087
	-0.018633	-0.000802	-0.007897	-0.003252	-0.024065	-0.017060
	-0.021061	0.048845	0.001425	0.001767	-0.030512	0.040502
	-0.024370	-0.001672	-0.003050	-0.007377	-0.029127	0.014643
	0.008480	-0.010562	0.005279	-0.040948	-0.023842	-0.032447
	-0.004478					
z210	-0.006653	-0.008764	0.022979	0.006029	0.006133	0.012812
	-0.002197	0.001324	-0.023770	0.012698	-0.013734	0.003836
	-0.012971	0.014232	0.010898	0.013099	-0.012382	0.006834
	-0.031213	-0.000911	0.008166	-0.014072	-0.005160	0.006600
	0.007178	-0.020558	0.035136	0.015512	-0.022861	-0.051016
	0.013671					
x211	-0.017655	0.003066	-0.002798	0.007773	0.022256	-0.001437
	0.012289	-0.017021	-0.007381	0.009179	0.011827	0.003157
	-0.000708	-0.019152	0.001017	-0.018435	0.042180	-0.028373
	0.001031	0.032948	-0.020916	0.021202	0.024962	0.001541
	0.004757	0.010037	0.016152	0.025571	-0.006478	0.000387
	-0.007735					
y211	0.021655	-0.004831	0.006521	-0.002568	-0.032177	0.008168
	-0.020382	0.014679	-0.009275	-0.016479	-0.026581	-0.007520
	-0.018176	0.051485	-0.008872	0.012123	-0.042468	0.051462
	-0.033223	-0.014904	-0.009892	-0.020420	-0.031583	0.034683
	0.008810	-0.022484	0.002256	-0.051439	-0.023905	-0.026986
	-0.010163					
z211	-0.011580	-0.015851	0.020889	0.005814	0.009795	0.018500
	0.001906	0.003053	-0.025365	0.022743	-0.014503	0.012143
	-0.016668	0.002801	0.007497	0.005872	-0.008281	0.013009
	-0.044717	0.004570	0.007650	-0.025957	-0.012837	0.010794
	0.004402	-0.021627	0.030589	0.010587	-0.016103	-0.056382
	0.012376					

x212	-0.015916	-0.001264	-0.007594	0.008760	0.014603	0.002992
	0.013691	-0.002338	-0.008419	0.004378	0.007952	0.004584
	-0.006884	-0.012785	-0.003000	0.013108	0.028177	-0.021586
	0.000285	0.030935	-0.008808	0.009330	0.021831	0.001472
	-0.004897	0.017485	0.018712	0.025047	0.010144	0.003358
	-0.001370					
y212	0.023358	-0.007183	0.004996	-0.005737	-0.034520	0.009513
	-0.022754	0.024939	-0.001079	-0.030556	-0.022704	-0.003527
	-0.007347	0.045147	-0.017048	0.017569	-0.052596	0.061054
	-0.034939	-0.031132	-0.007019	-0.032186	-0.037971	0.028342
	0.006340	-0.029387	0.004963	-0.053370	-0.027643	-0.016310
	-0.012790					
z212	-0.012514	-0.022051	0.018155	0.007821	0.015681	0.019985
	0.003843	0.005882	-0.020142	0.019908	-0.008407	0.007145
	-0.016211	-0.000469	0.000317	-0.010768	-0.009622	0.021560
	-0.044876	0.000713	0.005919	-0.021728	-0.025682	0.016934
	0.011440	-0.033577	0.019749	0.001472	-0.017601	-0.064228
	0.003781					
x213	-0.015382	-0.005366	-0.012049	0.007514	0.009522	0.007660
	0.013028	0.013698	-0.004261	-0.005404	0.016120	0.002781
	-0.013058	-0.013003	-0.018925	0.031096	0.018895	-0.019697
	-0.002547	0.032898	-0.007468	-0.002511	0.018473	-0.007371
	-0.004109	0.012001	0.004617	0.033156	0.019206	-0.000552
	-0.005826					
y213	0.020173	-0.006614	0.013491	-0.012331	-0.023920	0.006751
	-0.026880	0.001312	-0.004065	-0.021624	-0.031121	0.000749
	-0.004231	0.019232	-0.004773	-0.004043	-0.038341	0.062031
	-0.032676	-0.024141	0.004893	-0.020012	-0.046581	0.023686
	0.010781	-0.021791	0.006560	-0.054108	-0.025083	-0.027281
	0.001349					
z213	-0.010513	-0.025879	0.012563	0.010088	0.010242	0.023857
	0.005246	0.014298	-0.017804	0.009256	-0.003934	0.001922
	-0.015064	0.017582	-0.004185	-0.010659	-0.022527	0.025416
	-0.036859	-0.007386	-0.000551	-0.027982	-0.032462	0.020967
	0.012416	-0.039237	0.010027	-0.014162	-0.031075	-0.059866
	-0.012462					
x214	-0.017698	-0.009595	-0.010834	0.004573	0.015938	0.013766
	0.013656	0.006921	-0.010209	-0.003970	0.015657	0.004307
	-0.016007	-0.017429	-0.020763	0.021930	0.019924	-0.014340
	-0.002077	0.034695	-0.007794	0.000219	0.010968	-0.013275
	0.001843	0.001899	-0.002242	0.034640	0.021135	-0.016411
	-0.005523					

y214	0.019649	-0.006222	0.016015	-0.015341	-0.021484	0.003356
	-0.025520	-0.001009	0.003052	-0.019143	-0.028997	-0.000688
	-0.001414	0.010737	0.001774	-0.004905	-0.033138	0.055512
	-0.031035	-0.021130	0.006209	-0.014153	-0.039331	0.016523
	0.008665	-0.018360	0.009711	-0.044211	-0.013907	-0.023672
	0.008952					
z214	-0.008922	-0.028183	0.008062	0.011063	0.005602	0.026291
	0.002830	0.015695	-0.019377	0.000003	-0.000766	0.000913
	-0.014858	0.028207	-0.007077	-0.010496	-0.025638	0.027693
	-0.028415	-0.012516	0.003398	-0.031149	-0.036280	0.022416
	0.017621	-0.041386	0.003883	-0.024610	-0.044695	-0.045237
	-0.021568					
x215	-0.019009	-0.013547	-0.006141	0.000263	0.025738	0.019454
	0.009480	-0.012540	-0.019214	0.002069	0.012184	0.009654
	-0.010818	-0.023243	-0.014031	-0.000424	0.020632	-0.011179
	0.007210	0.032879	-0.000730	0.007911	0.005036	-0.010921
	0.013256	-0.015274	-0.013027	0.023311	0.013011	-0.027763
	-0.006198					
y215	0.020724	-0.006362	0.015369	-0.017819	-0.022825	-0.000821
	-0.024526	0.007370	0.014254	-0.018621	-0.022292	-0.003135
	0.000042	0.012387	0.004709	0.005418	-0.033145	0.042155
	-0.029085	-0.025001	0.008479	-0.010816	-0.022283	0.009058
	0.006935	-0.021062	0.005522	-0.025153	0.000487	-0.012168
	0.010434					
z215	-0.009192	-0.028448	0.004799	0.012572	0.002557	0.029128
	0.002603	0.010107	-0.023830	-0.006141	0.000993	-0.000366
	-0.015902	0.032761	-0.008427	-0.008920	-0.015903	0.035167
	-0.022738	-0.012937	0.006450	-0.032117	-0.043073	0.018139
	0.017411	-0.035930	0.007340	-0.031726	-0.054539	-0.026116
	-0.022594					
x216	-0.014186	-0.018705	-0.009810	0.001094	0.015129	0.019108
	0.000465	-0.008346	-0.020580	-0.004796	0.017968	0.011182
	-0.004772	-0.015437	-0.011394	-0.001048	-0.004144	-0.023615
	0.015386	0.030804	0.016847	0.006288	0.020166	-0.002216
	0.026796	-0.028145	-0.016801	0.020360	0.000871	-0.011258
	-0.013656					
y216	0.018333	-0.006676	0.017088	-0.024393	-0.016556	-0.004732
	-0.023555	0.001828	0.017611	-0.010499	-0.017476	-0.001557
	0.001091	0.015292	0.017269	0.006794	-0.015678	0.033507
	-0.021559	-0.023596	0.011487	0.002288	-0.003727	0.001418
	0.001991	-0.023942	-0.013299	0.004658	0.033276	0.004004
	0.024746					

z216	-0.010438	-0.027631	0.004066	0.015240	0.004130	0.033242
	0.008670	0.002114	-0.024139	-0.005460	0.000569	-0.004292
	-0.016518	0.026909	-0.009553	-0.004600	0.001625	0.039292
	-0.022330	-0.015869	0.007029	-0.032948	-0.054710	0.006685
	0.009455	-0.026298	0.020557	-0.029164	-0.050299	-0.022216
	-0.016571					
x217	-0.017472	-0.016434	-0.012056	0.004315	0.016118	0.024524
	0.013016	-0.001221	-0.020658	0.000226	0.021409	0.007593
	-0.011694	-0.014072	-0.005197	0.002150	0.010624	-0.012365
	0.014759	0.010628	0.019348	-0.007589	0.009574	-0.029272
	0.006753	-0.015517	0.015110	0.005658	-0.019177	0.001472
	-0.021178					
y217	0.018670	-0.009283	0.016221	-0.030206	-0.014943	-0.010137
	-0.029070	-0.006566	0.017910	-0.012539	-0.014311	-0.002230
	0.002741	0.014701	0.028706	0.004207	-0.011123	0.016002
	-0.013098	-0.028277	0.016903	0.015936	-0.000667	-0.005380
	-0.001971	-0.013376	-0.018811	0.011696	0.027944	0.011417
	0.019698					
z217	-0.008649	-0.028614	0.001962	0.011693	-0.001612	0.033146
	0.002870	-0.000498	-0.017352	-0.009193	0.005117	-0.007138
	-0.015418	0.024779	-0.015702	0.014017	-0.005305	0.019612
	-0.009130	-0.012561	0.012325	-0.024470	-0.035607	0.012813
	0.003376	-0.017617	0.013821	-0.013794	-0.031020	-0.006854
	-0.007813					
x218	-0.018548	-0.016879	-0.006323	0.005799	0.023461	0.028162
	0.013736	-0.012411	-0.022110	0.004735	0.015655	0.002119
	-0.007305	-0.017031	-0.005351	0.001373	0.000385	-0.003328
	0.016412	0.013418	0.014170	-0.000400	-0.008119	-0.034115
	0.005137	-0.016273	0.013275	-0.001144	-0.025560	-0.011415
	-0.008050					
y218	0.023236	-0.011783	0.012843	-0.023418	-0.022279	-0.003575
	-0.023075	0.006920	0.024253	-0.020956	-0.012076	-0.009630
	0.000455	0.030841	0.016358	0.024545	-0.025334	0.022936
	-0.014338	-0.023133	0.014602	-0.002443	-0.003808	0.003801
	0.007032	-0.019961	-0.020050	0.027117	0.033298	0.025309
	0.004394					
z218	-0.009554	-0.031297	0.004823	0.005730	0.001770	0.028522
	-0.003881	-0.020482	-0.023088	0.001243	0.002439	-0.007084
	-0.014871	0.012072	-0.003328	-0.000242	0.003056	-0.002677
	0.000293	-0.013498	0.013552	-0.003966	-0.032921	0.009371
	-0.008243	-0.003084	0.019709	-0.020166	-0.017807	-0.000490
	-0.007977					

x219	0.007822	-0.027383	-0.014978	0.005276	0.006116	0.043053
	0.024155	-0.012055	-0.010713	-0.002155	0.039444	-0.023634
	0.013714	-0.002105	-0.008022	-0.008427	0.005419	0.004134
	0.008710	0.012173	-0.019350	-0.019964	-0.020832	-0.005479
	0.021547	-0.033564	0.013582	0.012297	-0.024942	0.028168
	-0.012038					
y219	0.035144	-0.009587	0.008496	-0.021037	-0.024804	0.012322
	-0.026096	0.003956	0.013963	-0.037078	-0.020916	-0.009036
	0.007877	0.038613	0.005982	0.004989	-0.018611	0.024397
	-0.013713	-0.056685	0.010879	-0.020120	-0.028272	0.020175
	0.013015	-0.023321	-0.000349	-0.005789	-0.005495	0.017855
	0.010016					
z219	-0.030470	-0.032568	0.012367	0.020442	0.016332	0.013007
	0.002315	-0.016112	-0.030932	0.011520	-0.015988	0.006205
	-0.033328	0.001335	-0.006492	0.006105	0.010347	0.006618
	-0.004030	0.019845	0.019911	0.000189	-0.022749	-0.008156
	-0.005278	0.013152	0.017426	-0.013931	-0.001802	-0.030247
	0.006074					
x220	0.001788	-0.034586	-0.023649	0.009807	0.003211	0.067154
	0.026948	0.003639	-0.006582	0.026700	0.057868	-0.040946
	0.033080	-0.004087	0.010757	-0.011862	-0.031300	0.030292
	-0.000735	-0.022698	-0.030994	0.018204	-0.023859	-0.048884
	0.062658	-0.008345	0.035073	0.015872	-0.021043	0.046528
	-0.022768					
y220	0.049635	-0.009996	0.010449	-0.036003	-0.023460	0.015131
	-0.036414	-0.000816	0.010657	-0.027026	-0.008053	-0.006424
	0.006026	0.020967	0.014075	0.022971	0.007047	-0.001432
	-0.005711	-0.026885	0.024566	-0.001991	-0.015824	0.012594
	-0.020480	-0.026827	-0.006206	0.045900	0.023305	0.000327
	-0.001999					
z220	-0.038061	-0.057419	0.007340	0.019893	0.020312	0.008536
	-0.016486	-0.006665	-0.044200	0.028006	-0.050394	0.004977
	-0.036021	0.004632	0.007860	0.021426	0.041056	-0.004016
	0.002034	0.028385	0.020096	-0.008584	-0.009303	-0.001954
	-0.061693	0.034902	-0.012800	0.024394	0.023725	-0.002029
	0.006175					
x221	0.019932	-0.028630	-0.000389	-0.004339	-0.007297	0.022171
	0.006809	-0.007740	-0.014958	-0.007356	-0.015019	0.010278
	0.025991	0.011150	0.017077	0.024326	-0.034092	0.000569
	-0.016997	-0.020441	-0.028240	-0.011234	-0.004372	-0.013436
	-0.023225	-0.004357	-0.005719	0.024190	0.003577	-0.003024
	-0.013991					

y221	0.028321	-0.009579	-0.000638	-0.009067	-0.014500	0.049306
	-0.004834	-0.004539	-0.001412	-0.012148	0.017154	-0.015105
	0.024848	0.000287	-0.019627	0.015319	-0.005817	0.008755
	-0.027877	-0.014459	-0.006331	0.005434	-0.027600	-0.020848
	0.008896	-0.008426	-0.011003	0.016403	-0.001299	0.011790
	-0.004266					
z221	-0.037464	-0.057694	0.000581	0.015707	0.026581	0.015731
	-0.007138	-0.006752	-0.013266	0.028676	-0.028731	-0.010230
	-0.018929	-0.004742	-0.002734	0.002061	0.030541	-0.005584
	0.001129	0.028863	0.033127	0.004037	-0.008922	-0.025475
	-0.010796	0.019909	0.002014	0.028055	0.022755	0.000667
	-0.006245					
x222	0.021798	-0.024757	0.002083	-0.001489	-0.003622	0.027454
	0.005231	-0.011137	-0.013744	-0.003126	-0.006146	0.002607
	0.027243	0.005677	0.007867	0.024872	-0.028614	0.002580
	-0.020801	-0.020726	-0.016508	-0.003189	-0.015546	-0.009965
	-0.021481	-0.005154	-0.014172	0.014845	-0.006482	-0.004958
	-0.011339					
y222	0.022492	-0.012351	-0.005968	-0.006026	-0.020509	0.043628
	-0.006533	-0.003350	0.001551	-0.027623	0.012559	-0.009631
	0.019824	0.014329	-0.018209	0.009845	-0.005836	0.009948
	-0.023367	-0.004270	-0.009398	0.012289	-0.019034	-0.012250
	0.012976	0.005242	0.007743	0.006001	0.016238	0.004151
	-0.005038					
z222	-0.036011	-0.056453	-0.000768	0.021230	0.031319	0.014324
	-0.001594	-0.012809	-0.013184	0.026024	-0.031997	-0.011366
	-0.019763	-0.003978	0.003240	0.001689	0.019162	-0.012803
	0.000617	0.015091	0.026282	-0.005588	0.001583	-0.029779
	-0.024065	0.022623	-0.015145	0.036434	0.024613	0.010703
	-0.011346					
x223	0.021681	-0.028094	0.001342	-0.004305	-0.011036	0.029173
	0.003074	-0.013956	-0.014075	-0.004381	-0.012404	0.002283
	0.013169	0.012849	0.015007	0.024786	-0.025602	0.005825
	-0.016466	-0.014864	-0.002462	0.006111	-0.008635	0.021335
	-0.020732	0.006002	0.000497	0.018479	0.020408	0.023666
	-0.004130					
y223	0.019654	-0.008655	-0.007196	0.002005	-0.018627	0.042140
	-0.000829	-0.008249	0.000337	-0.032570	0.013737	-0.004937
	0.019248	0.018041	-0.018915	0.007063	-0.011625	0.004878
	-0.023988	-0.012671	-0.024261	-0.003586	-0.012595	-0.021598
	0.007212	0.013411	0.006375	0.006994	0.017025	0.004646
	-0.007398					

z223	-0.034860	-0.053462	-0.002329	0.024045	0.036214	0.011495
	-0.001218	-0.012019	-0.008009	0.023720	-0.026332	-0.017027
	-0.014999	-0.012699	0.002468	-0.000499	0.015139	-0.015568
	0.000168	0.012333	0.027156	0.000916	0.005086	-0.043806
	-0.019961	0.016827	-0.029374	0.032887	0.010626	0.005851
	-0.018602					
x224	0.023266	-0.021176	-0.000284	0.002460	-0.011542	0.027681
	0.003218	-0.020055	0.012659	-0.022660	0.003939	-0.017889
	0.001097	0.013329	-0.003994	0.000427	-0.020024	0.008463
	-0.000806	-0.019780	-0.001119	0.022829	-0.006324	0.009327
	-0.003091	0.003943	-0.006228	0.019309	0.022177	0.018143
	-0.004937					
y224	0.020442	-0.008537	-0.008055	0.003575	-0.014128	0.031939
	-0.007947	0.001586	-0.008839	-0.025422	0.019212	0.006175
	0.036897	0.005559	-0.002881	0.019568	-0.022838	-0.011280
	-0.032150	-0.005200	-0.018969	-0.007653	-0.013796	-0.032268
	0.004437	0.007497	0.004273	0.007736	-0.008711	0.000978
	-0.014534					
z224	-0.036008	-0.053304	-0.002942	0.026214	0.037397	0.010860
	-0.000974	-0.013288	-0.010898	0.023235	-0.025759	-0.013569
	-0.010470	-0.014483	0.005972	0.005329	0.009884	-0.016591
	-0.003675	0.010027	0.024274	0.000519	0.011499	-0.049221
	-0.019636	0.018877	-0.032869	0.028717	0.005863	0.007714
	-0.020616					
x225	0.027275	-0.023196	-0.002935	-0.001327	-0.003292	0.022831
	-0.002845	-0.005703	0.008896	-0.022409	0.028097	-0.015124
	0.013257	0.011648	-0.009916	0.008094	-0.017956	0.019701
	0.005516	-0.021039	0.011916	0.024190	-0.027869	0.010725
	-0.013443	-0.001532	0.000611	0.017151	0.004567	0.005049
	0.005160					
y225	0.024134	-0.009247	-0.011359	-0.002918	-0.007362	0.027057
	-0.009065	0.005951	0.001518	-0.030888	0.012210	-0.007545
	0.026308	-0.007751	-0.013301	0.011701	-0.010289	-0.004944
	-0.026080	0.001842	-0.002852	0.001572	-0.021173	-0.025190
	0.000353	0.008409	-0.007043	0.010894	-0.002163	-0.000518
	-0.016092					
z225	-0.036063	-0.051553	-0.003537	0.024917	0.038492	0.009739
	0.000009	-0.012294	-0.011293	0.022082	-0.026937	-0.008724
	-0.001766	-0.021031	0.007940	0.012057	0.002021	-0.018919
	-0.009219	0.008039	0.016865	0.002616	0.014939	-0.058281
	-0.015884	0.016647	-0.038863	0.020605	-0.003005	0.003806
	-0.027127					

x226	0.026876	-0.022224	-0.006253	0.002965	-0.005953	0.021159
	-0.005002	-0.005600	0.005937	-0.023954	0.026258	-0.011974
	0.020938	0.007860	-0.001144	0.018007	-0.018977	0.015224
	0.005234	-0.017923	0.004258	0.019374	-0.021607	0.013192
	-0.002134	-0.000222	0.007081	0.004966	0.003546	0.001288
	0.012457					
y226	0.025144	-0.010771	-0.013454	-0.007180	-0.003889	0.025946
	-0.007373	0.005012	0.006341	-0.038967	0.002795	-0.019381
	0.009671	-0.006042	-0.019892	0.005016	0.003033	0.002907
	-0.011507	0.000423	0.013478	0.006060	-0.026829	-0.010019
	-0.010326	0.013490	-0.012484	0.010722	0.015741	-0.003623
	-0.007605					
z226	-0.034607	-0.048930	-0.004765	0.018915	0.039794	0.007742
	0.001352	-0.010088	-0.005731	0.019624	-0.029999	-0.007909
	-0.001968	-0.027107	0.007773	0.011537	-0.002521	-0.015815
	-0.009911	0.005904	0.011070	0.003388	0.017535	-0.063917
	-0.010749	0.015447	-0.036407	0.018242	-0.003316	0.000128
	-0.034914					
x227	0.027235	-0.021493	-0.006714	-0.002116	-0.012538	0.021442
	0.000091	-0.003727	0.009966	-0.024784	0.016832	-0.009897
	0.015428	0.007055	-0.004247	0.021655	-0.020310	0.002759
	-0.006138	-0.002073	0.006472	0.004374	-0.031488	0.021776
	0.000854	-0.009416	0.003120	0.007421	-0.002010	-0.007026
	0.018002					
y227	0.024493	-0.010761	-0.010941	-0.008761	-0.002675	0.022336
	-0.006412	-0.000034	0.006295	-0.045262	0.001736	-0.015951
	-0.004274	-0.000565	-0.011662	0.009012	0.006781	0.000675
	-0.007483	-0.002798	0.006819	-0.001311	-0.023580	-0.015313
	-0.015859	0.017375	-0.006466	0.013605	0.021961	-0.006856
	-0.004260					
z227	-0.034370	-0.046781	-0.006000	0.013452	0.039793	0.007231
	0.002078	-0.006477	-0.004672	0.015662	-0.033558	-0.003723
	-0.007400	-0.025534	0.011336	0.009383	-0.001471	-0.016682
	-0.011943	0.002560	0.013890	-0.001396	0.020737	-0.059625
	-0.009719	0.014093	-0.026653	0.015386	0.007041	-0.004209
	-0.034397					
x228	0.029354	-0.013261	-0.005347	-0.002549	-0.005676	0.017729
	-0.009585	0.007744	0.018581	-0.034705	0.028595	-0.012162
	0.016718	-0.005991	-0.011678	0.015230	-0.017634	-0.006178
	-0.013701	0.002851	0.022869	0.010291	-0.036818	0.000462
	0.015939	-0.021739	-0.000552	0.005356	-0.018127	-0.032398
	0.015969					

y228	0.019880	-0.014065	-0.007174	-0.001723	-0.007280	0.018159
	-0.009732	-0.010141	0.004656	-0.047239	-0.005849	-0.007479
	0.004313	0.000380	0.018501	0.027909	0.000359	-0.013852
	-0.008877	-0.004775	-0.032310	-0.016298	-0.014878	-0.029770
	-0.012633	0.010119	-0.005140	-0.003086	0.009323	-0.015666
	-0.011775					
z228	-0.033000	-0.047038	-0.007269	0.006926	0.039998	0.004521
	0.000484	-0.002903	0.000837	0.012432	-0.036973	-0.008140
	-0.018129	-0.027735	0.013084	0.008898	0.005385	-0.012217
	-0.008199	0.002689	0.015519	-0.006704	0.015485	-0.054839
	-0.009537	0.010911	-0.016070	0.014871	0.020964	-0.008210
	-0.033636					
x229	0.030281	-0.010317	-0.006494	-0.005361	-0.009252	0.019584
	-0.000380	0.003134	0.017880	-0.027330	0.033468	-0.010645
	0.020251	-0.004086	-0.030447	0.002776	-0.023005	-0.005863
	-0.007618	0.011012	0.034834	0.022044	-0.033622	0.009666
	0.001002	0.004843	-0.012715	0.013844	-0.025209	-0.015997
	0.025118					
y229	0.018757	-0.017018	-0.008520	-0.000105	-0.009473	0.020094
	-0.002034	-0.015408	0.004063	-0.045096	0.004346	-0.006295
	0.015128	-0.000943	0.006647	0.027081	-0.015093	-0.023140
	-0.021982	-0.005529	-0.016361	-0.008154	-0.020791	-0.032688
	-0.013560	0.011696	-0.009795	-0.002324	-0.007876	-0.015190
	-0.003515					
z229	-0.032316	-0.046884	-0.006589	0.001478	0.038441	0.002546
	-0.001323	-0.003037	0.005012	0.011168	-0.040675	-0.008184
	-0.023796	-0.029281	0.017814	0.013964	0.009425	-0.010656
	-0.003680	0.003369	0.011720	-0.008558	0.012113	-0.054349
	-0.011616	0.006382	-0.015333	0.013904	0.023617	-0.008203
	-0.038946					
x230	0.032205	-0.005650	-0.009249	-0.006874	-0.009445	0.012984
	0.002097	-0.001113	0.016266	-0.027086	0.026322	-0.005798
	0.004232	-0.010924	-0.016962	0.015052	-0.018336	-0.014652
	-0.013000	0.011272	0.050946	0.009943	-0.003100	0.000724
	0.016736	0.013456	0.004615	0.027466	-0.011126	0.001650
	0.023192					
y230	0.017038	-0.017301	-0.008691	0.002961	-0.001820	0.021761
	-0.004653	-0.013329	-0.000082	-0.044601	0.014703	-0.005588
	0.007486	0.005596	-0.001503	0.012312	-0.006208	-0.016721
	-0.010100	-0.017589	0.023824	0.000802	-0.009601	-0.011314
	-0.020328	0.027060	-0.003714	0.005148	0.013148	-0.005025
	0.011974					

z230	-0.034151	-0.049524	-0.005475	0.002996	0.035185	0.001881
	-0.003261	-0.012944	-0.000294	0.010187	-0.039513	-0.008536
	-0.019368	-0.018314	0.026033	0.020492	0.007827	-0.009278
	0.001393	-0.003063	0.003749	-0.016880	0.007794	-0.046745
	-0.019561	0.002896	-0.016687	0.008119	0.030730	-0.003288
	-0.037985					
x231	0.032944	-0.003740	-0.010869	-0.008546	-0.006630	0.011502
	-0.000083	-0.000558	0.012530	-0.038061	0.027055	-0.001513
	-0.009583	0.000400	-0.017160	0.012195	-0.012454	-0.010843
	-0.002984	-0.005697	0.058712	0.004816	0.002463	0.012611
	0.010875	0.021196	0.013653	0.024272	0.014776	0.005272
	0.021737					
y231	0.014382	-0.022591	-0.005162	0.000805	-0.007124	0.018390
	0.002175	-0.016548	0.009464	-0.024702	0.006281	-0.009930
	0.005749	-0.008045	0.002821	0.014259	-0.000842	-0.020285
	-0.010321	0.016750	0.017817	0.001790	-0.002227	-0.006830
	-0.014842	0.031892	-0.010409	0.019041	0.009014	0.008908
	0.019095					
z231	-0.035636	-0.047551	-0.009098	0.007654	0.038515	0.000992
	-0.006823	-0.019161	-0.008777	0.002456	-0.025235	-0.009831
	-0.008064	-0.008739	0.027356	0.015795	0.003776	-0.010125
	0.006822	-0.022491	0.021830	-0.017235	0.008498	-0.042434
	-0.024822	0.003926	-0.014703	0.004427	0.038474	-0.002476
	-0.027270					
x232	0.032895	-0.006832	-0.009299	-0.007785	-0.009816	0.014209
	-0.000227	-0.001664	0.014392	-0.039416	0.021086	-0.003433
	-0.008947	0.001586	-0.021042	0.015190	-0.011020	-0.009984
	0.003754	-0.001051	0.034066	0.007054	-0.003095	0.013420
	0.006336	0.026780	0.005361	0.017693	0.010520	0.003780
	0.023261					
y232	0.015813	-0.022551	-0.007201	-0.000717	-0.000950	0.013218
	0.005541	-0.018686	0.011264	-0.023972	0.002166	-0.015233
	-0.002272	-0.013407	0.007191	0.005982	0.005988	-0.011129
	-0.016749	0.024647	0.032499	0.000721	0.009190	0.002873
	0.000368	0.028651	0.001591	0.027125	0.019456	0.010050
	0.014631					
z232	-0.035436	-0.050079	-0.009137	0.008782	0.034137	-0.001994
	-0.005012	-0.021294	-0.005552	0.007910	-0.023365	-0.013803
	-0.003294	-0.009728	0.025568	0.019541	-0.000339	-0.007045
	0.009480	-0.016840	0.007620	-0.020627	0.001591	-0.040363
	-0.020679	-0.002119	-0.019485	0.003300	0.033121	-0.001842
	-0.022825					

x233	0.033150	-0.007243	-0.009264	-0.009134	-0.006676	0.019704
	0.002386	-0.006659	0.013275	-0.047842	0.019375	-0.007961
	-0.012648	0.009606	-0.027978	0.008075	-0.008418	-0.001802
	0.002982	-0.008871	0.008195	0.004540	-0.012463	0.018751
	0.002699	0.016932	-0.003170	0.001422	0.006497	-0.008356
	0.024665					
y233	0.015790	-0.022762	-0.009918	0.000158	0.000739	0.009675
	0.003628	-0.017463	0.008136	-0.032551	0.001322	-0.013072
	-0.001168	-0.004374	0.003872	0.001329	-0.001380	-0.011584
	-0.009939	0.022932	0.024595	-0.004057	0.002433	0.010568
	0.000812	0.018070	-0.003902	0.025128	0.017662	0.000692
	0.002543					
z233	-0.034883	-0.050029	-0.009387	0.009245	0.033663	-0.004589
	-0.003242	-0.021356	-0.004923	0.011139	-0.022086	-0.014248
	-0.002576	-0.010552	0.027336	0.019367	-0.001079	-0.001066
	0.005530	-0.011726	0.008384	-0.023219	0.004991	-0.036870
	-0.008820	-0.006249	-0.014351	0.004085	0.035089	-0.001596
	-0.018621					
x234	0.033170	-0.004507	-0.012679	-0.006284	-0.005734	0.022158
	0.008751	-0.002244	0.013677	-0.048925	0.018085	-0.009988
	-0.010143	0.011287	-0.033418	0.007256	-0.002330	-0.000219
	0.005007	-0.000986	0.009454	0.000847	-0.017638	0.010438
	0.006029	0.011547	-0.003573	0.001764	0.005603	-0.011904
	0.024638					
y234	0.015074	-0.025101	-0.009901	-0.003706	0.003426	0.008423
	0.001136	-0.025542	0.007720	-0.035033	0.006508	-0.013674
	0.000375	-0.005097	0.005136	0.000110	-0.002456	-0.015290
	-0.003654	0.017803	0.014022	0.006004	0.002100	0.013577
	-0.001171	0.020084	-0.004764	0.017172	0.008303	-0.005739
	0.011357					
z234	-0.034679	-0.049604	-0.010880	0.008841	0.031202	-0.008163
	-0.002269	-0.020838	-0.003851	0.011846	-0.021697	-0.015278
	0.000151	-0.008802	0.025615	0.018276	-0.004916	0.003694
	0.007509	-0.007336	0.009680	-0.025327	0.003125	-0.032341
	-0.005240	-0.008097	-0.013941	0.010115	0.040047	-0.000843
	-0.023946					
x235	0.030952	-0.004290	-0.010647	-0.002481	-0.000191	0.024933
	0.019894	-0.003182	0.019565	-0.042194	0.023685	-0.018935
	-0.018284	0.004592	-0.036411	0.012272	0.015995	0.007611
	-0.008265	0.004356	-0.008542	-0.011487	-0.035523	-0.016350
	-0.008753	0.009888	0.003131	-0.004146	0.003183	-0.013651
	0.010627					

y235	0.012553	-0.015972	-0.010872	-0.010767	0.014316	0.014180
	0.005150	-0.021998	-0.003177	-0.043347	0.007160	0.008162
	-0.002125	-0.000540	-0.005702	-0.015146	0.003910	-0.016609
	-0.014465	-0.007122	0.036199	0.009710	0.018419	0.021852
	-0.000194	0.026035	0.004298	0.005253	0.014989	-0.009179
	0.010338					
z235	-0.031693	-0.053654	-0.012582	0.005428	0.023806	-0.015478
	-0.006801	-0.025077	-0.001952	0.010802	-0.017458	-0.017538
	0.002525	-0.005164	0.023974	0.016452	-0.020292	-0.002876
	0.012015	0.002638	0.010057	-0.018054	0.006372	-0.015575
	-0.000862	-0.004378	-0.021396	0.017205	0.032285	0.003748
	-0.018525					
x236	0.034311	-0.006567	-0.011297	-0.002920	0.000522	0.024218
	0.013201	-0.008709	0.015136	-0.049153	0.026958	-0.018467
	-0.020336	-0.000227	-0.033593	0.007428	0.015015	-0.007017
	-0.007400	0.008085	-0.010583	-0.006491	-0.027264	-0.011951
	-0.009566	0.016647	-0.000952	-0.005053	0.006894	-0.013117
	0.025934					
y236	0.007925	-0.012042	-0.012120	-0.011174	0.017610	0.017562
	0.017555	-0.016504	-0.001579	-0.038323	0.003176	0.009742
	0.000016	0.001476	-0.017137	-0.013451	0.016958	-0.002976
	-0.015556	-0.012856	0.039140	0.003850	0.010457	0.019468
	-0.010047	0.023752	0.005767	0.005260	0.023839	-0.004755
	-0.000190					
z236	-0.028906	-0.045782	-0.016996	-0.005740	0.025084	-0.009806
	0.001004	-0.021923	-0.012252	0.004260	-0.010840	0.001393
	0.003944	0.001900	0.001988	-0.003556	-0.031816	-0.007733
	0.001348	-0.007164	0.042357	0.001294	0.024665	0.002733
	-0.005833	0.017849	-0.024003	0.027271	0.030583	0.016119
	-0.012126					
x237	0.035066	-0.005146	-0.012573	-0.003093	0.004387	0.028854
	0.015207	-0.009612	0.009654	-0.052428	0.026369	-0.016264
	-0.022068	0.003338	-0.039524	0.001563	0.018906	-0.009000
	-0.008199	0.003622	-0.006714	-0.006729	-0.022927	-0.006062
	-0.016212	0.017915	0.001307	-0.002731	0.012851	-0.010003
	0.023843					
y237	0.005380	-0.011226	-0.011210	-0.007237	0.020610	0.009091
	0.008967	-0.015177	-0.002027	-0.038196	0.002552	0.015044
	-0.003203	-0.008115	-0.005854	-0.005619	0.012906	0.000562
	-0.014877	-0.014992	0.036297	0.010253	0.017662	0.014707
	0.004158	0.019440	0.010566	0.005929	0.028359	-0.011666
	0.011531					

z237	-0.028297	-0.042745	-0.019018	-0.007441	0.023679	-0.008377
	0.005184	-0.022484	-0.013985	0.001417	-0.011511	0.001111
	0.007392	0.011829	-0.000496	-0.004926	-0.030008	0.002477
	0.004565	-0.003080	0.049893	-0.007009	0.022127	0.007214
	-0.007457	0.014177	-0.023044	0.031086	0.028527	0.016584
	-0.015319					
x238	0.037870	-0.008539	-0.012811	0.000054	0.004555	0.027255
	0.013403	-0.020018	0.004305	-0.053540	0.040424	-0.012051
	-0.017052	0.010738	-0.049667	-0.013461	0.010428	-0.012066
	-0.000275	0.008996	0.014442	0.005607	-0.010638	0.026869
	-0.018213	0.026276	-0.009677	-0.012408	0.001909	0.007805
	0.011932					
y238	-0.001427	-0.012336	-0.008032	-0.000734	0.019300	0.005705
	0.002535	-0.018008	0.007342	-0.033319	-0.002255	0.005319
	0.000496	-0.018217	0.009762	0.012930	0.017757	0.015615
	0.004997	-0.007887	0.007674	0.000845	-0.004617	-0.015592
	0.006671	0.009953	0.013550	-0.007354	0.021050	-0.029166
	0.012462					
z238	-0.025429	-0.037217	-0.019579	-0.011660	0.027376	-0.010904
	-0.001303	-0.012549	-0.014395	-0.009341	-0.016801	0.006694
	0.004259	0.006913	0.004618	-0.006267	-0.017209	-0.001760
	-0.009277	-0.009195	0.028776	-0.017333	0.033306	-0.001365
	0.008217	0.007528	-0.007679	0.025851	0.032692	0.002311
	-0.021623					
x239	0.039751	-0.001186	-0.013393	-0.005402	0.006390	0.025531
	0.013870	-0.015649	0.003266	-0.056710	0.024337	-0.002646
	-0.023235	-0.002753	-0.044038	-0.005334	0.001491	-0.007107
	0.002810	0.022089	0.012496	0.009414	-0.010959	0.014557
	-0.012041	0.022958	-0.018922	-0.007723	0.005641	-0.006399
	0.008038					
y239	-0.002695	-0.019643	-0.007986	0.001198	0.009223	0.001754
	-0.002432	-0.030995	0.010328	-0.028072	0.000006	-0.005780
	0.015989	-0.003112	0.008811	0.011704	-0.005481	0.018020
	0.026275	0.007584	0.018618	0.007323	-0.012259	0.003258
	0.004096	0.007985	0.001484	-0.005351	0.017402	-0.019509
	0.013481					
z239	-0.026544	-0.045116	-0.016271	-0.000193	0.022347	-0.017687
	-0.000689	-0.019912	-0.000100	0.003491	-0.006969	-0.019688
	0.008763	0.000364	0.011035	0.006092	-0.001294	0.005583
	-0.004633	0.001724	-0.011674	-0.029244	0.006786	-0.016981
	0.002359	0.001910	-0.006277	0.016707	0.024302	0.002423
	-0.013604					

x240	0.039460	0.001465	-0.012897	-0.004257	0.009548	0.029145
	0.017836	-0.014608	0.002826	-0.056776	0.017745	0.000470
	-0.031337	-0.006249	-0.041465	-0.000442	0.009635	0.000459
	0.001866	0.025218	0.007729	0.001295	-0.009300	0.011633
	-0.016166	0.023157	-0.015440	-0.009599	0.014960	-0.003367
	0.017026					
y240	-0.003185	-0.023300	-0.008508	-0.002418	0.011298	-0.001668
	-0.001267	-0.030573	0.008212	-0.027829	0.006994	-0.006731
	0.020279	0.000261	0.001568	-0.004188	-0.004254	0.002969
	0.010849	0.001548	0.016451	0.010355	-0.000709	0.013993
	0.004113	0.008836	0.006274	-0.002845	0.019365	-0.010944
	0.002230					
z240	-0.026304	-0.042257	-0.016585	0.001819	0.019058	-0.019990
	-0.003585	-0.021248	0.000168	0.001866	-0.007653	-0.019541
	0.009446	0.002298	0.014053	0.011774	-0.003500	0.012322
	0.003137	0.007798	-0.009015	-0.030180	0.001360	-0.019493
	0.007725	-0.000284	-0.006878	0.016451	0.023949	-0.005078
	-0.005777					
x241	0.038306	0.004094	-0.011227	-0.001993	0.014172	0.034399
	0.026379	-0.013344	0.000952	-0.056063	0.010880	0.001056
	-0.039447	-0.004259	-0.042021	-0.000257	0.021682	0.012356
	-0.003174	0.027930	-0.004136	-0.011216	-0.009520	0.011464
	-0.018513	0.015478	-0.010494	-0.008792	0.021662	-0.005357
	0.027384					
y241	-0.009392	-0.019855	-0.007811	-0.001508	0.013236	-0.004238
	0.005895	-0.023672	0.011930	-0.012404	0.006419	-0.008037
	0.016199	-0.007576	0.005542	0.004662	0.003073	0.013277
	0.005649	0.004784	0.022702	0.001590	-0.000440	-0.008924
	0.006378	0.011225	0.018809	0.004821	0.019984	-0.007593
	0.012226					
z241	-0.023301	-0.041704	-0.017414	0.002136	0.016769	-0.022021
	-0.007671	-0.024544	-0.002002	-0.006403	-0.002131	-0.020075
	0.014731	0.008305	0.008983	0.003781	-0.007665	0.007487
	0.002568	0.008869	-0.012213	-0.025324	-0.000070	-0.008371
	0.011523	-0.004172	-0.012445	0.013542	0.020390	-0.011517
	-0.009141					
x242	0.039088	0.005563	-0.011241	-0.001973	0.012338	0.026186
	0.020398	-0.018181	0.003786	-0.055730	0.011946	0.004398
	-0.038393	-0.012881	-0.035168	-0.002360	0.008092	-0.000187
	-0.000329	0.042056	0.004435	-0.000171	0.003864	0.011416
	-0.009942	0.020470	-0.015898	-0.002681	0.011018	0.001367
	0.018779					

y242	-0.009837	-0.021740	-0.005595	-0.003166	0.017528	-0.003131
	0.002580	-0.025932	0.007563	-0.020568	0.007959	-0.009974
	0.018411	0.007523	0.002283	0.006679	0.000699	0.025438
	0.006959	-0.003839	-0.001467	0.004958	-0.006538	-0.002511
	0.015256	-0.003544	0.015211	-0.010330	0.021761	-0.018135
	0.007989					
z242	-0.023632	-0.038802	-0.018620	0.003463	0.011772	-0.025499
	-0.006181	-0.024477	-0.000029	-0.001032	0.000399	-0.021227
	0.013599	0.002738	0.008714	0.002186	-0.005265	0.002897
	0.001865	0.012754	0.002705	-0.026724	0.002843	-0.010043
	0.006309	0.005088	-0.009553	0.024413	0.019579	-0.005350
	-0.003909					
x243	0.039740	0.009965	-0.009505	-0.001404	0.012552	0.023100
	0.014899	-0.020913	0.006829	-0.054801	0.018799	0.007592
	-0.035048	-0.033718	-0.035993	-0.004321	0.000387	-0.004309
	-0.008809	0.044428	0.017485	0.010527	0.022025	0.000393
	-0.001544	0.019489	-0.015187	0.006171	-0.001051	0.011780
	0.012451					
y243	-0.013011	-0.022275	-0.003993	-0.002194	0.016398	-0.007675
	0.001806	-0.025319	0.004432	-0.014989	0.006251	-0.008984
	0.020750	0.012528	0.003905	0.008425	0.001009	0.015005
	0.005196	-0.008796	0.007910	0.007159	0.010545	-0.002558
	0.019943	0.005067	0.008900	-0.007962	0.024385	-0.004145
	0.009057					
z243	-0.022082	-0.036844	-0.019763	0.002139	0.010096	-0.025077
	-0.005780	-0.024985	-0.000283	-0.004399	0.003402	-0.020646
	0.009124	0.004592	0.004385	-0.002713	-0.003210	0.006632
	0.003707	0.012405	-0.001893	-0.026230	-0.002408	-0.002847
	0.004671	0.003000	-0.003080	0.023957	0.020916	-0.011088
	-0.004124					
x244	0.038270	0.010908	-0.007266	-0.002161	0.014133	0.023296
	0.019615	-0.023198	0.004641	-0.052558	0.012919	0.008996
	-0.043600	-0.032050	-0.033343	0.000502	0.006000	-0.000310
	-0.011636	0.042197	0.018062	0.004590	0.028534	0.009297
	-0.008590	0.026056	0.005101	0.009166	0.013810	0.018170
	0.016092					
y244	-0.018334	-0.022236	-0.005071	-0.003085	0.008346	-0.016170
	-0.005301	-0.022036	0.007880	-0.005656	0.010374	-0.010922
	0.024587	0.000678	0.009597	0.000632	-0.010780	0.010052
	0.006909	0.000674	0.020090	0.007875	0.019299	-0.008048
	0.020684	0.002484	0.009248	0.016449	0.010159	-0.006364
	0.004911					

z244	-0.018929	-0.034129	-0.019329	0.001805	0.014437	-0.024099
	-0.001651	-0.026033	-0.001669	-0.011190	0.007553	-0.018267
	0.009169	0.010794	-0.004943	-0.002076	0.003735	0.004177
	0.001002	0.006566	-0.010396	-0.019428	-0.004720	-0.004541
	0.016113	0.003195	-0.005562	0.003125	0.020789	-0.016105
	-0.002950					
x245	0.036870	0.010156	-0.005921	-0.005605	0.016249	0.027197
	0.023159	-0.024176	0.000338	-0.064513	0.009456	0.005887
	-0.033898	-0.015433	-0.039051	-0.003481	0.004344	0.009753
	-0.002899	0.037814	-0.007018	0.006145	0.005235	0.010843
	-0.024517	0.018623	-0.007210	-0.014706	0.012286	-0.001869
	0.007371					
y245	-0.022132	-0.020895	-0.006437	-0.005757	0.005718	-0.017290
	-0.005253	-0.017528	0.009127	0.002431	0.006368	-0.012348
	0.022903	0.003360	0.006177	0.002846	-0.008120	0.011296
	0.011345	0.002040	0.025618	0.004813	0.017789	-0.010887
	0.017168	0.003612	0.012293	0.027207	0.012134	-0.008985
	0.005603					
z245	-0.017248	-0.032032	-0.017827	0.002332	0.012831	-0.026590
	-0.000860	-0.031066	-0.001465	-0.016817	0.014782	-0.018295
	0.009610	0.011241	-0.008265	-0.004018	0.000786	0.004449
	0.000381	0.005873	-0.012920	-0.011000	-0.004163	-0.001130
	0.018920	0.002673	-0.010862	-0.003826	0.013628	-0.022307
	-0.000553					
x246	0.035677	0.011539	-0.004667	-0.006563	0.017219	0.025122
	0.023411	-0.025062	0.001706	-0.065884	0.007044	0.005935
	-0.023611	-0.013420	-0.039222	-0.003196	0.003699	0.009895
	-0.002475	0.036301	-0.012620	0.005674	0.001687	0.002873
	-0.018571	0.017324	-0.012628	-0.019007	0.003669	-0.000663
	0.000763					
y246	-0.024854	-0.021638	-0.007144	-0.010172	0.004566	-0.018654
	-0.003566	-0.014494	0.006323	0.007890	0.000800	-0.011244
	0.019416	0.011848	0.004245	0.005913	-0.005097	0.008988
	0.013522	-0.000112	0.015074	0.002439	0.012800	-0.009372
	0.016591	0.003402	0.003767	0.023251	0.013853	-0.012013
	0.004277					
z246	-0.016799	-0.027569	-0.017603	0.002562	0.008623	-0.027959
	-0.000283	-0.034408	-0.000188	-0.019048	0.019033	-0.018671
	0.008043	0.009029	-0.011335	-0.005202	-0.004592	0.008477
	0.005871	0.006700	0.001537	-0.002898	-0.002222	0.002269
	0.014704	0.001806	-0.010784	0.000529	0.013030	-0.025637
	0.005401					

x247	0.030962	0.011156	-0.003077	0.003595	0.016037	0.024108
	0.015180	-0.029653	-0.003274	-0.066053	0.022395	0.003453
	-0.010266	-0.005997	-0.035535	-0.014581	0.000140	0.014674
	0.004870	0.023234	0.010706	0.007537	0.002270	0.008155
	-0.023555	0.021973	-0.004712	-0.013511	0.003106	0.003573
	0.002622					
y247	-0.026397	-0.021909	-0.007614	-0.015914	0.002582	-0.025781
	-0.005550	-0.004896	0.008256	0.010636	-0.014154	-0.012762
	0.012108	0.006096	0.013258	0.006868	0.000227	-0.000923
	0.007827	0.008285	-0.016072	-0.006080	0.009643	-0.009599
	0.034949	-0.010951	0.000334	0.019550	0.000565	-0.020869
	-0.005074					
z247	-0.014996	-0.023038	-0.017000	-0.005701	0.006997	-0.026759
	0.005362	-0.032155	0.000580	-0.021033	0.014058	-0.012971
	0.000870	0.001906	-0.022853	-0.008990	0.000176	0.004667
	0.000911	0.007427	-0.002363	-0.000904	0.005915	0.003418
	0.011866	0.003036	-0.011414	0.004152	0.015212	-0.030066
	0.004715					
x248	0.027456	0.011239	-0.002738	0.005170	0.013661	0.022486
	0.015518	-0.027399	-0.005411	-0.061183	0.021247	0.001272
	-0.006264	-0.007666	-0.030399	-0.015990	0.001841	0.017381
	0.007352	0.018359	0.015944	-0.000120	0.004254	-0.000630
	-0.028027	0.019490	0.000301	-0.010873	0.005349	0.004003
	0.000767					
y248	-0.030942	-0.021140	-0.008760	-0.003157	0.002139	-0.029610
	-0.012938	-0.005251	0.001894	0.018454	0.001682	-0.014689
	0.016482	0.013920	0.010950	-0.002640	-0.001981	0.001339
	0.010001	-0.007634	0.013212	-0.001352	0.016101	0.004670
	0.035578	-0.012678	0.003207	0.022762	-0.000125	-0.004379
	0.003700					
z248	-0.014118	-0.023453	-0.015711	-0.003485	0.007602	-0.026683
	0.004644	-0.033067	0.001344	-0.027194	0.012749	-0.017645
	0.001418	0.002601	-0.019620	-0.007401	0.007450	0.005634
	0.007885	0.011662	-0.017353	-0.006274	0.000777	-0.005043
	0.014120	-0.003770	-0.013732	-0.001498	0.011589	-0.033778
	0.003727					
x249	0.026268	0.012682	-0.002833	-0.004515	0.013171	0.017516
	0.018219	-0.021586	-0.002854	-0.057463	0.010956	0.004362
	-0.004464	-0.013708	-0.030371	-0.011180	0.006981	0.013197
	0.004724	0.020232	-0.004558	-0.010713	0.006389	-0.009070
	-0.020251	0.012475	0.002246	-0.017286	0.001824	-0.010587
	-0.007199					

y249	-0.033759	-0.019164	-0.009699	-0.000404	0.001260	-0.029719
	-0.013947	-0.002505	-0.002395	0.024665	0.003633	-0.011578
	0.016429	0.020135	0.006094	-0.002431	-0.002224	0.003642
	0.012611	-0.012738	0.023420	0.000883	0.010871	0.006807
	0.032738	-0.017300	-0.002017	0.020343	0.001674	-0.004320
	0.010238					
z249	-0.012717	-0.021627	-0.015748	-0.005611	0.006969	-0.027711
	0.003552	-0.032541	0.002983	-0.032613	0.010798	-0.014449
	-0.000978	0.000363	-0.016857	-0.011196	0.010323	0.005263
	0.008303	0.018393	-0.023938	-0.007999	0.008336	-0.005416
	0.023195	-0.005726	-0.006746	-0.005061	0.009473	-0.034165
	0.000053					
x250	0.025335	0.013615	-0.002589	-0.007144	0.009199	0.013913
	0.016499	-0.022699	-0.000326	-0.056512	0.005697	0.004327
	-0.002284	-0.010576	-0.026675	-0.012997	0.000754	0.006246
	0.011586	0.016627	-0.010008	-0.013211	0.009845	-0.008990
	-0.020524	0.010231	-0.000661	-0.017230	0.001306	-0.014633
	-0.012308					
y250	-0.034639	-0.018976	-0.009845	-0.001677	0.000865	-0.030836
	-0.012688	0.000548	-0.001706	0.032582	0.001999	-0.011738
	0.013244	0.018051	0.003095	0.005252	-0.004909	0.007143
	0.008217	-0.004942	0.016431	0.005821	0.003739	0.003284
	0.031101	-0.025233	-0.012007	0.014325	-0.005399	-0.009518
	0.009523					
z250	-0.013139	-0.017919	-0.016919	-0.001069	0.006653	-0.026375
	-0.000475	-0.034069	-0.000526	-0.037962	0.015123	-0.011288
	0.006450	0.005261	-0.017126	-0.015618	0.008482	0.009146
	0.016933	0.014911	-0.002876	-0.008308	0.010891	-0.005235
	0.021151	-0.005044	-0.004247	-0.004707	0.008535	-0.028103
	0.003353					
x251	0.022414	0.014671	-0.000241	-0.004095	0.008658	0.010750
	0.015753	-0.024437	0.002595	-0.055686	0.010227	0.005314
	-0.002688	-0.004469	-0.022862	-0.016108	-0.002023	0.011512
	0.011544	0.005870	-0.009076	-0.012087	0.014994	-0.002787
	-0.024009	0.012677	0.003768	-0.010364	0.010034	-0.008666
	-0.013269					
y251	-0.035805	-0.017355	-0.010053	0.001115	-0.000823	-0.028534
	-0.015430	-0.000588	-0.000300	0.033542	0.004628	-0.009065
	0.007412	0.022487	-0.001508	0.000435	-0.009236	0.005848
	0.010775	-0.006758	0.015301	0.020166	0.008824	0.005699
	0.033551	-0.023058	-0.018368	0.009149	-0.008491	-0.006701
	0.007183					

z251	-0.013385	-0.013982	-0.016268	-0.001419	0.006854	-0.026289
	-0.001580	-0.030748	-0.002242	-0.040184	0.013600	-0.006700
	0.011960	0.003607	-0.017890	-0.012977	0.008283	0.016009
	0.020858	0.016732	0.001375	-0.011672	0.007086	-0.010531
	0.018167	-0.007606	-0.007935	0.002691	0.006598	-0.027047
	0.006961					
x252	0.019877	0.013239	0.001333	-0.005341	0.008156	0.006396
	0.011971	-0.017108	-0.000460	-0.048213	0.010876	0.009466
	0.003761	-0.009688	-0.017108	-0.010625	-0.002040	0.013300
	0.006662	0.005369	-0.002536	-0.016004	0.009380	-0.006226
	-0.021248	0.013808	0.007394	-0.007312	0.003172	-0.001868
	-0.012712					
y252	-0.037886	-0.015110	-0.011138	0.004790	-0.001994	-0.027730
	-0.014659	0.001056	0.001465	0.039075	0.001566	-0.007625
	-0.000163	0.022425	-0.000421	-0.000018	-0.007518	0.005603
	0.011106	-0.006686	0.020126	0.022918	0.013702	0.011291
	0.033434	-0.015272	-0.016232	0.011434	0.001679	0.001853
	0.012585					
z252	-0.013128	-0.012114	-0.013543	-0.002248	0.004879	-0.025917
	-0.004191	-0.030157	-0.002490	-0.043224	0.013604	-0.001988
	0.014904	0.007125	-0.023285	-0.014776	0.004765	0.020550
	0.026255	0.015242	-0.002949	-0.010040	0.004169	-0.012800
	0.018934	-0.006754	-0.010746	0.001872	-0.001420	-0.024655
	0.003348					
x253	0.018370	0.009439	-0.000030	-0.007634	0.006667	0.001521
	0.011598	-0.016188	-0.002388	-0.040926	0.009782	0.002207
	0.011912	-0.007401	-0.014625	-0.005622	-0.006163	0.014596
	0.008548	0.005379	-0.009510	-0.016127	-0.001354	-0.002229
	-0.030619	0.005942	0.000646	-0.012760	0.000349	-0.009297
	-0.017608					
y253	-0.037831	-0.017272	-0.011858	0.005282	-0.001334	-0.026658
	-0.014688	0.004200	-0.002007	0.047898	0.002042	-0.010582
	0.005609	0.018759	-0.001103	0.004098	-0.008699	0.006754
	0.005721	-0.001548	0.019489	0.022819	0.002101	0.009480
	0.028870	-0.017334	-0.024902	0.010540	-0.003119	0.005494
	0.021920					
z253	-0.013153	-0.008344	-0.013083	-0.001110	0.003079	-0.025731
	-0.005279	-0.030773	0.000313	-0.046454	0.014797	0.003256
	0.013492	0.008035	-0.027278	-0.017457	0.004896	0.018754
	0.032924	0.018358	0.000108	-0.009730	0.009183	-0.017154
	0.019338	-0.004975	-0.005071	0.002491	-0.000149	-0.025063
	-0.001458					

x254	0.016107	0.014215	-0.003199	-0.003715	0.004911	-0.001057
	0.013235	-0.022577	0.006344	-0.043111	0.006243	-0.006058
	0.009553	-0.005803	-0.006512	-0.018722	-0.010017	0.007882
	0.014835	-0.006330	-0.023193	-0.010287	0.014988	-0.005398
	-0.022775	0.003478	-0.003346	-0.017323	0.006949	-0.010538
	-0.025951					
y254	-0.038173	-0.018420	-0.011811	0.005919	-0.001313	-0.022592
	-0.014112	0.004195	-0.004920	0.048809	0.001612	-0.010097
	0.003369	0.022587	-0.008337	0.004308	-0.008994	0.007813
	-0.000142	0.003879	0.016261	0.020090	-0.010423	0.011007
	0.020249	-0.014219	-0.033013	0.007624	0.003283	0.010630
	0.025544					
z254	-0.012622	-0.006015	-0.013408	0.000760	0.004139	-0.026431
	-0.006707	-0.029746	-0.001742	-0.046602	0.015309	0.006648
	0.017150	0.005293	-0.028157	-0.019966	0.005762	0.012979
	0.037348	0.018295	0.002607	-0.010441	0.013007	-0.019894
	0.015636	-0.001246	-0.001406	0.006680	-0.000972	-0.019976
	-0.006959					
x255	0.014221	0.012440	-0.005101	-0.006299	0.007216	-0.006916
	0.008499	-0.018057	-0.001667	-0.043272	0.005734	-0.001034
	0.011816	-0.010889	-0.000371	-0.011009	-0.006499	0.003710
	0.009738	-0.014467	-0.010363	-0.004698	0.020500	-0.001928
	-0.023227	0.004229	0.008470	-0.008443	0.010312	-0.015504
	-0.024496					
y255	-0.039520	-0.014190	-0.011727	0.011469	-0.003733	-0.018207
	-0.011638	-0.000028	0.002578	0.044104	0.001673	-0.010329
	-0.002307	0.020826	-0.015051	-0.008736	-0.009915	-0.001302
	-0.005424	0.007759	0.011636	0.021707	-0.005483	-0.000524
	0.027237	-0.005203	-0.041208	0.009011	0.012569	0.018568
	0.028274					
z255	-0.012027	-0.004832	-0.012807	-0.001574	0.007353	-0.027708
	-0.009701	-0.022946	-0.008372	-0.046838	0.018187	0.009989
	0.024800	0.002878	-0.030304	-0.020069	0.006107	0.010372
	0.038795	0.015703	-0.000725	-0.008625	0.012029	-0.016407
	0.010839	0.000633	0.004106	0.010255	-0.005072	-0.016492
	-0.012277					
x256	0.016687	0.019445	-0.002234	-0.010136	0.032482	-0.013310
	-0.018918	-0.040746	-0.029607	-0.066750	0.008428	-0.003742
	0.044426	-0.026504	-0.006130	0.007821	0.019642	-0.018970
	0.034774	0.011805	-0.040428	0.001116	0.014685	0.014060
	-0.035588	0.012682	0.049468	-0.002829	0.011508	-0.048981
	-0.024259					

y256	-0.037480	-0.010410	-0.010466	0.012618	0.014444	-0.022824
	-0.034097	-0.001005	-0.014650	0.027858	0.005684	-0.004670
	0.019385	0.009028	-0.009952	0.011693	0.004135	-0.009153
	0.000457	0.012424	-0.005156	0.019344	-0.011317	-0.006661
	0.024100	-0.009515	-0.024332	0.005044	0.016745	0.003498
	0.027649					
z256	-0.014289	-0.005063	-0.014264	0.001770	-0.001748	-0.023383
	0.003782	-0.015959	0.006652	-0.033141	0.021348	0.006024
	0.018781	0.005116	-0.036716	-0.032573	-0.006169	0.013493
	0.019894	0.007860	0.001711	-0.001662	0.010682	-0.018724
	0.006014	0.007054	-0.006779	0.013957	-0.005737	-0.003417
	-0.010057					
x257	-0.028798	-0.056093	-0.048624	0.010503	0.005327	0.013688
	0.013139	0.012453	-0.007499	0.007117	0.033523	-0.008927
	0.021157	-0.020121	-0.043969	-0.018625	-0.023407	-0.006682
	0.065812	0.024447	0.006625	-0.019435	-0.040404	0.005529
	0.033623	-0.043676	-0.039883	0.049701	0.027210	0.040162
	-0.025194					
y257	-0.018538	-0.067202	-0.005979	-0.050894	-0.063712	-0.021515
	-0.029695	-0.005338	-0.104421	0.025887	-0.022585	-0.111184
	0.036925	0.024689	-0.058156	0.036524	-0.028881	-0.039930
	0.017239	-0.011056	-0.007302	0.089516	-0.194289	0.022828
	-0.048367	0.012746	-0.029766	-0.056179	-0.123481	0.055849
	-0.066635					
z257	-0.008709	-0.008581	0.068272	0.019558	0.028070	0.009933
	0.029752	-0.038451	-0.014826	-0.006622	0.039895	0.015108
	-0.045111	0.020518	0.094106	0.014952	-0.015115	0.015785
	-0.013422	-0.015797	-0.031964	-0.020566	-0.009715	-0.025187
	-0.051521	-0.027738	0.027591	0.031088	0.047973	0.000355
	0.026571					
x258	0.003952	-0.043208	-0.012512	-0.002717	0.002690	0.029105
	0.016977	-0.025102	0.040906	0.059357	0.050329	-0.033015
	0.038468	-0.017397	-0.021463	0.050825	-0.006639	0.029687
	0.023208	0.033431	-0.019340	-0.003221	-0.030463	-0.039377
	-0.044564	0.008388	-0.053355	0.007876	-0.013303	-0.014611
	0.018324					
y258	0.003558	-0.000205	0.013567	-0.005126	-0.004963	-0.002084
	0.005091	0.003159	0.015459	-0.007468	-0.006886	0.010951
	0.015704	-0.004374	0.012589	-0.004727	-0.020298	-0.035917
	0.026060	-0.015980	-0.015744	-0.014157	-0.051172	0.025239
	-0.002198	-0.021042	-0.005648	0.019962	-0.045676	0.013228
	-0.013556					

z258	-0.010939	0.002185	0.055275	0.027675	0.030720	-0.000538
	0.016850	-0.042176	-0.009342	0.001121	0.042624	0.028989
	-0.045448	-0.005507	0.084021	0.006418	-0.017746	0.014556
	-0.044237	0.012331	-0.008830	-0.036911	-0.017907	-0.044676
	-0.011621	0.006362	-0.013439	0.011197	0.052454	0.000388
	0.061594					
x259	0.004221	-0.024518	-0.013777	-0.001702	0.009254	0.023787
	0.016581	-0.034697	0.032957	0.040774	0.050126	-0.027950
	0.016151	-0.012899	-0.014622	0.051627	-0.001788	0.036750
	-0.007999	0.030948	-0.028143	0.015817	-0.001168	-0.039842
	-0.025916	0.019728	-0.020494	-0.005313	-0.012961	-0.020066
	0.007755					
y259	0.003489	0.020286	0.008156	-0.009290	-0.003296	0.009228
	-0.006715	0.019881	-0.003050	-0.030317	-0.039352	0.022868
	-0.003198	0.009996	0.012970	-0.031624	0.000284	-0.035610
	0.005783	-0.030085	0.013637	0.006947	-0.013839	0.049796
	0.008555	-0.013263	0.006374	0.016394	-0.027434	-0.009483
	-0.018482					
z259	-0.012602	0.015538	0.055204	0.026613	0.026158	-0.000843
	0.006959	-0.028347	-0.020365	0.000643	0.037226	0.018445
	-0.038271	0.009363	0.089196	-0.015512	-0.016686	0.004277
	-0.049138	0.018000	-0.016395	-0.024539	-0.008356	-0.028689
	-0.006143	0.011485	-0.027089	0.004408	0.041328	-0.006928
	0.049556					
x260	0.004412	-0.013321	-0.015998	-0.002499	0.013881	0.015059
	0.019205	-0.024212	0.033552	0.039734	0.040641	-0.000569
	0.008047	-0.014137	0.004200	0.034598	0.000723	0.021680
	-0.004394	0.020722	-0.017458	0.004608	0.006231	-0.038031
	-0.025029	0.026650	0.006984	-0.002365	-0.010436	-0.021011
	0.001427					
y260	0.014420	0.024731	0.014459	-0.017529	0.000894	0.016082
	-0.006453	-0.002355	-0.016634	-0.051582	-0.022283	0.013163
	-0.027713	0.010602	0.016961	-0.008130	-0.024641	-0.002197
	-0.022130	-0.035239	0.020794	0.033547	0.012147	0.042893
	0.030263	-0.005177	0.027262	0.008814	-0.023242	-0.008257
	-0.017141					
z260	-0.005827	0.017530	0.061652	0.023767	0.038151	0.010567
	0.023281	-0.036777	-0.009909	-0.022541	0.052643	0.029281
	-0.030117	-0.007446	0.111124	-0.002454	-0.042648	0.008162
	-0.048914	0.000709	-0.018662	-0.015498	-0.001750	-0.018098
	0.013207	0.005695	0.000809	0.005920	0.046071	-0.003423
	0.046216					

x261	-0.001426	-0.006744	-0.023561	0.002327	0.003637	-0.003666
	0.006045	0.013570	0.035942	0.063857	-0.002783	0.015472
	0.018641	-0.007904	0.008729	-0.018226	0.018959	-0.024662
	0.027764	0.029146	0.011274	-0.017181	-0.011109	-0.017470
	-0.038031	0.022361	-0.011986	0.015480	-0.010917	-0.012775
	0.001489					
y261	0.013443	0.021011	0.012872	-0.020878	-0.002871	0.016966
	-0.012371	0.001119	-0.024752	-0.051583	-0.020136	0.003393
	-0.033175	0.017967	0.012299	-0.015002	-0.031101	0.001988
	-0.011846	-0.040505	0.027489	0.036218	0.009443	0.037932
	0.033781	-0.014478	0.021668	0.014795	-0.021871	-0.014993
	-0.014985					
z261	-0.000535	0.025208	0.068599	0.019754	0.039405	0.018934
	0.029855	-0.033824	-0.012889	-0.033509	0.060665	0.020722
	-0.024590	-0.007915	0.116711	-0.001880	-0.048929	0.014895
	-0.051868	0.002896	-0.030923	-0.001402	-0.005146	-0.006088
	0.024850	0.007753	0.005113	0.000415	0.033579	-0.001062
	0.049730					
x262	-0.001743	-0.005359	-0.027126	0.001836	-0.000527	-0.012310
	-0.001345	0.028169	0.035583	0.073090	-0.029654	0.022099
	0.016407	0.005559	0.013660	-0.041478	0.021850	-0.041409
	0.041307	0.018501	0.034059	-0.031671	-0.015421	0.003634
	-0.037112	0.019125	-0.015968	0.034791	-0.000563	-0.007863
	0.006220					
y262	-0.001027	0.012622	0.002781	-0.017093	-0.011484	0.017916
	-0.022629	0.028697	-0.032064	-0.042397	-0.047863	-0.003702
	-0.022491	0.029374	-0.012487	-0.042478	-0.007103	-0.019915
	0.019493	-0.041297	0.025735	0.022220	-0.015301	0.043939
	0.017243	-0.029411	-0.003196	0.021408	-0.018049	-0.016387
	-0.010749					
z262	-0.003522	0.028436	0.068304	0.017205	0.032447	0.022107
	0.027418	-0.008967	-0.015520	-0.026996	0.045712	0.012213
	-0.009332	0.002790	0.112036	-0.025865	-0.031726	-0.002538
	-0.029695	0.002232	-0.037318	-0.007061	-0.024185	0.018091
	0.018240	0.005634	-0.014243	0.005072	0.021425	-0.006329
	0.047423					
x263	0.004925	-0.007174	-0.024501	-0.003160	0.006592	-0.006867
	0.003608	0.002424	0.026289	0.047940	-0.016491	0.016962
	-0.003666	0.006968	0.010063	-0.014977	-0.001793	-0.006919
	0.014371	0.002049	0.027799	-0.015006	-0.006197	-0.004124
	-0.021555	0.013167	-0.000345	0.019414	0.007143	-0.010760
	0.006293					

y263	-0.007057	0.005155	0.001553	-0.016113	-0.011069	0.027327
	-0.019463	0.024046	-0.039347	-0.049694	-0.049100	-0.011639
	-0.025425	0.044471	-0.023305	-0.039532	-0.008315	-0.017310
	0.027787	-0.050298	0.010870	0.019799	-0.019691	0.036682
	0.014751	-0.032386	0.002346	0.019065	-0.006552	-0.010668
	-0.022327					
z263	0.000789	0.031589	0.074302	0.010853	0.033134	0.026168
	0.032396	-0.010247	-0.019738	-0.033045	0.052014	0.000245
	-0.005769	0.014462	0.112190	-0.022640	-0.037104	0.007924
	-0.034775	-0.011064	-0.051919	0.001708	-0.023479	0.025554
	0.022757	0.004258	-0.015441	-0.005505	0.011808	-0.007542
	0.033800					
x264	-0.001856	-0.010337	-0.031655	-0.000779	0.000212	-0.004650
	-0.006830	0.004495	0.017312	0.037394	-0.029428	0.006734
	-0.000416	0.005068	-0.016632	-0.027760	0.009536	-0.004842
	0.018934	0.005342	0.018238	-0.014032	-0.025987	-0.003157
	-0.024875	-0.003220	-0.022266	0.002323	0.011234	-0.011717
	0.006093					
y264	-0.010278	-0.000797	0.003615	-0.012094	-0.011811	0.037401
	-0.014099	0.024167	-0.041619	-0.046288	-0.046016	-0.010466
	-0.026082	0.056809	-0.023758	-0.049070	-0.008364	-0.027765
	0.039667	-0.064756	0.006771	0.008898	-0.005889	0.020969
	0.003372	-0.040916	0.007575	0.015462	0.003927	-0.012516
	-0.040348					
z264	-0.000808	0.035088	0.076519	0.007418	0.029943	0.025463
	0.032904	0.002430	-0.019977	-0.026834	0.047020	-0.011971
	0.005425	0.023232	0.100853	-0.028938	-0.028092	0.002829
	-0.029736	-0.022461	-0.059736	-0.000875	-0.026611	0.035506
	0.024552	0.002519	-0.024818	-0.005292	-0.002373	-0.002465
	0.024528					
x265	-0.010198	-0.011392	-0.039106	0.004269	-0.005353	-0.001379
	-0.017198	0.011130	0.008254	0.021012	-0.032906	0.003079
	-0.011218	0.008708	-0.052153	-0.026936	0.025752	-0.002187
	0.013180	0.014645	0.013180	-0.008419	-0.040564	-0.005488
	-0.024973	-0.008669	-0.037589	-0.007714	0.017193	-0.014161
	-0.001692					
y265	-0.011725	-0.007512	0.006094	-0.007291	-0.007081	0.047587
	-0.008796	0.017259	-0.046525	-0.046945	-0.031936	-0.001708
	-0.039531	0.045500	-0.030941	-0.026060	-0.002098	-0.021059
	0.037684	-0.057569	0.020783	0.004703	0.014928	0.003664
	-0.001632	-0.037417	0.030956	0.013858	0.024948	-0.013590
	-0.034994					

z265	-0.006236	0.036729	0.073385	0.006520	0.027085	0.024041
	0.027980	0.018462	-0.020797	-0.019298	0.038657	-0.016388
	0.009066	0.027612	0.069539	-0.028474	-0.006444	-0.007295
	-0.026012	-0.024905	-0.057774	-0.005369	-0.026625	0.046890
	0.024066	0.001006	-0.029336	-0.004451	-0.011578	0.000352
	0.023080					
x266	-0.005990	-0.012956	-0.028773	0.004148	-0.003721	0.002329
	-0.019913	-0.000777	-0.000047	0.005801	-0.010509	0.013114
	-0.025572	0.005491	-0.051732	0.004492	0.017555	0.008833
	-0.005241	0.024116	0.023141	0.011771	-0.020117	-0.007166
	-0.019257	-0.011247	-0.022805	-0.018571	0.017279	-0.036374
	-0.008345					
y266	-0.004863	-0.013769	0.011862	-0.006761	0.006479	0.052617
	0.003233	-0.000205	-0.044531	-0.053179	-0.002628	-0.001649
	-0.051674	0.032926	-0.026240	0.010712	-0.013568	0.007287
	0.019081	-0.065124	0.022865	0.012296	0.023452	0.000204
	0.011976	-0.029717	0.051082	0.014278	0.034603	-0.004388
	-0.024265					
z266	-0.016440	0.034297	0.066305	0.008002	0.022326	0.019633
	0.022795	0.026618	-0.033238	-0.016045	0.026609	-0.016695
	-0.005532	0.004277	0.015477	-0.019765	0.031889	-0.026357
	-0.024675	-0.013688	-0.037094	-0.010900	-0.030162	0.052011
	0.038880	-0.003968	-0.026725	0.002422	-0.003292	0.031886
	0.028598					
x267	0.001069	-0.009843	-0.013120	0.001494	-0.002513	0.001616
	-0.013036	0.000498	0.005787	0.017710	-0.008712	0.016159
	-0.010864	0.015480	-0.010168	-0.008160	-0.001638	-0.001438
	0.007843	0.008344	0.033498	0.012447	-0.005023	-0.005676
	-0.030750	-0.029908	-0.004005	-0.017022	0.009478	-0.027426
	0.000083					
y267	-0.005147	-0.019320	0.004494	-0.001680	0.009589	0.050597
	0.003729	0.017320	-0.039104	-0.041281	-0.013664	-0.000322
	-0.037276	0.032187	-0.028577	-0.003109	-0.010698	-0.001133
	0.033633	-0.066226	0.024510	0.008622	-0.003486	0.012641
	0.001124	-0.037632	0.034331	0.019440	0.020800	0.013519
	0.003596					
z267	-0.008143	0.040342	0.071050	0.000431	0.025044	0.015499
	0.030087	0.021846	-0.033808	-0.018200	0.032810	-0.024513
	-0.006366	0.001646	0.029962	-0.023544	0.012962	-0.019323
	-0.020371	-0.031699	-0.035290	-0.004096	0.004212	0.053928
	0.022864	-0.030131	-0.007439	-0.006146	-0.006350	0.049415
	0.034777					

x268	-0.000064	-0.012690	-0.012891	0.004115	-0.003321	-0.001072
	-0.000792	-0.007211	-0.002797	0.006339	-0.015644	0.007070
	-0.007392	0.004979	-0.013705	-0.011255	-0.005705	-0.000263
	0.014848	0.001519	0.019627	0.000952	-0.012531	-0.018199
	-0.023448	-0.036836	0.006853	-0.012138	0.008546	0.001808
	0.019267					
y268	-0.008717	-0.025046	-0.002247	0.004111	0.003774	0.053012
	0.003149	0.014783	-0.046406	-0.046367	-0.024900	-0.004893
	-0.037139	0.020635	-0.051619	-0.001346	-0.013945	0.000817
	0.035085	-0.046016	0.020804	0.023270	-0.009811	0.013686
	-0.016299	-0.047262	0.029926	0.011612	0.012787	0.042421
	0.041200					
z268	-0.011289	0.041532	0.067762	-0.002237	0.021859	0.013036
	0.033281	0.023636	-0.039822	-0.031219	0.030006	-0.026033
	-0.013100	-0.004622	0.011825	-0.009120	0.009294	-0.013312
	-0.016780	-0.034220	-0.035631	-0.005155	0.013635	0.054173
	0.018620	-0.035594	-0.009467	-0.001604	-0.008857	0.052761
	0.037372					
x269	-0.000596	-0.018208	-0.015024	0.003782	-0.011393	-0.007427
	0.009977	-0.010978	-0.012925	-0.006740	-0.011695	-0.003235
	-0.005219	-0.006036	-0.025079	-0.006741	0.005728	0.004142
	0.023341	-0.004067	-0.002209	-0.008642	-0.025503	-0.034047
	-0.013315	-0.036231	0.004452	0.005249	0.003921	0.014806
	0.023200					
y269	-0.011694	-0.025556	-0.015655	0.004232	-0.001590	0.058950
	0.003049	0.016641	-0.041933	-0.028778	-0.022186	-0.006114
	-0.035548	0.022998	-0.036585	0.004702	-0.008957	0.002004
	0.028474	-0.039295	0.017276	0.020634	-0.015739	0.017799
	-0.012813	-0.031274	0.001282	0.022776	0.017483	0.007509
	0.005998					
z269	-0.014673	0.041327	0.063541	-0.003811	0.019531	-0.001658
	0.035529	0.031363	-0.039907	-0.043213	0.010423	-0.017056
	-0.015384	-0.003776	-0.007682	-0.012666	0.005541	-0.007729
	-0.009859	-0.025333	-0.042561	0.011242	0.015900	0.038255
	-0.019633	-0.065142	0.005388	-0.018033	-0.023034	0.080421
	0.076541					
x270	0.001125	-0.023148	-0.018985	0.005635	-0.020080	0.003122
	0.010963	-0.020415	-0.015155	-0.012541	0.000099	-0.014064
	0.005159	-0.014484	-0.023466	-0.000456	0.019844	0.019383
	0.013583	-0.022698	-0.005306	-0.004173	-0.044711	-0.039180
	0.023250	-0.013956	-0.037090	0.026645	0.002805	-0.003080
	-0.011771					

y270	-0.011108	-0.022051	-0.027432	-0.002009	-0.001492	0.045513
	0.005207	0.028939	-0.028836	-0.012941	-0.039084	0.004145
	-0.044941	0.024249	-0.016512	-0.010026	-0.012893	0.008591
	0.017749	-0.009613	0.004230	0.037682	-0.012629	0.003495
	-0.042495	-0.045834	0.017834	0.010818	0.011979	-0.000095
	0.008453					
z270	-0.015573	0.041527	0.055431	-0.005158	0.011170	-0.008467
	0.034917	0.037312	-0.034832	-0.045054	0.006465	-0.003453
	-0.008213	0.000528	-0.007778	-0.009308	0.020376	0.003526
	-0.014725	-0.030953	-0.039356	0.019309	0.011078	0.030085
	-0.023631	-0.065188	-0.006810	-0.011527	-0.030476	0.056074
	0.059043					
x271	-0.005401	-0.027080	-0.020838	0.004801	-0.013690	0.012081
	0.013516	-0.015880	-0.023296	-0.016700	-0.021774	-0.018251
	-0.007120	-0.005596	-0.024753	-0.010643	-0.001827	0.019455
	0.014371	-0.009260	-0.017431	0.000760	-0.050663	-0.019153
	0.004570	-0.024660	-0.030349	0.017930	0.011792	0.032892
	0.030911					
y271	-0.009947	-0.022189	-0.032887	-0.000085	-0.004928	0.029640
	0.006617	0.031189	-0.019028	-0.001714	-0.036949	0.013190
	-0.042494	0.026406	-0.005456	-0.028267	-0.006245	0.019663
	0.017738	0.004111	0.020531	0.062614	0.007558	-0.028383
	-0.077737	-0.061743	0.033577	-0.007728	0.007291	0.002742
	0.013935					
z271	-0.016647	0.040029	0.046652	-0.006812	-0.000735	-0.005981
	0.032913	0.041993	-0.032939	-0.035811	0.009296	0.005893
	-0.004121	0.005475	0.000662	-0.002583	0.049487	0.007063
	-0.015329	-0.039845	-0.030985	0.007683	0.014652	0.035415
	-0.014656	-0.049631	-0.022017	0.006005	-0.016948	-0.003066
	0.004464					
x272	-0.015380	-0.028226	-0.028651	0.014845	-0.009417	0.013677
	0.012948	-0.009588	-0.029562	-0.018723	-0.013530	-0.023227
	0.006833	0.005383	-0.009208	-0.025178	-0.014181	0.027953
	0.010641	-0.006565	0.002196	0.030258	-0.061441	-0.003777
	-0.021490	-0.014920	-0.023398	0.023273	0.006854	0.058708
	0.042658					
y272	-0.008661	-0.023363	-0.032583	-0.006442	-0.014982	0.021187
	0.013320	0.022841	-0.012939	0.017453	-0.036617	0.016798
	-0.042126	0.021451	0.018412	-0.023282	-0.012839	0.020057
	0.005223	0.011424	0.002471	0.050155	0.006896	-0.034007
	-0.067260	-0.039227	0.017814	0.003448	0.000427	-0.011989
	-0.016246					

z272	-0.023935	0.039872	0.042204	-0.004683	-0.003470	-0.008569
	0.029449	0.050728	-0.032172	-0.036962	0.005529	0.012243
	0.002445	0.014033	0.016791	0.003004	0.051226	0.006757
	-0.025620	-0.048307	-0.022585	0.013994	0.006666	0.050565
	-0.003559	-0.021503	-0.030993	0.023510	-0.018502	-0.011700
	-0.012929					
x273	-0.024969	-0.027359	-0.036141	0.019546	0.003020	0.015897
	0.010395	0.002079	-0.032237	-0.014881	0.003096	-0.032541
	0.005662	0.004976	0.005894	-0.040914	-0.041358	0.035789
	0.020616	0.000882	0.030245	0.054508	-0.059631	-0.024041
	-0.024418	-0.013391	-0.034719	0.015866	-0.008536	0.059497
	0.032737					
y273	-0.001681	-0.019896	-0.027457	-0.000339	-0.015908	0.006419
	0.011064	0.002216	0.001056	0.028834	-0.013333	0.015773
	-0.031476	0.026755	0.009741	-0.017700	0.006388	0.018259
	0.019189	0.018265	0.015142	0.048133	-0.009467	-0.009124
	-0.091254	-0.026187	0.024799	0.026452	-0.003505	-0.005451
	-0.006019					
z273	-0.031757	0.039738	0.041947	-0.000565	0.005566	-0.007881
	0.018981	0.056600	-0.026495	-0.032742	0.008899	0.010533
	-0.003085	0.018290	0.011743	0.010535	0.034047	-0.001410
	-0.019137	-0.046512	-0.008884	0.012815	-0.000674	0.066574
	0.011540	-0.004389	-0.037864	0.025767	-0.013777	-0.012267
	-0.009777					
x274	-0.028718	-0.024678	-0.043086	0.019241	0.007932	0.014690
	0.006610	0.010910	-0.035834	-0.010273	0.002289	-0.024348
	-0.012368	0.017546	0.019428	-0.063621	-0.032725	0.043732
	0.042045	-0.008483	0.057754	0.045285	-0.058071	-0.019821
	-0.038409	0.012749	-0.021872	0.027967	0.003393	0.065436
	0.038793					
y274	0.009462	-0.018861	-0.020660	-0.005714	-0.011162	0.009488
	0.010538	-0.005764	0.025835	0.047365	0.001088	0.007870
	-0.039136	0.003690	-0.010078	-0.018462	0.003417	0.012071
	0.020707	0.038385	0.009743	0.036502	-0.021772	-0.021733
	-0.076945	-0.030256	-0.006166	0.010304	-0.007937	-0.019258
	-0.016286					
z274	-0.033583	0.034963	0.043956	0.000950	0.011518	-0.010122
	0.010756	0.054175	-0.007976	-0.023401	0.004554	0.010736
	-0.014088	0.015838	-0.005165	0.021133	0.025286	-0.008628
	-0.018959	-0.029559	-0.015799	0.008977	-0.014322	0.066034
	0.022481	-0.000283	-0.029098	0.012996	-0.016323	-0.006762
	0.014034					

x275	-0.034500	-0.023749	-0.036690	0.023545	-0.002076	0.007773
	0.016556	0.008284	-0.054338	-0.005064	0.000477	-0.024070
	0.006144	0.005456	0.019999	-0.067262	-0.039940	0.021464
	0.058566	-0.012151	0.054320	0.025272	-0.036372	-0.026440
	-0.047563	0.024091	-0.007084	0.035712	0.004854	0.063780
	0.022383					
y275	0.016638	-0.016160	-0.011542	-0.005965	-0.006972	0.014262
	0.007168	-0.014473	0.034809	0.042975	0.021736	-0.006241
	-0.020832	0.004791	-0.018695	-0.021244	0.003081	0.027040
	0.018535	0.026046	0.031575	0.041726	-0.009691	-0.014663
	-0.064325	-0.012638	-0.009387	-0.000903	0.000644	-0.004690
	-0.016160					
z275	-0.032004	0.028090	0.040769	0.009058	0.018518	-0.008874
	-0.007527	0.030756	0.024986	-0.019685	0.006762	0.025343
	-0.023361	0.030246	-0.005473	0.050899	0.024990	0.001749
	-0.051608	-0.009232	-0.034217	0.027528	-0.047068	0.065990
	0.061800	0.032377	-0.027007	-0.017582	-0.021912	-0.003815
	0.028616					
x276	-0.032413	-0.021573	-0.029600	0.022893	-0.004522	0.007440
	0.020454	0.003239	-0.058159	-0.009288	-0.010845	-0.015896
	0.012905	-0.004018	0.041847	-0.065721	-0.056576	0.014150
	0.047602	-0.013202	0.037297	0.021486	-0.006773	-0.031629
	-0.038121	0.026423	0.013008	0.004923	0.002905	0.054344
	0.005481					
y276	0.020188	-0.006454	0.005517	-0.011759	-0.007162	0.010116
	0.003172	-0.012871	0.018286	0.021079	0.036383	-0.014968
	0.004984	0.010539	-0.024068	-0.026083	-0.001445	0.031417
	0.019678	-0.010354	0.053430	0.027061	0.020261	-0.005908
	-0.029939	-0.004582	0.003827	0.001072	0.005614	0.011001
	-0.004799					
z276	-0.032838	0.028299	0.051643	0.017887	0.020387	-0.006686
	-0.018304	0.022564	0.015181	-0.039086	0.014269	0.024197
	-0.023805	0.026732	-0.005407	0.071446	0.021944	0.008709
	-0.058647	-0.032857	-0.029464	0.027514	-0.033570	0.057455
	0.081969	0.045363	-0.031211	-0.026900	-0.019322	-0.005053
	0.024325					
x277	-0.020639	-0.016651	-0.020787	0.008694	-0.004598	0.003893
	0.026834	-0.002577	-0.039187	0.002700	-0.045710	-0.011591
	-0.000820	-0.026535	0.065721	-0.043750	-0.054405	0.004855
	0.025068	0.005651	-0.024846	0.002177	-0.001350	-0.032200
	-0.021953	0.020728	0.015820	0.003769	-0.004314	0.029700
	-0.000455					

y277	0.023953	0.002415	0.016099	-0.016653	-0.007126	0.004159
	-0.003416	-0.012354	0.008892	0.009562	0.035905	-0.008401
	0.012096	0.011427	-0.032752	-0.018692	0.008798	0.021036
	0.015123	-0.025359	0.044312	0.001100	0.030627	-0.011892
	-0.009278	-0.020897	-0.003253	-0.001653	0.007936	-0.001107
	-0.004964					
z277	-0.033523	0.027195	0.063797	0.014599	0.018515	-0.005557
	-0.015947	0.026116	0.004341	-0.055351	0.006222	0.020420
	-0.022543	0.010885	0.000310	0.086545	0.023019	0.007783
	-0.057670	-0.048491	-0.040987	0.022240	-0.012287	0.055933
	0.082314	0.034317	-0.022670	-0.017315	-0.012382	-0.009178
	0.027539					
x278	-0.012556	-0.010733	-0.017301	0.012298	0.004537	0.003238
	0.018936	-0.019471	-0.020818	0.014292	-0.052447	0.000685
	-0.001958	-0.025000	0.069675	-0.040316	-0.048850	0.005112
	0.017868	0.005153	-0.033756	0.003393	-0.016523	-0.019919
	-0.009795	0.024403	0.001957	-0.002182	-0.006146	0.027202
	0.002446					
y278	0.026187	0.005331	0.010681	-0.021007	-0.006458	0.004649
	-0.016927	-0.009936	0.026653	0.008942	0.020545	-0.000303
	0.008666	0.015681	-0.031536	0.000964	0.031683	0.018334
	-0.005518	-0.011986	0.013892	-0.006189	0.012103	-0.007998
	0.013224	-0.021678	-0.008270	-0.002547	0.009715	-0.015970
	0.007231					
z278	-0.036639	0.023347	0.066805	0.009541	0.017957	-0.001284
	-0.011538	0.031511	0.004227	-0.059573	0.001170	0.013086
	-0.021191	0.005373	0.016510	0.094696	0.023808	0.016923
	-0.060807	-0.041775	-0.046687	0.037599	0.001165	0.062408
	0.069627	0.032227	-0.016698	-0.009343	-0.019406	-0.005517
	0.010432					
x279	-0.006922	-0.002767	-0.010149	0.016704	0.007256	-0.000528
	0.015427	-0.029321	-0.015197	0.016919	-0.047872	0.004363
	0.002205	-0.026861	0.046138	-0.035763	-0.030239	-0.001196
	0.027886	-0.005109	-0.037801	-0.009010	-0.028613	-0.017735
	0.013695	0.003726	-0.009593	-0.008989	0.005330	0.016756
	0.012249					
y279	0.025210	0.004999	0.007074	-0.020121	-0.009439	-0.000767
	-0.026485	-0.000985	0.030165	-0.003592	0.022956	-0.006973
	0.011951	0.024302	-0.040069	0.016616	0.034111	0.016197
	-0.012609	-0.012267	0.012638	-0.017070	0.010314	0.000263
	0.020386	-0.003132	-0.010424	0.012125	0.003734	0.005976
	0.029505					

z279	-0.037174	0.020660	0.065540	0.011270	0.018026	-0.001470
	-0.008276	0.025893	0.001748	-0.053188	0.012062	0.021516
	-0.020085	0.004365	0.011494	0.090569	0.015652	0.015535
	-0.044123	-0.040019	-0.035975	0.045504	-0.007072	0.058969
	0.053863	0.033640	-0.025785	0.004289	-0.023071	-0.011970
	0.016319					
x280	-0.003469	0.002066	-0.006559	0.013720	0.004571	-0.003712
	0.013463	-0.022078	-0.005810	0.007376	-0.040305	-0.001584
	0.000404	-0.025595	0.035307	-0.024312	-0.020800	-0.004812
	0.023026	-0.013770	-0.037031	-0.007216	-0.025716	-0.011420
	0.028986	0.000553	-0.026938	-0.011167	0.006515	0.014822
	0.007240					
y280	0.024085	0.003701	0.000637	-0.024299	-0.011958	0.000324
	-0.025025	0.013311	0.030655	-0.012802	0.025507	-0.013596
	0.012278	0.023444	-0.036354	0.030831	0.032643	0.022035
	-0.029394	0.008440	0.004105	-0.010514	0.010905	0.012767
	0.014150	0.001643	0.005012	0.015060	-0.008874	-0.001050
	0.036392					
z280	-0.035344	0.017725	0.062793	0.008094	0.017527	-0.002381
	-0.003919	0.020568	-0.000671	-0.041943	0.013855	0.033394
	-0.023638	0.004882	-0.000228	0.087226	0.009342	0.012461
	-0.027595	-0.037705	-0.033377	0.033230	-0.014800	0.046593
	0.039802	0.035045	-0.027858	0.023130	-0.020126	-0.016979
	0.020064					
x281	-0.003906	0.004125	-0.004890	0.010012	0.005408	-0.001972
	0.012141	-0.013520	-0.001971	-0.002471	-0.028569	-0.007824
	0.001469	-0.023345	0.039233	-0.019446	-0.015048	0.001911
	0.012793	-0.014570	-0.026055	0.007908	-0.018558	0.003716
	0.034615	0.002312	-0.031089	-0.020406	0.006900	0.005676
	-0.001502					
y281	0.024394	0.000391	-0.003358	-0.032625	-0.012140	0.002087
	-0.019852	0.019140	0.027130	-0.016529	0.018173	-0.016419
	0.003479	0.017055	-0.033833	0.032938	0.030614	0.022770
	-0.041647	0.027197	-0.013627	-0.009841	0.000246	0.009211
	0.012741	0.003600	0.005988	0.021995	-0.011172	-0.016522
	0.018741					
z281	-0.035814	0.011588	0.057837	0.002437	0.014632	0.002082
	-0.000189	0.025685	-0.001807	-0.034013	0.010068	0.034574
	-0.024950	0.005657	0.005918	0.084872	0.002551	0.016721
	-0.024706	-0.029356	-0.030189	0.035002	-0.008265	0.038395
	0.023291	0.035258	-0.019456	0.027164	-0.017918	-0.018261
	0.009451					

x282	-0.004372	0.007254	-0.002033	0.011365	0.012891	-0.003939
	0.006984	-0.023616	-0.004707	-0.005324	-0.015730	-0.007073
	0.007019	-0.019952	0.031765	-0.023628	-0.010254	0.005757
	0.014147	-0.018645	-0.009300	0.009397	-0.021701	0.001878
	0.038913	0.013454	-0.029224	-0.013851	0.005978	0.006205
	0.014189					
y282	0.022683	-0.004031	-0.007711	-0.027503	-0.012292	0.004755
	-0.021478	0.018110	0.018664	-0.018519	0.022301	-0.022954
	0.001080	0.022815	-0.032833	0.035308	0.026270	0.023845
	-0.041896	0.036106	-0.015593	-0.008133	-0.014585	0.015301
	0.003251	0.002520	0.006930	0.029031	-0.003457	-0.026130
	-0.001312					
z282	-0.036126	0.005813	0.053056	0.003243	0.013922	0.005051
	-0.000174	0.022742	-0.004594	-0.022703	0.012639	0.036290
	-0.018547	0.010948	0.003220	0.077397	-0.004580	0.018751
	-0.014959	-0.027562	-0.015570	0.033737	-0.005690	0.026486
	0.007092	0.038540	-0.007877	0.033786	-0.015772	-0.010595
	0.008905					
x283	-0.003809	0.009189	-0.002070	0.005492	0.012174	-0.005854
	0.008343	-0.022416	-0.007279	-0.011146	-0.014982	-0.009906
	0.006826	-0.024801	0.023350	-0.017496	-0.009835	0.003037
	0.002623	-0.009388	-0.006132	0.002287	-0.008628	-0.008849
	0.041305	0.023353	-0.018850	-0.000578	0.003953	0.013310
	0.020244					
y283	0.019983	-0.010680	-0.012874	-0.022162	-0.013612	0.004709
	-0.026251	0.026113	0.014615	-0.021615	0.021871	-0.028762
	0.000597	0.023547	-0.033718	0.037224	0.021000	0.016148
	-0.042801	0.043338	-0.019022	-0.013447	-0.021397	0.011666
	-0.005544	0.007686	0.010564	0.046730	-0.007643	-0.014771
	-0.019102					
z283	-0.035039	0.000162	0.048162	0.003075	0.011173	0.007663
	0.002722	0.018849	-0.009132	-0.013969	0.013335	0.039058
	-0.017723	0.010969	0.000745	0.073361	-0.010814	0.018465
	0.000567	-0.027417	-0.006077	0.029034	-0.007849	0.020927
	-0.007396	0.029052	0.000900	0.030150	-0.010073	-0.015989
	0.010246					
x284	-0.006232	0.010791	-0.005697	0.003880	0.010461	0.002676
	0.011556	-0.008412	-0.002934	-0.012859	-0.011337	-0.003951
	0.006536	-0.018952	0.011903	-0.009188	0.001472	-0.007087
	-0.011927	-0.003466	-0.014060	-0.012013	-0.013464	-0.021344
	0.019227	0.014055	-0.009489	-0.000309	0.004985	0.004093
	0.017820					

y284	0.016165	-0.018290	-0.020494	-0.015657	-0.016666	0.009790
	-0.027529	0.035385	0.015703	-0.013150	0.017487	-0.021795
	-0.005133	0.019103	-0.036458	0.046035	0.018610	0.003431
	-0.049045	0.046233	-0.014232	-0.012212	-0.027073	0.003934
	-0.022654	0.015633	0.012709	0.057453	-0.003896	-0.005570
	-0.016832					
z284	-0.032965	-0.009315	0.045593	0.002154	0.010787	0.015700
	-0.000012	0.005541	-0.017632	-0.005943	0.010894	0.040058
	-0.007150	0.012907	-0.000213	0.055358	-0.013971	0.018220
	0.013892	-0.033113	0.004402	0.024742	-0.010945	0.029442
	-0.020506	0.013943	0.002806	0.031116	-0.008654	-0.018323
	0.012538					
x285	-0.001627	0.001571	-0.015807	0.000474	-0.001028	-0.004030
	-0.012224	-0.001977	-0.006238	-0.021520	-0.001044	0.009055
	0.009576	0.002481	0.009460	-0.006889	-0.029205	-0.032248
	-0.001170	0.017557	0.005465	-0.008104	0.011948	0.009129
	0.014504	0.005909	-0.011829	0.009617	0.000182	0.003987
	0.001449					
y285	0.008719	-0.026068	-0.018485	-0.014096	-0.017772	0.013575
	-0.023366	0.034608	0.007759	-0.005643	0.011128	-0.029826
	0.005039	0.005236	-0.043172	0.051852	0.028317	0.002271
	-0.049805	0.034739	-0.002260	-0.013004	-0.013534	-0.004163
	-0.027451	0.001704	0.019597	0.055605	0.003982	-0.002276
	-0.006405					
z285	-0.029797	-0.012657	0.047015	0.006631	0.016245	0.020018
	0.001678	-0.004332	-0.016679	0.002307	0.002164	0.036151
	0.000559	0.014398	-0.001232	0.037694	-0.006419	0.016522
	0.017263	-0.044639	0.012501	0.017184	-0.013152	0.037329
	-0.031242	-0.000792	-0.003709	0.029883	-0.015526	-0.013139
	0.016245					
x286	0.002058	0.001179	-0.015162	0.001507	-0.004636	0.000316
	-0.017038	0.015707	-0.004041	-0.021244	-0.006449	-0.001491
	0.024594	0.003858	-0.011176	0.001712	-0.010678	-0.032180
	-0.011445	-0.004697	0.023193	-0.015795	0.020508	0.015428
	0.007749	-0.004289	-0.020253	0.011853	0.010221	0.014488
	-0.002377					
y286	0.008302	-0.037056	-0.028551	-0.008256	-0.020072	0.023556
	-0.047829	0.014961	0.020195	0.012330	-0.008475	-0.011330
	0.010110	0.006856	-0.047321	0.043039	0.026219	0.003806
	-0.058099	0.042598	0.012687	0.020246	-0.024104	0.018579
	-0.023314	-0.008157	-0.005503	0.039238	0.010770	-0.008230
	-0.008972					

z286	-0.024738	-0.012584	0.044998	0.011944	0.021340	0.027579
	0.008258	-0.008773	-0.006237	0.019115	-0.008780	0.033901
	-0.002360	0.018637	0.002124	0.033987	0.001342	0.016874
	0.006119	-0.053486	0.018207	0.008976	-0.006815	0.023710
	-0.051839	-0.012090	-0.000650	0.010122	-0.015577	-0.007467
	0.014553					
x287	0.003680	0.003090	-0.027270	0.001935	0.007932	-0.001130
	-0.013225	0.028466	0.005677	0.009111	0.017389	0.016192
	0.007664	0.028728	0.003992	-0.004640	-0.013767	-0.022720
	-0.014354	-0.004576	0.002111	-0.022492	-0.015846	-0.003649
	-0.023596	0.000076	-0.003110	0.021003	-0.008411	-0.008412
	-0.007572					
y287	0.004685	-0.042907	-0.022600	-0.012944	-0.022161	0.003072
	-0.038188	0.005293	0.005402	0.023539	-0.003918	-0.014820
	0.009745	0.005325	-0.029823	0.024945	0.007767	0.001787
	-0.026252	0.035842	0.002781	0.015614	-0.036212	0.016644
	-0.018185	-0.002641	-0.010315	0.074618	-0.004774	-0.001523
	-0.010664					
z287	-0.018031	-0.013192	0.040341	0.013771	0.023845	0.030951
	0.011876	-0.017456	0.003534	0.031953	-0.002456	0.035522
	-0.015600	0.028383	0.015653	0.035998	-0.008481	0.019660
	-0.006208	-0.047788	0.012849	0.003709	0.006081	0.009756
	-0.057239	-0.012233	0.012957	-0.001575	-0.016952	-0.009792
	0.007080					
x288	-0.005791	-0.002573	-0.027217	-0.002915	0.012573	0.007085
	0.005225	0.044253	0.005212	0.027330	0.025596	-0.013083
	0.007658	0.029259	0.027663	-0.006812	-0.001686	0.000713
	-0.022812	-0.006212	-0.015387	-0.011429	-0.023069	-0.014642
	-0.049690	-0.008285	0.026350	0.030725	-0.026860	-0.026023
	-0.017489					
y288	0.007499	-0.038492	-0.011857	-0.017353	-0.018271	-0.007051
	-0.021888	-0.004700	0.002269	0.044648	0.009065	-0.020947
	0.011030	0.007294	-0.020176	0.011982	-0.009490	0.002739
	-0.000823	0.006077	-0.006825	-0.015306	-0.043109	-0.005387
	-0.015262	-0.007877	-0.014722	0.080320	-0.004100	-0.007519
	0.005947					
z288	-0.012008	-0.020159	0.039022	0.013656	0.015698	0.021558
	0.004999	-0.024803	0.001398	0.026897	-0.002924	0.031123
	-0.018289	0.032959	0.027410	0.035076	-0.028126	0.003049
	-0.005182	-0.029747	0.021137	0.008272	0.029160	0.027728
	-0.043811	-0.008525	0.014311	0.001768	-0.020008	0.001270
	-0.007998					

x289	-0.007071	-0.025158	-0.027790	-0.013832	0.003528	0.002826
	-0.000707	0.033592	-0.009212	0.025010	0.027395	-0.024358
	0.008224	0.018854	0.026175	0.000700	-0.016510	0.005128
	-0.013958	0.007503	-0.003972	0.004823	-0.035961	-0.008617
	-0.039043	-0.014462	0.016609	0.049032	-0.035500	-0.026979
	-0.014056					
y289	-0.004705	-0.035342	-0.016797	-0.010943	-0.018063	0.002550
	-0.008372	0.005740	0.015075	0.045018	0.013546	-0.042880
	0.001661	0.017552	0.010372	-0.016544	-0.012955	0.015412
	0.001594	0.008546	-0.018916	0.002648	-0.022484	-0.024862
	-0.022094	0.004492	-0.023508	0.038438	-0.000915	-0.005005
	-0.006205					
z289	-0.008532	-0.021485	0.038737	0.017151	0.012573	0.016750
	0.005984	-0.034978	0.002539	0.021350	-0.000734	0.027582
	-0.025649	0.035005	0.028427	0.030614	-0.035271	-0.002841
	-0.008875	-0.023532	0.016944	-0.001312	0.034282	0.030686
	-0.030704	-0.001623	0.016063	0.006260	-0.011782	0.010933
	-0.017557					
x290	-0.001137	-0.031164	-0.021496	-0.013623	0.001347	0.009605
	0.018629	-0.003472	0.003227	0.024764	0.052412	-0.041095
	-0.011032	0.017149	0.035279	0.003732	-0.039719	0.023264
	-0.015048	-0.006539	-0.027007	0.015159	-0.035041	-0.025150
	-0.022570	-0.010599	0.008226	0.044981	-0.024105	-0.012257
	-0.016749					
y290	-0.005376	-0.027988	-0.015098	-0.005598	-0.009008	0.004032
	-0.000005	-0.006441	0.013634	0.027085	0.032091	-0.046877
	0.003833	0.016167	0.025335	-0.015442	-0.030112	0.030423
	0.002150	0.005245	-0.029351	0.013695	0.003083	-0.016433
	-0.013215	0.021569	-0.015016	0.003411	0.011133	0.033365
	-0.003067					
z290	-0.006422	-0.020807	0.038563	0.020707	0.013056	0.013025
	0.009826	-0.029513	0.009234	0.025911	-0.000840	0.026723
	-0.025681	0.038062	0.046390	0.012272	-0.033400	-0.014613
	-0.010408	-0.026063	0.006795	-0.025618	0.025950	0.030111
	-0.026131	0.001113	0.008642	0.005004	-0.001146	0.027848
	-0.015490					
x291	-0.014049	-0.030404	-0.039913	-0.004855	-0.006828	0.002548
	-0.011887	0.012075	-0.003542	0.008964	0.044455	-0.021329
	-0.004872	0.012562	0.022292	-0.039827	-0.033331	0.004928
	0.001085	0.034696	0.010606	0.000434	-0.001706	0.008254
	0.004343	0.031530	-0.038572	0.041477	0.023451	0.028015
	0.001845					

y291	0.002640	0.000023	-0.003397	-0.005127	0.021566	0.012306
	0.014361	0.006056	0.009497	-0.011357	0.037696	0.008901
	0.012089	-0.000353	0.041204	-0.003193	-0.028549	0.035481
	0.009849	-0.064472	0.006659	-0.008402	0.038640	-0.021182
	-0.008098	0.024618	0.019811	-0.026845	0.038032	0.020869
	0.007043					
z291	-0.013261	-0.021545	0.035344	0.026858	0.011931	0.016161
	0.018551	-0.026300	0.015796	0.034893	-0.001384	0.017583
	-0.034090	0.022101	0.037733	0.020263	-0.011514	-0.003634
	-0.024626	-0.011521	-0.000740	-0.042587	0.003865	0.008051
	-0.037811	0.009332	0.009175	0.003801	0.015262	0.051988
	0.000043					
x292	-0.023634	-0.051884	-0.045257	0.014476	0.009415	0.014210
	0.007225	0.012743	0.007809	-0.008193	0.038615	0.005964
	0.018063	-0.019487	-0.024469	-0.027095	-0.034043	-0.000936
	0.070537	0.028171	0.013211	-0.021484	-0.020170	0.010896
	0.040218	-0.042099	-0.038958	0.065683	0.039590	0.016840
	-0.000363					
y292	-0.017599	-0.068228	-0.006368	-0.049940	-0.054293	-0.025375
	-0.029584	-0.013252	-0.105099	0.014632	-0.021130	-0.104898
	0.030358	0.022584	-0.050709	0.017633	-0.013440	-0.040886
	0.001109	-0.014236	-0.025579	0.063331	-0.183006	0.017843
	-0.028349	-0.005424	-0.009356	-0.043715	-0.110218	0.054802
	-0.074086					
z292	-0.008641	-0.010268	0.061240	0.019365	0.026811	0.015927
	0.029502	-0.031974	-0.009471	0.008852	0.028883	0.016885
	-0.040985	0.024886	0.075553	0.021742	-0.006887	0.013374
	-0.019999	-0.025823	-0.019792	-0.022775	-0.002186	-0.025605
	-0.056517	-0.015388	0.028162	0.023560	0.028232	-0.000789
	0.018622					
x293	0.018155	-0.016213	0.012810	0.045871	0.011186	-0.030611
	0.103281	0.007137	0.049863	0.042784	0.011555	0.056044
	0.002684	0.021470	0.023809	-0.004130	0.039102	0.024986
	-0.022823	0.086595	-0.037377	0.030186	-0.027894	-0.027918
	0.007815	-0.032927	-0.061872	0.010738	0.037157	-0.005560
	-0.009305					
y293	0.019734	-0.014118	0.060640	-0.058663	-0.012028	0.011092
	-0.066405	-0.032394	-0.008934	-0.009108	0.009121	-0.006070
	-0.034717	-0.086255	0.053371	0.025307	0.012447	0.040512
	0.031783	-0.034743	0.007187	-0.000736	-0.007980	-0.004867
	-0.016650	0.012652	0.013994	-0.014613	0.011944	0.053168
	-0.071686					

z293	-0.008448	-0.051178	-0.066112	0.009545	0.037976	0.046315
	-0.039218	-0.035948	0.050643	0.047614	0.008111	0.044607
	-0.002430	0.013422	-0.006534	0.001726	0.027967	0.052668
	-0.002550	0.003695	0.016069	0.004471	-0.007813	0.066215
	0.034709	-0.017389	-0.003031	-0.034824	-0.014111	-0.020129
	0.008648					
x294	0.002113	0.006126	-0.008972	0.057946	0.012390	-0.019824
	0.121484	0.033492	0.011401	0.015087	0.003499	0.031067
	0.019876	0.038446	-0.011567	-0.000538	0.027357	0.001599
	-0.004987	0.041130	-0.016856	-0.005485	-0.000281	-0.009219
	0.013269	-0.043765	-0.003862	0.008749	0.029618	-0.035417
	-0.013286					
y294	-0.009424	-0.013907	0.016925	-0.048474	0.004229	0.025081
	-0.041785	0.007695	-0.036081	-0.027387	0.000166	-0.026459
	0.010231	-0.080329	-0.010951	0.033762	-0.020911	0.000825
	0.026296	-0.092671	0.026728	-0.045824	0.005775	-0.003310
	-0.007897	-0.007632	0.049249	-0.012606	0.009044	0.023981
	0.001675					
z294	-0.002443	-0.047510	-0.055784	-0.003773	0.028956	0.034953
	-0.041871	-0.031235	0.029121	0.047328	0.025253	0.010105
	-0.007905	0.008636	0.007193	0.005827	0.024056	0.059872
	-0.002565	0.010429	0.002639	-0.001925	-0.014783	0.035492
	0.021696	0.033437	-0.004328	-0.029685	-0.017614	-0.004294
	-0.012065					
x295	0.002973	0.026686	-0.004858	0.064186	0.004496	-0.019288
	0.121619	0.036580	-0.004111	-0.000608	-0.010003	0.025962
	0.018620	0.043652	-0.015179	-0.002348	0.030103	0.011771
	-0.006150	0.038302	-0.016682	-0.012074	0.009473	-0.021511
	0.031285	-0.047341	0.010547	0.031032	0.031443	-0.022307
	-0.022400					
y295	-0.000293	-0.009480	0.033979	-0.046018	0.000120	0.014551
	-0.063292	0.001213	-0.044663	-0.029066	0.004453	-0.027836
	0.007941	-0.061634	-0.009639	0.023070	-0.048374	0.025068
	-0.015962	-0.048258	0.012958	-0.047387	0.007467	-0.003415
	0.019885	-0.038481	0.023713	0.010202	0.013165	0.036310
	0.024624					
z295	-0.003601	-0.042161	-0.041533	-0.007638	0.032822	0.037211
	-0.031522	-0.004759	0.011583	0.028160	0.028867	0.014175
	-0.006286	-0.005407	0.006022	-0.001244	0.007307	0.051618
	0.013098	0.006447	0.023669	-0.014126	0.009415	0.042111
	0.054578	0.033225	0.029843	-0.005342	-0.022114	-0.020405
	0.001419					

x296	0.002692	0.030634	-0.009995	0.052961	-0.012546	-0.028379
	0.111809	0.024865	0.009598	-0.003875	-0.011635	0.013209
	0.021141	0.036842	-0.005846	0.020176	0.023870	-0.018063
	0.015742	0.020956	-0.029651	0.004167	-0.003436	-0.043068
	-0.005298	-0.016508	0.000500	0.010837	0.028157	0.004005
	-0.029563					
y296	0.006319	-0.024372	0.043432	-0.046550	-0.002462	0.001486
	-0.066433	-0.001992	-0.032087	-0.018584	0.006613	-0.020626
	0.021359	-0.037434	0.012765	0.004564	-0.066530	0.030434
	-0.021432	-0.011920	-0.001419	-0.058421	0.001051	0.017977
	0.022148	-0.078941	0.004645	0.024384	0.026064	0.040330
	0.038323					
z296	0.002853	-0.032788	-0.035233	0.007220	0.025264	0.032193
	-0.034454	0.014125	0.006756	0.016962	0.012682	0.021326
	-0.011244	-0.013528	0.017060	-0.012658	-0.027873	0.029594
	0.010924	0.037282	0.046614	-0.006995	0.019021	0.078796
	0.087048	0.000689	-0.004699	0.016919	-0.011355	-0.021705
	0.025297					
x297	0.009835	0.029355	-0.007879	0.031038	-0.030571	-0.043743
	0.082715	0.009446	0.002963	-0.024533	-0.004969	0.020062
	0.023672	0.030761	0.012511	0.026453	0.006871	-0.054017
	0.035841	0.021042	-0.025742	0.050372	0.000383	-0.017939
	-0.029908	0.001309	-0.012650	-0.022610	0.027439	0.009295
	-0.035761					
y297	0.000905	-0.031254	0.046865	-0.050269	-0.004427	-0.010340
	-0.071636	0.011415	-0.034776	-0.011760	-0.003500	-0.004051
	0.025532	-0.037521	0.013211	-0.025649	-0.037896	0.013111
	-0.003047	-0.010042	0.002263	-0.050796	-0.018869	0.050067
	0.007138	-0.109290	-0.014686	0.015759	0.027556	0.008817
	0.029616					
z297	0.011020	-0.018811	-0.028506	0.004510	0.006478	0.033465
	-0.046253	0.014315	0.001395	0.004729	-0.001361	0.010363
	-0.012330	-0.005242	0.024484	-0.004819	-0.015682	0.014974
	-0.005794	0.062654	0.043014	0.015122	0.019277	0.063013
	0.064741	0.016332	-0.032726	-0.000604	0.007597	-0.005029
	0.041170					
x298	0.013072	0.026540	0.008592	0.017130	-0.034831	-0.031290
	0.071193	-0.010124	-0.006623	-0.041289	-0.021750	0.006137
	0.047320	0.014620	0.001925	0.017913	0.019738	-0.050235
	0.050709	0.009987	-0.023488	0.056572	0.008742	-0.001487
	-0.029446	0.005655	-0.005839	-0.040878	0.026126	0.020985
	-0.037342					

y298	0.006575	-0.035876	0.071336	-0.065983	0.001292	0.012996
	-0.084100	-0.023408	-0.043891	-0.036192	-0.010259	-0.011326
	0.038817	-0.031833	0.001157	-0.037354	-0.019446	0.022827
	-0.001521	-0.008630	0.014215	-0.035256	0.016697	0.047025
	0.017217	-0.097301	0.007234	0.027531	0.023637	0.008190
	0.024011					
z298	0.011586	-0.016927	-0.015312	0.001421	0.004983	0.027106
	-0.021575	0.017536	-0.006833	0.001422	-0.005519	0.003041
	-0.007907	-0.014970	0.030425	0.009261	0.008465	0.031367
	-0.012681	0.050664	0.021503	-0.004021	-0.015480	0.051276
	0.042994	0.001881	-0.032366	-0.033048	0.014657	0.001292
	0.050191					
x299	0.000151	0.011591	0.037402	0.018135	-0.028196	-0.013000
	0.095303	-0.010037	-0.010188	-0.010382	-0.008601	-0.021346
	0.038246	-0.017623	-0.019536	0.002502	0.086443	-0.036561
	0.049455	-0.017443	-0.044525	0.060138	-0.050943	-0.038855
	-0.056278	0.011013	0.006431	-0.074419	-0.005668	-0.027987
	-0.034200					
y299	0.001445	-0.062651	0.092479	-0.072677	-0.014882	0.017992
	-0.080328	-0.010335	-0.020682	-0.016440	-0.004873	-0.028401
	0.030008	-0.017936	-0.010392	-0.036886	0.012772	0.001062
	0.034109	0.008342	0.019421	-0.020556	-0.025354	0.009540
	-0.029852	-0.038135	0.004915	0.017066	-0.024008	0.006443
	-0.003012					
z299	-0.004058	-0.021895	0.009531	-0.026219	0.022173	0.005123
	-0.017452	-0.015549	-0.017814	0.006688	0.023706	-0.006148
	-0.017576	0.004921	0.019728	-0.026906	0.018989	-0.004042
	-0.003140	-0.002352	-0.022474	-0.017764	-0.026190	-0.017145
	-0.011893	0.019360	-0.004107	-0.003599	-0.048005	-0.021496
	0.015220					
x300	0.006537	0.029032	0.035196	0.047983	-0.015855	-0.011042
	0.102830	-0.001898	-0.009226	-0.000682	0.019552	0.012849
	-0.023044	-0.008409	-0.017938	0.014907	0.058344	0.001602
	-0.007052	-0.027710	-0.016673	0.055309	-0.021943	-0.021363
	0.004652	-0.009551	0.023730	-0.039702	0.021742	-0.029341
	-0.008758					
y300	0.017198	-0.046511	0.049966	-0.035035	0.007014	0.016064
	-0.038867	0.016610	0.001439	0.000346	0.024805	-0.003920
	-0.043154	-0.000779	0.009589	-0.018891	-0.008265	0.009761
	-0.019648	-0.015173	-0.001481	0.018673	-0.027860	-0.006389
	-0.034359	0.014760	0.027575	0.007596	-0.045420	-0.002092
	-0.002200					

z300	-0.007044	-0.018153	0.038123	-0.056756	0.011245	-0.031342
	-0.051035	-0.049037	-0.011699	-0.029112	0.047392	-0.010794
	-0.017727	0.004830	-0.006686	0.016112	-0.011607	-0.032026
	0.018696	-0.047970	0.011145	-0.002196	0.054871	0.003802
	-0.004921	0.015463	0.028402	0.018937	-0.031894	-0.000492
	0.007150					
x301	0.009821	0.031529	0.005811	0.058139	-0.012137	-0.005206
	0.079210	0.001991	0.002247	0.005552	-0.001664	0.013041
	-0.009887	0.002612	-0.034213	0.011481	0.032052	-0.000352
	-0.034387	-0.001436	-0.005069	0.001624	-0.032637	-0.022644
	0.031822	0.018758	0.011426	0.005709	0.038387	0.031263
	-0.020110					
y301	0.015594	-0.012273	-0.003930	-0.023427	0.022303	0.016181
	-0.013088	-0.014678	-0.012961	-0.003684	0.014415	-0.016897
	-0.020343	-0.020041	-0.008508	0.025559	-0.014365	0.036883
	-0.029324	-0.053050	-0.046556	-0.018811	-0.002908	-0.021381
	-0.043799	0.059566	0.040900	-0.031345	-0.006114	0.021685
	0.020396					
z301	0.002918	-0.036188	0.013854	-0.028418	0.011883	-0.024234
	-0.061158	0.012354	0.002906	0.004192	0.017671	-0.006733
	-0.001498	0.011908	-0.015985	-0.023833	0.021861	-0.007766
	-0.014016	-0.011798	0.007897	-0.021647	0.044861	-0.029400
	0.025155	0.006409	0.022583	0.031784	-0.028256	0.034348
	-0.000546					
x302	-0.007485	0.027359	0.006774	0.056601	-0.025124	-0.006822
	0.089903	0.025008	0.002080	0.011781	-0.022792	0.016910
	0.008901	0.004133	-0.019287	-0.007365	0.056245	-0.010826
	-0.021227	0.021714	0.010429	0.008056	-0.049002	-0.021945
	-0.006387	-0.019875	-0.012631	-0.000266	0.033796	0.005911
	-0.016510					
y302	0.004675	-0.017132	0.006628	-0.023378	0.000232	0.001292
	-0.020079	0.008266	-0.005634	-0.000268	-0.007604	0.012045
	-0.018853	-0.021942	-0.013057	0.024833	-0.018454	0.025638
	-0.009076	-0.055646	-0.014272	-0.010519	-0.038702	-0.017411
	-0.060583	0.038720	-0.006761	-0.009611	-0.022704	0.009051
	0.009437					
z302	-0.005192	-0.030833	-0.006810	-0.029243	0.012404	-0.007296
	-0.050912	0.011285	0.008380	0.004401	0.001219	-0.008728
	0.017455	0.011694	0.001924	-0.028231	0.010375	-0.005689
	-0.020314	0.007322	-0.015238	0.002466	0.049708	0.004636
	0.012729	0.011337	0.010335	0.025473	-0.023385	0.049142
	0.001564					

x303	-0.011714	0.030011	0.005471	0.055164	-0.020266	0.003312
	0.099260	0.035159	0.010766	-0.009116	-0.029503	0.002840
	0.009072	-0.003540	0.010891	0.003226	0.047586	0.000481
	-0.037121	0.048582	0.013175	0.055460	-0.049131	0.005948
	-0.015425	-0.031041	-0.023084	-0.023788	0.023653	-0.038950
	-0.002095					
y303	-0.001465	-0.009587	-0.010648	-0.027051	-0.003374	0.011303
	-0.041543	0.027206	-0.018070	0.000225	0.012553	-0.000010
	-0.010260	-0.012123	0.021726	0.013614	-0.017426	0.023049
	0.016439	-0.038655	-0.008371	-0.004038	0.009295	0.030248
	-0.042695	0.016433	-0.007378	-0.004273	0.001486	-0.033570
	0.005709					
z303	-0.005864	-0.039502	0.018446	-0.041025	0.023317	-0.000306
	-0.030295	-0.005247	0.008750	-0.003206	-0.022514	-0.027131
	0.019776	-0.021080	-0.010087	0.000947	0.021258	-0.013014
	-0.018076	-0.001500	0.013396	-0.010733	0.004702	-0.005787
	-0.001444	0.036390	-0.039314	-0.016892	-0.007286	-0.014096
	-0.003144					
x304	-0.005215	0.042480	-0.000257	0.063628	-0.019050	0.014466
	0.109229	0.027928	0.009522	-0.002720	-0.006841	0.024571
	-0.001468	-0.001416	0.007967	0.022950	0.051808	0.010319
	-0.021654	0.030313	-0.009223	0.041166	-0.042220	-0.007474
	0.021944	-0.027729	-0.002725	-0.007655	0.018136	-0.033381
	0.005806					
y304	0.006289	-0.013757	-0.015145	-0.024109	0.010473	0.013061
	-0.038713	0.003374	-0.031118	0.010749	0.011380	-0.005521
	0.003241	0.009826	0.030828	-0.020761	0.006149	0.004264
	0.000613	-0.028683	-0.012010	-0.073127	-0.003696	-0.008045
	-0.037424	-0.024562	0.045573	0.016708	-0.001987	0.005349
	0.044232					
z304	-0.006467	-0.027230	0.027050	-0.037831	0.030791	-0.013240
	-0.028858	0.002826	0.011762	0.004130	-0.000859	0.025461
	-0.001414	-0.003477	-0.041619	0.025331	-0.002354	0.009874
	0.027626	-0.015066	-0.004369	-0.004088	0.014698	-0.015324
	0.027854	0.060118	-0.023848	0.003119	0.027701	0.005102
	0.027331					
x305	0.003030	0.046127	-0.007178	0.069819	-0.021987	0.017619
	0.105058	0.017319	0.006769	0.011124	0.000478	0.036497
	-0.003889	-0.003495	-0.009816	0.019186	0.056537	-0.000406
	-0.007847	0.018267	-0.032429	0.013260	-0.053901	-0.030395
	0.029898	-0.034516	0.003488	0.000067	-0.002584	-0.011722
	0.030147					

y305	0.015473	-0.024746	-0.002707	-0.017885	0.003657	0.013865
	-0.054827	0.001536	-0.022346	0.020062	0.012042	0.015731
	-0.001798	0.015285	0.011400	-0.024279	-0.002067	0.011353
	0.020311	-0.032214	-0.031999	-0.055664	0.003475	-0.006431
	-0.033771	-0.017303	0.026540	0.025873	-0.003899	0.013347
	0.024039					
z305	-0.004678	-0.023973	0.002698	-0.036007	0.029501	-0.010144
	-0.030084	0.001399	-0.013258	0.003894	-0.002706	-0.004517
	0.023010	0.004324	-0.006829	0.002526	-0.000902	0.007154
	0.005227	0.003524	-0.003369	-0.015565	0.032622	-0.004208
	0.035631	0.034829	-0.002580	0.005370	0.029126	0.019796
	0.033041					
x306	0.004541	0.042048	-0.018481	0.070354	-0.026479	0.016179
	0.097658	0.020675	0.004383	0.028687	-0.012792	0.018849
	0.003918	-0.010428	-0.003644	0.008015	0.048876	0.014199
	-0.010941	0.001905	-0.049115	0.026830	-0.025865	-0.019190
	0.027882	-0.021057	0.000699	-0.018232	-0.026720	-0.002364
	0.004282					
y306	0.023019	-0.036010	0.001856	-0.016447	0.003959	0.013761
	-0.059870	0.003725	-0.028058	0.006219	-0.001419	-0.007212
	0.000360	0.005662	0.016137	-0.051027	-0.005808	0.014159
	0.026700	-0.013963	-0.027271	-0.028450	0.022192	0.009123
	-0.039192	0.003207	0.028680	0.017786	-0.009862	0.007005
	-0.010613					
z306	-0.003202	-0.030020	0.004854	-0.035704	0.027006	-0.006306
	-0.038256	0.001557	-0.013749	0.009437	0.007352	-0.009817
	0.033910	0.016549	0.013853	-0.003006	-0.014358	0.015115
	-0.021266	-0.000299	-0.003738	-0.007336	0.055894	0.003029
	0.017387	-0.004594	-0.005759	0.008157	0.021585	0.027198
	0.022209					
x307	0.012989	0.041986	-0.015172	0.064940	-0.022612	0.013558
	0.096911	-0.003938	0.005694	0.020530	-0.003850	0.011397
	-0.010428	-0.015513	0.000116	0.023444	0.020168	0.036379
	-0.027753	-0.015549	-0.046790	0.024874	-0.013866	-0.028008
	0.028974	-0.008108	0.022709	-0.041755	-0.043194	-0.007786
	-0.012652					
y307	0.028855	-0.038583	0.012393	-0.020658	0.011643	0.003915
	-0.053354	-0.011236	-0.024176	-0.005903	0.001276	-0.018080
	-0.006505	0.003928	0.015623	-0.045168	-0.022294	0.016983
	0.015470	-0.027315	-0.011857	-0.018605	0.023527	0.013747
	-0.034094	0.002546	0.026246	-0.003179	-0.000853	-0.013034
	-0.017710					

z307	0.009346	-0.035663	0.013647	-0.030534	0.026554	-0.000113
	-0.044524	-0.013476	-0.014458	-0.003448	0.024051	-0.006251
	0.021851	0.019456	0.010052	-0.006326	-0.017368	0.023491
	-0.036677	0.011960	0.003553	-0.017960	0.043367	-0.012320
	0.003566	-0.017285	0.005512	0.022037	0.004722	0.022848
	0.013404					
x308	0.004539	0.036722	-0.015912	0.062962	-0.026106	0.014119
	0.091539	0.010182	0.013179	0.028262	-0.027709	0.004363
	-0.010999	-0.016370	-0.000462	-0.010513	0.036093	0.007544
	-0.005841	-0.014328	-0.037106	0.006626	-0.036445	-0.019547
	0.010792	0.003772	0.027510	-0.042525	-0.046844	-0.020221
	-0.020560					
y308	0.022382	-0.040938	0.017595	-0.025269	0.021349	-0.003626
	-0.039043	-0.015268	-0.018052	-0.009190	-0.000353	-0.023549
	-0.007836	0.006767	0.017175	-0.038292	-0.018088	0.000331
	-0.002142	-0.041314	0.002565	-0.018979	0.015014	0.019205
	-0.033219	-0.010588	0.013586	-0.019485	0.014683	-0.029019
	-0.012406					
z308	0.015968	-0.043385	0.017701	-0.023149	0.017928	0.001996
	-0.053252	-0.005758	-0.013933	-0.006956	0.016685	-0.010049
	0.017769	0.018050	0.003238	-0.038470	-0.005170	0.010987
	-0.011166	0.030132	0.004709	-0.014295	0.018404	-0.018798
	-0.011718	0.000248	0.012845	0.027685	-0.019918	0.006957
	-0.006739					
x309	-0.000600	0.028714	-0.002067	0.053907	-0.029616	0.020482
	0.084759	0.003216	0.022372	0.023414	-0.035655	0.009875
	-0.013723	-0.019735	0.010532	-0.025708	0.030181	-0.009194
	0.017316	0.001935	-0.030579	0.012569	-0.039132	-0.001062
	0.013914	0.015897	0.033240	-0.031018	-0.038937	-0.018120
	-0.016523					
y309	0.003926	-0.033151	0.033124	-0.018802	0.030195	0.023760
	-0.002302	0.012758	-0.003250	0.001047	0.010327	-0.007434
	-0.006824	-0.004099	0.005767	-0.023710	0.047912	0.022385
	-0.005038	-0.036479	-0.024821	-0.021114	-0.020420	-0.044708
	-0.058949	-0.005202	0.023100	-0.007315	0.023901	-0.026808
	0.000459					
z309	0.019932	-0.048372	0.024154	-0.021635	0.021213	-0.000799
	-0.047622	-0.017883	-0.011813	-0.012542	0.012840	-0.016664
	0.005840	0.016908	0.006442	-0.050566	-0.015157	0.005400
	-0.003483	0.022151	0.006520	-0.008906	0.010905	-0.013604
	-0.011702	0.005423	0.018019	0.013578	-0.027447	-0.012353
	-0.020062					

x310	-0.006164	0.021819	0.011644	0.039358	-0.032431	0.013686
	0.074257	-0.004822	0.030062	0.016498	-0.026383	0.022270
	-0.015706	-0.014732	0.023866	-0.006533	-0.001542	-0.018465
	0.021753	0.010452	-0.018993	0.033633	-0.020896	0.019416
	0.033016	0.014296	0.026865	-0.015989	-0.015995	-0.012885
	-0.002041					
y310	0.001830	-0.027289	0.022087	-0.017514	0.027238	0.013861
	0.001529	0.017752	-0.009408	-0.003645	0.022999	-0.001113
	0.001072	-0.009355	0.000470	0.001049	0.038996	0.018727
	-0.003543	-0.024015	-0.025387	-0.008387	-0.014058	-0.053889
	-0.045936	-0.008357	0.004497	-0.005618	0.023258	-0.017283
	0.003987					
z310	0.005881	-0.041259	0.046693	-0.014490	0.036194	0.020714
	-0.002687	-0.003471	0.005184	-0.003876	0.028860	-0.008097
	-0.013522	0.016257	-0.005622	-0.023593	0.024313	0.032195
	-0.015390	-0.003623	-0.021077	-0.011428	-0.008539	-0.074306
	-0.025945	0.003069	0.037235	0.014682	-0.004527	-0.031628
	-0.002791					
x311	0.001749	0.026174	0.000114	0.048555	-0.025411	0.027657
	0.077134	-0.005284	0.022717	0.025949	-0.044237	0.006394
	0.008036	-0.040401	0.018637	-0.001472	0.028530	0.016441
	-0.017334	-0.008583	-0.008656	0.002391	-0.052796	0.015987
	0.017804	-0.007263	0.056302	-0.029474	-0.009894	-0.018008
	0.022912					
y311	0.053562	-0.029092	-0.030701	-0.000772	0.012603	-0.001470
	-0.059994	-0.010981	-0.050245	-0.007203	0.035164	-0.009225
	0.035912	-0.018154	0.011665	-0.036375	-0.023435	0.012313
	-0.024479	0.018181	-0.021018	-0.021920	-0.026770	0.007616
	-0.012123	0.000440	0.053488	-0.016247	0.002517	0.014266
	0.055144					
z311	-0.000836	-0.049857	0.057964	-0.026239	0.027673	0.018422
	-0.013778	-0.020874	0.015872	-0.028207	-0.023917	-0.011041
	-0.001772	0.006475	-0.030211	-0.003109	0.006052	-0.011291
	0.025432	-0.014776	0.033467	0.011909	0.044252	-0.008059
	0.008536	0.004515	-0.030605	0.014658	0.018604	-0.031168
	-0.016219					
x312	0.067696	-0.061014	0.047693	0.019490	0.030363	-0.020148
	-0.005321	-0.004026	0.004234	-0.001549	0.027849	-0.009220
	0.040901	0.008577	-0.044153	-0.000206	-0.032188	0.011221
	0.005085	-0.014708	-0.028783	0.025849	-0.005238	-0.022382
	0.017470	-0.059375	0.004417	-0.026108	-0.013915	-0.021830
	0.008677					

y312	-0.005177	-0.029918	-0.006068	-0.029284	0.024463	-0.011720
	0.038597	-0.027251	0.010321	0.006186	-0.050033	0.018728
	-0.034790	0.023480	0.023849	0.024470	0.026484	0.000580
	-0.021397	-0.022712	-0.011996	0.038685	0.014893	0.007381
	0.024649	0.060436	0.000277	0.043203	-0.019394	-0.024946
	0.039479					
z312	0.005368	-0.029303	-0.053651	0.078103	0.006323	-0.008725
	0.006207	0.019847	0.016365	-0.003198	0.003271	-0.014928
	-0.017714	0.015037	0.030268	-0.017818	-0.000110	-0.009318
	0.030653	-0.022390	0.029560	-0.023095	0.013300	0.020824
	0.008723	0.028406	0.061301	0.009525	-0.006630	0.028242
	-0.015407					
x313	0.012050	-0.036414	0.002287	0.001237	0.021974	-0.006298
	0.030183	-0.006634	0.011136	0.007459	-0.032942	0.004929
	-0.013848	-0.005563	0.018691	0.017608	0.028461	-0.036142
	-0.009852	-0.035221	-0.003255	0.016433	-0.010456	-0.018249
	-0.031152	0.033443	0.032474	-0.005151	-0.019059	-0.000465
	-0.013182					
y313	0.013532	-0.046520	0.012897	-0.030641	0.028552	-0.013028
	0.019239	-0.012707	0.009570	0.006035	-0.028827	-0.004950
	0.010273	0.033275	0.016955	0.028256	0.016326	0.011802
	-0.027291	0.008402	-0.037745	0.086012	0.030217	0.006913
	0.016726	0.019661	0.003960	0.022685	-0.034920	-0.012733
	0.008683					
z313	0.012418	-0.024395	-0.037838	0.061926	-0.003294	0.001010
	-0.001953	-0.004453	0.023836	-0.002389	0.011264	-0.002731
	-0.000378	-0.017642	-0.011554	-0.012759	0.025899	-0.052515
	0.037148	-0.051658	-0.022933	-0.036765	0.007376	-0.036494
	-0.012223	0.033047	0.030974	-0.016395	-0.010227	0.039452
	-0.031503					
x314	0.007491	-0.021111	0.010859	-0.022212	0.017006	-0.000465
	0.021349	-0.019746	0.001770	-0.001875	-0.035437	0.017017
	0.003796	-0.011950	0.016466	0.019652	0.015572	-0.020193
	-0.007873	-0.024166	0.023674	0.020333	-0.007245	0.009287
	-0.030828	0.013124	0.019228	0.007752	-0.008284	-0.006306
	0.000597					
y314	0.019484	-0.046770	0.008823	-0.020391	0.032032	-0.015303
	0.021060	-0.016231	0.009772	0.011050	-0.040396	-0.004477
	-0.000847	0.047574	-0.002070	0.020073	0.037228	-0.011330
	-0.034353	0.003481	-0.049035	0.061831	0.014733	0.006376
	0.030169	0.005597	0.008711	0.031558	-0.015127	-0.018072
	0.017497					

z314	0.002059	-0.009292	-0.039052	0.053579	0.004804	0.003498
	0.015400	0.013811	0.016650	0.005059	-0.005652	-0.015819
	-0.037705	-0.000066	0.022441	-0.041456	0.050343	-0.006189
	-0.008089	-0.015419	0.007905	-0.044005	0.005201	-0.014497
	0.009317	-0.009885	0.029090	-0.004744	0.033256	0.011183
	-0.014604					
x315	0.015491	-0.024226	0.021374	-0.018838	0.011737	-0.017551
	0.001864	-0.011643	-0.009181	0.005310	-0.004267	0.027289
	0.026275	-0.007971	-0.028024	0.006737	0.014401	-0.030981
	-0.000879	0.009077	0.000519	0.010706	-0.018065	0.028434
	0.016782	-0.014695	0.004486	0.021363	-0.023875	0.003004
	0.019143					
y315	0.016802	-0.039470	0.002518	-0.024436	0.032901	-0.009320
	0.027771	-0.020122	0.011539	0.008616	-0.052387	-0.002938
	-0.004971	0.042192	0.000844	0.022797	0.044475	-0.032424
	-0.038497	-0.018329	-0.041149	0.048952	0.009642	-0.001271
	0.004064	0.024368	0.010711	0.018264	-0.003985	-0.020222
	0.009798					
z315	-0.002070	0.006716	-0.034186	0.032215	0.004695	-0.005277
	0.013806	0.001739	0.000424	0.013142	-0.011845	-0.002367
	-0.034517	-0.008889	0.041566	-0.046893	0.033416	-0.007796
	-0.014962	0.016542	0.032265	-0.042364	0.012899	0.024583
	0.011345	0.003581	0.006893	-0.012881	0.025126	-0.000428
	-0.003314					
x316	0.009348	-0.030297	0.029124	-0.014965	0.016763	-0.017517
	0.009481	0.009979	-0.008447	0.008512	0.031826	0.011848
	0.027043	0.006343	-0.052559	0.007319	0.030985	-0.019349
	-0.017200	-0.022175	-0.062071	0.018628	-0.016620	-0.025538
	0.017093	-0.023123	0.023721	0.005275	-0.035541	0.015504
	0.004216					
y316	0.012992	-0.033055	-0.005065	-0.022021	0.027684	-0.008935
	0.025567	-0.012519	0.013936	0.015337	-0.067694	-0.000085
	0.002941	0.032939	-0.003863	0.002892	0.050736	-0.063220
	-0.022179	-0.006361	-0.027485	0.019991	-0.009993	0.009279
	-0.003314	0.025551	-0.007475	0.025049	-0.004320	-0.020706
	0.013428					
z316	-0.003303	0.013915	-0.023680	0.017256	-0.002259	-0.006326
	0.007545	-0.017312	0.012247	0.001365	-0.001124	-0.005461
	-0.020895	-0.035292	0.051000	-0.024970	0.009331	-0.017757
	-0.016381	0.015710	0.030729	-0.009708	0.021012	0.019074
	0.009480	0.016940	-0.008996	-0.034294	0.000836	0.003447
	-0.009132					

x317	0.013336	-0.037871	0.043027	-0.017656	0.008713	-0.002735
	0.002673	0.006503	-0.007648	-0.012121	0.026900	0.004269
	0.021739	0.032231	-0.065410	-0.000175	0.022470	-0.026492
	0.029733	-0.026669	-0.083660	0.014874	-0.003990	-0.053617
	0.014882	-0.004502	0.020822	-0.001382	-0.015972	0.016500
	0.004744					
y317	0.017034	-0.023729	-0.004010	-0.025819	0.027942	-0.009744
	0.030556	-0.033944	0.011198	0.006007	-0.057126	-0.005013
	0.001355	0.032786	0.005509	0.036739	0.010993	-0.033826
	-0.038610	-0.003929	-0.012719	0.022620	-0.009606	0.004328
	0.006104	0.019343	-0.009543	0.028226	-0.007336	-0.018362
	0.017593					
z317	0.003377	0.028698	0.000459	0.011626	-0.012910	0.014538
	0.018206	-0.028797	0.013962	-0.027717	0.012193	-0.002302
	-0.016343	-0.022327	0.018394	0.017295	-0.030306	0.040788
	0.008323	0.005495	0.013502	-0.021742	0.013980	-0.038673
	0.025830	0.016219	-0.009732	-0.000796	0.004907	0.015890
	0.004818					
x318	0.033717	-0.028990	0.045062	-0.011788	0.001239	0.032877
	0.013497	-0.017315	0.008696	-0.038676	0.009430	0.002773
	-0.004447	0.031436	-0.070153	0.038085	-0.010930	0.002534
	0.009773	-0.035590	-0.026911	0.003537	0.009759	-0.053189
	0.020119	-0.013663	0.014634	0.004733	0.038294	0.004091
	0.014901					
y318	0.000850	-0.029188	-0.005303	-0.028921	0.023558	-0.021679
	0.016078	-0.009162	-0.000581	0.033312	-0.052998	-0.008577
	0.025775	0.035472	0.012017	0.004360	0.024700	-0.058804
	-0.010112	0.008238	-0.046668	0.027255	-0.017373	0.015178
	-0.006182	0.023386	-0.022644	0.022531	-0.034978	-0.014923
	0.001920					
z318	-0.013561	0.017290	0.007854	0.005345	-0.017895	0.006672
	-0.003624	-0.000033	0.008447	-0.004634	-0.016154	0.004158
	0.029113	-0.003629	-0.009069	0.011869	-0.000653	0.008438
	0.042687	-0.005763	-0.007433	-0.013992	0.013232	-0.003360
	-0.003788	-0.008711	-0.039459	-0.003197	-0.004360	0.010484
	0.004641					
x319	0.029988	-0.013486	0.023436	-0.007218	0.004753	0.014356
	-0.005857	0.000989	0.003396	-0.013148	-0.034236	0.004729
	0.012148	0.027783	-0.044837	-0.025796	0.014821	-0.039359
	0.019527	-0.014140	0.027808	0.003806	-0.012491	-0.005708
	0.004862	0.009354	-0.007579	0.026801	0.029294	-0.019406
	0.007647					

y319	0.002522	-0.024553	0.002975	-0.032541	0.031056	-0.009091
	0.019129	-0.011168	-0.013672	0.011487	-0.022782	0.013667
	0.009905	0.034514	0.011376	0.014128	0.018411	-0.039175
	-0.023088	-0.023602	-0.054497	0.035572	0.016778	-0.005119
	0.013668	0.019583	-0.001001	-0.002026	-0.009944	-0.023025
	-0.003639					
z319	-0.021780	0.012430	-0.003704	0.003356	-0.002154	-0.007625
	-0.003697	0.020630	0.002850	0.016632	0.008597	0.010639
	0.019487	0.005955	0.009784	-0.023927	-0.001126	-0.004237
	0.018869	-0.009897	-0.027142	-0.019423	0.008304	-0.001246
	-0.018754	-0.015184	-0.000719	-0.010325	0.001988	-0.011671
	-0.003826					
x320	0.024878	-0.007611	0.010874	-0.006281	0.018024	-0.010512
	0.001648	0.003027	0.005498	0.003722	-0.020334	-0.001521
	-0.009444	0.030052	-0.014415	-0.044992	0.024948	-0.023695
	0.015799	-0.019926	0.013419	0.005804	-0.007530	0.000510
	-0.000656	0.026609	-0.010087	0.007683	-0.014517	-0.001676
	-0.000169					
y320	0.009155	-0.024019	0.008969	-0.032826	0.022411	0.006592
	0.011548	-0.013578	-0.016668	-0.007192	-0.028279	0.019451
	0.015726	0.024244	-0.002832	0.022643	0.018638	-0.045164
	-0.033701	-0.030804	-0.023501	0.042409	0.028715	0.008083
	0.032577	0.006180	-0.013325	-0.012908	0.017651	-0.030621
	0.000369					
z320	-0.007602	0.000169	-0.011516	-0.000593	0.010492	-0.013506
	-0.003889	-0.004275	0.003122	0.010090	0.027619	-0.017480
	-0.011112	0.006467	0.012597	-0.003356	-0.020517	0.031009
	-0.033798	0.000923	-0.025116	0.008930	0.005014	0.001277
	-0.002996	0.008740	0.003326	-0.034870	-0.000764	0.007342
	-0.008683					
x321	0.007960	-0.025106	-0.002692	-0.003476	0.003369	-0.013581
	0.010165	0.001754	0.003580	0.034939	-0.020202	-0.017661
	0.005993	0.012096	0.008609	-0.020002	0.016829	-0.016101
	-0.010077	0.013011	-0.033256	0.012722	-0.025715	0.034864
	0.006012	0.012330	-0.024208	-0.014378	-0.044231	0.004278
	-0.012834					
y321	0.012698	-0.027571	0.009917	-0.029926	0.017441	0.001991
	0.008231	-0.005846	-0.005007	0.003507	-0.033876	0.015498
	0.025077	0.023420	-0.008621	0.010952	0.024776	-0.052839
	-0.003926	-0.023197	-0.019046	0.033024	0.011845	-0.002344
	0.031612	0.014907	-0.020437	-0.000835	0.009929	-0.022190
	0.000120					

z321	-0.004356	-0.011836	0.000451	0.001415	0.006209	-0.005813
	-0.001574	0.006872	0.000883	-0.006160	0.036727	-0.035454
	-0.005457	-0.018716	0.008629	0.015113	-0.004048	0.032021
	-0.027258	0.011713	-0.020908	0.016116	0.009753	-0.006121
	0.002628	-0.006050	0.003554	-0.060034	-0.009999	0.020096
	-0.034999					
x322	0.002373	-0.006348	-0.002514	-0.016592	0.008554	-0.012000
	0.015524	-0.009805	-0.011646	-0.007052	-0.017900	-0.003244
	-0.002857	0.012761	0.008391	-0.006118	0.007441	-0.012286
	-0.000221	0.002939	-0.003261	0.032860	0.021098	0.011358
	0.016769	0.012192	-0.010784	-0.015425	-0.012939	-0.001139
	0.005568					
y322	0.013330	-0.046766	0.007903	-0.020255	0.009872	-0.006727
	0.015249	-0.004291	0.006639	0.018336	-0.023518	0.000903
	0.023934	0.013743	-0.007386	0.003450	0.021150	-0.055100
	-0.021680	0.001537	-0.046214	0.016940	-0.037421	0.003495
	0.019985	0.011086	-0.022405	0.008126	-0.007172	-0.008959
	0.021148					
z322	-0.000419	-0.025245	0.011544	0.028149	-0.004877	-0.021001
	0.004887	0.027435	-0.004954	-0.022728	0.031395	0.000296
	-0.003772	-0.018888	-0.017598	0.007236	-0.005890	-0.031646
	-0.011311	0.020983	-0.019714	0.005512	-0.028662	-0.003224
	-0.037884	-0.006889	0.000291	-0.047876	0.030695	0.011814
	0.017624					
x323	0.008429	-0.000917	0.000308	-0.015112	0.004465	0.007167
	0.007662	-0.017223	-0.006468	-0.008198	-0.039725	0.002893
	0.013505	0.009757	0.002062	-0.003103	0.009157	-0.024345
	0.006367	-0.017676	0.025773	0.004172	-0.000040	-0.006432
	0.025648	0.009870	-0.018568	0.032899	0.023994	-0.017667
	0.020223					
y323	0.010658	-0.039425	0.007224	-0.019200	0.011842	-0.004966
	0.016177	0.000881	0.011002	0.020721	-0.021468	0.005558
	0.023848	0.021405	-0.009407	-0.014177	0.027633	-0.053433
	-0.021266	0.002866	-0.038453	0.009041	-0.036595	0.010323
	0.021497	0.004563	-0.045156	0.000002	-0.015967	-0.009846
	0.029161					
z323	0.000145	0.002584	0.015309	0.020971	0.000837	0.001803
	0.001023	0.011614	0.012281	-0.021667	0.002716	0.031559
	0.002340	-0.027194	-0.017765	-0.009427	-0.014487	-0.009733
	0.003770	0.018350	0.004349	-0.014562	-0.018068	0.011533
	-0.013967	-0.018977	0.007020	-0.039169	0.011366	0.017946
	0.014864					

x324	0.017893	0.003362	0.004558	-0.015526	-0.000777	0.022495
	0.002680	-0.023443	0.001146	-0.006723	-0.033407	0.005908
	0.023017	0.016763	-0.004337	-0.003598	0.033872	-0.030777
	0.024830	-0.020978	0.030754	-0.030048	-0.014695	-0.018038
	0.035109	-0.004395	-0.030809	0.052820	0.001049	-0.019434
	0.023511					
y324	0.003663	-0.034865	0.003076	-0.021636	0.015696	-0.004524
	0.016731	0.005660	0.005804	0.017134	-0.021055	0.001099
	0.019312	0.024639	0.009198	-0.013353	0.014986	-0.043860
	-0.031817	-0.002427	-0.028592	0.025681	-0.024960	0.011724
	0.022270	0.009572	-0.045292	-0.003433	-0.003018	-0.011300
	0.025106					
z324	-0.007319	0.016549	0.008070	0.007673	0.005119	0.001310
	0.009650	0.012585	0.002227	-0.016262	0.006864	0.024156
	0.002552	-0.016891	0.020512	-0.007578	-0.041846	0.016242
	0.001028	0.006625	0.005903	0.009224	0.004180	0.015345
	-0.015822	-0.003487	0.020242	-0.026597	0.009250	0.002178
	-0.006138					
x325	0.029138	-0.003886	-0.002071	-0.013465	0.001547	0.027744
	0.007425	-0.016670	0.001872	-0.001247	-0.029929	-0.023729
	0.029937	0.027029	0.023918	0.000128	0.033200	-0.002732
	0.042867	-0.035995	0.011886	-0.001232	0.018897	-0.016473
	0.031745	0.006544	-0.018960	0.029966	-0.000572	-0.016897
	0.014327					
y325	-0.001447	-0.028003	0.000059	-0.021743	0.018004	-0.003222
	0.012776	0.001217	0.004141	0.018409	-0.020141	0.006857
	0.013728	0.017835	-0.001983	-0.011553	0.017382	-0.047249
	-0.034546	-0.003967	-0.024819	0.013849	-0.039259	0.004722
	0.033534	0.008618	-0.052016	0.014370	0.007895	-0.009387
	0.036228					
z325	-0.015504	0.018221	-0.004970	0.005471	0.002916	0.003978
	0.007923	0.012579	0.001979	-0.012972	0.008224	0.020250
	-0.007760	-0.018504	0.008701	0.005712	-0.027798	0.023679
	-0.011428	0.006738	0.000642	0.019142	-0.008749	0.014469
	-0.007040	0.001667	0.017116	-0.015329	0.018817	-0.008384
	-0.005502					
x326	0.038421	-0.016303	-0.013523	-0.000338	0.004376	0.026996
	-0.010007	-0.016699	0.011594	0.007755	-0.037578	-0.015321
	0.020795	0.040164	0.014356	-0.002608	0.038749	-0.014026
	0.052314	-0.023464	0.017134	-0.004489	0.011521	-0.023040
	0.024734	0.011438	-0.036521	0.025540	-0.011137	-0.013900
	0.008368					

y326	-0.004709	-0.020152	0.003858	-0.026990	0.017768	-0.001350
	0.012632	-0.004137	0.001370	0.019806	-0.012812	-0.003205
	0.015947	0.012424	-0.003559	-0.009925	0.017629	-0.047351
	-0.033402	-0.012627	-0.028581	-0.001471	-0.040843	-0.004711
	0.036644	0.001851	-0.042635	0.031620	0.017279	-0.002422
	0.048532					
z326	-0.010800	0.017754	-0.008144	0.006220	0.002145	-0.002681
	0.000413	0.001244	0.007379	-0.000496	0.005530	0.026551
	-0.016341	-0.011014	-0.028553	0.008960	0.000594	0.003748
	0.014793	0.003642	0.003505	-0.015345	-0.046169	0.000664
	0.002238	-0.003524	-0.004987	-0.004419	0.021597	-0.024306
	0.026911					
x327	0.042936	-0.027332	-0.016551	0.014293	0.001273	0.017519
	-0.022676	-0.016077	0.007644	0.019921	-0.045181	-0.001905
	0.021659	0.042733	0.003494	-0.018978	0.036736	-0.037503
	0.061155	-0.022571	0.012609	-0.025120	-0.000312	-0.018965
	0.010339	0.005770	-0.042039	0.039339	-0.014725	-0.014805
	0.001301					
y327	-0.007613	-0.015497	0.004439	-0.033284	0.017128	0.006851
	0.008039	-0.003491	0.001541	0.018568	-0.006006	-0.021725
	0.019911	0.013854	0.011213	-0.006602	0.014275	-0.040836
	-0.037466	-0.013999	-0.028319	0.001825	-0.017801	-0.009825
	0.033952	0.001482	-0.022102	0.032264	0.020277	0.010506
	0.039431					
z327	-0.002399	0.004028	-0.003283	0.004850	0.002603	0.000393
	-0.000588	0.003970	0.005074	-0.005502	0.013030	-0.001666
	-0.013316	0.004596	-0.003329	0.011918	0.007162	0.014404
	0.013815	-0.000672	0.008559	-0.002392	-0.003220	0.007771
	-0.009513	-0.002225	0.004476	-0.021052	0.004025	-0.024271
	0.000321					
x328	0.038731	-0.034786	-0.010049	0.020020	-0.002305	0.017784
	-0.019417	-0.011164	-0.001499	0.010405	-0.040054	-0.006470
	0.022162	0.039514	0.022280	-0.017830	0.019579	-0.037558
	0.033195	-0.021849	0.003507	-0.005148	0.017880	-0.004230
	-0.002786	0.006064	-0.015111	0.026079	-0.010511	-0.000811
	-0.006891					
y328	-0.006981	-0.011511	0.001400	-0.032082	0.015138	0.012674
	-0.000771	-0.000737	0.002434	0.024902	-0.010588	-0.027365
	0.024502	0.016740	0.013732	-0.010964	0.020052	-0.042038
	-0.027326	-0.014062	-0.022630	-0.007158	-0.006820	-0.017389
	0.032088	-0.002051	-0.011410	0.035569	0.020842	0.015688
	0.030478					

z328	0.003306	-0.011595	-0.004127	0.015770	-0.010089	0.004708
	-0.011373	0.028142	-0.003439	-0.014666	-0.009165	-0.013979
	0.004829	0.011823	0.008760	-0.009377	0.024523	-0.003717
	0.031445	-0.004488	0.022126	-0.000370	0.026845	0.023993
	-0.034937	-0.008187	-0.005404	-0.016308	-0.013424	-0.020572
	-0.026282					
x329	0.029136	-0.029603	-0.005974	0.019447	0.001254	0.017170
	-0.017904	-0.002779	-0.007728	0.004471	-0.036479	0.006579
	0.021216	0.036823	0.017355	-0.017678	0.005928	-0.045858
	0.014433	-0.023433	0.006596	-0.008064	0.027153	-0.004738
	0.011137	-0.000293	0.005355	0.023756	0.002726	0.004527
	0.004577					
y329	0.003459	-0.009448	0.002660	-0.025900	0.015367	0.015192
	-0.003610	-0.020666	0.003255	0.029544	-0.005658	-0.027511
	0.017963	0.019970	0.017713	0.000173	0.010581	-0.025774
	-0.025976	-0.011231	-0.028003	-0.016709	-0.005913	-0.027272
	0.037530	0.000566	0.002763	0.034565	0.020575	0.021884
	0.027867					
z329	0.031624	-0.014823	0.001337	0.029815	-0.001114	0.009260
	-0.010196	-0.016502	-0.005145	-0.023623	0.003898	0.011534
	-0.016256	0.022067	0.008892	0.020036	-0.007251	0.017738
	0.022157	-0.011103	0.008837	-0.010661	0.024076	0.008561
	-0.014644	0.007532	-0.005679	-0.019766	-0.005485	-0.029280
	-0.005937					
x330	0.047560	-0.020971	-0.009690	-0.008538	0.004699	0.024578
	-0.023369	-0.051879	0.024571	0.013400	0.014739	-0.011555
	-0.006695	0.012460	0.027056	0.016361	0.010913	-0.023148
	0.026790	-0.031598	-0.011827	-0.006871	0.011320	-0.011329
	0.015236	0.025466	0.025329	0.020247	0.001332	-0.003806
	0.006880					
y330	-0.005490	-0.014951	0.012124	-0.013532	0.006527	0.001336
	-0.006446	-0.008200	-0.007952	0.029590	-0.030779	-0.029115
	0.033903	0.033966	0.023267	-0.013631	-0.019821	-0.036358
	-0.021161	-0.001970	-0.019616	-0.018358	0.009847	-0.027777
	0.035412	-0.006059	0.008487	0.034772	0.017162	0.036642
	0.025732					
z330	0.012636	-0.039996	0.019159	0.052133	-0.013221	-0.008886
	0.011225	-0.010931	-0.015576	-0.027436	-0.024004	0.002170
	-0.004885	0.025813	0.000667	0.024453	-0.045329	0.005608
	0.014549	0.014775	0.002658	-0.011899	0.005778	0.002438
	-0.033162	-0.015314	-0.008059	-0.024447	0.017284	-0.005614
	0.036267					

x331	0.003723	-0.041407	0.007508	0.026492	-0.034380	-0.025507
	0.005747	0.042823	-0.033963	0.019840	0.029564	-0.013902
	-0.079374	-0.012142	-0.008329	-0.002603	-0.011685	-0.042986
	0.013870	0.039607	0.037891	0.017783	0.030588	-0.022105
	-0.011547	-0.013969	-0.004251	-0.020558	0.052412	-0.035837
	-0.026630					
y331	-0.034682	0.016321	-0.007215	-0.007154	-0.037809	-0.003718
	0.057424	-0.028717	0.019803	-0.030104	0.003014	-0.011708
	-0.033827	-0.006947	0.054376	-0.012299	0.008144	0.036921
	0.051182	-0.030942	-0.000279	-0.019704	-0.033294	-0.030840
	0.011917	0.039526	-0.026467	0.012114	-0.038870	-0.005617
	0.021440					
z331	-0.025408	0.016977	-0.015715	0.024307	0.012791	-0.014482
	-0.021580	0.020781	0.064077	-0.008980	-0.010041	-0.022827
	0.012483	0.001274	-0.012426	-0.074077	0.044197	0.022315
	-0.010903	-0.023093	0.002501	-0.003305	0.018196	0.056719
	0.028374	0.033569	-0.005982	0.012574	-0.007039	0.038004
	0.012147					
x332	0.011539	-0.034347	0.008662	0.023824	-0.016675	-0.016871
	-0.009128	0.022141	-0.030710	0.017973	0.039727	-0.025655
	-0.076139	0.006873	-0.004422	0.008029	-0.059879	-0.014481
	-0.007102	0.058175	0.022781	0.037029	0.063265	-0.037419
	0.013236	0.006628	0.011421	-0.021244	0.047839	-0.009718
	-0.020883					
y332	-0.011333	0.017545	-0.007249	0.000476	0.000719	0.001902
	-0.005799	-0.013163	0.037731	-0.028518	-0.013912	-0.002246
	0.039417	0.010421	0.015197	-0.035819	-0.002674	0.021143
	0.004797	-0.021725	-0.010542	-0.014517	-0.005510	-0.007056
	0.025417	0.028219	-0.022684	0.023584	-0.025920	0.031994
	0.011633					
z332	-0.031744	0.023426	-0.006371	0.020614	-0.002669	-0.009677
	-0.000610	-0.011264	0.060762	-0.011930	-0.005224	-0.029197
	-0.005591	0.011155	0.016287	-0.049745	0.019346	0.047595
	0.008931	-0.014972	0.017518	-0.009883	0.026172	0.031825
	0.031063	0.039753	0.004524	0.010109	-0.007300	0.017498
	0.013768					
x333	0.008789	-0.028485	0.006139	0.022435	-0.019707	-0.015695
	0.002603	0.023103	-0.037032	0.024552	0.027091	-0.034524
	-0.097559	0.002708	0.000825	0.014143	-0.044162	-0.016923
	0.004586	0.061929	0.044180	0.042452	0.048457	-0.011664
	0.013618	-0.005988	0.006036	-0.028536	0.057861	-0.027241
	-0.006062					

y333	-0.016188	0.019783	-0.003592	0.001275	0.000266	0.005468
	0.000569	-0.021350	0.039527	-0.037947	0.003388	-0.028829
	0.019788	0.011020	0.037803	-0.010987	-0.009012	0.061751
	-0.012931	-0.008386	0.024188	0.012614	0.013438	-0.006170
	0.027135	0.036107	-0.005160	-0.005048	-0.014764	0.022754
	0.009275					
z333	-0.026561	0.026747	-0.002007	0.013970	-0.005676	-0.003108
	0.016016	-0.020854	0.053272	-0.010559	-0.013127	-0.019962
	-0.020125	-0.001398	0.012408	-0.038811	0.040678	0.037308
	0.012886	-0.029434	0.027138	-0.025564	0.025896	0.024546
	0.025214	0.026770	0.001871	-0.002426	0.004854	-0.002398
	0.009962					
x334	0.004499	-0.029812	0.002632	0.015340	-0.018990	-0.010072
	0.012169	0.031576	-0.042101	0.025156	0.004106	-0.034052
	-0.104852	-0.002544	0.014325	0.021912	-0.032348	-0.012908
	0.005801	0.059569	0.057379	0.045959	0.037888	0.003778
	0.001323	-0.019256	0.001217	-0.019445	0.073169	-0.037734
	0.003684					
y334	-0.030647	0.023973	-0.005623	0.009491	-0.016609	-0.002004
	0.012294	-0.002145	0.052123	-0.023081	-0.027342	-0.029817
	-0.001401	0.002803	0.043183	-0.038519	0.021901	0.039780
	0.011602	-0.008289	0.049245	-0.014276	0.021083	0.000705
	0.015410	0.033953	-0.030561	0.005414	0.005242	0.003904
	0.016876					
z334	-0.022839	0.019890	-0.002888	0.003065	-0.001998	0.009243
	0.017117	-0.014039	0.041030	-0.014515	-0.026997	-0.010063
	-0.005440	-0.017093	0.017828	-0.020173	0.047526	0.035425
	0.004332	-0.035098	0.034584	-0.024504	0.015785	0.008206
	0.001674	0.002895	-0.009738	0.002286	0.006024	-0.013741
	0.002596					
x335	-0.000311	-0.028860	-0.003671	0.010476	-0.018379	-0.006303
	0.017442	0.036393	-0.036345	0.029405	-0.013944	-0.036018
	-0.094053	0.005951	0.021103	0.004775	-0.030593	-0.030461
	0.026074	0.038570	0.045190	0.051963	0.025430	0.008196
	0.009276	-0.045802	0.001316	-0.002602	0.054382	-0.052588
	-0.012851					
y335	-0.033117	0.018788	-0.006935	0.000982	-0.020641	-0.012654
	0.039906	0.006714	0.040018	-0.007736	-0.014630	-0.011684
	-0.035270	-0.013439	0.085504	-0.041909	0.032186	0.026885
	0.028751	-0.027380	0.052980	-0.039909	0.019678	-0.018078
	0.013719	0.012439	-0.019198	0.010374	0.000996	-0.023877
	0.009012					

z335	-0.019767	0.023206	-0.004550	0.005447	-0.008739	0.019569
	0.006200	-0.019378	0.043840	-0.019822	-0.038948	-0.017754
	0.029443	-0.011171	0.005782	-0.030534	0.041343	0.007236
	0.013004	-0.040970	0.019560	-0.011331	0.009868	-0.005140
	0.000067	-0.028373	-0.020699	0.006255	-0.014211	-0.009579
	-0.012740					
x336	0.004690	-0.023371	-0.005410	0.003083	0.000659	-0.003757
	0.015107	0.021965	-0.024582	0.021462	0.014875	-0.032059
	-0.064942	0.012879	0.020466	0.014780	-0.058967	-0.021057
	0.018472	0.036429	-0.000604	0.071459	0.013196	-0.009934
	0.015915	-0.047798	0.042343	0.004925	0.015780	-0.071564
	-0.029378					
y336	-0.025244	0.021123	-0.011901	-0.004965	-0.013752	-0.004844
	0.040463	-0.020601	0.028965	-0.008334	0.026802	-0.008297
	-0.048166	-0.010887	0.087700	-0.011800	0.021008	0.032872
	0.003547	-0.039718	0.013099	-0.017696	0.002608	-0.035896
	0.025350	-0.016047	0.010684	0.002675	-0.025983	-0.051265
	-0.006823					
z336	-0.015398	0.029119	-0.003002	0.001962	-0.000935	0.010135
	0.004089	-0.021598	0.046536	-0.025281	-0.013491	-0.009636
	0.056979	-0.000271	0.018297	-0.044323	0.008737	0.012724
	0.013573	-0.023441	-0.020828	-0.013735	-0.011602	-0.009620
	-0.017068	-0.002706	0.006613	0.010158	-0.028568	-0.003228
	-0.006639					
x337	0.004365	-0.018506	-0.009487	0.004045	0.008158	-0.003717
	0.006056	0.024331	-0.015095	0.035227	0.022283	-0.023729
	-0.045583	0.021058	0.008596	0.017411	-0.055665	-0.027081
	0.017177	0.052534	-0.021188	0.064578	0.005392	-0.012848
	0.009714	-0.028951	0.031953	-0.021552	0.014241	-0.066137
	-0.023754					
y337	-0.026210	0.022227	-0.010933	-0.007884	-0.011355	0.004368
	0.030316	-0.019795	0.019600	-0.005052	0.029576	-0.019736
	-0.022211	-0.004537	0.061826	0.016481	0.036643	0.032868
	-0.005382	-0.029730	-0.004338	-0.017812	-0.001234	-0.006977
	-0.001540	-0.022415	0.026119	-0.020178	-0.020384	-0.053064
	0.003297					
z337	-0.007525	0.030866	-0.008758	0.004621	0.008537	0.011499
	0.005889	-0.034955	0.058234	-0.008450	-0.001737	0.017575
	0.035106	0.035045	0.042392	-0.044430	-0.003199	0.019050
	0.004473	-0.012743	-0.041053	-0.017144	-0.019288	-0.007977
	-0.017422	0.052360	-0.012209	-0.024844	-0.005623	0.015440
	0.003671					

x338	0.002137	-0.028442	-0.001380	-0.002010	-0.001477	-0.008287
	0.006878	0.021307	-0.040517	0.028466	0.023524	-0.027024
	-0.054007	0.015403	-0.000099	0.022732	-0.057010	-0.013125
	0.026641	0.045921	-0.017392	0.027218	0.040364	0.006278
	0.000133	-0.005577	0.021884	-0.053448	0.068030	-0.018567
	-0.001415					
y338	-0.032421	0.020687	0.006040	-0.006110	-0.026679	-0.003836
	0.040062	-0.023734	-0.002988	-0.027767	0.037309	-0.049775
	0.000115	-0.019759	0.019938	0.022583	0.037697	0.012456
	0.018916	-0.022088	-0.014276	-0.052504	0.050637	-0.022071
	0.016647	-0.007316	0.008988	-0.060303	-0.001145	-0.007437
	0.024365					
z338	-0.000017	0.012032	-0.012515	0.001116	-0.001764	0.004508
	-0.004996	-0.030671	0.024408	0.008166	-0.013336	0.022894
	0.014014	0.038848	0.052837	-0.051321	-0.020014	0.005776
	0.010398	-0.025658	-0.003708	-0.022644	0.014763	-0.006032
	-0.029862	0.052487	-0.045077	-0.011144	-0.002123	0.024699
	-0.008049					
x339	0.000419	-0.033746	0.002589	-0.003324	-0.002604	-0.012738
	0.001214	0.019909	-0.047381	0.010336	0.010491	-0.040827
	-0.067685	0.000229	-0.011828	0.016146	-0.060119	-0.015450
	0.032576	0.020393	-0.008042	0.045269	0.034294	-0.006266
	0.016907	-0.021339	0.036915	-0.003975	0.048605	-0.039909
	-0.021856					
y339	-0.028430	0.006518	0.002925	-0.001232	-0.033779	0.008102
	0.010186	-0.032592	-0.000558	-0.024938	0.011047	-0.022368
	-0.019306	0.005852	0.001183	0.006041	0.014118	-0.001714
	0.004824	-0.015051	-0.002081	-0.021532	0.031704	-0.023432
	-0.007080	0.024125	-0.038672	-0.030293	-0.029314	0.007606
	0.006461					
z339	0.001120	0.011897	-0.004390	0.001356	-0.004237	-0.021935
	0.007229	-0.025115	-0.019631	-0.022047	-0.001202	-0.046932
	0.036098	-0.017768	0.012658	-0.028900	-0.011392	-0.027431
	0.032531	-0.032694	0.009432	-0.009747	0.052191	-0.034856
	0.011798	0.011052	0.002003	0.046699	-0.039786	-0.013721
	-0.022484					
x340	-0.003159	-0.032420	0.002072	0.002724	-0.001178	-0.007241
	-0.017508	0.024204	-0.019970	0.029374	0.010251	-0.025956
	-0.084533	-0.001299	-0.009495	0.019753	-0.042977	-0.018384
	0.008742	0.036080	0.004926	0.057724	0.011810	-0.022515
	0.010232	-0.012420	0.021902	0.005444	0.053919	-0.040783
	-0.017382					

y340	-0.020623	0.008626	0.007892	0.008143	-0.026419	0.015574
	-0.011641	-0.012003	0.033840	-0.009539	0.008629	0.000285
	-0.012168	-0.000189	-0.000921	-0.003432	0.011148	-0.006847
	-0.022578	-0.004449	0.000016	0.006365	-0.006272	-0.036570
	-0.033150	0.030943	-0.083532	-0.022742	-0.008050	0.012417
	0.006520					
z340	-0.014396	0.018537	-0.001858	-0.004221	-0.022261	-0.011784
	-0.013527	-0.031949	0.000020	-0.009024	0.021683	-0.041271
	0.021583	-0.044914	0.000846	-0.030337	0.004956	0.005369
	0.013727	-0.034029	-0.004542	-0.035964	0.028468	-0.025530
	-0.021751	0.009563	0.045853	0.064929	-0.009813	-0.019951
	-0.004808					
x341	-0.011954	-0.025186	0.007595	-0.002183	-0.010769	-0.006778
	-0.022686	0.032441	-0.001707	0.029131	0.015013	-0.009939
	-0.078136	-0.008329	-0.020453	0.014814	-0.039931	-0.020548
	-0.001512	0.052025	0.022433	0.076138	-0.008047	-0.003293
	0.023871	-0.033606	0.002148	-0.019706	0.037822	-0.054167
	-0.005430					
y341	-0.022896	0.017212	0.016313	-0.002238	-0.033283	0.003949
	-0.039159	-0.015964	0.040070	-0.018333	0.027417	-0.017377
	-0.003874	-0.032955	0.010642	0.004568	-0.016422	0.008314
	-0.023404	0.009788	-0.007078	0.002937	0.024464	-0.025166
	-0.023304	0.017222	-0.025280	0.004012	-0.004344	0.022020
	-0.008608					
z341	-0.024005	0.025601	0.010269	0.004375	-0.024911	0.001010
	-0.013765	-0.017838	0.037773	-0.010664	0.033867	0.001489
	0.020603	-0.030838	0.003687	-0.009359	0.037118	0.012432
	0.008142	-0.006378	0.003838	-0.017410	-0.007774	-0.012840
	0.015270	-0.009901	0.006770	-0.019976	-0.025375	-0.022579
	0.013590					
x342	-0.008346	-0.025614	0.002209	-0.004109	-0.002961	0.002699
	-0.002203	0.014617	-0.001901	0.020090	0.000389	-0.002024
	-0.070483	0.007148	-0.004753	0.022074	-0.040680	0.001670
	-0.018253	0.040557	0.025812	0.065865	0.001708	0.026830
	0.003448	-0.009560	-0.002853	-0.045121	0.049176	-0.033674
	0.002525					
y342	-0.032106	0.019274	-0.005990	-0.000288	-0.032176	-0.007150
	-0.008147	-0.020841	0.015877	-0.019931	0.018689	-0.028240
	-0.002675	-0.047361	0.014850	-0.000705	0.014917	0.023196
	0.011872	0.001499	0.008096	-0.001489	0.013357	0.004225
	0.017086	0.004941	0.019790	-0.023971	0.003704	-0.014898
	0.005790					

z342	-0.021007	0.023648	0.016714	0.015319	-0.023387	0.018965
	0.009151	-0.011100	0.041889	-0.014899	0.011380	0.016813
	0.024318	-0.010454	0.007727	0.003267	0.067589	0.015666
	-0.001789	-0.002686	0.007750	-0.024404	0.000358	0.007362
	-0.010106	-0.002269	-0.031716	-0.054971	-0.006711	0.011649
	0.019470					
x343	-0.004059	-0.025177	-0.013744	0.002000	0.010652	-0.001750
	0.005722	0.013452	-0.013377	0.027408	-0.018960	0.005408
	-0.062246	0.012974	-0.014684	0.011236	-0.046654	-0.004007
	-0.009906	0.031075	0.013148	0.038609	-0.018472	0.006443
	-0.001141	0.011633	-0.012201	-0.018222	0.043638	-0.030514
	0.005694					
y343	-0.029223	0.020387	-0.005301	0.008928	-0.023100	-0.015921
	0.030381	-0.032272	0.001999	-0.009926	0.027085	0.001778
	-0.024774	-0.031972	0.004924	0.005734	0.024458	0.022984
	0.019777	-0.018267	0.003682	-0.025317	-0.015805	-0.022718
	0.024066	-0.003813	0.026998	-0.018435	-0.015678	-0.041178
	0.015225					
z343	-0.006616	0.019606	0.001378	0.015954	-0.013689	0.013464
	0.008667	-0.019813	0.014713	-0.025373	-0.006156	0.004067
	0.021719	-0.018354	-0.003929	-0.001253	0.040688	0.000939
	0.007302	0.006090	-0.004866	-0.023308	0.006842	-0.002326
	0.002471	0.009053	-0.039765	-0.010851	-0.004076	0.014298
	0.009122					
x344	-0.002546	-0.025762	-0.004097	-0.003381	0.012920	-0.006342
	0.012773	0.022685	-0.026644	0.021130	-0.014181	-0.013146
	-0.050023	0.017145	-0.020320	0.016809	-0.055474	-0.000727
	-0.005988	0.010978	0.008279	0.029630	-0.003637	-0.007887
	0.007537	0.009306	0.013683	0.003666	0.037152	-0.024644
	-0.001407					
y344	-0.028812	0.014413	0.008794	0.007793	-0.025523	-0.014817
	0.046938	-0.016337	-0.007728	-0.014003	0.025976	-0.005063
	-0.004445	-0.036721	0.032677	-0.002995	0.012862	0.032580
	0.003405	-0.018630	-0.010511	-0.024367	0.019665	-0.013157
	-0.003810	0.004175	0.020381	-0.042922	0.000386	-0.015760
	0.002022					
z344	0.003636	0.016122	-0.002567	0.007914	-0.009452	0.008123
	-0.008363	-0.025859	0.007876	-0.035889	0.001829	0.000299
	0.006015	-0.013090	-0.018947	0.004441	0.020170	-0.007471
	0.010713	0.015849	-0.011822	-0.018337	0.008019	-0.006088
	0.007786	0.010730	-0.031671	0.027149	-0.012198	0.020172
	-0.001769					

x345	0.003954	-0.022654	-0.016833	-0.003791	0.024945	0.001671
	-0.004267	0.028151	0.001484	0.045503	-0.023293	0.005233
	-0.044847	0.042463	0.006099	-0.000345	-0.054624	-0.000801
	-0.015466	0.008961	0.012750	0.051883	-0.023163	0.005501
	-0.003973	0.009938	0.004933	-0.008496	0.029891	-0.034387
	-0.007635					
y345	-0.024039	0.008964	-0.001477	0.008811	-0.016910	-0.011974
	0.033919	-0.012662	0.002778	-0.004924	0.011108	0.016417
	-0.007122	-0.030698	0.039276	-0.022016	0.018414	0.026395
	-0.004716	-0.000348	-0.008602	-0.015021	0.003446	-0.001453
	-0.019491	0.010579	-0.001990	-0.045255	-0.004261	-0.005230
	-0.007166					
z345	0.011547	0.016131	0.000005	0.000964	-0.006679	0.007003
	-0.019247	-0.027067	0.009495	-0.039656	0.008115	-0.012533
	0.011929	-0.007925	-0.013636	0.004462	0.011565	-0.012196
	0.012630	0.009216	-0.014381	-0.012321	0.021199	0.003530
	0.004627	0.007010	-0.020890	0.034787	-0.009633	0.019642
	-0.002907					
x346	0.002193	-0.024118	-0.017123	-0.006255	0.027663	0.001084
	-0.009697	0.028471	-0.006755	0.038967	-0.022929	-0.002877
	-0.035697	0.034875	-0.006200	0.005105	-0.044250	0.001070
	-0.010497	0.009023	0.019182	0.055073	-0.023958	0.010650
	0.011896	0.012779	0.020969	-0.001708	0.031191	-0.025949
	-0.006602					
y346	-0.017383	0.000558	0.014020	0.002513	-0.016859	-0.017334
	0.032710	-0.002796	-0.013847	-0.013835	0.010270	0.014694
	-0.004455	-0.027872	0.020062	-0.025380	0.027474	0.007194
	-0.001194	-0.005127	-0.006799	-0.019388	0.015352	0.005359
	-0.020866	0.004413	0.008369	-0.016962	-0.009181	0.000599
	-0.008121					
z346	0.014580	0.020740	-0.020103	0.002360	-0.000143	0.015577
	-0.040955	-0.025963	0.032388	-0.017103	0.001081	-0.000164
	0.025826	-0.003065	0.009264	-0.016470	0.009614	-0.014622
	0.013186	0.016784	-0.024352	-0.000570	0.001126	0.015334
	-0.010616	0.007438	-0.034753	0.018362	-0.016225	0.007448
	-0.003370					
x347	0.000222	-0.019191	-0.007766	-0.008327	0.025643	0.000372
	-0.009862	0.023335	-0.007162	0.029765	-0.012243	-0.017369
	-0.021219	0.030760	-0.014203	0.023095	-0.043781	0.004963
	0.001050	-0.001623	0.030205	0.044695	-0.018203	0.004618
	0.029688	0.005058	0.033839	-0.000077	0.035202	-0.016090
	-0.001670					

y347	-0.005211	-0.002559	0.024338	-0.005687	-0.012244	-0.017477
	0.027908	-0.000024	-0.022989	-0.024106	0.018998	0.009559
	0.008989	-0.022855	0.006733	-0.008285	0.021513	-0.001699
	-0.001780	-0.010683	-0.005063	-0.024814	0.024152	-0.000233
	-0.017911	-0.005601	0.018461	-0.001459	-0.019161	0.009202
	-0.004294					
z347	0.008767	0.024868	-0.017731	0.002932	-0.005870	0.019251
	-0.047429	-0.031625	0.040902	-0.018448	0.007659	-0.008465
	0.031736	-0.011244	0.007464	-0.012771	0.007685	-0.015390
	0.021574	0.013068	-0.030910	-0.013339	0.004704	0.012957
	-0.006723	0.000973	-0.034282	0.012592	-0.011240	0.001865
	0.004336					
x348	-0.005837	-0.012833	-0.010396	-0.000491	0.021872	0.002813
	-0.008819	0.017997	0.007660	0.027438	-0.013561	-0.021639
	-0.017681	0.034513	-0.011155	0.023950	-0.033441	-0.004684
	0.019442	-0.004241	0.037599	0.041876	-0.017855	0.003142
	0.050487	0.010529	0.026318	-0.018428	0.048403	-0.009843
	0.003277					
y348	0.003157	0.002897	0.016366	-0.008515	-0.010587	-0.015192
	0.011956	-0.004482	-0.019509	-0.020923	0.020013	0.001735
	0.022820	-0.017579	0.003821	-0.003560	0.016017	0.002089
	-0.001267	-0.010761	-0.012194	-0.026127	0.027814	0.001639
	-0.014855	-0.005097	0.014269	-0.000142	-0.020012	0.005723
	0.000015					
z348	-0.001397	0.023660	-0.017436	0.010196	-0.007079	0.021515
	-0.038813	-0.031941	0.054989	-0.020583	0.001794	-0.006154
	0.025005	-0.006052	0.006779	-0.009420	0.017681	-0.034179
	0.033796	0.010266	-0.034246	-0.019839	0.007675	0.004161
	0.005377	0.003755	-0.045571	-0.014267	-0.007878	-0.000333
	0.013832					
x349	-0.033590	-0.002715	0.009222	0.003588	-0.018981	0.005521
	-0.023867	0.012903	0.008434	0.033297	-0.000971	-0.029613
	-0.041960	0.032637	-0.009171	-0.001574	-0.015557	0.016694
	0.006599	0.016638	0.030086	0.039025	-0.021399	0.001889
	0.037685	0.000937	0.025498	-0.000554	0.030562	0.008978
	-0.017733					
y349	-0.040961	0.011173	0.032372	0.008020	-0.052594	-0.005015
	0.000049	-0.009519	-0.005025	-0.007316	0.034147	0.001653
	-0.002311	-0.018763	0.000774	-0.027864	0.057739	0.010516
	-0.032181	0.023842	-0.022946	-0.049659	0.010018	-0.009162
	-0.032521	-0.005658	0.003902	-0.003643	-0.052047	0.051938
	-0.015970					

z349	-0.014327	0.028287	-0.001830	0.002238	-0.029574	0.014609
	-0.056348	-0.033826	0.045482	-0.015668	0.018167	-0.008770
	0.005261	-0.007852	-0.006008	-0.024554	0.017031	-0.000403
	0.011815	0.011970	-0.039039	-0.018342	0.005990	0.004031
	-0.019953	-0.019583	-0.030966	0.021847	-0.032147	-0.013267
	0.006017					
x350	-0.011803	0.012256	-0.012788	-0.009883	-0.008142	-0.017948
	0.016727	0.044108	-0.031029	-0.021585	0.035267	0.016174
	0.013312	0.013786	0.022763	0.020162	0.011347	0.001963
	0.024679	-0.011007	-0.004790	-0.065819	-0.037403	-0.021926
	-0.029493	0.010798	-0.043998	0.007204	0.014667	0.006540
	-0.044412					
y350	0.002356	0.016703	-0.031952	0.005399	0.032090	-0.006976
	0.014620	-0.004502	0.025298	-0.037594	-0.003455	0.014222
	-0.008974	-0.032296	-0.004247	0.014760	-0.004347	0.003799
	-0.023618	0.024747	0.032583	0.014993	-0.007885	0.036324
	0.005739	-0.034902	0.006401	0.014636	-0.017091	-0.005054
	-0.017676					
z350	-0.016841	0.018096	-0.039323	-0.045104	-0.005082	-0.034087
	0.022975	-0.004261	-0.021315	-0.012289	-0.017075	-0.055555
	0.003799	0.007144	0.003679	0.014603	0.027787	0.024219
	-0.021946	0.001506	-0.010371	0.007721	0.015865	-0.032020
	0.010346	-0.003035	-0.005114	0.002601	0.008007	0.010406
	-0.039194					
x351	-0.010311	-0.004043	0.018100	0.007346	-0.009876	0.004279
	0.010819	0.036747	-0.006962	0.000631	0.028679	0.030743
	0.003750	0.020347	0.021162	0.009587	-0.000374	-0.000642
	0.050898	-0.027808	-0.027477	-0.047257	-0.036021	-0.011776
	-0.008338	0.030960	-0.025740	-0.006121	0.015293	0.017970
	0.006922					
y351	0.009966	-0.001575	0.000122	0.018131	0.025391	0.005651
	-0.001356	-0.017136	0.036746	-0.006846	-0.014048	0.024908
	-0.019513	-0.022692	-0.010743	-0.012895	-0.017204	-0.004878
	-0.027895	0.017270	0.012667	0.031708	-0.005497	0.033745
	-0.015451	-0.028267	0.029466	0.016092	-0.022080	-0.002109
	0.034335					
z351	-0.005316	-0.001054	-0.018161	-0.030345	-0.016480	-0.016051
	0.007929	-0.019693	-0.020749	0.000204	-0.018964	-0.053617
	0.001977	0.009589	0.004063	-0.001080	0.009091	0.015510
	-0.020833	0.004138	0.000173	0.004391	0.031572	-0.010627
	0.015642	-0.007394	0.020000	-0.008713	0.009910	-0.008470
	-0.028603					

x352	-0.011488	-0.001875	0.014583	0.012792	-0.002403	0.012547
	0.013451	0.035395	-0.001153	-0.005487	0.025839	0.026865
	0.006380	0.018362	0.025571	0.015608	0.000632	-0.003239
	0.057997	-0.023083	-0.023745	-0.050582	-0.044068	-0.001191
	0.003295	0.035553	-0.030281	-0.007517	0.024450	0.017823
	0.013274					
y352	0.013096	0.005374	-0.010072	0.018389	0.029175	-0.001254
	-0.000768	-0.008358	0.033817	-0.013060	-0.012230	0.017399
	-0.010726	-0.021432	-0.014297	-0.012851	-0.014193	-0.007654
	-0.043070	0.025575	0.012672	0.029945	-0.007299	0.030524
	-0.030373	-0.032141	0.014581	0.016070	-0.023775	-0.002874
	0.012778					
z352	-0.002483	-0.013457	-0.000237	-0.020291	-0.019415	-0.003884
	0.005067	-0.022201	-0.006374	0.011751	-0.010975	-0.030046
	-0.012591	0.003964	0.000098	-0.002312	0.003673	0.017752
	-0.012210	-0.001266	-0.003100	0.009626	0.022252	0.003253
	0.010746	-0.009162	0.029148	0.000937	0.011465	-0.001379
	-0.012071					
x353	-0.011266	0.004343	0.007970	0.014469	0.001867	0.013171
	0.015533	0.035682	-0.006095	-0.011434	0.025241	0.013874
	0.015151	0.011942	0.024453	0.019716	0.004314	-0.006692
	0.064799	-0.022179	-0.024126	-0.055030	-0.038981	-0.000849
	0.017686	0.037068	-0.033154	-0.008875	0.022439	0.015633
	0.016501					
y353	0.015397	0.014730	-0.018668	0.016725	0.028484	-0.008854
	-0.000351	-0.002309	0.024669	-0.016974	-0.003779	0.010559
	-0.003534	-0.028110	-0.023133	-0.000926	-0.013939	-0.007371
	-0.040932	0.021185	0.004331	0.035419	0.008936	0.018465
	-0.026173	-0.033993	0.002853	0.015775	-0.033568	-0.006414
	-0.003058					
z353	0.002380	-0.017120	-0.001032	-0.016300	-0.015208	-0.007777
	0.011318	-0.025010	-0.014226	0.005937	-0.010918	-0.045551
	-0.003234	-0.005412	-0.002909	-0.016551	0.004541	0.008697
	-0.017321	0.006694	-0.000263	-0.009954	0.019222	0.008086
	0.006447	-0.017355	0.038627	0.002042	0.011895	0.004629
	0.001197					
x354	-0.012424	0.011092	0.005860	0.014284	0.006928	0.011895
	0.017748	0.038048	-0.009809	-0.016412	0.023640	0.006223
	0.023833	0.001419	0.023291	0.025141	0.009456	-0.007960
	0.075069	-0.031586	-0.022375	-0.051775	-0.027113	-0.000960
	0.026472	0.034869	-0.029965	-0.005806	0.012720	0.012455
	0.015291					

y354	0.016940	0.021768	-0.027371	0.011250	0.032003	-0.018249
	0.008265	-0.003730	0.006858	-0.026532	-0.001709	-0.012710
	0.004830	-0.040982	-0.028883	0.008671	-0.009831	-0.014887
	-0.036038	0.005397	0.012164	0.019391	0.026069	0.012381
	-0.028894	-0.046450	0.007024	0.028706	-0.041879	-0.006985
	-0.008642					
z354	0.004068	-0.017040	0.006952	-0.010419	-0.011097	-0.011774
	0.006714	-0.020363	-0.009572	0.011149	-0.004698	-0.030679
	-0.004411	-0.011395	-0.015301	-0.020750	0.006349	0.011903
	-0.019369	0.014539	-0.015581	0.012067	0.020229	0.006111
	0.001377	-0.011693	0.028197	-0.003728	-0.002266	0.006857
	-0.004071					
x355	-0.014870	0.020934	0.006150	0.013599	0.013735	0.011821
	0.014781	0.042393	0.000696	-0.012620	0.025253	0.016079
	0.026334	-0.004298	0.027179	0.038912	0.008959	-0.004311
	0.081151	-0.045601	-0.016242	-0.027024	-0.014664	-0.001168
	0.029521	0.031038	-0.036654	-0.002894	0.006373	0.005352
	0.018300					
y355	0.016029	0.030139	-0.023208	0.002810	0.030495	-0.022229
	0.012151	-0.000750	0.005585	-0.023380	-0.002514	-0.004856
	-0.005931	-0.047347	-0.034557	0.019863	-0.015675	-0.010846
	-0.026718	-0.002951	0.009449	0.037685	0.038143	0.011017
	-0.016323	-0.036941	-0.006823	0.034124	-0.030674	-0.006513
	0.004939					
z355	0.005948	-0.012362	0.003695	-0.002015	0.006625	-0.015435
	-0.001580	-0.018832	0.000155	0.012893	0.006414	-0.014753
	-0.004383	-0.016170	-0.018608	-0.016597	0.011109	-0.000041
	-0.034348	0.019558	-0.011484	0.031648	0.015351	0.004201
	-0.022256	-0.022000	0.005430	0.000180	-0.022712	0.005066
	-0.011770					
x356	-0.017519	0.033088	0.001009	0.004359	0.014950	0.012390
	0.015115	0.038555	0.007485	-0.014476	0.021586	0.015986
	0.028237	-0.000303	0.034133	0.044254	0.004257	-0.002985
	0.068760	-0.048816	-0.001133	-0.026093	-0.005283	-0.001493
	0.029115	0.017163	-0.030882	-0.000197	0.004473	-0.010279
	0.018510					
y356	0.012620	0.032284	-0.016275	-0.011167	0.016630	-0.016391
	0.018056	-0.005551	0.005676	-0.018518	-0.020591	0.005342
	-0.022978	-0.031748	-0.030796	0.006894	-0.022991	-0.002179
	-0.023464	0.006987	0.008358	0.039014	0.040131	0.020846
	-0.001826	-0.007895	-0.004180	0.025335	-0.003507	-0.006808
	0.012739					

z356	0.005537	0.004077	-0.003421	-0.006536	0.024911	-0.020003
	-0.001749	-0.013191	0.003750	-0.004354	0.016950	-0.006280
	0.001603	-0.015478	-0.023623	-0.006414	0.015627	-0.016212
	-0.050783	0.020750	0.006570	0.027097	0.023897	-0.009653
	-0.029079	-0.046747	-0.010113	0.004565	-0.040337	0.000881
	-0.002369					
x357	-0.020225	0.039507	-0.001355	-0.005161	0.004937	0.015774
	0.020940	0.029099	0.016280	-0.007100	0.011117	0.015926
	0.020042	0.010927	0.034868	0.047771	-0.000498	0.008925
	0.070389	-0.045901	-0.003324	-0.021335	0.001598	0.008836
	0.019747	0.016811	-0.024994	0.004136	0.010429	-0.013155
	0.012206					
y357	0.009075	0.023215	-0.006895	-0.018149	0.000862	-0.006031
	0.026772	-0.019790	0.012759	-0.012274	-0.031160	0.000675
	-0.036151	-0.006131	-0.022479	-0.001160	-0.026571	0.005254
	-0.016929	0.027584	0.002451	0.030758	0.026779	0.022500
	-0.016131	0.008906	-0.015573	0.022623	0.019316	0.010577
	0.023494					
z357	0.004133	0.025401	-0.015101	-0.020942	0.025595	-0.020287
	0.012442	-0.015270	0.000946	-0.019733	-0.000079	-0.001480
	-0.004273	-0.011012	-0.026687	-0.009207	0.008566	-0.012193
	-0.042007	0.020402	0.016756	0.019799	0.040161	-0.003780
	-0.019728	-0.040261	-0.016538	-0.001132	-0.024049	-0.001445
	0.010962					
x358	-0.019979	0.035041	-0.008320	-0.010305	-0.002875	0.019400
	0.026973	0.016144	0.014447	0.000858	0.003840	-0.002344
	0.027775	0.015200	0.041317	0.041919	0.005855	0.011140
	0.056835	-0.028869	-0.000974	-0.035687	-0.004168	0.021451
	0.001746	0.006982	-0.009686	0.015562	0.001330	-0.016618
	-0.001511					
y358	0.008388	0.009107	-0.004213	-0.011288	0.000190	-0.002990
	0.023750	-0.022039	0.008358	-0.010955	-0.027320	-0.022194
	-0.017044	-0.007239	-0.012100	-0.003809	-0.017790	0.005386
	-0.023231	0.053085	0.004483	0.012614	0.003780	0.007483
	-0.018852	-0.009139	-0.028908	0.021267	-0.002216	0.008666
	0.016147					
z358	0.000958	0.037088	-0.018653	-0.033373	0.009972	-0.011711
	0.032482	-0.030933	0.002655	-0.026281	-0.032373	-0.011634
	-0.013852	0.006704	-0.019529	-0.023467	-0.007778	-0.008273
	-0.023496	0.038249	0.022521	-0.005999	0.038125	0.010701
	-0.030311	-0.020762	-0.026747	0.010531	0.007914	0.010381
	0.028188					

x359	-0.013662	0.033940	-0.028370	-0.013857	0.009043	0.023270
	0.011385	0.031845	0.015061	0.012188	0.010340	0.013847
	0.051617	0.005684	0.055637	0.047250	0.004991	0.012110
	0.027581	-0.031790	0.017318	-0.012518	-0.004839	0.014744
	-0.016737	-0.003859	0.025243	0.012240	-0.022059	-0.019563
	-0.015121					
y359	0.025286	0.023166	-0.045254	0.010549	0.034056	-0.022155
	-0.006013	0.012170	0.014407	-0.018581	-0.013150	0.014946
	0.015041	-0.036854	-0.006753	0.008120	-0.023915	-0.006022
	-0.036091	0.019138	0.032793	0.034380	-0.013082	-0.044436
	-0.011281	-0.058144	-0.004704	0.024241	-0.023590	0.050332
	0.037826					
z359	-0.010006	0.035622	0.004814	-0.049465	-0.011127	0.000022
	0.036239	-0.045731	0.011619	-0.022136	-0.043108	-0.016926
	-0.011192	0.021769	-0.028773	-0.015084	-0.019277	0.000223
	0.002815	0.053359	0.007011	0.002525	0.028700	0.004414
	-0.030997	0.016005	-0.030989	-0.000252	0.011121	-0.009368
	0.030282					
x360	0.009740	-0.020479	-0.020866	-0.021229	0.003731	-0.062335
	-0.013604	0.048226	-0.006992	-0.013679	0.003887	0.001914
	-0.013575	-0.006225	0.010329	-0.000322	0.026932	0.004851
	-0.026831	-0.023358	-0.010205	-0.031918	-0.020845	0.029770
	0.006107	-0.002526	-0.033246	-0.009682	0.014431	-0.000809
	0.018442					
y360	-0.015887	0.023512	0.026183	0.017636	0.010267	-0.012120
	0.003239	-0.023198	0.045274	0.018132	-0.047836	0.013954
	0.020924	0.001462	0.001130	0.012225	-0.018262	0.004580
	0.009435	-0.004235	0.053344	-0.002166	0.003995	0.006692
	-0.015408	0.008780	0.034880	-0.015739	-0.026003	-0.021019
	-0.013925					
z360	0.007319	-0.030551	-0.032841	-0.015013	-0.033623	-0.026272
	-0.003946	-0.013888	-0.052995	-0.022539	0.020305	0.002342
	0.002913	0.014585	0.028811	0.016088	0.024050	-0.041049
	-0.001230	-0.005707	-0.015637	-0.007868	0.010143	0.005143
	0.006738	-0.004103	-0.011966	-0.012076	0.000790	0.015032
	0.008686					
x361	-0.004645	0.007233	0.007919	0.006880	0.006621	-0.024059
	0.008660	-0.001323	0.030875	0.008613	-0.022166	0.006595
	0.004261	0.003654	0.006658	-0.010547	0.007600	0.019398
	-0.008426	-0.005185	0.019840	0.013648	-0.012645	0.002173
	-0.022612	0.003473	0.014999	-0.009154	-0.013558	-0.005219
	-0.002980					

y361	-0.010868	0.017537	0.016617	0.011805	0.008276	-0.021481
	-0.002498	-0.002783	0.041449	0.013063	-0.038108	0.001597
	0.002656	0.002828	0.005551	0.008971	-0.022017	-0.001361
	-0.001178	-0.011004	0.032450	-0.014519	0.004835	0.002023
	0.007645	0.009139	0.008368	-0.026210	-0.004547	-0.024288
	-0.005642					
z361	-0.000542	-0.020717	-0.008509	0.000946	-0.021594	0.006440
	0.010661	-0.007949	-0.041196	0.008295	0.028028	0.002200
	-0.007186	0.000828	0.005983	0.033471	0.010479	-0.016227
	0.008932	-0.007586	-0.026121	-0.010859	-0.011218	-0.022463
	0.020518	-0.012034	-0.002853	-0.017831	0.015936	-0.003253
	0.018171					
x362	-0.005655	0.011740	0.004874	0.004373	0.017892	-0.013976
	0.004891	0.006892	0.039361	0.010661	-0.023913	-0.008633
	0.002157	0.005404	-0.001743	-0.010166	-0.001438	0.014196
	-0.014837	0.003692	0.013375	0.004082	-0.013938	0.006892
	-0.031862	0.001056	0.011240	-0.015504	-0.018261	0.001733
	-0.005549					
y362	-0.008741	0.016865	0.017906	0.015460	0.001059	-0.025216
	-0.001030	-0.008574	0.044132	0.015363	-0.040912	0.003062
	0.004232	0.007070	0.016301	0.001520	-0.021397	0.000936
	0.001367	-0.012663	0.034806	0.004874	0.008049	-0.000687
	0.010790	0.014356	0.013669	-0.025178	0.001720	-0.027481
	-0.011808					
z362	0.002412	-0.022160	-0.000655	0.005778	-0.030694	0.004884
	0.012024	-0.025304	-0.035020	0.014956	0.023542	0.002035
	-0.001820	0.001073	0.013493	0.024755	0.004955	-0.016247
	0.025899	-0.003939	-0.015096	0.004570	-0.009801	0.000606
	0.025830	-0.005415	0.000915	0.002820	0.020049	-0.005041
	0.013727					
x363	-0.003378	0.012822	-0.001216	-0.000756	0.021174	-0.014747
	-0.003446	0.018002	0.040739	0.003184	-0.021091	-0.011129
	0.004271	0.004449	-0.005212	-0.004490	-0.004194	0.019064
	-0.014380	0.005323	0.010890	0.004338	-0.011770	0.002694
	-0.035481	-0.000857	0.006569	-0.019373	-0.021204	0.007620
	-0.010192					
y363	-0.010549	0.017660	0.020506	0.019283	0.002193	-0.020774
	0.001274	-0.010313	0.049286	0.021087	-0.043381	-0.002505
	0.004164	0.011179	0.016849	-0.005102	-0.022023	0.000432
	-0.004566	-0.008496	0.030323	0.010941	0.000595	-0.001900
	0.005406	0.015863	0.014320	-0.029031	0.004615	-0.028224
	-0.016970					

z363	0.001451	-0.023099	0.004387	0.007623	-0.027771	0.004100
	0.010858	-0.029728	-0.022369	0.018943	0.019927	-0.007281
	0.005675	0.002387	0.004816	0.016186	0.001683	-0.013241
	0.022945	0.002855	-0.019206	0.004245	-0.015864	0.014291
	0.018328	-0.002116	-0.006834	0.008678	0.011892	0.002896
	0.000425					
x364	-0.002377	0.018427	-0.004284	-0.006384	0.028114	-0.014301
	-0.008590	0.029823	0.033344	-0.003821	-0.020054	-0.000706
	0.001386	-0.006397	-0.004390	-0.005423	0.000533	0.025885
	-0.006420	-0.000105	0.022790	0.011209	-0.007715	-0.005321
	-0.028032	0.000748	0.005780	-0.022320	-0.026025	0.004363
	-0.004357					
y364	-0.011326	0.016292	0.019253	0.022313	0.002958	-0.016617
	0.000529	-0.013842	0.053711	0.024877	-0.043170	-0.012442
	0.006828	0.014610	0.013343	-0.006153	-0.022103	0.002163
	-0.011073	-0.001778	0.019710	0.011753	-0.006595	-0.000984
	-0.002197	0.015008	0.013179	-0.034758	0.010223	-0.022938
	-0.024745					
z364	0.001774	-0.022534	0.001861	0.006826	-0.019260	0.003606
	0.007730	-0.028979	-0.014159	0.017442	0.018373	-0.022513
	0.008251	-0.001510	-0.005378	0.009271	0.007159	-0.003217
	0.021046	0.005869	-0.020714	0.001726	-0.018606	0.017527
	0.011267	-0.000398	-0.010021	0.007859	0.008481	0.011883
	-0.006101					
x365	-0.001529	0.026627	-0.008709	-0.011698	0.027744	-0.014161
	-0.011123	0.040639	0.017045	-0.013783	-0.027398	0.021715
	0.000361	-0.013807	0.000996	-0.001227	-0.003160	0.028483
	0.005006	-0.011615	0.028396	0.021200	0.011209	-0.005734
	-0.015203	0.009782	0.010052	-0.026843	-0.022002	-0.001683
	-0.000144					
y365	-0.011755	0.016002	0.016026	0.024909	0.007878	-0.012924
	-0.002456	-0.014885	0.056388	0.025952	-0.038566	-0.021885
	0.008604	0.012844	0.007189	-0.008961	-0.017095	0.006373
	-0.017154	0.002532	0.016041	0.012070	-0.013732	-0.003915
	-0.007571	0.013589	0.012104	-0.037418	0.013765	-0.015830
	-0.028298					
z365	0.004039	-0.014838	-0.009519	0.004496	-0.007373	0.002919
	0.003189	-0.016184	-0.015432	0.006349	0.017728	-0.027073
	0.007536	-0.012912	-0.012163	-0.000283	0.012040	0.008721
	0.028302	-0.003400	-0.012693	0.008335	-0.005958	0.015167
	0.015128	0.006964	-0.008708	0.006937	0.008042	0.014633
	-0.005382					

x366	0.000947	0.030032	-0.017108	-0.018240	0.019522	-0.020562
	-0.008498	0.036624	-0.001637	-0.017779	-0.038540	0.027390
	0.009661	-0.022083	0.013227	0.000886	-0.011560	0.021470
	0.009686	-0.006400	0.024177	0.016142	0.019581	-0.005830
	-0.003128	0.012876	0.014902	-0.028705	-0.023146	-0.010185
	0.002312					
y366	-0.013770	0.019967	0.015580	0.026208	0.015625	-0.005501
	-0.010851	-0.010016	0.055523	0.020422	-0.029384	-0.015184
	0.003602	0.015756	0.000183	-0.010919	-0.007865	0.006819
	-0.029510	-0.000431	0.023174	0.013406	-0.015628	-0.008813
	-0.013321	0.009622	0.012023	-0.039605	0.015732	-0.010762
	-0.029562					
z366	0.003511	-0.000356	-0.015204	-0.004830	0.000773	0.005599
	-0.000277	-0.006050	-0.021815	-0.012897	0.013213	-0.011233
	-0.000533	-0.009786	-0.002939	-0.009654	0.014914	-0.006981
	0.005937	-0.006528	0.006072	-0.008458	0.004081	0.003621
	0.013274	-0.004547	-0.006712	0.001762	-0.003437	-0.002450
	0.003352					
x367	0.002086	0.025307	-0.017989	-0.017459	0.002824	-0.026157
	-0.004566	0.015943	-0.004136	-0.010201	-0.040257	0.014316
	0.016898	-0.017429	0.021699	0.000818	-0.016050	0.011739
	0.013566	0.012982	0.024335	0.008808	0.008027	0.007273
	-0.006565	0.007596	0.012037	-0.020432	-0.022905	-0.002586
	0.005010					
y367	-0.014575	0.025285	0.014518	0.023724	0.020953	-0.001339
	-0.021991	0.000362	0.047355	0.013273	-0.022651	0.002598
	-0.001473	0.016005	-0.004691	-0.010161	-0.001871	0.008582
	-0.035277	-0.007371	0.023787	0.018544	-0.006246	-0.012583
	-0.010016	0.010533	0.014255	-0.040973	0.014772	-0.009900
	-0.032337					
z367	0.004640	0.008574	-0.013062	-0.017058	-0.006297	-0.000163
	-0.002772	0.001945	-0.027085	-0.022794	0.003903	0.010373
	-0.008012	-0.002966	0.009747	-0.012779	0.008880	-0.018135
	0.000506	-0.002777	0.009250	-0.016403	0.018107	0.003196
	0.014023	-0.010007	-0.004739	0.005844	-0.011838	-0.014436
	0.010217					
x368	0.000883	0.019232	-0.011300	-0.010003	-0.006870	-0.023444
	0.001508	-0.003396	0.008444	0.006927	-0.029759	-0.008573
	0.018722	-0.012601	0.015032	0.005110	-0.015015	0.010546
	0.010408	0.035797	0.018268	0.003787	-0.020514	0.006668
	-0.013894	0.000914	0.004031	-0.015338	-0.023579	0.005291
	0.005102					

y368	-0.012750	0.024745	0.009509	0.019377	0.017015	-0.005094
	-0.030402	0.002732	0.037310	0.009049	-0.019383	0.008022
	0.004197	0.009569	-0.004224	-0.006126	-0.000523	0.007944
	-0.029516	-0.005575	0.019120	0.021785	-0.000521	-0.007815
	-0.004862	0.012450	0.015964	-0.038660	0.009476	-0.003402
	-0.034888					
z368	0.009193	0.003147	-0.012032	-0.024216	-0.022182	-0.012639
	0.002404	-0.004145	-0.017938	-0.007902	-0.000440	-0.008036
	0.004534	-0.007809	0.013445	-0.000841	-0.001969	-0.006641
	0.023448	0.023911	-0.001052	-0.009070	0.002182	0.006112
	0.007452	-0.003208	-0.013087	0.007066	-0.026279	-0.007099
	0.016769					
x369	-0.001527	0.025876	-0.032653	-0.026559	0.030325	-0.012007
	-0.018362	0.047111	-0.013788	0.000455	-0.020278	0.014551
	0.019536	-0.011123	0.015918	0.020410	0.007982	0.015046
	0.007533	-0.009608	0.049509	0.010792	-0.001536	-0.007844
	-0.008086	0.019375	0.022035	-0.013277	-0.009361	-0.025842
	0.015287					
y369	-0.010450	0.018487	0.021044	0.023444	-0.005863	-0.012109
	-0.023462	-0.026950	0.026370	0.011481	-0.021137	0.001941
	0.019586	0.000839	-0.009649	0.002038	-0.007257	0.007839
	-0.023698	0.021216	0.005815	0.021316	-0.011093	0.013711
	-0.013670	-0.001038	0.014890	-0.038455	0.010847	0.026555
	-0.045307					
z369	0.002352	0.015571	0.014563	-0.014985	-0.052390	-0.002813
	0.022955	-0.044792	-0.014561	-0.012257	-0.012952	0.006358
	0.003862	0.015055	0.011979	0.001212	-0.031288	-0.030906
	0.011128	0.040337	-0.002982	-0.013461	0.010039	0.010496
	-0.015125	-0.009348	-0.018068	0.005916	-0.015659	0.008815
	0.011306					
x370	-0.018413	-0.013022	0.002118	-0.002847	-0.054055	-0.058054
	-0.012596	-0.003492	0.026869	-0.034494	-0.011046	0.002258
	-0.015132	0.016957	-0.023651	-0.023614	-0.002551	-0.049617
	-0.006593	0.003546	-0.007365	-0.017033	0.005965	0.004946
	0.038323	0.009168	-0.004165	-0.011465	0.005960	-0.001411
	0.050523					
y370	-0.019701	0.010314	0.014485	0.013833	-0.023298	0.021356
	0.006821	-0.007961	0.006571	0.026982	-0.012066	0.023963
	0.028340	0.001169	-0.027105	0.011714	-0.010633	0.002821
	-0.011587	-0.039290	0.038642	0.021937	0.015650	0.016930
	0.023483	-0.007693	0.009725	-0.028697	0.025711	-0.005361
	-0.036789					

z370	0.001627	-0.012977	-0.053061	-0.034132	0.003727	0.021380
	-0.004972	-0.016048	-0.040487	-0.016036	0.035344	0.000467
	-0.015056	0.031995	0.057788	0.014148	0.031966	-0.024435
	-0.018421	0.028569	0.024591	-0.045586	0.005615	0.001003
	-0.028419	-0.041229	0.014708	0.019305	-0.011728	0.024810
	0.015830					
x371	-0.021571	-0.012136	0.010487	-0.004329	-0.052438	-0.042563
	-0.020629	-0.007812	0.033792	-0.027151	-0.017795	0.019927
	-0.014176	0.014664	-0.016680	-0.034891	0.003981	-0.051857
	-0.005091	0.006832	0.003640	0.005845	-0.004363	0.005472
	0.027997	0.025953	0.005150	-0.021405	-0.006810	-0.005284
	0.036523					
y371	-0.006344	0.000343	-0.001580	-0.005354	-0.019009	0.021816
	-0.010450	-0.004151	-0.001539	0.015389	0.008740	0.024249
	-0.003798	0.023315	0.004164	0.005089	0.007198	0.003338
	-0.004495	0.009502	0.015411	-0.003915	0.008008	0.003679
	0.002362	-0.025451	-0.011186	-0.002313	0.009575	-0.013443
	-0.012455					
z371	-0.010058	0.000354	-0.016294	-0.004424	-0.013083	0.022593
	-0.002111	-0.014212	-0.024502	0.019399	0.017623	0.018695
	0.006886	0.006774	0.012925	0.008868	0.003453	0.011738
	-0.001027	-0.008982	0.008537	0.018640	0.015953	0.002753
	0.011972	-0.009110	0.013671	-0.004480	0.011632	0.008053
	-0.016351					
x372	-0.023689	-0.011268	0.014165	-0.005584	-0.048222	-0.040556
	-0.024339	-0.012032	0.042072	-0.024007	-0.017986	0.031944
	-0.013029	0.017700	-0.011932	-0.027638	0.001557	-0.062102
	0.002818	0.005048	0.012899	0.003798	-0.007774	0.002578
	0.020884	0.032767	0.018523	-0.017184	-0.015050	-0.005544
	0.038245					
y372	-0.010304	0.002825	0.003109	-0.002069	-0.021067	0.016565
	-0.013753	-0.009934	0.000264	0.028917	0.005946	0.035635
	0.000559	0.017692	0.001311	0.003998	0.001893	0.015953
	0.008777	0.005136	0.008563	0.004380	0.008695	0.002552
	0.006074	-0.022892	-0.013646	-0.002476	0.015869	-0.024627
	-0.011797					
z372	-0.006950	0.003361	-0.011125	0.001628	-0.008264	0.015736
	-0.000342	-0.016780	-0.019796	0.025583	0.014790	0.015360
	0.011215	-0.002868	0.004144	0.018895	0.002560	0.013145
	0.008077	-0.013822	0.002894	0.015364	0.021384	0.005401
	0.010928	-0.007857	0.001693	-0.000688	0.017137	0.001001
	-0.023349					

x373	-0.023196	-0.010668	0.015689	-0.005422	-0.043191	-0.034724
	-0.023029	-0.013660	0.043860	-0.023347	-0.023453	0.036319
	-0.005001	0.016399	-0.008000	-0.025607	0.004120	-0.074253
	0.012372	0.013513	0.023289	0.002539	-0.016390	-0.000553
	0.012583	0.040051	0.029137	-0.012079	-0.026396	-0.002247
	0.036625					
y373	-0.011451	0.005428	0.004111	0.003680	-0.021089	0.013252
	-0.010921	-0.017746	-0.003376	0.029381	-0.000001	0.035662
	0.017735	0.003199	-0.001351	0.011800	0.004118	0.010936
	0.010725	0.015117	0.014024	-0.001921	0.005952	0.002753
	0.005156	-0.024697	-0.001110	0.003935	0.018494	-0.034782
	-0.011539					
z373	-0.001063	0.004900	-0.004883	0.009977	-0.004223	0.014403
	0.004424	-0.009581	-0.020763	0.031432	0.005684	0.009271
	0.016444	-0.011148	-0.007275	0.016812	0.004342	0.019540
	0.023955	-0.011836	-0.008717	0.015161	0.019447	0.005336
	0.004614	-0.002362	-0.022598	0.005409	0.016152	0.004833
	-0.034667					
x374	-0.021046	-0.012873	0.014595	-0.005966	-0.035963	-0.028496
	-0.020318	-0.013397	0.042811	-0.022589	-0.024169	0.031629
	-0.003762	0.018099	-0.004230	-0.022219	0.007177	-0.074591
	0.018326	0.017899	0.027343	0.004243	-0.024017	-0.000075
	0.005777	0.044861	0.031070	-0.012251	-0.035004	0.006357
	0.032979					
y374	-0.008087	0.006355	0.008867	0.012464	-0.019674	0.010591
	-0.004449	-0.030529	-0.012255	0.027195	-0.000966	0.035470
	0.026300	-0.006322	-0.010772	0.033157	0.000836	0.005982
	0.000657	0.017693	0.009730	-0.014968	0.011439	0.002467
	-0.003026	-0.020957	-0.004772	0.000866	0.011850	-0.031248
	-0.019862					
z374	0.005321	0.002788	-0.002937	0.014548	0.002257	0.013353
	0.004941	0.001024	-0.020317	0.035641	0.003186	-0.005208
	0.013196	-0.015777	-0.015544	0.008681	0.007638	0.035701
	0.041235	-0.010616	-0.017391	0.022328	0.009605	0.009054
	-0.001386	0.002588	-0.048573	0.009356	0.015725	0.011593
	-0.034620					
x375	-0.017395	-0.015931	0.011081	-0.009969	-0.026226	-0.021554
	-0.017195	-0.013037	0.044534	-0.029332	-0.014031	0.012878
	-0.009367	0.023593	0.008251	-0.028413	0.011493	-0.066921
	0.014517	0.026716	0.041108	0.004514	-0.036435	-0.002032
	0.001520	0.039258	0.041531	-0.009391	-0.035720	0.008613
	0.032677					

y375	-0.003276	0.002177	0.006515	0.024042	-0.012193	0.003546
	0.003326	-0.037078	-0.013431	0.028316	0.002406	0.008552
	0.034700	-0.010455	-0.015425	0.041072	-0.000456	0.001500
	-0.009545	0.009724	0.018959	-0.028732	0.007273	0.006073
	-0.019711	-0.023628	-0.014742	-0.003350	0.014949	-0.022936
	-0.026212					
z375	0.013584	0.002273	-0.001596	0.009857	0.006188	0.024756
	0.005696	0.003958	-0.017875	0.018916	0.015184	-0.022337
	0.003569	-0.018905	-0.004470	-0.013129	0.013368	0.051811
	0.055190	0.021375	-0.018131	0.030080	-0.007173	-0.001391
	0.005694	0.009297	-0.039708	0.020788	0.013548	0.008308
	-0.020993					
x376	-0.016394	-0.017006	0.006397	-0.017951	-0.016449	-0.022113
	-0.018262	-0.002758	0.043144	-0.029120	-0.003023	0.007576
	-0.018617	0.034770	0.010311	-0.029026	0.008953	-0.050572
	-0.001981	0.009876	0.048451	0.005326	-0.037047	0.005575
	0.003221	0.019628	0.042707	-0.016648	-0.032926	0.002309
	0.032176					
y376	-0.001559	-0.008039	0.006613	0.032684	-0.007079	-0.012805
	0.005413	-0.026892	0.002440	0.045021	0.012800	-0.021097
	0.030690	-0.007459	-0.031368	0.042897	0.000702	0.018187
	-0.011349	0.000294	0.014833	-0.022819	-0.004068	0.018762
	-0.027768	-0.036294	-0.027019	-0.007551	0.019824	-0.015803
	-0.020731					
z376	0.018009	0.003302	-0.006909	-0.009633	0.009560	0.023978
	0.003912	0.010560	-0.027558	0.008835	0.017351	-0.018418
	-0.005612	-0.021557	0.007397	-0.010883	0.003268	0.054521
	0.031765	0.021243	-0.025228	0.017804	-0.010193	0.000479
	0.009491	-0.007522	-0.041118	0.009542	0.002907	-0.010615
	-0.012047					
x377	-0.017748	-0.009505	0.001595	-0.024662	-0.009543	-0.012114
	-0.021388	0.007532	0.028324	-0.033650	-0.002322	0.020132
	-0.016730	0.045732	0.013327	-0.030777	0.011642	-0.046024
	-0.009661	-0.008582	0.054524	0.010202	-0.027806	0.004781
	0.007522	0.019606	0.045837	-0.021793	-0.028734	-0.004559
	0.025658					
y377	0.005008	-0.009691	0.007289	0.030108	-0.002889	-0.013252
	0.010695	-0.022288	0.008463	0.025143	0.017537	-0.035218
	0.017844	-0.001571	-0.019590	0.032736	0.002243	0.009201
	-0.011723	0.018426	-0.013569	-0.019033	-0.000658	0.017302
	-0.024546	-0.035828	-0.013141	-0.001186	0.006013	-0.020954
	-0.009533					

z377	0.013678	0.008930	-0.011240	-0.027839	0.008562	0.013691
	-0.003548	0.018043	-0.041997	0.019625	0.004747	0.006793
	-0.010016	-0.025796	0.004847	0.011419	-0.012121	0.048939
	-0.006547	-0.013496	-0.030620	0.018165	0.006156	0.007878
	0.010456	-0.014911	-0.058679	-0.022448	0.002120	-0.018861
	-0.014031					
x378	-0.018478	0.000406	0.000055	-0.025679	-0.008972	0.004158
	-0.024705	0.015538	0.017171	-0.032913	-0.006828	0.030829
	-0.007389	0.048259	0.011980	-0.034665	0.018373	-0.036486
	0.010855	-0.008477	0.065433	0.020060	-0.022146	-0.006558
	0.021323	0.037484	0.046251	-0.014460	-0.018277	0.000608
	0.016741					
y378	0.004780	-0.001396	0.008352	0.020914	-0.004579	-0.004056
	0.004827	-0.015921	0.007316	0.005201	0.018235	-0.026116
	0.001768	-0.001656	-0.005622	0.008094	-0.001401	0.000738
	-0.016948	0.018199	-0.030518	-0.012541	0.014064	0.013811
	-0.011455	-0.039205	0.002124	0.003909	0.003826	-0.022685
	-0.008356					
z378	0.014852	0.015872	-0.007139	-0.029775	0.000583	0.031011
	-0.004981	0.025743	-0.050177	0.015976	-0.009114	0.020703
	0.000867	-0.032425	0.008911	0.008537	0.002002	0.038096
	0.021994	0.020435	-0.024438	0.027321	0.007018	-0.016238
	0.014419	0.026632	-0.054383	-0.020083	-0.005270	0.001607
	-0.010129					
x379	-0.030400	0.014812	0.000632	-0.019615	-0.030620	0.004898
	-0.034457	-0.000647	0.020378	-0.008625	-0.024032	0.060309
	0.020233	0.044451	-0.000098	-0.013983	-0.005165	-0.016156
	0.010227	-0.022479	0.068653	0.013590	-0.017260	-0.008859
	0.026858	0.022040	0.041455	-0.000508	0.002854	-0.004204
	0.007506					
y379	-0.015892	0.015655	0.021763	0.036768	-0.045206	-0.009589
	-0.022878	-0.039544	0.028574	0.032143	-0.009878	0.049967
	0.035794	-0.000489	-0.025003	0.019620	-0.004507	-0.001343
	-0.029449	-0.005993	-0.030915	-0.002290	0.030995	0.002940
	0.008803	-0.048491	-0.013249	-0.009527	0.029452	0.020113
	-0.008665					
z379	0.007555	0.023941	-0.010667	-0.035373	-0.012816	0.038297
	-0.007186	0.005802	-0.045134	0.010642	-0.009679	0.014535
	0.007784	-0.036023	0.006862	-0.011534	-0.010058	0.013279
	-0.001294	0.034793	-0.015316	-0.012785	-0.004721	-0.009325
	0.001121	0.008451	-0.026024	-0.008788	0.006824	-0.011848
	-0.000865					

x380	0.015880	-0.015258	-0.058829	0.042438	0.009412	0.022709
	0.035488	-0.017906	0.034165	0.050170	0.003322	0.063778
	0.067543	-0.005764	0.061052	-0.069593	-0.006241	0.094699
	-0.092070	0.066539	0.025081	-0.111854	-0.042123	0.055279
	-0.021181	-0.067089	-0.046111	0.002952	-0.035471	0.033757
	0.001044					
y380	-0.016174	0.009574	0.024996	0.102647	0.016424	0.032033
	0.031155	0.063404	-0.078320	0.039135	-0.073213	0.010697
	0.001558	-0.001990	-0.003060	-0.007296	-0.040100	0.085024
	-0.033797	0.087055	0.012139	-0.071090	0.000343	0.001019
	0.153451	-0.088107	-0.048957	0.084918	-0.010320	0.030536
	0.034005					
z380	0.023303	0.036600	-0.011964	0.024169	-0.010059	-0.064294
	0.014517	0.025203	-0.077155	-0.077821	-0.001403	-0.029091
	0.106472	0.040783	0.032999	0.039337	-0.020295	-0.012480
	-0.071676	0.024934	0.026537	0.167905	-0.047192	-0.095785
	0.128150	-0.070498	0.050069	-0.014787	0.035697	0.133744
	0.034212					
x381	0.013335	0.014400	-0.004540	0.029514	-0.029147	-0.013488
	0.001563	0.040058	-0.034048	0.014671	-0.008261	0.007875
	0.017124	0.018979	0.011870	-0.027948	0.019703	0.064741
	-0.025312	0.027564	0.005439	0.002865	-0.006167	0.014174
	0.020978	-0.093031	-0.011792	0.038061	0.005259	-0.019997
	0.009538					
y381	-0.036331	0.023490	0.021350	0.029667	0.118334	0.127153
	-0.037313	0.074798	-0.029871	0.062828	-0.008278	-0.107989
	-0.109305	-0.049994	-0.052055	0.059798	-0.297967	-0.153928
	0.060358	0.093071	-0.044092	-0.110298	0.039798	0.121469
	0.090855	0.039500	-0.025085	-0.010597	-0.026947	-0.009384
	-0.039007					
z381	0.008074	0.039600	-0.019099	-0.022441	-0.005163	-0.013972
	-0.029405	-0.000516	-0.012204	-0.015880	0.058070	-0.080809
	0.064811	-0.050740	0.037814	0.004042	-0.105009	-0.112096
	0.021475	-0.036626	-0.005782	0.158319	-0.037091	-0.048520
	0.037551	0.008763	0.025327	-0.017944	0.050372	0.034372
	-0.045036					
x382	0.011891	0.016261	-0.012499	0.016757	-0.041956	-0.024080
	0.005435	0.035714	0.001055	-0.023654	0.008725	-0.005886
	0.016315	0.005107	0.020672	0.001704	-0.000394	-0.003548
	-0.008725	-0.047968	0.003183	0.048616	0.000417	-0.017966
	-0.046970	-0.018545	0.025580	0.031320	-0.002241	0.035308
	0.004123					

y382	-0.010104	0.004788	0.005400	0.041704	0.002861	0.023588
	0.013969	0.024951	-0.024408	0.006377	-0.027445	-0.009720
	-0.016026	-0.016238	0.015280	0.036997	-0.016515	-0.016439
	-0.010927	-0.003038	-0.022897	-0.012003	0.037615	-0.005373
	-0.019550	0.037080	0.002928	0.037374	-0.051939	-0.000996
	-0.046536					
z382	0.016703	0.042652	-0.027362	-0.019680	-0.054706	-0.037789
	-0.016293	-0.015824	-0.006441	-0.021053	0.064373	-0.069625
	0.085665	-0.046200	0.057228	-0.035502	-0.024182	-0.050448
	-0.018222	-0.046859	-0.021849	0.169646	-0.041498	-0.051623
	0.018270	0.000744	0.016734	0.013770	0.039990	0.006495
	-0.054969					
x383	0.003365	0.005759	0.001260	0.005906	-0.012165	-0.029289
	-0.002787	0.000774	0.015735	-0.011468	0.016566	-0.010961
	0.019871	-0.020872	0.016509	-0.013810	-0.011717	-0.024484
	0.025363	-0.030011	0.011820	0.079615	-0.016193	-0.005697
	-0.061914	-0.018257	0.037539	-0.002767	-0.017848	0.059133
	0.040975					
y383	0.005454	-0.000992	-0.019001	0.074011	-0.012401	0.013028
	0.045123	0.123314	0.001392	-0.027975	0.013342	-0.021752
	-0.019011	0.058532	-0.025456	0.108649	-0.086375	0.019173
	-0.051945	0.065051	-0.014844	-0.041026	0.081443	0.029125
	0.030249	-0.020405	-0.014530	0.092394	-0.041108	0.039566
	-0.016841					
z383	0.023054	0.038455	-0.031881	-0.009905	-0.063401	-0.034429
	0.003109	0.028012	0.002667	-0.002415	0.101797	-0.086815
	0.099915	-0.025857	0.063942	0.002600	-0.021772	-0.045109
	-0.025084	-0.035139	0.006877	0.161665	-0.053458	-0.027466
	0.052297	0.028130	-0.024132	0.039250	0.036101	0.006161
	-0.011395					
x384	0.003536	-0.002212	0.001517	-0.004198	-0.004861	-0.014126
	-0.005564	-0.004691	-0.003790	-0.010985	0.010764	0.016181
	0.025895	-0.039624	0.005073	-0.037858	0.000056	0.030861
	-0.003259	-0.001400	0.000202	0.038930	-0.042086	-0.009068
	-0.046480	-0.089875	0.038209	-0.003997	-0.016498	0.035152
	0.000885					
y384	-0.000673	0.005115	0.010181	0.062726	0.031530	0.011590
	0.046211	0.029229	-0.032963	0.005484	-0.022567	-0.022937
	-0.025760	0.027486	0.023433	-0.003444	-0.039708	0.066059
	-0.051094	0.109516	0.053180	0.001588	-0.019413	0.052852
	0.043712	-0.031191	-0.037575	0.044249	-0.022322	0.028703
	-0.049725					

z384	0.011564	0.042850	-0.024038	0.011257	-0.068050	-0.002337
	0.015396	0.006923	0.021098	0.030650	0.131334	-0.090177
	0.111357	-0.050951	0.083178	-0.031954	-0.039456	0.015574
	-0.007915	-0.047600	0.039972	0.112154	-0.093467	0.029036
	0.075516	0.019966	-0.037436	0.105484	0.063005	-0.052703
	-0.006049					
x385	0.008506	-0.007393	-0.011832	0.003346	-0.014832	0.002889
	-0.005153	0.015519	-0.019425	0.003158	-0.002215	0.013216
	0.014937	-0.006382	-0.003337	-0.022429	-0.004797	0.053189
	-0.019015	0.023830	0.013500	-0.024347	0.024056	-0.046258
	0.053904	-0.098463	-0.052198	0.011148	0.003155	0.034095
	0.019712					
y385	0.004614	0.006750	0.017450	0.040213	0.040005	0.006594
	0.043729	0.002261	-0.023672	-0.019760	-0.020793	0.001734
	-0.031464	0.008152	0.029857	0.010667	0.019634	0.010481
	-0.037156	0.102339	0.007067	0.014326	-0.054725	0.081797
	0.008895	0.009941	-0.001846	0.025000	-0.024566	-0.041586
	-0.084567					
z385	0.013018	0.042454	-0.023563	0.023539	-0.060855	0.020047
	0.016741	-0.014278	0.018364	0.032917	0.108279	-0.083730
	0.100075	-0.057356	0.072369	-0.061340	-0.017118	0.002553
	-0.015240	-0.015156	-0.002111	0.056918	-0.091180	0.059952
	0.066186	0.019466	-0.054277	0.085528	0.064920	-0.124983
	-0.031925					
x386	0.004998	0.008312	-0.017333	-0.010956	-0.023097	-0.003066
	-0.018328	-0.006035	-0.008878	0.016085	0.026402	-0.026538
	0.045712	0.030297	-0.012775	-0.004414	0.016963	0.023714
	-0.030402	0.027800	-0.014439	-0.005911	0.064710	-0.049593
	0.078153	-0.001251	-0.045180	0.062399	0.041637	0.016188
	0.039565					
y386	0.008905	-0.000372	0.011162	0.041954	0.031376	0.011431
	0.022628	0.026320	0.002638	-0.021067	0.001176	0.024459
	-0.029718	0.025948	-0.013873	0.032959	0.008972	-0.023821
	-0.036235	0.037261	-0.019121	-0.009281	-0.043378	0.069770
	0.033707	0.004629	0.032851	0.006867	-0.036586	-0.022484
	-0.096430					
z386	0.014265	0.035243	-0.032165	0.034357	-0.063767	0.028415
	-0.000784	0.003817	0.014454	0.020619	0.079878	-0.076555
	0.078167	-0.048549	0.037277	-0.075282	-0.025527	-0.050140
	-0.011444	-0.026864	0.008354	0.015506	-0.069627	0.021432
	0.006918	0.040462	-0.037931	0.039002	0.020816	-0.111658
	-0.049974					

x387	-0.002367	0.011317	-0.008862	-0.004012	-0.037369	0.001596
	-0.007201	-0.010751	0.017797	0.027118	0.028086	-0.023467
	0.052583	-0.006889	0.000376	-0.018971	0.002142	0.019359
	-0.010919	-0.005809	-0.008046	0.005431	-0.000740	-0.027294
	0.082937	0.049934	0.005017	0.032519	0.020532	-0.028804
	0.033438					
y387	0.010265	-0.006236	0.015939	0.033639	0.043659	0.009482
	0.012575	0.029844	0.023919	-0.012223	0.006437	0.046142
	-0.010876	0.031840	-0.018599	0.033795	0.014910	-0.040626
	-0.031551	0.001150	-0.005547	-0.036271	-0.015667	0.030918
	0.018582	0.002401	0.016814	-0.003433	-0.038802	0.032678
	-0.084581					
z387	0.017844	0.031154	-0.022524	0.044150	-0.042941	0.035061
	-0.001424	0.017457	0.004575	0.034710	0.065548	-0.052033
	0.055088	-0.030064	0.023067	-0.053314	-0.020277	-0.046936
	-0.025308	-0.019273	0.018115	-0.024947	-0.021284	-0.017019
	-0.054141	0.032009	-0.046193	0.036065	0.009089	-0.048199
	-0.026363					
x388	-0.004200	0.014141	-0.002597	0.006816	-0.035055	0.005761
	0.008747	-0.008412	0.011647	0.025826	0.018453	-0.027010
	0.021302	-0.017880	0.003217	-0.002123	0.004379	-0.001108
	-0.021603	0.015380	-0.002079	0.002097	-0.020595	-0.030726
	0.048690	0.034007	-0.010610	0.010879	0.020131	-0.044284
	0.043914					
y388	0.016949	-0.001254	0.007002	0.034526	0.046686	0.009234
	0.007268	0.038582	0.006856	-0.011318	0.006604	0.044567
	-0.013842	0.031298	0.004637	0.029544	0.027052	-0.073200
	-0.041796	-0.001403	0.027880	-0.027765	0.015705	0.009570
	-0.017677	0.027003	-0.026104	0.025376	-0.039693	0.038699
	-0.079552					
z388	0.016908	0.025090	-0.016034	0.047544	-0.027878	0.039443
	0.003864	0.026986	-0.009009	0.054807	0.056861	-0.020408
	0.032302	0.004740	-0.000675	-0.023654	-0.010098	-0.055534
	-0.028985	-0.012494	0.052160	-0.036551	0.023743	-0.047375
	-0.040917	0.024652	0.008544	0.009794	0.012581	-0.033957
	0.010704					
x389	-0.001298	0.018126	-0.005006	0.011027	-0.022622	0.013985
	0.008573	-0.008314	-0.021278	0.031651	0.001228	-0.024964
	0.002000	-0.011653	-0.010242	-0.007945	-0.005009	-0.016613
	-0.031975	0.009142	0.017919	-0.000240	0.012972	-0.023511
	0.011047	0.019749	0.006961	-0.013104	0.003945	-0.059194
	0.033826					

y389	0.020472	0.004742	-0.003460	0.025938	0.037685	0.014203
	0.013943	0.026793	-0.002317	-0.024776	0.010786	0.032592
	-0.011181	-0.001705	0.029333	0.001534	0.013403	-0.055947
	-0.013014	-0.024643	0.013908	0.006092	0.001414	0.037708
	-0.024296	0.009111	-0.066885	0.035957	0.006033	0.005668
	-0.084653					
z389	0.011755	0.021047	-0.015044	0.029059	-0.026891	0.048005
	0.001069	0.021306	-0.024507	0.059144	0.047678	-0.018084
	0.011584	-0.002034	-0.024974	-0.006868	-0.010477	-0.040015
	-0.030933	-0.012698	0.040630	-0.036946	0.019018	-0.038702
	-0.014478	0.010607	0.059405	-0.013246	0.000718	-0.020299
	-0.006201					
x390	0.003002	0.011569	-0.008585	0.016983	-0.021768	0.015575
	0.008928	0.001983	-0.024445	0.029633	0.008329	-0.004248
	0.006163	-0.020403	-0.007878	0.005784	-0.016243	-0.035885
	-0.028887	-0.022705	0.030971	-0.006611	0.028091	-0.009907
	-0.006587	0.017538	0.006370	-0.017550	-0.019332	-0.026700
	0.013120					
y390	0.020425	-0.001276	-0.007448	0.036772	0.031406	0.014935
	0.016700	0.013288	0.012997	-0.003352	0.031110	0.019097
	0.002796	0.007890	0.025806	-0.009430	0.021878	-0.059371
	0.005274	-0.031588	0.012370	0.000159	-0.016149	0.021683
	-0.030928	-0.015166	-0.047751	0.002983	0.038020	0.012041
	-0.077496					
z390	0.009495	0.014999	-0.017010	0.025130	-0.031117	0.032577
	0.002247	0.009384	-0.029195	0.051591	0.037556	-0.018610
	0.010896	-0.015026	-0.006697	-0.002017	0.023562	-0.028177
	-0.033001	-0.020523	0.041588	-0.010740	0.013807	-0.027445
	-0.009724	-0.020358	0.039665	-0.019700	0.011835	-0.009900
	0.001202					
x391	0.002494	0.004763	-0.008596	0.014207	-0.023897	0.015280
	0.014319	0.004328	-0.029530	0.030291	0.008611	0.012586
	0.009904	-0.020697	-0.000891	0.019979	-0.014249	-0.039666
	-0.025294	-0.020685	0.020077	-0.013101	0.022862	-0.022816
	-0.010818	0.006234	0.011335	-0.015885	-0.001418	-0.024666
	0.015083					
y391	0.024821	-0.003574	-0.010005	0.027868	0.017035	0.017786
	0.013380	0.019089	0.019770	-0.002741	0.026829	0.017169
	0.001077	0.006060	0.020997	-0.002274	0.028538	-0.050465
	0.011853	-0.039491	-0.012983	-0.008800	-0.036428	0.053389
	-0.017038	-0.058800	-0.049169	0.022290	0.062739	0.043657
	-0.078799					

z391	0.007294	0.007229	-0.019225	0.026401	-0.027344	0.025043
	0.006054	0.006579	-0.028528	0.045590	0.036339	-0.006241
	0.011390	-0.014239	-0.007920	0.008307	0.017845	-0.026371
	-0.033381	-0.025592	0.052168	-0.009468	0.015994	-0.020513
	-0.017919	-0.029189	0.020545	-0.018190	0.018026	-0.015845
	0.015619					
x392	0.001219	-0.003380	-0.006671	0.013068	-0.018175	0.016183
	0.015239	-0.010581	-0.033031	0.040255	0.014082	0.014074
	0.019107	-0.021511	0.012026	0.016071	-0.013487	-0.029083
	-0.032955	-0.017814	0.013693	-0.008670	0.020005	-0.030393
	-0.012106	-0.002117	0.017947	-0.017223	-0.007997	-0.006060
	0.008224					
y392	0.028576	-0.006446	-0.008615	0.021914	0.018378	0.015162
	0.017489	0.013818	0.023714	0.002237	0.028829	0.006197
	-0.003808	0.002280	0.019236	0.001819	0.030813	-0.037861
	0.021008	-0.025631	-0.030131	-0.015472	-0.046216	0.057612
	-0.007542	-0.061260	-0.040310	0.005933	0.042382	0.052753
	-0.069539					
z392	0.005237	0.000305	-0.019227	0.026231	-0.022394	0.013644
	0.014249	0.005840	-0.029509	0.035410	0.036056	0.010246
	0.005931	-0.018401	-0.007901	0.022873	0.006051	-0.022873
	-0.034915	-0.020263	0.050348	-0.019199	0.019579	-0.023885
	-0.025199	-0.015109	0.007533	-0.024172	-0.003857	-0.037020
	0.029517					
x393	0.003400	-0.006475	-0.006480	0.012484	-0.007887	0.015041
	0.015485	-0.010036	-0.029616	0.036698	0.016887	0.021263
	0.019569	-0.010931	0.017401	0.010149	-0.009722	-0.021344
	-0.041774	-0.021203	0.017269	-0.013596	0.041122	-0.033805
	-0.009130	-0.006396	0.017906	-0.021315	-0.016824	0.004907
	-0.000429					
y393	0.028945	-0.007795	-0.006199	0.015713	0.024127	0.011606
	0.010641	0.005353	0.029652	0.005865	0.027315	-0.000940
	-0.005101	0.002770	0.024538	-0.013177	0.037851	-0.018207
	0.012867	-0.018547	-0.025534	-0.018165	-0.024633	0.055580
	-0.008376	-0.052723	-0.022799	0.000528	0.045014	0.034503
	-0.080816					
z393	0.001862	-0.004206	-0.016833	0.024592	-0.016811	0.008507
	0.016179	0.002401	-0.035482	0.030234	0.033816	0.024937
	0.008398	-0.021243	-0.001753	0.020504	0.001306	-0.020558
	-0.047456	-0.019794	0.054886	-0.018852	0.029329	-0.031587
	-0.026020	-0.000868	0.005045	-0.015968	-0.002150	-0.052824
	0.034833					

x394	0.008808	-0.008292	-0.006599	0.014848	-0.004612	0.011210
	0.017570	-0.005573	-0.025641	0.031659	0.021596	0.024786
	0.009874	-0.015214	0.013359	0.009314	-0.007172	-0.016617
	-0.044003	-0.025473	0.021067	-0.017103	0.043509	-0.030622
	-0.011058	-0.009690	0.011058	-0.016747	-0.002194	-0.022660
	0.001905					
y394	0.032220	-0.008566	-0.005300	0.013029	0.022882	0.011942
	0.002420	0.000878	0.034331	0.008751	0.027560	-0.008377
	-0.000666	0.001679	0.025014	-0.019434	0.035784	-0.010441
	0.005876	-0.025530	-0.022275	-0.019183	-0.014178	0.042862
	-0.008852	-0.039558	-0.002368	0.005063	0.068593	0.017071
	-0.083453					
z394	-0.000471	-0.008533	-0.014742	0.021874	-0.010708	0.008313
	0.014830	0.001253	-0.039687	0.026887	0.027553	0.034689
	0.018302	-0.018348	0.005382	0.016853	-0.009379	-0.023541
	-0.060646	-0.028806	0.055165	-0.015171	0.035563	-0.049245
	-0.020949	0.017384	0.012694	-0.001598	0.000384	-0.037334
	0.038655					
x395	0.013428	-0.014233	-0.006995	0.014218	-0.001286	0.007833
	0.018405	-0.004744	-0.016139	0.031030	0.024950	0.019187
	0.003160	-0.023980	0.011482	0.003275	0.002763	-0.015091
	-0.046012	-0.023981	0.014587	-0.009429	0.035000	-0.028289
	-0.010569	-0.001852	0.007750	-0.004584	0.015311	-0.034187
	0.003309					
y395	0.035444	-0.008461	-0.003838	0.009398	0.017854	0.010533
	0.000447	-0.006821	0.040240	0.012200	0.026002	-0.016484
	-0.000942	-0.004903	0.027696	-0.019409	0.038543	-0.006242
	0.012250	-0.020700	-0.029897	-0.013757	-0.013613	0.041697
	-0.000106	-0.036993	-0.000521	-0.002430	0.068910	0.017476
	-0.054189					
z395	-0.001436	-0.012348	-0.011931	0.018428	-0.006771	0.004423
	0.019788	0.000401	-0.037676	0.022340	0.020984	0.040645
	0.022071	-0.019083	0.012237	0.018268	-0.015550	-0.020165
	-0.055245	-0.028797	0.052816	-0.015700	0.038731	-0.053359
	-0.012518	0.022297	-0.000982	0.007929	-0.020201	-0.019844
	0.044237					
x396	0.016773	-0.015918	-0.006070	0.010026	0.004280	0.005553
	0.019804	-0.001456	-0.008748	0.022631	0.026802	0.020049
	-0.005930	-0.022884	0.016094	0.001385	0.013565	-0.008235
	-0.046851	-0.018529	0.019504	-0.002082	0.028850	-0.017872
	0.001661	-0.000380	0.006875	-0.003141	0.014929	-0.024253
	0.002510					

y396	0.035725	-0.008060	-0.003300	0.005208	0.015730	0.011607
	0.000210	-0.009280	0.040072	0.013597	0.024756	-0.010573
	-0.004728	-0.007189	0.026270	-0.020161	0.042039	-0.012704
	0.011971	-0.007286	-0.026315	-0.011865	-0.003040	0.048524
	0.007895	-0.038586	-0.002318	-0.025174	0.057966	0.028785
	-0.053902					
z396	-0.000897	-0.016045	-0.009560	0.017104	-0.002492	0.001813
	0.024169	0.008355	-0.038273	0.017217	0.015423	0.049474
	0.020886	-0.024543	0.013716	0.009902	-0.012935	-0.026012
	-0.057518	-0.028617	0.049142	-0.019484	0.044163	-0.048125
	-0.005088	0.026063	-0.010121	0.019709	-0.033192	-0.016600
	0.038957					
x397	0.019950	-0.018887	-0.002490	0.005663	0.004857	0.004187
	0.023874	-0.005796	0.002670	0.021596	0.028206	0.011770
	-0.007833	-0.016270	0.026608	0.008502	0.013156	0.005241
	-0.032879	-0.010032	0.013470	0.002377	0.018501	-0.015640
	0.002895	-0.001338	0.003493	0.002547	0.008322	-0.019393
	-0.009328					
y397	0.033649	-0.010605	-0.001185	0.003657	0.015001	0.013434
	-0.002262	-0.017192	0.038331	0.016179	0.023416	-0.006733
	-0.008006	-0.007239	0.030411	-0.010617	0.031130	-0.005801
	0.007581	0.004057	-0.023559	-0.012776	0.005280	0.043590
	-0.000506	-0.038263	-0.008755	-0.031654	0.050867	0.024298
	-0.063097					
z397	0.000459	-0.019784	-0.006694	0.015087	0.000262	0.000053
	0.026304	0.014915	-0.035125	0.011622	0.006976	0.049894
	0.017236	-0.032962	0.013484	0.005342	-0.014048	-0.027403
	-0.066746	-0.029474	0.040335	-0.017390	0.038640	-0.044227
	-0.003158	0.036607	-0.012583	0.035898	-0.038172	-0.015448
	0.037525					
x398	0.024123	-0.022352	0.001745	0.006818	0.008261	0.007748
	0.022114	-0.003850	0.008531	0.021808	0.027620	0.006296
	-0.005016	-0.019281	0.026666	-0.005625	0.012214	0.002241
	-0.029736	-0.012548	-0.003038	0.002928	0.021929	0.001994
	0.002344	-0.001962	0.004445	0.006963	0.012900	-0.004438
	-0.016268					
y398	0.032375	-0.012391	0.003647	0.005658	0.016847	0.009245
	0.000469	-0.014374	0.034032	0.018465	0.016800	-0.000526
	-0.010236	-0.001923	0.042714	-0.004135	0.016153	0.002264
	0.007444	0.016164	-0.014895	-0.001644	0.004482	0.031354
	0.001625	-0.016461	-0.017920	-0.029937	0.045875	0.029960
	-0.033219					

z398	0.001328	-0.019930	-0.006072	0.014512	-0.004233	0.001087
	0.024070	0.017925	-0.028453	0.014724	-0.004877	0.040238
	0.011394	-0.036876	0.007142	0.007320	-0.023822	-0.010030
	-0.066870	-0.041457	0.040711	-0.017113	0.031565	-0.039611
	-0.013609	0.031797	0.000255	0.048035	-0.045543	-0.022508
	0.022106					
x399	0.029907	-0.026879	0.006208	0.005853	0.012837	0.001388
	0.017145	-0.007638	0.011098	0.020759	0.028000	0.005220
	-0.004933	-0.023900	0.023755	-0.008504	0.004870	0.004810
	-0.032036	-0.006448	-0.013609	-0.004071	0.019060	0.001049
	0.006693	-0.000540	0.005522	-0.004117	-0.011046	0.013404
	-0.028273					
y399	0.031748	-0.016422	0.007153	0.001542	0.017816	0.008533
	-0.003053	-0.011410	0.028136	0.014716	0.015193	0.000312
	-0.006650	-0.007888	0.041438	-0.001612	0.011624	0.004433
	-0.001326	0.024860	-0.012280	-0.002422	0.009537	0.006914
	0.003936	-0.013817	-0.013412	-0.017812	0.018425	0.029994
	-0.025781					
z399	0.004111	-0.022514	-0.007179	0.016996	-0.004423	-0.008818
	0.020261	0.017402	-0.021810	0.010973	-0.002397	0.036654
	0.013741	-0.034930	-0.007477	-0.012194	-0.026140	-0.014315
	-0.061648	-0.058344	0.018222	-0.013223	0.019779	-0.029115
	-0.018290	0.030423	0.013297	0.043651	-0.046918	-0.018869
	-0.003332					
x400	0.036060	-0.029798	0.010682	0.009239	0.019055	-0.004040
	0.014952	-0.009008	0.016648	0.024937	0.024943	0.003584
	-0.003244	-0.022760	0.030130	-0.002324	-0.018371	0.009659
	-0.032555	-0.004786	-0.012804	-0.000848	0.011741	-0.014055
	0.005864	-0.000268	0.003960	0.011887	0.018754	0.020333
	-0.013181					
y400	0.029680	-0.019444	0.009236	0.000325	0.022188	0.008503
	-0.003220	-0.009365	0.024944	0.016529	0.017648	0.000074
	-0.005838	-0.009960	0.035704	0.003403	0.012512	-0.003854
	-0.009131	0.018903	-0.010798	-0.005054	0.018849	-0.007707
	-0.001990	-0.007880	-0.012105	-0.008107	0.018250	0.037808
	-0.013077					
z400	0.007543	-0.023837	-0.007271	0.024598	-0.001341	-0.022063
	0.023368	0.020690	-0.017961	0.007129	-0.004442	0.032208
	0.021388	-0.024384	-0.012730	-0.019986	-0.032901	-0.012537
	-0.054870	-0.055138	0.005173	-0.004162	0.003679	-0.032146
	-0.006700	0.034563	0.011881	0.050745	-0.022542	-0.019152
	-0.000728					

x401	0.038317	-0.035307	0.016741	0.006635	0.026876	-0.004210
	0.017310	-0.009908	0.025064	0.021798	0.029668	0.005714
	-0.013990	-0.012973	0.030777	-0.001550	-0.011459	0.018500
	-0.024323	-0.003842	-0.026745	-0.001352	0.022500	-0.016847
	0.000070	0.009358	-0.004230	0.002146	-0.005495	0.042807
	-0.039896					
y401	0.024023	-0.015790	0.011079	-0.002000	0.021578	0.009605
	-0.000766	-0.005284	0.020675	0.011756	0.009684	0.006116
	-0.013053	0.003489	0.032563	0.015277	0.015643	0.005077
	0.004240	0.017377	0.001640	-0.003597	0.023003	-0.011232
	-0.007986	0.002791	-0.023087	-0.024239	-0.004111	0.032674
	-0.022224					
z401	0.005402	-0.021449	-0.002309	0.024391	-0.008684	-0.030106
	0.016949	0.023327	-0.006853	0.004544	-0.005925	0.043820
	0.018244	-0.016460	-0.023929	-0.012052	-0.039775	0.016112
	-0.023577	-0.063001	-0.005068	0.014742	-0.001966	-0.029739
	-0.005890	0.040566	0.001124	0.049272	-0.042089	-0.005718
	-0.017396					
x402	0.044289	-0.039318	0.020731	0.010846	0.034197	-0.008257
	0.018836	-0.007617	0.028920	0.022024	0.043398	0.003247
	-0.019963	-0.015799	0.030306	-0.000358	-0.009438	0.003927
	-0.022759	-0.006575	-0.034510	0.000757	0.031371	-0.024306
	0.008328	0.007616	-0.011884	-0.020807	-0.025302	0.040710
	-0.034831					
y402	0.022184	-0.017249	0.009783	0.001596	0.015903	0.005442
	0.001782	-0.007045	0.019536	0.012958	0.013731	-0.001785
	-0.007823	-0.001236	0.026773	0.013751	0.010631	-0.006823
	0.004536	0.018870	-0.004665	0.000136	0.018014	-0.015155
	-0.001070	-0.000051	-0.024865	-0.032375	-0.015808	0.018260
	-0.007500					
z402	0.008421	-0.025493	-0.006394	0.030981	-0.008749	-0.040082
	0.021771	0.022259	-0.003995	-0.001046	-0.011755	0.030264
	0.025553	-0.007497	-0.025497	-0.017716	-0.040212	0.016171
	-0.024685	-0.049616	-0.011863	0.012082	-0.017639	-0.025168
	0.004751	0.040256	0.001155	0.042455	-0.037269	0.000064
	-0.018965					
x403	0.046943	-0.037418	0.022933	0.009621	0.040884	-0.006997
	0.015065	-0.002209	0.022845	0.013586	0.045904	0.016778
	-0.025859	-0.002416	0.030378	0.007994	-0.008676	-0.002282
	-0.014149	-0.020727	-0.014569	0.004830	0.045375	-0.032844
	0.005677	0.018666	-0.015502	-0.035997	-0.023597	0.024335
	-0.032790					

y403	0.019712	-0.014723	0.008991	0.001978	0.013343	0.003897
	0.002140	-0.008243	0.013098	0.009004	0.017120	0.001639
	-0.004801	-0.000580	0.018943	0.005634	0.009350	-0.007007
	-0.006184	0.007829	-0.014309	0.005900	0.024171	-0.008498
	0.002728	0.006314	-0.010445	-0.023861	-0.016740	0.013461
	-0.012458					
z403	0.008042	-0.025780	-0.004342	0.032295	-0.010672	-0.045141
	0.018659	0.026058	0.001791	-0.008867	-0.017674	0.035375
	0.022955	0.007510	-0.030572	-0.012498	-0.039389	0.029022
	-0.015062	-0.048639	-0.012284	0.017538	-0.015966	-0.025073
	0.005813	0.043352	-0.003267	0.036839	-0.039301	0.013497
	-0.020909					
x404	0.049212	-0.040927	0.022995	0.011843	0.037577	-0.010056
	0.015537	-0.002580	0.023095	0.018602	0.040961	0.008838
	-0.017495	-0.005317	0.026760	0.009404	-0.012954	-0.009634
	-0.013392	-0.015160	-0.010758	-0.012679	0.035635	-0.045815
	0.001478	0.004193	-0.034043	-0.045721	-0.030591	0.022420
	-0.018194					
y404	0.015726	-0.005852	0.006766	0.000479	0.014865	0.004404
	-0.001047	-0.007229	0.001039	-0.010161	0.019057	0.011725
	-0.007943	-0.004423	0.008157	-0.005781	0.004743	-0.000792
	-0.025626	-0.011400	-0.010498	0.017141	0.038109	0.000004
	0.010520	0.008511	0.011291	-0.012183	-0.004716	0.012964
	-0.016732					
z404	0.008431	-0.026887	-0.006714	0.036389	-0.015152	-0.046236
	0.016903	0.027889	0.003124	-0.015616	-0.023372	0.029919
	0.024321	0.014131	-0.028305	-0.015852	-0.043458	0.044383
	-0.021992	-0.035167	-0.006713	0.003179	-0.020501	-0.016607
	0.002072	0.025336	-0.001825	0.049477	-0.028872	0.009244
	-0.012100					
x405	0.049928	-0.041603	0.021045	0.013482	0.031004	-0.018375
	0.009873	0.003081	0.024672	0.026274	0.031755	0.006405
	-0.014766	-0.004849	0.026952	0.020947	-0.027502	0.007420
	0.022490	-0.013323	0.000517	-0.020025	0.024019	-0.054221
	-0.018598	-0.001108	-0.044693	-0.037414	-0.024494	0.003695
	-0.006139					
y405	0.008532	-0.009867	0.006272	0.000833	0.002807	-0.002232
	-0.000787	-0.008924	0.005202	-0.006053	0.017127	0.001340
	-0.006297	-0.010891	-0.002872	-0.012422	0.005059	-0.004604
	-0.022660	-0.007464	-0.030415	0.030800	0.028049	-0.000441
	0.009078	0.020267	0.006116	-0.010205	-0.006213	0.019035
	-0.019181					

z405	0.006942	-0.030063	-0.003695	0.036589	-0.027828	-0.044245
	0.012676	0.028774	0.010883	-0.010168	-0.027503	0.027173
	0.019482	0.014989	-0.027977	-0.000046	-0.051142	0.066550
	-0.008935	-0.029302	-0.012481	0.005691	-0.019522	-0.014284
	-0.018098	0.021395	-0.010290	0.060527	-0.014375	0.008167
	0.000888					
x406	0.051671	-0.028979	0.019177	0.011890	0.030767	-0.016606
	0.003965	0.002840	0.018592	0.014751	0.024628	0.019764
	-0.009225	0.004564	0.024671	0.043525	-0.045912	0.013982
	0.024930	-0.018943	0.035894	-0.013466	0.022595	-0.052301
	-0.036014	-0.004395	-0.058675	-0.035594	-0.022223	-0.017850
	0.004759					
y406	-0.003027	-0.000571	-0.001847	0.001042	-0.014206	-0.005873
	-0.000642	-0.001507	0.002497	-0.003727	-0.010062	-0.008764
	0.009512	-0.002270	0.002138	-0.012616	-0.008843	0.004048
	-0.005516	0.003046	-0.008782	0.019527	-0.005636	-0.008259
	-0.002292	0.004343	-0.009730	0.010118	0.006731	-0.000890
	0.002141					
z406	0.006922	-0.027717	-0.003676	0.034386	-0.032879	-0.039563
	0.005216	0.033392	0.008775	-0.016463	-0.027620	0.029863
	0.010241	0.014637	-0.022064	0.011706	-0.052990	0.068303
	-0.007997	-0.037422	-0.000430	0.001532	-0.006406	-0.017649
	-0.045507	0.015279	-0.011910	0.066113	0.015827	-0.006652
	0.018357					
x407	0.051299	-0.021238	0.012187	0.014860	0.022110	-0.023928
	-0.003557	0.002841	0.016005	0.008347	0.015652	0.012026
	0.006802	-0.003150	0.026704	0.055074	-0.043076	0.025713
	0.018397	-0.000615	0.060794	-0.031645	0.025928	-0.044054
	-0.036689	-0.007321	-0.051085	-0.022164	-0.012226	-0.039349
	0.022592					
y407	-0.012936	0.005014	-0.003584	-0.004420	-0.020764	-0.001804
	-0.002556	0.012072	0.000213	-0.009766	-0.005846	0.006961
	0.005840	0.005826	-0.014180	-0.020055	-0.010751	0.011162
	-0.004974	-0.018871	-0.022941	0.017909	0.003810	0.004529
	-0.010536	-0.000255	0.004815	0.015002	0.005970	-0.002350
	-0.000363					
z407	0.006390	-0.032068	-0.003283	0.032614	-0.044457	-0.036531
	0.002449	0.034378	0.008111	-0.005283	-0.032600	0.019132
	0.009594	0.009105	-0.016226	0.020493	-0.052864	0.067753
	-0.001409	-0.030825	0.004036	-0.007658	-0.006733	-0.016971
	-0.077979	-0.002881	-0.021197	0.080485	0.059315	-0.030775
	0.050115					

x408	0.043599	-0.020503	0.013746	0.012373	0.015387	-0.024270
	-0.008816	0.004906	0.018262	0.004919	0.024597	0.011488
	0.010754	-0.019121	0.009406	0.041080	-0.032613	0.017227
	0.007972	0.007345	0.039319	-0.022544	0.047018	-0.023004
	-0.043136	0.008637	-0.033308	-0.017415	-0.032608	-0.016170
	0.022094					
y408	-0.024102	0.002120	-0.002768	-0.008475	-0.027737	0.001131
	0.001623	0.015980	-0.000237	-0.004495	-0.007357	0.006848
	-0.005321	0.013443	-0.019440	-0.002183	-0.014845	0.034063
	0.003949	-0.021158	-0.039098	0.023254	-0.000912	0.002494
	-0.006131	0.007373	0.009961	0.027559	0.003631	-0.000735
	-0.015073					
z408	0.003252	-0.035877	-0.002311	0.023071	-0.038533	-0.033220
	0.000515	0.033192	0.006407	0.005395	-0.023389	0.013948
	0.008922	0.005586	-0.008308	0.021950	-0.025804	0.057799
	0.011109	-0.039583	-0.006924	-0.012938	0.006749	-0.020549
	-0.076248	-0.002249	-0.009353	0.060059	0.029354	-0.010700
	0.020835					
x409	0.038142	-0.019163	0.016289	0.012553	0.011647	-0.025487
	-0.016070	0.010669	0.017293	0.007511	0.023562	0.004946
	0.014243	-0.016591	-0.000634	0.027560	-0.033260	0.010430
	0.001258	0.000729	0.023752	0.001412	0.042778	-0.036728
	-0.036621	0.005503	-0.023950	0.002854	-0.020742	-0.009231
	0.011510					
y409	-0.028252	0.002009	-0.002311	-0.008800	-0.032270	0.005416
	0.012595	0.009856	-0.001294	-0.000503	-0.012678	0.001391
	-0.015307	0.014546	-0.006501	0.003103	-0.024231	0.045777
	0.004763	-0.019804	-0.042222	0.031042	-0.015134	0.006501
	-0.005689	0.022035	0.026371	0.034307	0.034361	-0.020609
	0.005292					
z409	0.001051	-0.035809	-0.000257	0.020460	-0.036568	-0.031106
	-0.005329	0.042552	0.007139	0.012315	-0.011425	0.019895
	0.007752	0.000853	-0.016385	0.021855	-0.011482	0.053676
	0.012703	-0.045220	-0.020796	-0.009287	0.017580	-0.025606
	-0.072735	0.003145	-0.003228	0.052214	0.019253	-0.001630
	0.011096					
x410	0.031863	-0.019730	0.008881	0.011514	0.005764	-0.022953
	-0.019553	0.015292	0.013204	0.010276	0.017099	-0.001491
	0.011193	-0.017327	-0.001364	0.019529	-0.029766	0.001555
	0.004469	-0.005759	0.018414	0.000235	0.026571	-0.021880
	-0.030653	-0.000918	-0.016755	0.015723	-0.009736	0.003187
	0.004076					

y410	-0.034940	0.002124	-0.001572	-0.011484	-0.037210	0.004069
	0.021622	0.013293	-0.002536	0.003340	-0.016468	0.006450
	-0.016109	0.028804	-0.001030	0.001050	-0.011581	0.051636
	0.013005	-0.018995	-0.045890	0.005708	-0.008308	0.013853
	-0.016589	0.019033	0.030873	0.026455	0.022787	-0.012365
	0.010081					
z410	0.001329	-0.036056	0.002038	0.020605	-0.029963	-0.027290
	-0.011336	0.048586	0.007332	0.016536	0.002355	0.017742
	0.007656	-0.011317	-0.019821	0.016097	-0.010027	0.045433
	-0.010329	-0.051907	-0.037110	0.013765	0.016207	-0.041912
	-0.068336	0.021375	0.018659	0.049541	0.039397	-0.018113
	0.014396					
x411	0.022711	-0.019093	0.005379	0.007140	0.002182	-0.017475
	-0.020553	0.017487	0.009102	0.006654	0.011833	0.001443
	0.006676	-0.005647	-0.002228	0.014636	-0.017734	0.015014
	0.002141	-0.007728	0.010051	-0.009121	0.035454	-0.005974
	-0.027254	0.003930	-0.015392	0.015425	-0.009588	0.019300
	-0.010630					
y411	-0.039043	0.001975	-0.002217	-0.011453	-0.039331	0.003619
	0.028619	0.017551	0.000863	0.007593	-0.013295	0.005340
	-0.015923	0.025116	-0.001626	0.007427	-0.002940	0.050147
	0.018922	-0.018463	-0.046335	0.006460	-0.012194	0.002726
	-0.006941	0.014062	0.040964	0.024083	0.001836	-0.011027
	0.022029					
z411	0.000022	-0.033143	0.002045	0.016854	-0.021685	-0.026519
	-0.012568	0.049064	0.011975	0.016830	0.015472	0.022426
	0.005551	-0.012375	-0.022015	0.007200	0.010942	0.049667
	-0.012007	-0.049011	-0.037986	0.002093	0.035267	-0.034736
	-0.051083	0.009165	0.014385	0.035112	-0.013846	-0.002681
	-0.011915					
x412	0.013510	-0.015291	0.006993	0.005734	-0.003192	-0.013582
	-0.017532	0.018416	0.012854	0.007739	0.005160	-0.002687
	0.004957	0.002602	-0.006083	0.017414	-0.019480	0.025039
	0.000302	-0.013054	0.003021	-0.003432	0.020423	-0.018925
	-0.023125	0.007467	-0.009824	0.023562	-0.000784	0.011714
	-0.005621					
y412	-0.040590	0.004349	-0.001954	-0.006142	-0.041313	0.007591
	0.038379	0.021267	0.000412	0.006811	-0.009991	0.007304
	-0.017490	0.010686	0.003205	0.012932	-0.002657	0.058538
	0.020497	-0.022253	-0.047944	0.014029	-0.007499	-0.004942
	0.002896	0.011392	0.047602	0.013257	-0.000376	-0.014945
	0.030082					

z412	0.000053	-0.032583	0.001735	0.014138	-0.014222	-0.027520
	-0.017527	0.055165	0.011993	0.020607	0.021550	0.020781
	0.008161	-0.013886	-0.022989	-0.002247	0.020605	0.040806
	-0.020428	-0.045436	-0.037493	0.001640	0.035556	-0.031811
	-0.049920	0.014800	0.013207	0.031244	-0.023359	-0.004115
	-0.014845					
x413	0.004245	-0.014589	0.006680	0.006942	-0.004845	-0.012527
	-0.010955	0.031916	0.010765	0.017519	0.005184	0.003010
	0.008981	0.000847	-0.014680	0.004442	-0.002837	0.027559
	-0.008094	-0.020715	-0.016545	-0.004970	0.010314	-0.013074
	-0.017649	0.006449	0.004746	0.016889	-0.008254	0.004133
	-0.004856					
y413	-0.040593	0.007160	0.001743	-0.006936	-0.045844	0.008570
	0.041515	0.018375	0.007868	0.003438	-0.005898	0.012051
	-0.017070	0.007862	0.008267	0.023964	-0.005707	0.056829
	0.032610	-0.021202	-0.027840	0.006829	-0.010410	-0.021533
	0.003785	0.005143	0.044157	0.007261	0.005901	-0.015936
	0.035603					
z413	0.000300	-0.030260	0.001861	0.015260	-0.005758	-0.026175
	-0.021268	0.059850	0.013007	0.020548	0.025537	0.017887
	0.007251	-0.013803	-0.026996	-0.015563	0.024134	0.049767
	-0.038199	-0.034968	-0.038526	0.002338	0.041341	-0.024459
	-0.033774	0.014422	0.015084	0.034813	-0.043641	-0.003379
	-0.019017					
x414	-0.003898	-0.013453	-0.001341	0.004474	-0.005214	-0.011667
	-0.003074	0.035649	0.008034	0.012851	0.007841	-0.009432
	0.012276	-0.005056	-0.013522	-0.014005	0.012773	0.011718
	-0.028629	-0.023852	-0.022031	-0.013370	0.006356	-0.015209
	-0.017207	0.008745	0.026930	0.000973	0.000432	-0.000161
	0.002209					
y414	-0.036713	0.005189	0.006740	-0.000533	-0.044169	0.006318
	0.042541	0.022792	0.008570	0.003904	0.000176	0.014679
	-0.018346	0.007052	0.002622	0.015435	-0.003776	0.052351
	0.032468	-0.011609	-0.016241	0.015399	0.008127	-0.022476
	0.017211	-0.002952	0.037877	0.022945	-0.020198	-0.026607
	0.010018					
z414	-0.001273	-0.025592	0.004168	0.012570	-0.002216	-0.025993
	-0.028794	0.062091	0.019730	0.021151	0.025929	0.021842
	0.003419	-0.017367	-0.033515	-0.020124	0.019567	0.052173
	-0.042023	-0.039187	-0.040541	0.007904	0.032509	-0.023794
	-0.037758	0.035286	0.011730	0.031806	-0.044587	-0.001027
	-0.013226					

x415	-0.011063	-0.010357	-0.003211	0.004441	-0.006826	-0.011197
	0.003032	0.042703	0.006356	0.012144	0.006080	-0.004662
	0.010855	-0.006413	-0.017111	-0.014145	0.022691	0.015596
	-0.028864	-0.024640	-0.015404	-0.013328	0.000662	-0.015288
	-0.011400	-0.001814	0.027182	0.003611	-0.024222	-0.002059
	-0.003248					
y415	-0.033392	0.004645	0.010000	0.002546	-0.050618	0.000377
	0.041278	0.022600	0.015597	-0.003689	0.001068	0.014322
	-0.023664	-0.001188	0.000795	0.010693	-0.007859	0.058283
	0.033959	-0.001059	-0.015249	0.023183	0.025894	-0.011527
	0.024668	0.000910	0.025801	0.028432	-0.045163	-0.014960
	0.002624					
z415	-0.000099	-0.021290	-0.005243	0.009825	0.008625	-0.026534
	-0.029666	0.058236	0.018606	0.013927	0.021954	0.004865
	0.010751	-0.016530	-0.024841	-0.040268	0.015542	0.030752
	-0.068244	-0.033470	-0.025407	-0.011132	0.018239	-0.022587
	-0.042148	0.043134	0.016285	0.024651	-0.029710	-0.015726
	0.002299					
x416	-0.017302	-0.011502	0.007767	0.005003	-0.013999	-0.015444
	0.001144	0.059128	0.014253	0.018718	0.010028	0.013905
	0.001896	-0.011664	-0.033760	-0.019924	0.022480	0.034359
	-0.024180	-0.024726	-0.016620	0.004916	0.016071	-0.008774
	-0.002455	0.015397	0.019271	0.009289	-0.042320	-0.008642
	-0.004886					
y416	-0.027358	0.002275	0.010367	0.005236	-0.054214	-0.002555
	0.034218	0.013485	0.013194	-0.008689	0.002159	0.005550
	-0.016741	-0.008719	0.004760	0.001964	-0.018338	0.050137
	0.019591	0.013607	0.009646	0.012748	0.015331	-0.019769
	0.014306	0.002124	0.021684	0.033836	-0.026919	-0.026930
	0.023408					
z416	-0.001360	-0.012841	-0.014892	0.007509	0.010860	-0.031929
	-0.032125	0.049545	0.021735	0.002055	0.011472	-0.003873
	0.006607	-0.009773	-0.020059	-0.060474	0.004878	0.011367
	-0.070665	-0.018384	-0.004245	-0.022908	0.032443	-0.012892
	-0.025885	0.045195	-0.000813	0.011109	-0.048203	-0.017954
	-0.003263					
x417	-0.019829	-0.015167	0.011098	0.007479	-0.025054	-0.020356
	0.000351	0.063085	0.014853	0.009692	0.010414	0.007983
	-0.001730	-0.014685	-0.032783	-0.035043	0.006435	0.034168
	-0.026246	-0.010702	-0.001422	0.013268	0.034136	-0.000666
	0.011140	0.020449	0.025730	0.017039	-0.028578	-0.020321
	0.005865					

y417	-0.021342	-0.002412	0.016888	0.003601	-0.050981	0.002545
	0.027149	0.013582	0.006428	-0.012847	0.010204	0.020770
	-0.007919	-0.016343	0.002050	0.013653	-0.025081	0.052070
	0.023350	0.015101	0.014299	0.016204	0.026497	-0.000727
	0.011684	0.001030	0.027464	0.031161	-0.029640	-0.020778
	0.014418					
z417	-0.002696	-0.011426	-0.011519	0.008976	0.011920	-0.032179
	-0.044210	0.051207	0.024673	0.009924	0.003181	-0.003225
	0.002510	0.006202	-0.030881	-0.056695	-0.009546	0.003629
	-0.046695	-0.014399	-0.009638	-0.004812	0.023549	-0.004257
	-0.005780	0.043151	-0.008231	0.000783	-0.025608	0.000361
	0.006015					
x418	-0.021483	-0.014506	0.011831	0.010773	-0.031979	-0.020281
	-0.000872	0.060323	0.017344	-0.002976	0.011717	0.009604
	0.003469	-0.013597	-0.028476	-0.040704	-0.005934	0.035756
	-0.030219	0.000564	0.007883	0.010506	0.040856	0.001252
	0.015077	0.013304	0.033721	0.024958	-0.034066	-0.018402
	0.016162					
y418	-0.018579	-0.006022	0.020545	0.004435	-0.048460	-0.001686
	0.019935	0.011317	0.008676	-0.009678	0.007613	0.015824
	0.000924	-0.015022	-0.005841	0.020595	-0.029712	0.045604
	0.025917	0.018669	0.013257	0.013644	0.024262	0.007795
	-0.003957	0.008110	0.022006	0.034733	-0.031398	-0.010746
	0.025558					
z418	-0.004901	-0.010270	-0.011846	0.010335	0.025296	-0.025225
	-0.039675	0.057020	0.023216	0.011263	0.003320	-0.015176
	0.007431	0.005398	-0.034225	-0.054030	-0.005696	0.009267
	-0.042102	-0.017441	-0.016631	-0.003343	0.007424	-0.004642
	0.005990	0.029381	-0.012505	-0.014338	-0.014887	0.000841
	0.003002					
x419	-0.022991	-0.018685	0.013443	0.014490	-0.035807	-0.022105
	-0.001935	0.060259	0.020868	-0.006848	0.012665	0.005042
	0.013787	-0.010252	-0.029711	-0.040046	-0.014371	0.037480
	-0.030902	0.008761	0.006192	0.006165	0.045723	0.014056
	0.010790	0.011842	0.029086	0.027537	-0.032366	-0.010079
	0.028668					
y419	-0.013175	-0.006822	0.021865	0.007852	-0.041672	-0.003406
	0.020625	0.005356	0.012074	-0.011796	0.009482	0.010126
	0.004901	-0.012045	-0.009115	0.029992	-0.025988	0.040637
	0.026149	0.019962	0.011512	0.008803	0.020170	0.016622
	-0.012200	0.001252	-0.001378	0.026826	-0.027333	-0.017589
	0.038409					

z419	-0.007706	-0.003871	-0.011255	0.007327	0.032198	-0.014719
	-0.039337	0.056424	0.016366	0.009169	-0.004551	-0.014604
	0.003201	0.007804	-0.027615	-0.051506	-0.005338	0.007795
	-0.031270	-0.022115	-0.011084	0.000511	-0.005320	-0.015291
	0.011976	0.028470	-0.008589	-0.022955	-0.005205	0.008811
	-0.004941					
x420	-0.024352	-0.019108	0.018997	0.019204	-0.039599	-0.022230
	-0.002835	0.062541	0.021395	-0.010179	0.013221	0.005848
	0.020382	-0.010454	-0.031989	-0.037104	-0.020427	0.038698
	-0.029208	0.017760	0.006056	0.011108	0.050043	0.025752
	0.008951	0.014593	0.011559	0.018728	-0.038630	-0.009859
	0.023536					
y420	-0.008238	-0.003528	0.016430	0.005526	-0.033759	0.002843
	0.014651	0.000793	0.004286	-0.012136	0.005722	0.005081
	0.005967	-0.013948	-0.003940	0.021103	-0.008360	0.024987
	0.024682	0.016912	0.016143	0.008455	0.015903	0.015651
	-0.016283	0.002816	0.001304	0.020398	-0.021595	-0.006548
	0.015178					
z420	-0.008107	-0.001702	-0.013682	0.007489	0.043536	-0.011343
	-0.034224	0.053330	0.019211	0.009454	-0.011948	-0.022256
	0.006649	0.011382	-0.024586	-0.049570	-0.003956	0.014151
	-0.031370	-0.018275	-0.011618	-0.013352	-0.014800	-0.027149
	0.021732	0.018557	-0.007421	-0.024064	0.005890	0.005787
	0.012828					
x421	-0.024085	-0.019163	0.020442	0.020608	-0.039366	-0.020061
	-0.003234	0.060451	0.021547	-0.010429	0.011511	-0.002814
	0.027039	-0.007665	-0.027106	-0.038558	-0.017126	0.040533
	-0.024522	0.027267	0.008574	0.002818	0.045623	0.027018
	0.006407	0.011975	-0.006335	0.017346	-0.031342	0.005787
	0.026900					
y421	-0.004448	-0.003097	0.018306	0.003787	-0.030606	0.005945
	0.010599	-0.004185	0.000416	-0.002930	0.007205	0.006805
	0.006224	-0.004075	-0.005360	0.020983	-0.003826	0.018920
	0.023247	0.016727	0.013329	0.013968	0.014552	0.007831
	-0.008366	-0.000614	-0.009690	0.020989	-0.013284	0.014187
	0.007563					
z421	-0.009538	0.003511	-0.018197	0.006096	0.051387	-0.006292
	-0.027221	0.047525	0.013216	0.002426	-0.025961	-0.024729
	0.011214	0.008192	-0.019622	-0.038608	-0.002940	0.000785
	-0.031838	-0.026075	-0.014957	-0.015194	-0.009557	-0.032023
	0.014888	0.028828	-0.003278	-0.047759	0.008202	-0.016124
	0.012156					

x422	-0.022248	-0.016111	0.021166	0.023810	-0.035771	-0.014381
	-0.001869	0.057360	0.016060	-0.011622	0.005986	-0.007595
	0.033703	-0.006312	-0.021699	-0.033780	-0.010350	0.034118
	-0.026368	0.030029	0.012208	-0.003243	0.047740	0.023245
	0.003888	0.014750	-0.023000	-0.007560	-0.023939	0.003813
	0.032553					
y422	-0.000329	-0.002357	0.020110	0.003221	-0.026275	0.013378
	0.009486	-0.007898	-0.008336	0.000504	0.000691	0.014069
	0.009110	-0.000097	-0.008948	0.026446	0.001560	0.009417
	0.020382	0.004152	0.011395	0.015299	0.019372	0.008411
	-0.008759	0.000800	-0.013106	0.008574	-0.004427	0.012261
	0.009545					
z422	-0.012156	0.006689	-0.016884	0.000767	0.052247	-0.007640
	-0.021904	0.045176	0.020683	0.006121	-0.026659	-0.031720
	0.003743	0.014064	-0.017452	-0.036802	-0.004181	0.007493
	-0.021577	-0.013795	-0.023067	-0.016286	-0.021643	-0.028971
	0.015608	0.016836	0.004868	-0.035475	0.009580	-0.010946
	0.005950					
x423	-0.020537	-0.014191	0.020848	0.024380	-0.033113	-0.011813
	-0.000982	0.050447	0.011091	-0.011726	0.002447	-0.018297
	0.042262	-0.006041	-0.018178	-0.030132	-0.006231	0.024590
	-0.032783	0.040813	0.010651	-0.010710	0.045315	0.018511
	0.000396	0.017015	-0.030784	-0.027265	-0.022196	0.000113
	0.028513					
y423	0.004122	-0.001964	0.004739	-0.001451	-0.014250	0.014627
	0.010327	-0.018161	-0.008175	0.001447	0.001679	-0.010480
	0.004699	0.000678	-0.004326	0.012092	0.019758	-0.002298
	0.002513	0.008163	0.016257	-0.009627	-0.008137	0.000399
	-0.023203	-0.011339	0.001996	0.009971	0.000758	0.003239
	0.006468					
z423	-0.012974	0.013938	-0.020292	-0.001964	0.057377	-0.005927
	-0.015134	0.047232	0.027365	0.009393	-0.028629	-0.027128
	-0.000364	0.010513	-0.012365	-0.033625	-0.006033	0.010584
	-0.013575	-0.011699	-0.024239	-0.015879	-0.023901	-0.030294
	0.020927	-0.005523	0.011300	-0.028317	0.006920	-0.020480
	0.008723					
x424	-0.019482	-0.010046	0.025862	0.022370	-0.031269	-0.007301
	-0.001158	0.050231	0.010054	-0.005517	-0.002327	-0.018432
	0.038824	-0.000683	-0.017148	-0.020755	-0.000001	0.029719
	-0.025913	0.038817	0.001082	-0.007052	0.048484	0.023357
	-0.003051	0.020532	-0.028618	-0.041616	-0.007122	0.002987
	0.026098					

y424	0.006099	0.000197	-0.000558	-0.004414	-0.007706	0.013258
	0.003020	-0.015577	-0.010604	-0.000111	0.001151	-0.008190
	0.004630	-0.003063	-0.005740	0.003448	0.017349	-0.012205
	0.008034	-0.001175	0.015077	-0.000862	-0.009145	0.000150
	-0.009590	-0.021732	0.007226	0.017688	-0.000748	0.010697
	-0.004820					
z424	-0.017106	0.022505	-0.024762	-0.006847	0.060263	-0.004268
	-0.007008	0.043845	0.024084	0.010424	-0.029788	-0.023881
	-0.002401	0.006087	-0.002396	-0.021976	-0.006341	-0.008918
	-0.016715	-0.010907	-0.027618	-0.021706	-0.024878	-0.045038
	0.003762	-0.005289	0.020019	-0.038126	-0.005767	-0.025187
	0.007465					
x425	-0.014567	-0.006959	0.026739	0.017416	-0.031989	-0.008086
	-0.006428	0.039403	0.006562	0.004868	-0.007851	-0.018778
	0.043465	0.004985	-0.011939	-0.004539	-0.001161	0.018621
	-0.018310	0.043629	-0.013338	-0.008538	0.051688	0.034918
	0.001356	0.024864	-0.013261	-0.055131	-0.008562	0.015917
	0.021913					
y425	0.007424	-0.000011	0.003559	-0.006229	-0.008931	0.009408
	-0.004156	-0.013006	-0.006900	0.003495	0.008053	0.017310
	-0.005471	-0.001803	-0.012698	0.002084	0.009289	-0.000083
	0.026402	-0.014601	0.006215	0.025883	-0.010370	-0.005101
	0.004825	-0.009808	-0.006618	0.032609	-0.005472	0.010465
	-0.017020					
z425	-0.018603	0.023320	-0.023245	-0.010729	0.057635	-0.004536
	0.000058	0.044259	0.020902	0.021149	-0.032183	-0.027245
	-0.013494	0.002193	0.005828	-0.013362	-0.005648	-0.003153
	-0.011784	-0.002774	-0.039659	-0.006192	-0.005153	-0.032659
	0.008479	-0.010089	0.024764	-0.040783	-0.007421	0.002602
	0.000927					
x426	-0.007778	-0.005058	0.020562	0.004380	-0.031771	-0.006081
	-0.010883	0.029378	-0.001999	0.003443	-0.010006	-0.023853
	0.053448	0.010087	-0.001352	0.000981	0.006929	0.014781
	-0.027517	0.051106	-0.008197	-0.007598	0.051963	0.040837
	0.013361	0.023568	-0.006315	-0.062577	-0.016135	0.007512
	-0.000490					
y426	0.009628	0.001107	-0.002684	-0.007907	-0.000494	0.005259
	0.002591	-0.017141	-0.003856	-0.005146	0.015136	0.017352
	-0.018082	-0.006997	-0.007350	-0.003189	0.015628	-0.000144
	0.011377	-0.025019	0.011711	0.024020	-0.018525	-0.010352
	-0.003127	-0.012410	0.002492	0.035072	0.003583	-0.002392
	-0.008178					

z426	-0.018607	0.025173	-0.020199	-0.009645	0.049896	-0.003059
	0.001363	0.046031	0.019889	0.017242	-0.033750	-0.008936
	-0.028030	0.005803	-0.010076	-0.000793	-0.012735	0.003184
	0.003277	-0.018629	-0.045470	-0.005954	-0.009605	-0.029474
	0.006273	-0.010335	0.002201	-0.043954	-0.018907	0.025318
	-0.012381					
x427	-0.003604	-0.001394	0.013963	-0.005191	-0.026415	-0.006380
	-0.010830	0.029607	-0.010292	-0.001257	-0.012106	-0.021791
	0.050110	0.013917	-0.000423	-0.004140	0.016072	0.011640
	-0.033156	0.044254	0.002141	-0.008960	0.044169	0.030695
	0.015394	0.020286	0.002977	-0.065972	-0.002075	-0.004993
	0.001521					
y427	0.009979	0.000024	-0.013380	-0.004889	0.008456	0.000694
	0.007624	-0.014002	-0.002067	-0.015427	0.017285	0.010425
	-0.020128	-0.011250	-0.005326	-0.014407	0.013943	-0.013062
	0.006685	-0.031877	0.012542	0.015722	-0.023702	-0.007130
	-0.012382	-0.023860	0.008047	0.038410	0.012039	-0.001661
	0.003712					
z427	-0.019939	0.027474	-0.022194	-0.005743	0.039094	-0.003901
	0.004649	0.050654	0.017160	0.014573	-0.029500	-0.007619
	-0.035697	0.016695	-0.007156	0.012232	-0.019663	0.008074
	0.016425	-0.018274	-0.042182	-0.001889	-0.017161	-0.023208
	0.002684	-0.008742	0.007225	-0.048516	-0.014602	0.044189
	-0.021445					
x428	-0.003404	0.001895	0.011783	-0.010412	-0.023717	-0.005701
	-0.007979	0.021064	-0.013177	0.001703	-0.008480	-0.016417
	0.041852	0.014144	0.005542	-0.009072	0.023636	0.018667
	-0.023147	0.030997	0.009021	0.000037	0.028991	0.014734
	0.015924	0.018616	0.019698	-0.058343	0.014839	-0.011197
	0.000447					
y428	0.007335	0.000469	-0.019174	-0.000026	0.018709	-0.002670
	0.018284	-0.020142	0.002133	-0.020495	0.020283	0.006476
	-0.023228	-0.015509	-0.000679	-0.018627	0.013742	-0.028907
	0.012860	-0.034628	0.009423	0.008388	-0.021938	-0.011324
	-0.022111	-0.031439	0.002673	0.054434	0.022191	0.007133
	0.025263					
z428	-0.020173	0.033310	-0.036723	-0.008031	0.035200	-0.012313
	0.018428	0.037792	0.013059	0.003167	-0.026848	-0.030562
	-0.022764	0.023675	0.005451	0.016374	-0.019258	-0.022490
	-0.000102	0.007561	-0.026103	-0.021594	-0.006050	-0.036168
	-0.000885	-0.027562	0.000379	-0.020177	0.019268	0.060691
	0.010254					

x429	-0.001234	0.001981	0.010313	-0.011905	-0.021943	-0.005526
	-0.003742	0.010051	-0.007662	0.003140	-0.008095	-0.013234
	0.033537	0.015671	0.009960	-0.007367	0.018772	0.015919
	-0.014745	0.018329	0.014321	0.004467	0.013706	0.010621
	0.020361	0.023261	0.029612	-0.062919	0.015231	-0.024607
	-0.007017					
y429	0.003083	0.001500	-0.018039	0.010814	0.022857	-0.006179
	0.023465	-0.019244	0.013722	-0.021019	0.019833	0.007503
	-0.031728	-0.027655	-0.004847	-0.015436	0.005798	-0.034172
	0.019608	-0.040883	-0.006376	-0.000550	-0.014357	-0.005081
	-0.032736	-0.026240	-0.003200	0.053122	-0.005101	0.014583
	0.025494					
z429	-0.020284	0.033104	-0.038121	-0.011347	0.029083	-0.017452
	0.020105	0.032414	0.002459	0.007549	-0.033075	-0.035645
	-0.012986	0.011165	0.005171	0.024528	-0.008809	-0.026732
	-0.003884	0.006938	-0.009457	-0.021167	-0.022232	-0.042133
	-0.000313	-0.025304	0.016068	-0.035890	0.010535	0.050501
	0.016805					
x430	-0.001026	0.002020	0.001509	-0.011353	-0.017034	-0.009782
	-0.000760	0.007889	0.002136	-0.004867	-0.007615	-0.014448
	0.027543	0.015531	0.009883	-0.004312	-0.000707	0.005266
	-0.010354	0.020281	0.016598	0.000846	0.012028	0.010813
	0.005832	0.002923	0.008983	-0.026351	0.020613	-0.043985
	0.003846					
y430	0.001245	0.001512	-0.021842	0.017825	0.030121	-0.011996
	0.029422	-0.014459	0.016057	-0.025612	0.018376	0.005864
	-0.034241	-0.025690	-0.005779	-0.005181	0.004550	-0.047324
	0.023732	-0.030751	-0.013270	-0.011894	-0.001189	0.000609
	-0.039165	-0.026689	-0.028152	0.056950	-0.010589	0.021675
	0.037389					
z430	-0.019583	0.028891	-0.037253	-0.017144	0.021991	-0.016642
	0.020133	0.032334	-0.006638	0.005562	-0.028263	-0.029769
	-0.010835	0.014097	0.002013	0.029755	-0.003856	-0.027502
	-0.005645	0.002734	0.002035	-0.021540	-0.030810	-0.047422
	0.002318	-0.027550	0.029576	-0.037508	0.021030	0.045724
	0.021363					
x431	-0.002552	0.003287	-0.003325	-0.010317	-0.005294	-0.012767
	0.003807	0.001096	0.003172	-0.009677	-0.008866	-0.012487
	0.010488	0.015664	0.012905	-0.007321	-0.004922	-0.005342
	-0.004160	0.013014	0.018185	-0.002985	0.018951	0.004679
	-0.009663	0.013039	-0.010111	-0.009819	0.011302	-0.062562
	0.006703					

y431	-0.000420	0.001706	-0.024204	0.018851	0.034059	-0.015400
	0.028362	-0.009884	0.012331	-0.027732	0.020358	0.008423
	-0.034614	-0.028821	-0.005136	-0.000652	0.002416	-0.050840
	0.021257	-0.023905	-0.019784	-0.015973	0.004097	0.009674
	-0.041277	-0.025011	-0.028467	0.055072	-0.004759	0.029079
	0.045281					
z431	-0.017739	0.026067	-0.036915	-0.021774	0.015249	-0.013076
	0.016592	0.035396	-0.013107	0.002815	-0.020069	-0.027934
	-0.005878	0.015195	-0.002732	0.025495	-0.001382	-0.032503
	-0.017169	0.003697	0.002492	-0.014352	-0.035066	-0.049493
	0.012775	-0.038611	0.041160	-0.040393	0.052129	0.055168
	0.028580					
x432	-0.003038	0.003623	-0.005724	-0.009198	-0.003489	-0.009250
	0.004636	0.001294	0.002177	-0.006367	-0.005997	-0.011396
	-0.001170	0.009411	0.010703	-0.000251	0.001887	-0.015579
	-0.001715	-0.007797	0.009680	0.004886	0.014666	-0.005383
	-0.013658	0.007444	-0.016892	0.001752	0.009696	-0.027190
	-0.004559					
y432	-0.002259	0.002524	-0.026886	0.015259	0.034215	-0.014692
	0.025809	-0.006082	0.007733	-0.022497	0.026419	0.009680
	-0.026267	-0.034421	-0.003197	0.010822	0.006747	-0.058005
	0.016823	-0.017418	-0.023880	-0.015771	-0.006312	0.014177
	-0.029928	-0.035882	-0.021479	0.039707	-0.002347	0.065620
	0.040623					
z432	-0.016947	0.023459	-0.036286	-0.030777	0.005339	-0.004500
	0.011662	0.026409	-0.019200	0.008624	-0.013255	-0.034088
	0.001230	0.011720	-0.003382	0.021913	0.011085	-0.045671
	-0.026533	0.000658	0.006435	-0.000292	-0.051531	-0.063138
	0.020016	-0.060497	0.040161	-0.038839	0.059381	0.081716
	0.018703					
x433	-0.002648	0.002103	-0.011872	-0.009883	-0.006794	-0.009012
	0.002433	0.012201	0.002147	0.001283	0.003188	-0.004717
	-0.006965	0.000228	-0.001293	0.016046	-0.004942	-0.025130
	0.005798	-0.028758	-0.002503	0.010869	0.001546	-0.003156
	-0.001550	-0.026575	-0.006594	0.000194	0.010369	0.065572
	-0.017327					
y433	-0.003826	0.001410	-0.027443	0.010307	0.035742	-0.020303
	0.022716	-0.003506	0.003808	-0.022396	0.031217	0.013143
	-0.020016	-0.036411	-0.003393	0.019744	0.016726	-0.058771
	0.004302	-0.008550	-0.019788	-0.027332	-0.007405	0.024717
	-0.015544	-0.043910	-0.012886	0.029213	-0.008138	0.073820
	0.030591					

z433	-0.014008	0.018542	-0.033734	-0.037341	-0.002933	-0.002484
	0.008207	0.028448	-0.024734	0.000120	0.003662	-0.025637
	-0.000543	0.009424	-0.010819	0.002761	0.026931	-0.044346
	-0.023514	0.005347	-0.000652	0.000131	-0.040865	-0.075231
	0.017248	-0.045015	0.041951	-0.024379	0.047371	0.069998
	-0.001223					
x434	0.004783	-0.004743	-0.015866	-0.006061	0.003034	0.003234
	0.008063	0.012047	-0.007309	-0.018156	0.019452	0.009417
	0.011231	-0.032553	0.003637	-0.017770	0.027588	-0.050238
	0.014974	-0.000392	-0.012972	-0.011311	-0.013840	0.012105
	0.005779	0.022570	0.037069	0.031729	-0.017493	0.033867
	-0.033352					
y434	-0.004220	0.000933	-0.020068	0.007987	0.033295	-0.031949
	0.019783	0.004170	0.001420	-0.032284	0.020042	0.012609
	-0.012639	-0.031075	-0.014401	0.024246	0.010904	-0.034219
	0.012008	0.022037	-0.012281	-0.029246	0.007970	0.014619
	-0.024684	-0.013500	-0.014028	0.025100	-0.012797	0.013472
	0.051523					
z434	-0.011678	0.018852	-0.033552	-0.040862	-0.019264	-0.002513
	-0.001118	0.032612	-0.024218	-0.016251	0.006971	-0.028367
	0.002615	0.006464	-0.012212	0.007159	0.009881	-0.018913
	-0.000282	0.007323	0.001864	-0.000661	-0.035729	-0.095675
	-0.003857	-0.031278	0.050816	-0.012162	0.052708	0.028804
	-0.013836					
x435	0.002712	-0.007571	-0.012498	-0.003146	0.026965	-0.007402
	0.005931	0.013295	-0.014515	-0.022339	0.016023	0.005567
	0.007938	-0.040888	0.006413	-0.006799	0.015012	-0.048534
	0.029338	0.020410	-0.017169	-0.026967	-0.010839	0.021083
	0.003759	0.016061	0.031646	0.024061	-0.031875	0.014542
	-0.002257					
y435	-0.002266	-0.001953	-0.031467	-0.004546	0.007516	-0.043971
	0.024421	-0.002456	-0.003150	-0.013367	0.034653	0.004094
	-0.003536	-0.020896	-0.020170	0.024368	0.041623	-0.026201
	-0.026740	-0.030539	-0.000458	-0.027330	-0.002080	0.029010
	0.006003	0.005246	-0.036652	0.023907	0.004617	0.010473
	-0.003525					
z435	-0.014270	0.016044	-0.037603	-0.041042	-0.019014	-0.012671
	0.001644	0.021443	-0.020218	-0.006594	-0.004254	-0.027143
	0.004396	-0.001660	-0.014492	0.024481	-0.010365	-0.003531
	-0.008879	-0.030618	0.018303	-0.004703	-0.042444	-0.069511
	0.002534	-0.044698	0.061355	-0.031222	0.048919	0.025181
	-0.025698					

x436	0.001697	-0.012490	-0.020739	-0.009093	0.021929	-0.022601
	0.011957	0.012256	-0.023003	-0.015223	0.011070	0.007724
	0.007479	-0.031368	0.007887	0.020300	0.007254	-0.014101
	0.023426	0.012771	0.007235	-0.035970	-0.018840	0.010239
	-0.006589	0.006608	-0.019774	0.020891	-0.028903	0.006226
	0.025293					
y436	0.003268	-0.006428	-0.043152	-0.019067	0.000060	-0.039430
	0.044106	-0.010079	-0.005845	-0.003989	0.041101	-0.005016
	0.004216	-0.024924	-0.048459	-0.006525	0.046710	-0.031653
	-0.047905	-0.040578	0.025457	-0.020264	-0.001168	0.051727
	0.007024	0.056645	-0.057057	0.023541	0.003796	0.005474
	-0.044203					
z436	-0.013474	0.006035	-0.033001	-0.034095	-0.039195	-0.022723
	0.004333	0.016188	-0.011694	0.014686	0.000709	0.012612
	-0.001941	-0.001087	-0.017552	0.054207	0.004087	0.036115
	-0.011195	-0.088593	0.019778	0.022301	-0.031731	-0.060118
	0.013644	-0.021604	0.005724	-0.033142	0.046247	0.014672
	-0.084149					
x437	0.002293	-0.013513	-0.036811	-0.025081	0.013508	-0.037019
	0.033587	0.002990	-0.028338	0.000330	0.019395	0.005697
	0.022996	-0.017430	-0.016503	0.030819	0.005071	0.000064
	-0.017663	0.005401	0.045701	-0.040089	-0.043005	0.034902
	-0.013293	0.008980	-0.048890	0.033492	-0.033696	0.012125
	0.030916					
y437	-0.001428	-0.002153	-0.027248	-0.026742	-0.005320	-0.025295
	0.027940	-0.002398	0.007605	0.009060	0.025946	-0.003427
	-0.012344	-0.015034	-0.058656	0.012161	0.004329	0.004079
	-0.013074	-0.042450	0.025579	0.005042	0.004705	0.020642
	-0.000948	0.049672	-0.068098	0.004588	-0.000718	0.017945
	0.010370					
z437	-0.013069	0.002154	-0.028489	-0.031940	-0.055711	-0.010328
	0.009142	0.010974	-0.007990	0.036594	0.014330	0.044841
	0.006042	0.007479	-0.026660	0.073040	0.013094	0.056838
	-0.015938	-0.104949	0.013818	0.038796	-0.022029	-0.028591
	0.040102	0.006650	-0.021869	-0.005467	0.014055	-0.004402
	-0.050028					
x438	0.004593	-0.014561	-0.052415	-0.037562	0.015454	-0.056705
	0.038493	0.002285	-0.030936	0.001512	0.027837	-0.016044
	0.022299	-0.023034	-0.026926	0.036134	0.009007	-0.003720
	-0.053262	-0.019956	0.057684	-0.051162	-0.042399	0.043366
	-0.010960	0.007705	-0.078299	0.022216	-0.027149	0.005137
	0.014157					

y438	0.001031	-0.003187	-0.012141	-0.025197	0.007400	-0.022114
	0.003696	0.009539	0.008870	0.009120	0.004879	-0.001238
	-0.010344	-0.019258	-0.062526	0.016296	0.010563	0.022386
	0.001994	-0.024157	0.007609	0.027312	0.001884	0.033211
	0.004177	0.028720	-0.017424	-0.007732	0.005875	0.027698
	0.025814					
z438	-0.005934	0.003983	-0.046309	-0.034966	-0.046685	-0.005582
	0.028351	-0.005465	-0.020124	0.019855	0.016406	0.018260
	0.012207	0.002844	-0.027454	0.042772	0.011619	0.010699
	-0.051807	-0.067003	0.067019	-0.004100	-0.048674	-0.003039
	0.028679	-0.004743	-0.021513	0.004865	0.007326	0.002394
	-0.070979					
x439	0.003426	-0.022640	-0.046990	-0.041338	0.006527	-0.059168
	0.021597	0.010530	-0.021021	-0.007635	0.008478	-0.031602
	-0.010347	-0.014666	-0.033742	0.033470	0.020597	0.009194
	-0.058870	-0.038947	0.056403	-0.052720	-0.022889	0.035594
	-0.004214	-0.020091	-0.091452	-0.019485	0.018815	0.012151
	0.002916					
y439	0.004986	-0.002678	-0.015752	-0.027421	0.008783	-0.004917
	-0.011479	0.016416	0.001408	-0.025374	-0.013891	-0.026649
	0.003745	-0.028182	-0.034307	0.004802	0.010480	-0.003173
	0.004637	0.017210	0.046943	-0.005403	-0.022818	-0.004735
	-0.019725	-0.022100	0.001148	-0.018958	0.003885	0.012976
	0.039147					
z439	-0.005256	0.003576	-0.042218	-0.024858	-0.046145	0.002404
	0.041735	-0.017069	-0.019480	0.007817	-0.000411	0.025333
	0.005769	0.008704	-0.043812	0.010043	-0.002139	-0.013831
	-0.070143	-0.028394	0.084578	-0.001358	-0.035634	0.016657
	0.006807	-0.030557	-0.012867	-0.010669	-0.010813	0.046110
	-0.046318					
x440	0.004845	-0.024526	-0.039913	-0.038242	0.009749	-0.058190
	0.017108	0.018200	-0.004659	-0.012839	0.004280	-0.035143
	-0.029812	-0.006512	-0.044019	0.002771	0.040217	-0.018782
	-0.045447	-0.016838	0.031695	-0.046610	-0.023219	0.075274
	-0.011861	-0.001045	-0.039827	-0.014701	0.017338	0.028927
	0.008246					
y440	0.001495	-0.001771	-0.010503	-0.013657	0.012994	0.001563
	-0.012217	0.022735	-0.013310	-0.026376	0.020732	-0.003741
	-0.002078	-0.005424	0.035299	-0.006970	-0.007578	-0.020525
	0.017744	0.061873	0.026529	-0.050971	-0.044631	-0.037199
	0.006752	-0.049156	0.043771	-0.008619	-0.037251	-0.045462
	0.008484					

z440	-0.009883	0.003148	-0.020787	-0.007714	-0.040811	0.010522
	0.035410	-0.015248	-0.006176	0.016279	-0.015045	0.051296
	-0.006832	0.019450	-0.050663	0.027883	-0.021933	0.000112
	-0.032306	-0.008400	0.052390	0.029829	-0.017723	0.031132
	0.006900	-0.009482	0.000521	-0.005437	-0.013681	0.068646
	0.008922					
x441	0.002394	-0.023034	-0.033328	-0.035731	0.015844	-0.071307
	0.014352	0.035791	-0.007833	0.006993	0.024362	-0.004896
	-0.059818	0.006102	-0.006761	0.005419	0.008220	0.022561
	0.037072	0.003504	-0.034334	-0.012322	-0.026192	0.065142
	-0.005718	0.052139	0.004454	0.024836	-0.004789	0.008228
	0.019475					
y441	0.001180	-0.001186	0.018932	0.014600	0.002132	0.029223
	-0.032027	0.000781	-0.004509	-0.012119	0.001122	0.020652
	0.006680	-0.004492	0.053302	0.000002	0.034464	-0.012568
	0.025978	0.026602	-0.033108	-0.021017	0.009154	-0.006738
	0.054251	-0.025431	0.054699	0.003252	-0.002910	-0.056287
	-0.012802					
z441	-0.012741	-0.007889	-0.024546	-0.001846	-0.021893	-0.002653
	0.025597	0.003771	-0.012281	0.012772	0.018735	0.063165
	-0.032380	0.010541	-0.022696	0.018110	-0.026802	-0.013260
	0.017797	-0.015380	-0.031529	0.040714	-0.000887	0.016411
	0.010733	0.051578	0.060184	0.018570	-0.031862	0.076664
	0.028423					
x442	0.013987	-0.018839	-0.020558	-0.024001	0.002381	-0.035943
	-0.019321	0.032589	0.002251	-0.041925	-0.021546	-0.027375
	-0.016186	-0.018568	0.002051	0.010161	0.033925	0.015866
	0.034881	0.025912	-0.012481	-0.001082	-0.013463	0.024890
	-0.000721	0.015100	-0.009434	0.018852	0.009751	0.000744
	0.004831					
y442	-0.000579	0.010813	0.016494	0.022019	-0.013916	0.034114
	-0.018049	-0.010359	-0.002234	-0.017118	-0.012356	0.021414
	0.032320	0.011851	0.012362	0.035860	0.004018	-0.008786
	0.025883	0.048722	-0.012369	0.017442	0.002630	0.012164
	0.009255	0.013171	0.048159	0.045573	-0.007837	-0.022348
	-0.043348					
z442	-0.011388	-0.016928	-0.018691	-0.012438	-0.014033	0.001040
	-0.007440	0.012165	-0.016909	-0.011229	0.006235	0.042759
	-0.009730	-0.014952	-0.015527	0.007540	-0.001332	-0.021304
	-0.013477	-0.027037	-0.010193	0.011289	-0.017133	-0.003796
	0.005926	0.017815	0.025392	-0.012619	-0.043023	0.080209
	0.035249					

x443	0.011790	-0.030717	-0.036221	-0.028085	0.009964	-0.047086
	-0.008995	0.026790	-0.024745	-0.041868	0.018643	-0.007812
	-0.038660	-0.024572	-0.006530	-0.031602	0.036808	-0.040331
	-0.019070	0.016640	-0.035213	-0.014248	-0.012002	0.015859
	0.005097	0.032064	0.018166	0.003078	0.007069	0.000676
	-0.047535					
y443	-0.011674	0.019190	0.000825	0.009454	-0.020308	0.025751
	-0.002392	-0.017826	-0.002683	0.006085	-0.009927	0.022888
	0.042402	0.003509	0.013145	0.074938	-0.045706	-0.021671
	-0.004502	0.028933	0.007733	-0.016729	-0.015904	0.004200
	-0.007402	0.018776	0.009810	0.034768	-0.029398	-0.042355
	-0.011154					
z443	-0.013188	-0.007342	-0.021685	-0.017195	-0.014885	-0.018519
	-0.012771	-0.020560	-0.012716	-0.021724	-0.019094	0.005405
	-0.011902	0.006650	-0.004617	0.009152	-0.016016	-0.006379
	0.023350	0.003306	0.062091	-0.011064	-0.047465	-0.007539
	-0.012747	0.009413	-0.000352	-0.031031	0.022525	0.069831
	-0.037954					
x444	-0.001969	-0.024491	-0.029291	-0.036044	0.001511	-0.025914
	0.006011	0.020385	-0.010322	-0.013389	0.002819	-0.032299
	-0.047060	-0.044605	0.005312	-0.023775	0.045786	-0.032586
	-0.062237	-0.030788	-0.049266	-0.022615	0.029107	0.025584
	0.008199	0.018447	0.005888	-0.046822	0.034985	0.004789
	-0.009063					
y444	-0.019768	0.023807	0.006726	0.033900	-0.012837	0.028037
	-0.003192	-0.043794	0.012011	0.015301	0.020013	0.002747
	0.054650	0.005201	-0.019531	0.046379	-0.020229	-0.028695
	0.002465	-0.006012	0.042466	-0.031683	-0.030828	0.017680
	-0.000140	0.037026	0.006379	0.000124	0.027211	-0.006947
	-0.054390					
z444	0.000275	-0.015457	-0.015630	-0.055025	-0.017621	-0.045802
	-0.016720	0.010129	-0.004900	-0.026847	-0.052776	0.014553
	-0.044846	-0.021602	0.028634	0.020125	-0.012462	0.026537
	0.013635	0.064219	0.010555	-0.037839	-0.039760	0.031788
	0.076434	-0.048297	-0.000298	0.019952	-0.020263	0.010988
	0.035734					
x445	-0.004207	-0.021681	-0.014862	-0.012088	-0.002270	-0.000084
	-0.005778	-0.001764	-0.023198	-0.005867	0.032715	-0.013204
	0.007275	-0.020260	0.045853	-0.031608	0.019451	-0.009146
	-0.032368	0.002937	0.009305	-0.044076	-0.008717	0.051672
	0.057330	0.015430	-0.010921	-0.008738	0.001427	0.047067
	-0.001840					

y445	-0.018993	0.020745	-0.003361	0.017411	-0.012006	0.023207
	0.002075	-0.040412	0.018178	0.022052	0.011496	-0.013352
	0.042689	-0.019485	-0.018033	0.055336	0.001238	-0.044831
	-0.024829	-0.027835	0.029567	-0.071563	-0.023090	0.029729
	0.049282	0.052283	-0.013415	-0.009949	0.051586	-0.061163
	-0.047115					
z445	-0.024600	-0.006641	-0.021898	-0.030926	-0.004269	-0.003832
	-0.009613	-0.008195	0.015383	-0.011371	0.029241	-0.042837
	-0.045576	-0.013175	0.031276	0.037294	0.054125	0.059085
	0.024654	-0.011918	0.067185	-0.043825	-0.062544	0.019048
	0.067095	0.037405	-0.014492	0.025878	-0.007779	0.012764
	0.045824					
x446	-0.009964	-0.003818	-0.003642	-0.015117	0.002826	-0.011526
	0.005715	-0.007693	0.004427	0.000861	0.000638	0.005188
	0.010930	0.004806	0.033874	-0.017454	-0.023486	0.001004
	-0.023318	-0.001260	-0.002443	-0.050732	0.019261	0.010696
	0.027034	-0.004653	0.025702	-0.046859	-0.019592	0.097133
	0.012796					
y446	-0.018398	0.016860	-0.007047	0.026257	-0.004252	0.017677
	0.010771	-0.033117	0.007194	0.009014	-0.000203	-0.012216
	0.057487	-0.025858	-0.001982	0.048445	-0.010507	-0.013868
	-0.024781	0.003792	0.030614	-0.057138	-0.027912	0.004533
	0.027162	0.035645	0.017903	-0.043153	0.069174	-0.022192
	0.014548					
z446	-0.011631	-0.001147	-0.005704	-0.035254	-0.017657	0.009030
	-0.007162	0.003846	0.014090	-0.016571	0.017405	-0.005279
	-0.016888	0.018583	0.066530	-0.000056	0.002300	-0.011083
	0.047010	0.013150	0.002002	0.032389	0.001209	-0.015710
	0.011684	0.038849	0.038172	0.012805	-0.032129	0.044752
	0.016034					
x447	-0.012273	-0.004721	-0.001487	-0.012205	-0.009487	-0.000044
	0.008056	-0.013250	-0.001212	-0.006907	0.004844	0.012718
	0.023836	-0.001171	0.025711	-0.005936	0.003526	-0.017420
	-0.018609	0.016653	-0.001972	-0.044369	-0.003146	-0.025570
	0.027533	0.058987	0.061570	-0.025386	-0.002521	0.063984
	0.018277					
y447	-0.006118	0.011819	0.001562	0.010881	0.002972	0.017894
	0.009459	-0.009303	0.008745	0.004668	0.008765	-0.019176
	0.057910	-0.016446	0.021501	0.016388	-0.009343	0.015042
	-0.005732	0.013197	0.027242	-0.046034	-0.011553	0.023510
	0.018084	0.021064	0.026268	-0.039073	0.045169	-0.006879
	0.006646					

z447	-0.005521	-0.004055	-0.012709	-0.029533	-0.022475	-0.001695
	0.002751	-0.004828	0.003855	-0.014161	0.012859	-0.000628
	-0.000271	0.018474	0.064506	0.009135	-0.012918	-0.030993
	0.002139	0.022917	-0.038657	0.025662	-0.004639	-0.021851
	0.010044	0.031637	0.019588	0.021003	0.001776	0.016685
	0.015167					
x448	-0.018054	-0.007121	0.000549	-0.016029	-0.021175	-0.004820
	0.004307	-0.006739	0.011928	-0.004632	0.001518	0.009826
	0.020024	0.012041	0.009801	0.009391	0.003918	-0.018919
	-0.009718	0.015406	-0.011506	-0.025676	0.002300	-0.024247
	0.039133	0.058108	0.052381	-0.021968	0.015759	0.057385
	0.015686					
y448	0.000193	0.007536	-0.005575	0.006192	0.010358	0.014791
	0.015407	-0.015638	0.002796	-0.003382	0.001149	-0.025141
	0.042046	-0.010566	0.033445	0.007926	-0.008031	0.023494
	-0.035898	0.011589	0.014394	-0.050613	-0.010373	0.021735
	-0.019135	-0.010358	0.015682	-0.061099	0.022192	-0.004738
	0.008292					
z448	-0.000606	-0.003666	-0.014084	-0.037952	-0.013182	-0.012033
	0.002234	0.002171	0.012199	-0.017230	0.024811	-0.010097
	-0.010502	0.019653	0.046714	0.012042	0.006110	-0.013836
	0.009677	0.015952	-0.015689	-0.007376	0.002349	-0.003400
	0.019702	0.005126	-0.002589	0.030024	-0.013059	0.016148
	-0.002651					
x449	-0.018706	-0.009881	-0.008536	-0.022719	-0.028974	-0.012346
	0.002921	0.000585	0.014861	-0.000619	-0.008160	0.001866
	0.016532	0.022711	-0.012396	0.011433	0.018546	-0.023291
	0.020539	0.022095	-0.022027	-0.031359	-0.003013	-0.026979
	0.035017	0.049034	0.023920	-0.016231	0.012276	0.066111
	0.005040					
y449	0.007565	0.006429	-0.012563	0.008631	0.022496	0.017610
	0.017132	-0.011977	-0.004439	-0.006426	-0.017801	-0.035976
	0.020618	-0.018752	0.022036	-0.017940	0.007952	0.013812
	-0.045617	0.011255	0.015706	-0.073637	-0.025601	0.012815
	-0.048530	-0.021196	0.022553	-0.055592	0.018336	-0.001117
	0.022397					
z449	-0.002967	-0.002303	0.002681	-0.024596	-0.011343	-0.016873
	0.003427	0.007381	0.012383	-0.008227	0.019734	0.007128
	-0.013558	0.011901	0.030527	0.006707	-0.008504	0.008578
	-0.000178	0.015699	-0.026552	0.013138	0.008498	0.004067
	0.008062	-0.000527	-0.000158	0.028716	-0.012323	0.026689
	-0.002301					

x450	-0.019213	-0.012678	-0.014444	-0.022001	-0.030880	-0.006340
	0.001954	0.003264	0.010802	-0.000721	-0.009072	-0.003877
	0.011834	0.021429	-0.018598	0.019981	0.031203	-0.022969
	0.019985	0.028646	-0.021735	-0.039202	-0.006675	-0.030970
	0.045133	0.049501	-0.000556	-0.001436	0.006230	0.060412
	-0.011376					
y450	0.007417	0.000990	-0.014161	0.014609	0.025227	0.016974
	0.010265	-0.001029	-0.014545	0.005689	-0.026961	-0.027486
	0.009742	-0.020591	0.008533	-0.009633	0.026941	0.006590
	-0.022334	0.011997	0.009702	-0.076970	-0.028391	0.005532
	-0.048967	0.004658	0.009653	-0.067180	0.018858	-0.007698
	0.013011					
z450	-0.003581	-0.002037	0.018412	-0.007110	-0.003485	-0.027486
	-0.006846	0.018458	0.006568	-0.003040	0.006311	0.034559
	-0.021954	-0.000060	0.014420	0.001157	-0.030120	0.045831
	0.017989	0.008060	-0.028698	0.047528	0.008549	0.015149
	0.001380	0.007599	0.019735	0.028100	-0.000864	0.041379
	-0.022653					
x451	-0.012639	-0.015491	-0.027372	-0.035152	-0.042176	0.028574
	0.019539	0.006361	-0.013396	0.029928	-0.004787	-0.014829
	0.012233	0.026284	-0.047192	0.008112	0.028653	0.016882
	0.039340	0.016655	-0.034209	-0.000229	0.009177	0.000678
	0.015145	0.062106	-0.014365	0.007110	-0.009368	0.059905
	0.000156					
y451	0.006785	-0.006734	-0.023446	0.010886	0.015356	0.053983
	0.000834	-0.000652	-0.026332	0.025227	-0.009959	-0.010903
	-0.002153	-0.012953	-0.032122	0.008156	0.051580	0.006487
	0.029922	-0.015544	-0.043426	-0.078893	-0.028338	-0.007664
	-0.030121	0.011798	-0.054626	-0.075068	0.026998	-0.032920
	-0.033430					
z451	0.002026	0.003108	0.032200	0.009264	0.014936	-0.047339
	-0.021688	0.024464	0.004196	0.007126	-0.004693	0.062389
	-0.024539	-0.018071	0.016134	0.020997	-0.032806	0.051292
	0.042798	-0.017278	-0.001420	0.026996	0.003813	0.008404
	0.010392	0.023270	0.021492	0.023325	0.028663	-0.003129
	-0.036283					
x452	-0.028256	-0.024648	-0.041639	-0.076998	-0.072367	0.153495
	0.026852	-0.006273	-0.010496	0.033009	0.038870	-0.036992
	-0.011973	0.090183	-0.038905	-0.004149	0.042806	-0.002458
	-0.052931	-0.010935	-0.012621	0.047055	0.090715	0.001207
	-0.039737	-0.019628	-0.010214	0.000789	-0.054256	0.005057
	-0.009898					

y452	0.007094	-0.018392	-0.054430	-0.030190	0.025895	0.077169
	-0.001483	0.055374	-0.087208	0.059689	-0.065418	0.015644
	0.020873	-0.043096	-0.056427	0.027940	0.020899	0.096155
	0.070432	-0.005150	-0.061633	-0.003783	-0.018382	-0.014719
	-0.007987	0.077566	-0.033935	-0.062656	0.016161	0.041585
	0.003631					
z452	-0.002464	0.021111	0.012718	-0.050138	0.010378	0.049271
	-0.005265	-0.017690	-0.011452	-0.005273	0.043060	0.103025
	0.026645	-0.039886	-0.015578	-0.042537	-0.015495	-0.006659
	-0.014261	0.004949	0.053615	-0.002545	-0.042533	-0.008192
	0.021591	0.036879	-0.007784	-0.022266	0.094802	-0.029238
	-0.092949					
x453	-0.034039	-0.029072	-0.031179	-0.128426	-0.046131	-0.129147
	0.127821	-0.190993	-0.001048	0.215729	0.105199	0.040112
	-0.088818	-0.004249	-0.020860	-0.016884	-0.013352	0.061714
	-0.060084	-0.075430	0.020165	-0.008334	-0.065135	0.084647
	-0.017003	0.031850	0.011510	-0.054350	-0.007008	0.018398
	0.100081					
y453	0.004876	0.106153	0.059023	0.013019	-0.031468	0.006971
	0.001427	0.034953	-0.005186	-0.008137	0.055962	0.088937
	-0.027739	-0.064806	-0.051327	-0.178105	-0.143165	0.066698
	-0.075008	0.068574	-0.007850	-0.091636	-0.022140	-0.037488
	-0.007680	0.158115	-0.089919	0.005023	0.026591	-0.006178
	0.022792					
z453	0.056208	-0.011070	-0.095285	0.165900	-0.047351	0.145467
	-0.070198	0.047774	0.052726	0.082370	0.094885	0.073487
	0.048138	0.063255	0.095890	0.159215	-0.000212	-0.072497
	-0.023925	0.047592	0.045734	0.112647	-0.028414	0.072743
	-0.110702	0.017646	-0.028833	-0.098421	-0.054514	0.034164
	0.027155					
x454	-0.005216	0.024173	0.018815	-0.067056	0.017732	-0.063456
	0.089143	-0.112682	-0.042229	0.082806	0.040611	-0.041742
	-0.061366	-0.037671	-0.019150	-0.061998	-0.058299	-0.001166
	-0.019671	-0.006946	0.028202	-0.068819	0.030278	0.023059
	-0.006886	-0.005285	0.006963	-0.026234	-0.062125	0.007032
	-0.016750					
y454	0.007348	0.062897	0.012556	0.003580	0.000227	-0.013416
	-0.006140	-0.016478	0.033701	-0.031197	-0.023265	-0.032551
	-0.030781	0.057912	-0.001058	0.011647	0.015681	0.008026
	0.039103	-0.092772	0.021600	-0.033316	0.040532	0.037408
	0.006060	0.004845	-0.146951	-0.094365	0.035935	0.012909
	-0.033509					

z454	0.011155	-0.002281	0.011076	0.054589	0.042700	0.096484
	-0.076933	0.063602	-0.066275	-0.034905	-0.045451	0.074113
	0.050376	-0.058480	0.112610	-0.014850	0.119888	0.040622
	0.023135	-0.030527	-0.051850	-0.010340	0.014730	0.050937
	-0.090154	-0.027744	0.074890	-0.014414	0.093481	-0.033629
	-0.046778					
x455	-0.005341	0.023282	-0.017363	-0.000350	-0.004706	-0.046813
	0.070158	-0.017061	-0.028167	0.078113	0.064066	0.009983
	-0.072772	-0.004275	0.006919	-0.019972	-0.077465	0.059318
	-0.044080	-0.100412	0.005529	-0.022405	0.054545	0.135591
	-0.068949	-0.047751	-0.013683	0.009960	0.065638	0.020635
	-0.015286					
y455	0.013505	0.046722	0.034242	-0.013755	-0.023919	0.016484
	0.010567	-0.043379	0.004459	-0.026922	0.015788	-0.019017
	-0.009949	0.008913	0.039828	-0.069859	0.003627	0.023744
	0.054559	0.047141	-0.005370	-0.058336	-0.065844	-0.056647
	0.033811	0.006869	-0.037663	0.001475	-0.071236	-0.027717
	-0.003858					
z455	-0.001430	-0.025589	-0.000803	0.040490	0.006866	0.066764
	-0.026936	0.070314	-0.045212	0.000727	-0.027148	0.029594
	0.051234	-0.078662	0.082544	0.060684	0.139988	0.002472
	0.050715	0.019730	-0.032002	0.011674	0.034249	0.083173
	-0.017309	-0.031659	0.026287	-0.018796	0.027666	-0.017873
	0.033986					
x456	-0.003316	0.010981	0.006125	-0.029610	-0.021312	0.008159
	0.054454	-0.034492	0.002449	0.067481	0.037308	-0.005836
	-0.001595	-0.017267	0.021422	-0.046869	-0.000947	0.025438
	-0.012180	0.017528	0.038446	0.024366	0.056878	0.064052
	-0.058617	0.017836	-0.006140	0.054807	0.013065	0.060705
	0.013089					
y456	-0.001419	0.044353	0.003739	-0.031864	-0.005245	-0.082590
	0.029258	-0.043225	-0.002730	0.035852	0.063218	-0.018326
	-0.074878	0.022664	0.000647	-0.027299	-0.103044	0.045947
	-0.047764	-0.110034	-0.002407	-0.047851	-0.039311	0.011480
	-0.022467	-0.004366	-0.047061	-0.045554	0.003455	-0.036547
	-0.035742					
z456	-0.009950	-0.028702	0.005647	0.005735	0.006152	0.054145
	0.010759	0.021289	-0.047282	0.023927	-0.016289	0.042500
	0.030636	-0.097683	0.046406	0.010522	0.125615	-0.005711
	0.031607	0.047835	0.047418	0.013293	0.029046	0.075007
	-0.014398	0.008716	0.060441	0.008478	0.039886	0.010631
	0.053999					

x457	-0.012732	-0.002619	0.012557	-0.000574	-0.004354	-0.004006
	0.016970	-0.055539	-0.016119	0.044567	0.039517	-0.041716
	0.034451	-0.027627	0.037313	-0.017748	0.031795	0.062580
	0.046850	-0.040213	0.019084	0.009800	0.046323	0.055942
	-0.024164	-0.034406	-0.024459	-0.023529	0.000817	0.030681
	-0.003338					
y457	0.010013	0.047005	0.013677	-0.017962	-0.012032	-0.031001
	-0.023202	-0.041670	0.043752	0.000124	0.007649	-0.001423
	-0.075084	0.001701	0.038539	-0.012863	-0.040626	0.026087
	-0.046833	-0.067270	-0.017905	-0.037844	-0.029181	-0.009567
	-0.015172	-0.024097	-0.051008	-0.034683	0.048973	-0.040680
	-0.044002					
z457	-0.018144	-0.037428	-0.032328	0.014858	-0.008322	-0.006360
	0.003031	0.073924	-0.010057	-0.006403	0.058288	0.020614
	-0.007719	-0.011482	0.005069	0.104226	0.040711	-0.009802
	0.040343	-0.038119	-0.019001	-0.066052	0.063552	0.035054
	-0.023866	-0.058556	0.048607	0.032478	0.078217	0.022975
	0.009904					
x458	-0.007215	-0.010032	0.005859	-0.001031	-0.022238	-0.017630
	0.026000	-0.008628	0.002584	0.025265	0.033048	-0.053353
	0.014540	-0.030160	0.015265	0.025511	0.003408	0.029871
	0.039000	-0.044483	-0.010834	-0.035099	0.051046	0.026094
	0.006451	-0.047239	-0.004747	-0.027437	0.016547	0.025192
	-0.015457					
y458	0.009764	0.043922	0.019944	-0.030636	-0.011727	-0.035634
	0.009147	-0.037480	0.013419	0.006458	0.045341	0.002900
	-0.070791	0.008692	0.028234	-0.040903	-0.059598	0.042036
	-0.015341	-0.035076	-0.006639	-0.037719	-0.028536	0.003371
	-0.020655	-0.000875	-0.028121	0.005962	0.017428	-0.013480
	-0.039975					
z458	-0.016026	-0.042293	-0.030480	0.025698	0.015406	0.032581
	-0.000197	0.012777	-0.011273	0.034730	0.021421	0.039449
	0.025244	-0.035781	0.008325	0.026319	0.072247	0.034767
	0.037183	0.019398	0.042315	-0.007162	0.016863	0.066731
	0.010371	-0.038161	0.023593	0.012826	0.029599	0.008970
	0.035258					
x459	-0.002696	-0.020806	-0.018055	0.003358	-0.011234	0.005087
	0.022502	-0.007371	0.030997	0.035814	0.032483	-0.017101
	-0.009890	-0.015870	0.010320	0.014172	0.001813	0.031366
	0.006230	0.013048	-0.017800	-0.016844	0.017146	0.036834
	0.011858	-0.033860	-0.022608	-0.030738	0.009134	0.018148
	-0.019110					

y459	0.012572	0.035800	0.039062	-0.044903	-0.012893	-0.030793
	0.025841	-0.043323	-0.002885	0.016638	0.042487	-0.011232
	-0.051873	-0.014392	0.004660	-0.051156	-0.057635	0.041575
	-0.001623	-0.035994	0.018873	-0.017020	-0.010540	0.019076
	-0.019277	0.008720	-0.027495	0.010648	0.003333	0.016075
	-0.039336					
z459	-0.009806	-0.050788	-0.030577	0.027588	0.001772	0.040335
	0.008477	0.024046	0.003681	0.012905	0.020165	0.007840
	0.041598	-0.038205	-0.032346	0.051797	0.056925	0.028168
	0.031405	0.029569	0.023357	-0.031213	0.028971	0.055886
	0.038452	-0.050580	0.014225	0.007341	0.017543	0.021948
	0.034325					
x460	-0.000168	-0.023417	-0.021252	-0.003115	0.013251	0.024936
	0.017398	-0.045589	0.031147	0.048746	0.018911	0.022401
	-0.024079	-0.027928	0.010234	-0.015256	0.022472	0.043678
	-0.008087	0.046497	0.004167	0.027054	-0.017309	0.040797
	0.011840	0.005134	-0.032125	-0.032192	0.000673	0.010679
	-0.004921					
y460	0.015499	0.020215	0.050599	-0.044969	-0.017256	-0.027354
	0.013048	-0.035859	0.000545	0.010753	0.034878	-0.021741
	-0.042139	-0.032196	0.014432	-0.032241	-0.042921	0.032257
	0.012933	-0.030523	0.004754	-0.011035	-0.001761	0.012416
	-0.013353	0.000662	-0.022589	0.008303	0.002372	0.035592
	-0.055133					
z460	-0.005589	-0.051876	-0.043251	0.030711	0.016434	0.030480
	0.004454	0.020439	0.031882	0.022559	0.022045	0.015394
	0.029072	-0.011790	-0.025398	0.054029	0.037306	0.036027
	0.014005	0.021064	-0.015707	-0.034839	0.022577	0.051270
	0.045052	-0.056996	0.000319	-0.008494	0.016432	0.013352
	0.023623					
x461	0.002665	-0.027927	-0.002493	-0.003666	0.010755	0.013397
	0.020118	-0.030974	0.015561	0.023681	0.015763	0.005539
	-0.008668	-0.032390	0.008826	-0.001246	0.024968	0.043447
	0.010380	0.038642	0.010218	0.003426	0.000468	0.030780
	0.024737	-0.012777	-0.008314	-0.007379	0.008205	0.011886
	-0.022033					
y461	0.019800	0.007087	0.050115	-0.041714	-0.016351	-0.014957
	-0.002943	-0.033531	0.011694	0.010021	0.025722	-0.002119
	-0.042416	-0.042453	0.032605	-0.016809	-0.024199	0.032615
	0.012579	-0.006315	-0.004182	0.009758	-0.009135	-0.000584
	-0.018248	0.010617	-0.023895	0.002729	0.001205	0.049782
	-0.066468					

z461	-0.001645	-0.045729	-0.063321	0.029940	0.041957	0.032753
	-0.007801	-0.007347	0.074849	0.064559	0.003671	0.069483
	0.005105	0.020893	0.002021	0.018386	0.033327	0.056862
	-0.017418	0.033200	-0.020832	0.009272	-0.015545	0.060369
	0.020062	-0.041465	-0.037795	-0.033273	0.000103	-0.022351
	0.003316					
x462	0.011373	-0.029030	0.012661	-0.003501	0.009331	0.003461
	0.011513	-0.024639	0.027591	0.028467	0.009247	0.013893
	-0.007147	-0.027813	0.029670	-0.002549	0.021866	0.033482
	0.010884	0.029199	-0.000689	-0.000445	-0.011894	0.007945
	0.010463	-0.018190	-0.004206	-0.001812	0.015430	0.006737
	-0.031065					
y462	0.023339	-0.005280	0.056472	-0.028243	-0.019081	-0.013247
	-0.002938	-0.013658	0.017056	-0.002933	0.018698	0.012606
	-0.030239	-0.046507	0.041098	0.008331	0.001825	0.035041
	0.007034	0.011658	-0.021245	0.016182	0.000916	-0.025797
	-0.017079	0.013368	-0.015546	0.016958	0.016339	0.052228
	-0.062668					
z462	-0.004340	-0.041887	-0.059241	0.027268	0.044276	0.026368
	0.001407	-0.021236	0.064981	0.062279	0.003316	0.064570
	0.010504	0.032517	-0.013422	-0.009140	0.026527	0.045800
	-0.009726	0.014896	0.000210	0.008394	-0.019057	0.048263
	0.011364	-0.028443	-0.024133	-0.029293	-0.014172	-0.032008
	0.015455					
x463	0.018307	-0.033104	0.026104	-0.005062	0.004791	-0.005595
	0.014362	-0.017606	0.031790	0.028366	0.012169	0.016943
	-0.000554	-0.023329	0.029297	0.003331	0.016442	0.042904
	0.018510	0.029058	-0.005773	-0.005815	-0.011462	-0.012881
	-0.008220	0.000465	-0.012564	0.019085	0.011303	0.000467
	-0.015797					
y463	0.022179	-0.014853	0.052255	-0.011237	-0.010618	-0.008765
	0.004627	0.000203	0.018599	-0.000517	0.018689	0.016588
	-0.007158	-0.022310	0.034297	0.018012	0.007937	0.042893
	0.015274	0.027550	-0.012793	0.002765	0.016598	-0.028589
	0.004111	0.018456	-0.025827	0.026661	0.013876	0.034203
	-0.034832					
z463	-0.001388	-0.035407	-0.062295	0.034382	0.045231	0.021140
	0.003284	-0.023776	0.058197	0.056408	-0.005203	0.057582
	0.006379	0.044029	-0.011337	-0.030348	0.019358	0.041171
	-0.010404	0.006885	0.011779	0.000164	-0.040745	0.044854
	0.006823	-0.027995	0.014715	-0.021872	-0.021043	-0.025611
	0.030005					

x464	0.024116	-0.041141	0.038127	-0.003054	0.004350	-0.009676
	0.018939	-0.009301	0.025453	0.022190	0.016094	0.011534
	0.007566	-0.018761	0.025912	0.011549	0.005137	0.054912
	0.022046	0.031383	-0.005697	-0.012807	-0.003709	-0.023676
	-0.003693	0.006049	-0.016102	0.027292	0.004995	0.006682
	-0.019485					
y464	0.021822	-0.020445	0.046385	-0.006590	-0.004836	-0.003230
	0.003450	0.002381	0.021888	0.000981	0.016844	0.021374
	-0.003179	-0.011453	0.030064	0.019259	0.003761	0.041564
	0.012358	0.031966	-0.003939	0.003408	0.015641	-0.027755
	0.002596	0.020708	-0.028503	0.021128	0.007163	0.022559
	-0.023358					
z464	0.006066	-0.033112	-0.063024	0.043937	0.043394	0.011436
	0.009556	-0.021139	0.052209	0.042657	-0.016762	0.051546
	0.007426	0.056947	0.003548	-0.038126	0.008458	0.032955
	-0.019025	0.005868	0.007103	-0.000741	-0.040901	0.037052
	0.021413	-0.028173	0.024390	-0.019858	-0.020732	-0.018582
	0.018093					
x465	0.031033	-0.047526	0.047936	0.004089	0.004216	-0.016180
	0.021774	-0.006540	0.023194	0.019207	0.021468	0.015319
	0.012341	-0.011424	0.007043	0.019158	-0.003890	0.055785
	0.034575	0.030459	-0.002684	-0.028283	-0.013666	-0.031059
	0.001348	0.002536	-0.018369	0.032832	0.006485	0.011154
	-0.006969					
y465	0.019067	-0.021664	0.038170	-0.004732	-0.002980	-0.000954
	-0.000590	0.003380	0.022800	0.001091	0.011295	0.022137
	-0.000996	-0.001811	0.023243	0.016491	0.002593	0.024847
	0.010641	0.032913	0.010523	0.010569	0.001972	-0.028878
	-0.006955	0.019026	-0.031261	0.008650	0.000399	0.008131
	-0.012605					
z465	0.008905	-0.030309	-0.063954	0.052497	0.033100	0.000073
	0.013302	-0.020382	0.043288	0.026113	-0.019525	0.041876
	0.011538	0.060024	0.002980	-0.037372	0.003925	0.020560
	-0.011122	-0.002925	0.009280	-0.014115	-0.048728	0.029953
	0.022363	-0.029823	0.038789	-0.008910	-0.011226	-0.006650
	0.021846					
x466	0.039934	-0.053017	0.056205	0.005321	0.008297	-0.022484
	0.020577	-0.008364	0.025770	0.012918	0.028687	0.021347
	0.011587	-0.002260	-0.002213	0.023391	-0.010775	0.050440
	0.030529	0.027762	-0.009464	-0.028052	-0.008235	-0.034629
	0.003394	-0.011381	-0.024727	0.029640	0.016290	0.006364
	0.003907					

y466	0.018675	-0.020469	0.030474	-0.003368	-0.000507	-0.002566
	-0.001240	-0.002110	0.018488	-0.001963	0.010271	0.015865
	-0.000172	0.008359	0.013631	0.015827	-0.004049	0.010711
	0.006814	0.035412	0.016771	0.007511	-0.007917	-0.024731
	-0.009583	0.006890	-0.036794	0.002754	0.000189	-0.001469
	0.001636					
z466	0.015539	-0.032237	-0.065816	0.054800	0.026934	-0.014587
	0.010921	-0.019740	0.036307	0.011473	-0.023440	0.033010
	0.014159	0.060625	0.011126	-0.032810	0.002277	0.004178
	0.005012	-0.012238	-0.004823	-0.019675	-0.021408	0.036489
	0.034917	-0.014411	0.038313	-0.014837	0.000036	0.007393
	0.022972					
x467	0.044950	-0.057122	0.060811	0.008637	0.013150	-0.026223
	0.017808	-0.006874	0.024429	0.006738	0.026778	0.019846
	0.011999	0.010845	-0.014678	0.012825	-0.011846	0.032446
	0.024860	0.030034	-0.005847	-0.020024	-0.021259	-0.031782
	-0.003157	-0.034404	-0.038704	0.019424	0.008868	-0.004969
	0.005771					
y467	0.015534	-0.016721	0.017344	0.000520	0.002913	0.000396
	-0.001053	-0.001943	0.012669	-0.002183	0.004084	0.008646
	0.000985	0.010297	0.007108	0.003526	-0.008625	0.008010
	-0.001030	0.032652	0.008947	0.002790	-0.015101	-0.012094
	-0.007225	-0.003403	-0.028560	0.000161	0.000534	-0.009714
	0.004280					
z467	0.014431	-0.033609	-0.068079	0.058241	0.026952	-0.017334
	0.013779	-0.013187	0.031592	-0.000150	-0.026763	0.018909
	0.011067	0.059611	0.019446	-0.031654	0.015479	-0.003039
	0.012379	-0.017778	-0.013390	-0.019355	-0.012431	0.034742
	0.034341	-0.000984	0.035939	-0.020970	-0.006504	0.012618
	0.010742					
x468	0.053817	-0.057863	0.064559	0.013762	0.019888	-0.028847
	0.015280	-0.012440	0.022149	0.002709	0.030961	0.015960
	0.014349	0.020516	-0.027733	0.009039	-0.027238	0.023555
	0.004812	0.029051	-0.005737	-0.019809	-0.028329	-0.035680
	0.001180	-0.053563	-0.031718	0.007936	0.013539	-0.015277
	0.014551					
y468	0.010012	-0.011314	0.002012	0.002647	0.002233	0.001901
	-0.003332	-0.001439	0.009954	-0.001933	-0.003688	0.003423
	0.004165	0.001221	0.005202	-0.009072	-0.015520	0.002632
	-0.002424	0.025296	0.002502	-0.004645	-0.018058	0.001124
	-0.003984	-0.011231	-0.011720	0.008732	0.002110	-0.014492
	0.002445					

z468	0.014566	-0.034233	-0.064760	0.061934	0.024397	-0.019687
	0.014718	-0.009891	0.029056	-0.005503	-0.021300	0.010885
	0.009870	0.050629	0.024846	-0.021455	0.007033	-0.003880
	0.008650	-0.021875	-0.016185	-0.030087	0.003257	0.024635
	0.033995	0.013058	0.049643	-0.010629	0.001618	0.017936
	0.008093					
x469	0.057391	-0.058973	0.060438	0.018560	0.025083	-0.026263
	0.008599	-0.010798	0.018256	-0.001742	0.032413	0.012095
	0.024192	0.018778	-0.035454	-0.005966	-0.037733	0.021396
	-0.000644	0.024835	-0.005138	-0.013535	-0.029309	-0.023463
	0.002597	-0.072606	-0.025046	0.004706	0.011847	-0.020392
	0.012473					
y469	0.005561	-0.004005	-0.010409	0.002487	0.000049	0.000676
	-0.002791	-0.004296	0.006245	-0.003817	-0.008956	-0.005391
	-0.000967	-0.004202	0.006416	-0.005135	-0.013939	0.004458
	0.001420	0.017794	-0.007705	-0.001873	-0.011522	0.002462
	-0.004306	0.006338	-0.006879	-0.003751	-0.007930	-0.013558
	-0.005541					
z469	0.009502	-0.037576	-0.061859	0.064252	0.021665	-0.016443
	0.012607	-0.001477	0.028351	-0.008272	-0.012296	0.011151
	0.005617	0.034786	0.029751	-0.021777	0.002669	0.006995
	0.018033	-0.022697	-0.006222	-0.031746	0.015588	0.034567
	0.025494	0.022342	0.052930	0.009555	-0.005045	0.023583
	-0.003569					
x470	0.062900	-0.056646	0.049953	0.025279	0.025221	-0.026079
	-0.001036	-0.003446	0.006903	-0.003579	0.034838	0.001164
	0.026620	0.017916	-0.041775	-0.009761	-0.042107	0.021168
	0.006146	0.008363	-0.019659	-0.004000	-0.022269	-0.020596
	0.007232	-0.058823	-0.006008	-0.016501	-0.004164	-0.015505
	0.004438					
y470	-0.001364	0.002303	-0.020122	0.002410	-0.002734	0.000243
	-0.005089	-0.002299	0.001236	-0.000708	-0.009909	-0.008266
	-0.009497	-0.005915	0.004790	-0.001435	-0.005081	0.002708
	-0.000798	0.010550	-0.010811	0.005260	-0.002669	0.001889
	-0.008095	0.033877	-0.002103	-0.019390	-0.015049	-0.011695
	-0.009322					
z470	0.007622	-0.038346	-0.057246	0.069903	0.017560	-0.016456
	0.013311	0.009307	0.019631	-0.005919	-0.001134	0.003432
	-0.013093	0.032473	0.033575	-0.014058	0.005411	0.008715
	0.028301	-0.026199	0.008172	-0.027908	0.019111	0.032804
	0.018908	0.046495	0.059663	0.012676	-0.016731	0.033129
	-0.008594					

x471	0.063845	-0.044607	0.038203	0.029521	0.015695	-0.018369
	-0.018459	0.003970	0.001986	-0.005708	0.037875	-0.020088
	0.044051	0.003100	-0.039696	-0.004660	-0.044991	0.016285
	0.015202	-0.001541	-0.025741	0.009218	-0.008294	-0.024514
	0.004639	-0.060097	0.001056	-0.037934	-0.007074	-0.010703
	0.001870					
y471	-0.014307	0.008428	-0.028260	0.000441	-0.006105	0.002564
	0.004574	-0.008550	0.001192	0.005797	-0.006511	-0.002033
	-0.022984	-0.000954	0.021149	0.010385	-0.003205	0.004471
	-0.005355	0.005678	0.007272	-0.000596	0.003231	0.008376
	-0.018907	0.039210	0.011399	-0.001445	-0.011946	-0.004876
	-0.000517					
z471	0.007743	-0.039697	-0.043808	0.069986	0.012175	-0.011606
	0.014323	0.014430	0.010834	0.000271	0.000528	-0.014247
	-0.026447	0.022071	0.029174	-0.010474	0.006285	-0.002506
	0.023195	-0.025443	0.027336	-0.009235	0.013830	0.031947
	0.011643	0.037968	0.059031	0.018776	-0.009978	0.021314
	0.000082					
x472	0.052581	-0.037576	0.026589	0.034517	0.005289	-0.011216
	-0.025905	0.003809	-0.000655	-0.002532	0.043800	-0.019522
	0.034052	-0.007694	-0.034363	-0.007904	-0.032191	0.008868
	0.008437	0.002005	-0.018096	0.007030	0.020281	-0.017951
	-0.000547	-0.049025	0.013291	-0.047088	-0.019653	-0.013511
	-0.017256					
y472	-0.029405	0.012638	-0.037157	-0.004105	-0.006150	0.005389
	0.026648	-0.007208	0.005053	0.008771	-0.009925	-0.001935
	-0.032870	0.014608	0.049029	0.011969	0.004825	0.006629
	0.001642	0.002550	0.014755	0.013933	0.005609	0.017515
	-0.005207	0.061146	0.027199	0.015133	-0.011127	0.004680
	0.005299					
z472	0.011622	-0.039981	-0.033335	0.064611	0.012148	-0.009254
	0.010778	0.017203	0.007509	-0.001848	0.011345	-0.012174
	-0.024130	0.003954	0.009577	-0.008109	0.018966	-0.007924
	0.015369	-0.025139	0.019748	0.005886	0.029716	0.037269
	0.035436	0.029219	0.040899	0.008304	-0.039678	0.017980
	-0.014199					
x473	0.043473	-0.034637	0.022070	0.034156	0.005480	-0.007486
	-0.029557	0.004894	0.006032	-0.002866	0.042187	-0.018184
	0.028798	-0.006555	-0.047274	-0.011234	-0.017321	0.002317
	-0.008821	-0.003361	-0.018935	0.012504	0.029319	-0.017842
	0.011266	-0.028636	0.019122	-0.043191	-0.013193	-0.034069
	-0.008117					

y473	-0.033880	0.015734	-0.038534	-0.007462	-0.003713	0.007749
	0.037961	-0.007261	0.002810	0.005391	-0.002579	-0.003844
	-0.042675	0.010557	0.058945	0.009540	0.011111	0.008002
	0.001783	-0.004444	0.005409	0.024912	-0.002732	0.019651
	0.006735	0.067166	0.030940	0.026784	-0.010763	0.038961
	0.004896					
z473	0.010020	-0.033161	-0.026063	0.059486	0.004828	-0.004644
	0.010629	0.017010	0.010917	-0.005010	0.010759	-0.018075
	-0.026881	0.002139	0.004687	0.006532	0.010642	-0.000928
	0.001730	-0.018410	0.026195	0.018541	0.034054	0.021471
	0.046457	0.024520	0.041362	-0.003564	-0.033658	-0.024312
	-0.004487					
x474	0.032173	-0.028862	0.015622	0.031988	0.005369	-0.006298
	-0.032615	0.013845	0.012788	-0.001807	0.027383	-0.017429
	0.022326	-0.010362	-0.049583	-0.015799	-0.003805	-0.003422
	-0.010958	-0.003993	-0.010530	0.004634	0.026506	-0.012288
	0.007712	-0.021358	0.002342	-0.016180	-0.018923	-0.029195
	-0.002064					
y474	-0.037890	0.015157	-0.040188	-0.010245	-0.008685	0.005440
	0.046866	0.000239	-0.001072	0.008603	-0.010261	-0.004926
	-0.048286	0.007909	0.064699	0.005826	0.019011	0.001054
	0.012382	-0.006840	0.007344	0.023328	-0.013973	0.022459
	0.011340	0.059633	0.029218	0.031297	-0.011044	0.046051
	0.011085					
z474	0.006999	-0.029425	-0.020575	0.052166	-0.003545	-0.002803
	0.003713	0.024571	0.012388	-0.003428	0.006244	-0.024970
	-0.036505	-0.003814	0.002376	0.005202	0.010034	-0.000855
	0.005955	-0.012543	0.036883	0.018030	0.035913	0.009914
	0.045066	0.009646	0.037197	0.001424	-0.038671	-0.021961
	-0.001398					
x475	0.021343	-0.021949	0.009057	0.030191	0.000324	-0.002781
	-0.028616	0.023158	0.014694	-0.001037	0.012354	-0.018710
	0.016725	-0.009066	-0.038915	-0.014145	0.005089	-0.009725
	-0.008391	-0.002882	-0.003263	0.003325	0.019128	-0.003411
	0.006714	-0.009124	0.000579	-0.001285	0.001224	-0.025962
	0.007174					
y475	-0.038709	0.013453	-0.038432	-0.012991	-0.017588	0.003781
	0.055394	0.003939	-0.005454	0.010305	-0.019288	-0.005954
	-0.055081	0.006102	0.069016	0.009519	0.022815	-0.000286
	0.022926	-0.012889	0.010471	0.017604	-0.018423	0.016653
	0.013252	0.046764	0.030546	0.025982	-0.013563	0.039664
	0.013868					

z475	0.002939	-0.030976	-0.018011	0.049580	-0.014161	-0.001621
	-0.002743	0.035977	0.006251	0.005036	0.003770	-0.029844
	-0.046291	0.000262	0.003079	-0.011786	0.014399	-0.012388
	0.015417	-0.004140	0.043499	0.016811	0.029458	0.016040
	0.039085	0.003090	0.033681	0.010109	-0.020121	-0.021297
	0.007376					
x476	0.010890	-0.016673	0.006515	0.028681	-0.004660	-0.004325
	-0.016161	0.023740	0.012735	0.000582	0.017603	-0.022671
	-0.002347	-0.004617	-0.024499	-0.004311	0.010977	-0.006569
	-0.001972	-0.010078	0.004391	0.010230	0.022469	-0.000551
	0.014167	0.004065	0.019044	0.017563	0.002508	-0.003777
	-0.002103					
y476	-0.034808	0.008461	-0.032557	-0.015819	-0.025603	0.002618
	0.064321	-0.004011	-0.011527	0.002806	-0.014364	-0.010669
	-0.066760	0.007550	0.075509	0.017540	0.019744	0.007764
	0.028739	-0.017617	0.009996	0.014393	-0.016794	0.005643
	0.020823	0.033968	0.039319	0.013349	-0.022520	0.028515
	0.019383					
z476	0.000551	-0.029450	-0.008992	0.043731	-0.018878	-0.003495
	-0.004677	0.039473	0.003235	0.016153	0.008593	-0.032704
	-0.054969	-0.005465	0.003152	-0.020767	0.011216	-0.012054
	0.007512	-0.010403	0.046207	0.023089	0.027851	0.004476
	0.037403	0.008756	0.031987	0.022169	-0.011128	-0.015605
	-0.002563					
x477	-0.001888	-0.014542	-0.002334	0.024333	-0.010422	-0.008465
	-0.006263	0.028883	0.011742	0.009399	-0.000266	-0.019202
	-0.018675	0.000292	-0.019858	-0.020582	0.026545	-0.014553
	0.007409	-0.011037	0.023334	0.008762	0.017396	0.007758
	0.021329	0.004047	0.009975	0.029864	0.000027	-0.007650
	0.000434					
y477	-0.034125	0.001860	-0.027696	-0.013608	-0.035635	0.000017
	0.064184	-0.001814	-0.015812	0.002684	-0.015870	-0.013029
	-0.071684	0.004263	0.075712	0.009076	0.020435	0.004090
	0.041285	-0.019235	0.010782	0.008081	-0.029233	-0.009947
	0.018207	0.021955	0.031623	0.016033	-0.028588	0.019977
	0.020296					
z477	0.000325	-0.025341	-0.004777	0.034397	-0.014210	-0.003919
	-0.007941	0.035252	0.011217	0.010473	0.012572	-0.027549
	-0.059289	-0.005584	-0.005399	-0.028392	0.009912	0.005813
	-0.010881	-0.010423	0.036550	0.024133	0.027978	0.001570
	0.046911	0.016797	0.007312	0.011252	-0.010025	-0.018379
	-0.003859					

x478	-0.008617	-0.012408	-0.004464	0.017834	-0.017176	-0.009795
	0.003321	0.031536	0.008669	0.009140	-0.007853	-0.019796
	-0.029439	0.000883	-0.010494	-0.024993	0.027378	-0.012236
	0.007325	-0.012506	0.031162	0.010044	0.015035	0.003719
	0.018839	0.002888	0.006245	0.027572	0.003334	-0.011326
	0.002934					
y478	-0.030876	-0.003682	-0.018435	-0.013151	-0.041056	-0.002438
	0.063639	-0.005211	-0.015448	-0.002377	-0.008250	-0.012362
	-0.071070	-0.000348	0.070174	0.006540	0.013725	0.012193
	0.044163	-0.023253	0.009662	0.000834	-0.036762	-0.025442
	0.018773	0.017686	0.015660	0.010274	-0.038289	0.008801
	0.020670					
z478	-0.007823	-0.020270	-0.008052	0.034343	-0.014152	-0.010978
	-0.018121	0.054927	0.018234	0.012741	0.009105	-0.025158
	-0.042266	-0.009420	-0.019153	-0.051863	0.027699	-0.008490
	-0.008507	0.000060	0.025627	0.014359	0.020135	0.006149
	0.029392	0.012480	-0.008573	0.015313	-0.003654	-0.002802
	-0.002281					
x479	-0.008557	-0.010884	-0.000192	0.012902	-0.013915	-0.011958
	0.015229	0.016300	0.010067	-0.004534	0.014134	-0.020326
	-0.043582	0.000380	0.000351	-0.007630	0.017822	0.007338
	-0.008711	-0.021069	0.016871	0.010217	0.023184	0.004420
	0.025686	0.013741	0.016962	0.012792	0.004369	0.003497
	0.000462					
y479	-0.027457	-0.005395	-0.008176	-0.011155	-0.042904	-0.004506
	0.058739	-0.009077	-0.013127	-0.010283	0.002375	-0.010253
	-0.065003	-0.009968	0.061403	0.004063	0.005120	0.024655
	0.041398	-0.023694	0.009859	-0.005432	-0.042610	-0.036473
	0.008861	0.020374	-0.010668	0.016507	-0.048886	0.001038
	0.015666					
z479	-0.009051	-0.015385	-0.006864	0.028213	-0.001179	-0.017496
	-0.021457	0.050551	0.026018	0.004888	0.019332	-0.022152
	-0.025229	-0.006483	-0.018307	-0.048627	0.032089	-0.006804
	-0.013077	0.001277	0.016404	0.015417	0.022668	0.027725
	0.030273	0.018235	0.000108	0.002952	0.007893	0.007151
	0.003966					
x480	-0.020537	-0.009507	-0.001932	0.016107	-0.022811	-0.020050
	0.017862	0.030006	0.013211	0.000122	0.007205	-0.018670
	-0.037045	-0.006068	0.001572	-0.033223	0.028528	-0.005809
	0.008218	-0.019200	0.013674	-0.007458	0.004155	0.011853
	0.016492	0.016322	-0.008816	0.015937	-0.008500	0.014986
	-0.001381					

y480	-0.022434	-0.004484	0.000318	-0.009128	-0.041130	-0.007854
	0.050603	-0.015486	-0.009219	-0.019482	0.016292	-0.003388
	-0.052166	-0.008891	0.051153	0.012187	-0.008905	0.032751
	0.042674	-0.009457	0.018794	-0.004348	-0.039439	-0.038748
	0.009426	0.023349	-0.027398	0.007749	-0.034175	-0.023193
	0.018255					
z480	-0.005747	-0.007752	-0.006639	0.026088	0.009739	-0.017192
	-0.024788	0.030340	0.027489	-0.001143	0.019357	-0.015726
	-0.020344	-0.005338	-0.016785	-0.037715	0.018287	0.011834
	-0.026788	0.008255	0.012224	0.019582	0.025103	0.038410
	0.021936	0.019120	0.006325	-0.001977	0.008242	0.015762
	-0.001983					
x481	-0.023694	-0.012764	0.002045	0.017789	-0.029738	-0.027607
	0.019560	0.032522	0.011172	-0.002755	0.005594	-0.024864
	-0.030583	-0.010139	0.012213	-0.048107	0.017769	-0.007955
	0.018136	-0.015186	0.022957	-0.011242	0.012962	0.015442
	0.018229	0.013386	-0.017243	0.006368	0.001017	0.004180
	0.010307					
y481	-0.015245	-0.005384	0.005533	-0.009067	-0.039292	-0.007972
	0.042347	-0.011971	-0.008694	-0.018330	0.020063	-0.000501
	-0.043436	-0.006486	0.039062	0.015534	-0.018746	0.025672
	0.046205	0.004353	0.021113	-0.008061	-0.030532	-0.027778
	0.015431	0.009300	-0.019689	0.000294	-0.021579	-0.031831
	0.022330					
z481	-0.007114	-0.003802	-0.012517	0.028841	0.013301	-0.019998
	-0.033816	0.031220	0.031351	0.007203	-0.002131	-0.011185
	-0.001384	0.001213	-0.015862	-0.051634	0.017278	0.004090
	-0.016247	0.003543	0.014419	0.004903	0.014768	0.034849
	0.002042	0.021156	-0.005443	0.000716	0.024678	0.010026
	0.010069					
x482	-0.024626	-0.013115	0.005731	0.018863	-0.030738	-0.027694
	0.023535	0.029495	0.008796	-0.011380	0.010357	-0.032701
	-0.026752	-0.012758	0.022245	-0.045175	-0.000463	0.014810
	0.009458	-0.008641	0.025764	-0.007287	0.017631	0.009499
	0.018496	0.003637	-0.017685	0.009845	-0.000385	0.004868
	0.008731					
y482	-0.014609	-0.004352	0.008411	-0.008307	-0.039002	-0.010827
	0.035790	-0.002624	-0.004124	-0.013501	0.015123	0.000684
	-0.029519	-0.005614	0.024763	0.006419	-0.010311	0.012715
	0.051464	0.006177	0.018559	-0.021518	-0.029813	-0.012854
	0.011145	0.006418	-0.014779	-0.001275	-0.010937	-0.030979
	0.032145					

z482	-0.008720	0.000217	-0.018472	0.030293	0.020324	-0.016898
	-0.032137	0.031120	0.031287	0.006254	-0.008686	-0.017448
	0.006667	0.000975	-0.007718	-0.054972	0.003517	0.010472
	-0.025225	0.001508	0.007853	0.005507	0.011397	0.017473
	-0.008329	0.013808	-0.014578	0.017095	0.010532	0.024181
	-0.012197					
x483	-0.024571	-0.014210	0.010037	0.021746	-0.033520	-0.031782
	0.023853	0.032662	0.005393	-0.012607	0.003513	-0.036233
	-0.021507	-0.012053	0.018364	-0.040896	-0.008569	0.019872
	0.008330	-0.001642	0.031950	-0.016240	0.007405	0.006209
	0.014693	-0.002046	-0.019439	0.008159	0.019306	0.000404
	0.015678					
y483	-0.011986	-0.003911	0.010631	-0.007171	-0.034197	-0.009617
	0.028609	0.001392	-0.003529	-0.014113	0.017662	-0.002509
	-0.016750	-0.007347	0.020357	0.003979	-0.006277	0.010121
	0.041943	0.011566	0.013598	-0.016512	-0.013476	-0.001344
	-0.000502	0.003603	-0.014724	-0.002290	-0.020163	-0.017437
	0.018516					
z483	-0.010911	0.001357	-0.022297	0.033890	0.032962	-0.006471
	-0.022373	0.033071	0.029831	0.008258	-0.018708	-0.028502
	0.001298	0.008836	0.002610	-0.050166	-0.004362	0.017868
	-0.041266	0.003715	0.005030	0.010013	0.006469	0.000901
	-0.014088	0.020977	-0.005266	0.020240	0.021878	0.019849
	-0.025544					
x484	-0.022971	-0.012520	0.015385	0.024724	-0.036510	-0.036387
	0.021753	0.034665	0.003344	-0.010121	0.000274	-0.036277
	-0.010626	-0.013775	-0.001354	-0.037725	-0.008549	0.013807
	0.007029	-0.002342	0.037168	-0.030424	-0.003794	0.011274
	0.013259	0.000547	-0.023115	0.005395	0.032320	-0.004422
	0.025216					
y484	-0.007449	-0.004851	0.012599	-0.006977	-0.030050	-0.005274
	0.018690	0.001798	-0.008003	-0.015491	0.014726	-0.006060
	-0.006705	-0.005533	0.017801	0.005434	-0.001910	0.012555
	0.026568	0.015999	0.006901	-0.005199	0.004982	0.010605
	-0.011784	-0.005313	-0.007100	-0.003928	-0.015600	-0.000571
	0.008598					
z484	-0.010039	0.005365	-0.022525	0.033492	0.040877	-0.000668
	-0.017178	0.028141	0.027863	0.012106	-0.020389	-0.032736
	0.004751	0.012160	-0.008931	-0.043587	-0.012779	0.015192
	-0.047634	-0.012287	0.008878	0.007121	-0.010172	0.000791
	0.007187	0.029104	0.003295	0.021592	0.028823	0.014854
	-0.011388					

x485	-0.023001	-0.012086	0.019421	0.025843	-0.039140	-0.036729
	0.015630	0.037115	-0.002347	-0.010777	0.000670	-0.040555
	0.002674	-0.016521	-0.008410	-0.042389	-0.003788	0.011232
	0.000111	-0.001570	0.032720	-0.030033	-0.003489	0.017603
	0.001005	-0.003804	-0.017824	-0.000076	0.039428	0.011224
	0.025037					
y485	-0.000291	-0.002609	0.011369	-0.006366	-0.022970	-0.002375
	0.008464	-0.002081	-0.008559	-0.007903	0.005922	0.002272
	-0.007262	-0.002155	0.000474	0.009821	0.002630	0.007594
	0.016057	0.017151	-0.000870	-0.010808	0.004737	0.006932
	-0.013549	-0.007513	-0.003501	-0.003247	-0.003154	-0.002818
	0.004766					
z485	-0.008879	0.009574	-0.026044	0.030993	0.046661	0.002268
	-0.018646	0.022002	0.027845	0.015070	-0.019048	-0.026245
	0.009834	0.009120	-0.020312	-0.047932	-0.011945	0.002116
	-0.040106	-0.024216	0.002015	0.001609	-0.026410	-0.009188
	0.016287	0.024960	0.006387	0.013923	0.032070	0.021052
	0.000965					
x486	-0.022055	-0.013042	0.022026	0.024903	-0.037947	-0.036647
	0.013214	0.043966	-0.009013	-0.010069	-0.000528	-0.044382
	0.012956	-0.009777	-0.007925	-0.042562	-0.001500	0.011055
	-0.012979	0.004861	0.028490	-0.026219	0.007691	0.010898
	-0.008047	-0.002020	-0.016699	-0.018809	0.049064	0.023784
	0.002826					
y486	0.005574	0.000499	0.011825	-0.009659	-0.018415	-0.001990
	-0.002419	-0.005535	-0.011285	-0.005667	-0.003602	0.005607
	-0.001393	-0.002735	-0.015980	0.012254	0.000487	-0.006659
	0.017728	0.020698	-0.007325	-0.016816	0.001453	0.008073
	-0.005998	-0.002775	-0.006895	0.009835	-0.003192	-0.010116
	0.004069					
z486	-0.012067	0.010223	-0.030870	0.023706	0.054851	0.007909
	-0.010383	0.027104	0.031647	0.016639	-0.016473	-0.026279
	0.008468	0.008291	-0.006830	-0.050784	-0.024680	-0.001592
	-0.040343	-0.025784	-0.000020	0.009722	-0.016953	-0.021421
	0.026658	0.024964	0.004573	-0.012126	0.027323	0.020022
	-0.011952					
x487	-0.018986	-0.012289	0.025846	0.020347	-0.034396	-0.034675
	0.009513	0.044073	-0.014910	-0.009644	-0.009723	-0.044312
	0.025142	0.000140	-0.011844	-0.037656	0.002471	0.004846
	-0.020392	0.013727	0.021590	-0.028195	0.014409	0.017531
	-0.016860	0.004102	-0.019614	-0.023190	0.049890	0.022777
	-0.012812					

y487	0.006883	0.001310	0.009829	-0.011036	-0.014859	0.001045
	-0.004993	-0.006855	-0.012185	-0.006898	-0.002266	0.000334
	0.008492	-0.005017	-0.009524	0.019935	0.005581	-0.005506
	0.012215	0.016563	-0.006534	-0.004996	0.010647	0.009886
	-0.006057	-0.002231	0.002811	0.013352	-0.012704	-0.012943
	-0.000239					
z487	-0.013873	0.007941	-0.032676	0.010578	0.058029	0.007187
	-0.003235	0.027588	0.032665	0.008167	-0.022038	-0.025484
	0.000389	0.008886	0.007560	-0.052257	-0.044311	-0.008556
	-0.025918	-0.026601	0.001303	0.012625	-0.005409	0.002890
	0.037156	0.018942	-0.002941	-0.023845	0.011932	0.021544
	-0.011421					
x488	-0.015916	-0.009436	0.026587	0.016194	-0.032286	-0.030379
	0.006367	0.039416	-0.014886	-0.007726	-0.013429	-0.040782
	0.037198	0.008148	-0.015475	-0.029226	0.009251	-0.001851
	-0.023679	0.018022	0.011305	-0.036122	0.016112	0.021231
	-0.019529	0.006811	-0.013768	-0.008352	0.048285	0.013476
	-0.021153					
y488	0.006360	0.001754	0.003213	-0.007542	-0.005412	0.010232
	0.000381	-0.008309	-0.003390	0.000976	0.002238	0.007798
	0.005924	-0.009713	-0.005574	0.019696	0.020774	0.002088
	0.015072	0.004101	-0.006562	-0.004295	-0.005689	-0.006810
	-0.012455	-0.007206	0.002224	0.003484	-0.015000	-0.012392
	0.008675					
z488	-0.014814	0.011533	-0.035529	0.004243	0.054906	0.007758
	0.003109	0.024415	0.034802	0.005960	-0.024532	-0.023086
	-0.005912	0.003100	0.008084	-0.044528	-0.046013	-0.011149
	-0.020343	-0.026433	-0.002545	0.004542	0.000183	0.010374
	0.034461	0.007649	0.006451	-0.010607	0.008347	0.021184
	-0.003327					
x489	-0.011198	-0.010202	0.025927	0.012556	-0.024904	-0.023011
	0.006730	0.031131	-0.018248	-0.001695	-0.015081	-0.041360
	0.040535	0.011102	-0.017172	-0.019433	0.021197	-0.010743
	-0.026497	0.015929	0.001191	-0.036495	0.012187	0.015632
	-0.013775	0.007483	-0.004461	-0.010948	0.043063	-0.000726
	-0.017575					
y489	0.008614	0.004333	-0.001818	-0.006917	0.002162	0.017030
	0.003118	-0.011775	0.005764	0.004330	0.009593	0.016327
	-0.002957	-0.018064	-0.005626	0.014990	0.023068	0.006296
	0.019093	-0.011778	-0.006479	-0.002284	-0.011808	-0.019923
	-0.010828	-0.017739	0.002623	0.004903	-0.021179	-0.005582
	0.024276					

z489	-0.020072	0.020363	-0.041048	0.000362	0.057635	0.013195
	0.012515	0.021883	0.028290	0.004842	-0.027406	-0.027613
	-0.025455	0.007287	0.010429	-0.032210	-0.039544	0.003371
	-0.027673	-0.017164	-0.008045	0.012767	-0.009556	0.004272
	0.021421	0.012623	0.014567	-0.024735	0.014469	0.022735
	0.003379					
x490	-0.007398	-0.007958	0.022110	0.003832	-0.020605	-0.016695
	0.003711	0.025896	-0.021975	-0.000466	-0.009506	-0.040168
	0.035799	0.006787	-0.011256	-0.015411	0.019431	-0.006905
	-0.024549	0.010444	-0.000586	-0.025274	0.017464	0.014838
	-0.010194	-0.003604	0.008435	-0.017309	0.032405	-0.004283
	-0.003863					
y490	0.009730	0.001915	-0.006647	-0.004843	0.003191	0.014603
	0.001618	-0.015756	0.010394	-0.005738	0.012669	0.020795
	-0.007610	-0.014239	0.003231	0.011001	0.013492	0.001204
	0.014500	-0.011208	0.001122	0.015942	-0.002234	-0.011648
	-0.002569	-0.007953	-0.003424	0.009520	-0.023012	-0.003284
	0.012800					
z490	-0.026509	0.028120	-0.044242	-0.006858	0.056435	0.012427
	0.023162	0.020258	0.018137	0.009265	-0.030319	-0.033872
	-0.035797	0.014587	0.015652	-0.028431	-0.029204	0.012448
	-0.016907	-0.016155	-0.012256	0.008525	-0.012076	-0.005785
	0.001083	0.005116	0.023022	-0.010001	0.018060	0.022921
	0.010252					
x491	-0.005803	-0.006322	0.016474	-0.003238	-0.020491	-0.016374
	0.000658	0.014716	-0.026319	-0.005303	-0.003403	-0.031341
	0.036635	0.010232	-0.002835	-0.012536	0.014266	-0.008376
	-0.019990	0.012118	-0.002595	-0.017356	0.024151	0.016119
	0.000095	0.002565	0.009527	-0.016275	0.019809	-0.004858
	0.000970					
y491	0.010807	0.000620	-0.010332	-0.001318	0.004417	0.010582
	0.002403	-0.016186	0.015689	-0.008638	0.012960	0.022521
	-0.014475	-0.012271	0.007906	0.003374	0.007875	-0.003184
	0.013761	-0.010499	0.003792	0.024862	-0.001319	-0.004304
	-0.002068	-0.004643	-0.002537	0.014837	-0.023195	-0.002357
	-0.000525					
z491	-0.027614	0.032134	-0.046751	-0.011654	0.051644	0.007977
	0.024442	0.008851	0.010034	0.010175	-0.034593	-0.029045
	-0.033021	0.018718	0.016729	-0.017056	-0.026377	0.004031
	-0.010533	-0.013599	-0.008618	0.002739	-0.005860	-0.012134
	-0.002161	-0.002780	0.010362	0.000751	0.012076	0.021022
	0.016012					

x492	-0.005701	-0.004360	0.009178	-0.006792	-0.020244	-0.016491
	0.001008	0.009247	-0.026903	-0.004598	-0.002306	-0.030167
	0.034210	0.013015	-0.000112	-0.012425	0.015857	-0.006459
	-0.013697	0.007085	-0.006013	-0.013045	0.027326	0.017329
	0.007410	0.010762	0.014186	-0.015400	0.013484	-0.004169
	0.006423					
y492	0.009700	0.003667	-0.013671	0.003442	0.013324	0.010464
	0.006014	-0.014129	0.020917	-0.005953	0.008552	0.022905
	-0.022091	-0.017413	0.004632	-0.002039	0.006883	-0.003842
	0.017798	-0.012634	0.006587	0.027746	-0.006899	-0.004915
	-0.005275	-0.007830	-0.002242	0.016383	-0.016769	0.006484
	-0.008115					
z492	-0.029487	0.034543	-0.049854	-0.015448	0.040924	0.001276
	0.028573	0.008949	0.003125	0.010561	-0.042592	-0.030099
	-0.031112	0.020955	0.018932	-0.007588	-0.021017	-0.000700
	-0.003695	-0.013128	0.000361	-0.003501	0.004118	-0.012094
	-0.002548	-0.006447	0.002328	0.011092	0.010732	0.014843
	0.014286					
x493	-0.006596	-0.001719	0.001839	-0.008938	-0.016728	-0.015318
	0.004164	0.004413	-0.020800	-0.001905	-0.002860	-0.034230
	0.026210	0.014019	0.002319	-0.014775	0.018149	-0.009696
	-0.011221	0.002182	-0.006801	-0.009253	0.023220	0.016443
	0.006692	0.011902	0.013027	-0.017355	0.012291	0.000237
	0.006232					
y493	0.006632	0.008443	-0.017993	0.008492	0.022980	0.011376
	0.010441	-0.009748	0.026712	-0.006856	0.004611	0.024305
	-0.031244	-0.021237	0.004736	-0.001653	0.001034	-0.005111
	0.018065	-0.013573	0.014455	0.028104	-0.012252	-0.006180
	-0.015358	-0.018933	-0.011262	0.019133	-0.015263	0.008664
	-0.016462					
z493	-0.027692	0.037206	-0.050503	-0.021133	0.033431	-0.004873
	0.034370	0.006129	-0.002285	0.008804	-0.046500	-0.033002
	-0.030432	0.017207	0.019888	0.006132	-0.022107	0.003493
	-0.000095	-0.010418	0.008147	-0.005519	0.013901	-0.015222
	0.004660	-0.003547	0.001414	0.013401	0.022422	0.015098
	0.003178					
x494	-0.006454	0.002023	-0.005226	-0.009650	-0.013050	-0.014484
	0.008639	-0.003205	-0.013827	-0.004026	-0.003502	-0.037038
	0.016050	0.012461	0.004406	-0.014369	0.015789	-0.011861
	-0.004542	-0.002287	-0.006251	-0.008211	0.018144	0.010518
	0.000401	0.008198	0.006172	-0.012501	0.006874	0.005850
	0.000526					

y494	0.004532	0.014318	-0.020537	0.011746	0.029561	0.010108
	0.018331	-0.005583	0.028670	-0.010947	0.001100	0.027361
	-0.037568	-0.025897	0.006576	0.006279	-0.008792	-0.003186
	0.017899	-0.011348	0.031586	0.024209	-0.010698	-0.005580
	-0.017919	-0.029148	-0.014332	0.023538	-0.008709	0.007658
	-0.026887					
z494	-0.026680	0.038684	-0.052060	-0.029119	0.026605	-0.007997
	0.033112	0.006991	-0.006929	-0.000109	-0.045393	-0.034465
	-0.021962	0.018278	0.017081	0.014259	-0.018707	0.008041
	0.000732	-0.006551	0.004762	-0.011142	0.005980	-0.023606
	0.000633	-0.007655	-0.009433	0.011182	0.015305	0.009175
	-0.005201					
x495	-0.005428	0.006977	-0.011232	-0.011676	-0.007633	-0.013933
	0.011247	-0.005524	-0.007981	-0.004080	-0.010673	-0.027201
	0.006114	0.010149	0.007286	-0.006656	0.004198	-0.005567
	0.007162	-0.004650	0.004700	-0.003369	0.012479	0.004371
	-0.002960	-0.001185	-0.006847	-0.002589	0.011535	0.005756
	-0.007647					
y495	0.002568	0.019981	-0.024477	0.013876	0.033907	0.008381
	0.021947	0.000638	0.028084	-0.021082	0.002214	0.031732
	-0.037076	-0.027488	0.007389	0.015098	-0.016729	0.000049
	0.015035	-0.004673	0.041847	0.018344	-0.011724	-0.002444
	-0.014283	-0.033274	-0.017556	0.029853	-0.004976	0.003690
	-0.034591					
z495	-0.024064	0.036682	-0.051041	-0.039075	0.021097	-0.013702
	0.032269	0.007244	-0.019010	-0.003731	-0.046238	-0.038260
	-0.009774	0.011065	0.017854	0.018146	-0.009207	0.016541
	-0.004074	-0.003582	0.008066	-0.013443	0.004942	-0.028849
	0.001975	-0.009815	-0.006910	-0.000352	0.013788	0.001114
	-0.014501					
x496	-0.004998	0.011366	-0.014038	-0.014827	-0.001930	-0.012563
	0.011540	0.000474	-0.003560	-0.010902	-0.014819	-0.013673
	-0.001560	0.007390	0.011148	0.004782	-0.007220	-0.001921
	0.005604	-0.002186	0.020052	0.001430	0.009782	0.000212
	-0.005818	-0.011203	-0.016931	0.009968	0.011633	-0.000889
	-0.016820					
y496	0.001416	0.022331	-0.027337	0.011733	0.033660	0.003951
	0.021523	0.005223	0.021876	-0.029691	0.004405	0.032498
	-0.028988	-0.027176	0.007149	0.021280	-0.018342	0.002657
	0.006246	0.002392	0.041436	0.008518	-0.018330	0.009418
	-0.005807	-0.034850	-0.012500	0.024904	-0.005140	0.001239
	-0.036055					

z496	-0.021856	0.030019	-0.048398	-0.044525	0.015063	-0.021583
	0.027920	0.010283	-0.024336	-0.008062	-0.034481	-0.043129
	0.002121	0.005041	0.014767	0.018780	0.007794	0.018642
	-0.011254	0.005607	0.006980	-0.007403	0.015084	-0.036193
	0.001742	-0.005053	-0.007918	0.000287	0.007716	-0.005149
	-0.031138					
x497	-0.004182	0.013436	-0.015556	-0.014393	0.002709	-0.010444
	0.009701	0.008042	-0.002315	-0.019368	-0.012673	-0.002245
	-0.004518	0.002498	0.009911	0.012299	-0.013395	0.004774
	-0.000110	0.002562	0.025764	0.002906	0.006038	0.003366
	0.000158	-0.014368	-0.013218	0.013852	0.002287	-0.004960
	-0.023367					
y497	0.000972	0.019015	-0.029001	0.007874	0.031416	-0.004375
	0.017796	0.008192	0.015218	-0.033626	0.009485	0.027642
	-0.014892	-0.025499	0.006282	0.022722	-0.009198	-0.000266
	-0.004625	0.013753	0.034033	-0.000303	-0.019197	0.024367
	-0.002046	-0.031315	-0.008185	0.019252	-0.012063	0.001323
	-0.035364					
z497	-0.019334	0.022948	-0.044967	-0.045624	0.003441	-0.029145
	0.021578	0.007334	-0.027475	-0.013486	-0.016443	-0.049171
	0.007316	0.004936	0.008459	0.016201	0.016436	0.019176
	-0.016836	0.004066	-0.003670	-0.006945	0.009183	-0.041066
	0.001290	-0.002919	-0.009672	0.003966	0.012622	-0.004394
	-0.034453					
x498	-0.004417	0.011109	-0.019213	-0.012408	0.008716	-0.014152
	0.009703	0.014521	-0.005966	-0.023282	-0.002399	0.004623
	-0.003863	-0.004419	0.004933	0.021007	-0.008023	0.007256
	-0.001754	0.012576	0.021851	-0.002015	-0.005341	0.012142
	0.000806	-0.014365	-0.009294	0.013284	-0.008374	-0.004434
	-0.032344					
y498	-0.000758	0.014171	-0.028909	0.001865	0.024904	-0.014474
	0.011413	0.010892	0.009600	-0.034348	0.016681	0.020010
	0.000348	-0.021893	0.006571	0.018401	0.003951	-0.003543
	-0.011706	0.017328	0.019722	-0.012514	-0.024737	0.030707
	-0.009069	-0.021812	-0.008803	0.014855	-0.012700	-0.003155
	-0.026564					
z498	-0.016640	0.014440	-0.039172	-0.043716	-0.010250	-0.036972
	0.018502	0.005209	-0.030416	-0.010625	-0.006073	-0.050243
	0.007109	0.015141	0.007124	0.014671	0.025820	0.019906
	-0.012499	-0.003374	-0.012364	-0.009003	0.009126	-0.034939
	0.002912	0.000407	-0.016495	-0.004566	0.013929	0.015183
	-0.042359					

x499	-0.003783	0.007362	-0.023092	-0.015126	0.015428	-0.021876
	0.010495	0.020658	-0.009950	-0.022605	0.006378	0.008333
	0.002605	-0.011886	0.009725	0.031323	-0.003210	0.003071
	-0.001324	0.009399	0.018182	-0.006404	-0.015590	0.018931
	-0.011679	-0.010403	-0.015358	0.011548	-0.007284	-0.000333
	-0.037128					
y499	-0.000450	0.011278	-0.023890	-0.005121	0.019050	-0.020240
	0.009187	0.011649	0.008378	-0.026510	0.014209	0.012437
	0.004410	-0.013891	0.007328	0.018182	0.012365	-0.004891
	-0.009172	0.007845	0.011081	-0.015456	-0.014712	0.030403
	-0.013701	-0.013695	-0.021648	0.002863	-0.008105	-0.002142
	-0.024621					
z499	-0.012028	0.006944	-0.035418	-0.038921	-0.016293	-0.038933
	0.016871	0.004289	-0.034877	-0.004796	-0.002550	-0.046879
	0.008157	0.018103	0.007090	0.018124	0.026646	0.015601
	-0.013687	-0.007446	-0.012048	-0.017535	0.021725	-0.040794
	-0.005581	-0.002355	-0.016411	-0.019996	0.018252	0.007578
	-0.057746					
x500	-0.002539	0.003918	-0.023886	-0.017724	0.018644	-0.027423
	0.009212	0.021313	-0.008544	-0.018008	0.010521	0.008968
	0.005639	-0.014237	0.009266	0.036602	0.001215	0.002050
	-0.002102	0.004987	0.012763	-0.010231	-0.012779	0.026894
	-0.013290	-0.007480	-0.018655	0.005478	-0.008382	0.001073
	-0.035690					
y500	0.000990	0.007882	-0.022498	-0.009160	0.014351	-0.024493
	0.005738	0.011092	0.004397	-0.021654	0.009547	0.004999
	0.005534	-0.009674	0.005469	0.021067	0.015141	-0.002085
	-0.014914	0.007059	0.007166	-0.010565	-0.007917	0.029242
	-0.010872	-0.007383	-0.028042	-0.006695	-0.001781	0.000292
	-0.024879					
z500	-0.008320	0.000897	-0.032881	-0.033849	-0.018631	-0.042779
	0.015281	0.005908	-0.037104	-0.004083	-0.001047	-0.039948
	0.008667	0.018393	0.009267	0.018979	0.026495	0.005869
	-0.011306	-0.011338	-0.011848	-0.019260	0.022490	-0.039813
	-0.011692	0.004584	-0.020163	-0.014376	0.014046	0.003688
	-0.049149					
x501	-0.000977	0.000549	-0.024945	-0.019909	0.019448	-0.035123
	0.008809	0.023200	-0.009380	-0.012636	0.012283	0.007604
	0.007388	-0.014189	0.007461	0.039182	0.008296	0.003413
	-0.008601	0.002583	0.007487	-0.017674	-0.011394	0.034344
	-0.010959	-0.006686	-0.025366	-0.002096	-0.007539	0.001118
	-0.037438					

y501	0.002603	0.004859	-0.020333	-0.012303	0.008836	-0.026802
	0.002052	0.009403	0.002235	-0.016994	0.006345	0.000509
	0.004054	-0.004677	0.005517	0.022300	0.013623	-0.002723
	-0.013683	0.003348	0.003310	-0.009799	0.000777	0.025508
	-0.009871	-0.000532	-0.035291	-0.011225	0.000556	0.003865
	-0.025745					
z501	-0.006425	-0.005904	-0.030885	-0.031486	-0.019488	-0.044327
	0.014292	0.003904	-0.037350	-0.007876	0.001176	-0.030523
	0.008505	0.016664	0.011791	0.020557	0.032532	-0.001105
	-0.006755	-0.011810	-0.006836	-0.016195	0.027814	-0.037265
	-0.013125	0.007526	-0.022182	-0.018166	0.000577	0.008870
	-0.038374					
x502	0.001415	-0.003486	-0.025859	-0.022096	0.017671	-0.044024
	0.007230	0.025532	-0.010926	-0.007943	0.013703	0.004458
	0.004905	-0.012557	0.005597	0.041132	0.012551	0.001131
	-0.017671	-0.003241	-0.000099	-0.022834	-0.010507	0.034876
	-0.013083	0.000266	-0.033730	-0.011128	0.000367	0.001683
	-0.037095					
y502	0.003861	0.001608	-0.017944	-0.015622	0.003577	-0.026993
	-0.002044	0.007108	0.001223	-0.014195	0.002335	-0.000428
	0.003820	-0.000756	0.007110	0.020277	0.011567	-0.003713
	-0.006418	0.001213	0.003916	-0.007965	0.009017	0.021384
	-0.008734	0.004242	-0.040005	-0.012724	-0.003236	0.007404
	-0.025790					
z502	-0.003714	-0.010437	-0.028384	-0.026768	-0.019270	-0.043723
	0.013539	0.000400	-0.040356	-0.008924	0.003382	-0.021982
	0.012051	0.016863	0.014937	0.014862	0.032710	-0.006806
	-0.003657	-0.009184	-0.006669	-0.015684	0.026528	-0.032121
	-0.002374	0.004602	-0.015467	-0.020634	0.001050	0.007417
	-0.026272					
x503	0.003858	-0.008187	-0.026294	-0.024912	0.014626	-0.052210
	0.004015	0.029174	-0.011731	-0.003923	0.013764	0.002901
	0.000863	-0.009058	0.004208	0.039168	0.014652	-0.002176
	-0.021864	-0.009246	-0.007128	-0.029089	-0.007305	0.034510
	-0.012796	0.006165	-0.043183	-0.018811	0.005337	0.005503
	-0.035960					
y503	0.005433	-0.000883	-0.015404	-0.015715	-0.002242	-0.024609
	-0.005925	0.004377	-0.001145	-0.013377	-0.001411	0.000201
	0.006057	0.001756	0.008535	0.012374	0.008765	-0.005388
	-0.001445	0.004277	0.005864	-0.001582	0.011460	0.015269
	-0.003684	0.006087	-0.034284	-0.009799	-0.001559	0.003598
	-0.018674					

z503	-0.001992	-0.014244	-0.025850	-0.022424	-0.019368	-0.041307
	0.011033	-0.001431	-0.040282	-0.010642	0.001873	-0.015604
	0.017020	0.018785	0.019341	0.010673	0.031401	-0.012595
	-0.004594	-0.008646	-0.003443	-0.016513	0.020120	-0.027824
	0.003251	0.006221	-0.012334	-0.015021	-0.000774	0.004280
	-0.015225					
x504	0.006889	-0.013133	-0.026117	-0.027098	0.009443	-0.058696
	-0.000735	0.032928	-0.012636	-0.002624	0.013704	0.003195
	-0.003732	-0.005235	0.004037	0.032079	0.015919	-0.004506
	-0.023191	-0.012823	-0.012962	-0.032037	-0.005470	0.033425
	-0.007584	0.010320	-0.048987	-0.023032	0.009316	0.006270
	-0.031835					
y504	0.006043	-0.002218	-0.012083	-0.014037	-0.005682	-0.017973
	-0.007610	0.000019	-0.003634	-0.014856	-0.003900	0.000724
	0.008500	0.002961	0.010850	0.005803	0.005438	-0.006018
	0.005469	0.010384	0.010533	0.002756	0.010563	0.012184
	-0.001893	0.003154	-0.022523	-0.002587	-0.005260	0.000155
	-0.011595					
z504	0.000620	-0.018050	-0.024349	-0.018281	-0.019663	-0.039839
	0.009939	-0.007902	-0.040554	-0.013504	0.001231	-0.005635
	0.016088	0.020044	0.021968	0.010534	0.030298	-0.018975
	-0.000104	-0.008646	-0.002770	-0.018569	0.017921	-0.015393
	0.000250	0.003621	-0.011871	-0.013439	-0.004004	0.001210
	-0.012376					
x505	0.009923	-0.018155	-0.024793	-0.027180	0.003688	-0.061362
	-0.006534	0.037008	-0.013951	-0.004133	0.013474	0.005242
	-0.008179	-0.002503	0.006710	0.019239	0.017193	-0.004841
	-0.023681	-0.012813	-0.016191	-0.032219	-0.006139	0.033026
	0.001319	0.010248	-0.049178	-0.019733	0.012132	0.004465
	-0.024498					
y505	0.005358	-0.001964	-0.009919	-0.010668	-0.007477	-0.009172
	-0.006520	-0.002740	-0.005358	-0.015653	-0.006072	-0.002293
	0.010977	0.002649	0.010764	0.002905	0.003332	-0.006410
	0.011008	0.012957	0.013973	0.003714	0.006498	0.009348
	-0.005312	0.001501	-0.008439	0.007226	-0.004347	-0.001708
	-0.003497					
z505	0.002493	-0.021865	-0.022981	-0.015535	-0.020737	-0.039106
	0.004675	-0.008165	-0.037246	-0.018362	0.001843	-0.001480
	0.015055	0.018499	0.024378	0.010773	0.022695	-0.028831
	-0.001732	-0.011331	-0.005728	-0.009503	0.017174	-0.011921
	-0.004727	0.008272	-0.005104	-0.017119	-0.002037	0.008396
	-0.005605					

x506	0.011739	-0.022028	-0.023672	-0.026071	0.000228	-0.060679
	-0.011414	0.040768	-0.015516	-0.008334	0.012155	0.006664
	-0.013310	-0.002668	0.009503	0.003253	0.021602	-0.004239
	-0.021745	-0.013372	-0.017499	-0.030033	-0.010104	0.031271
	0.007385	0.004966	-0.043957	-0.014930	0.012809	0.004509
	-0.011131					
y506	0.003617	-0.001182	-0.006810	-0.007721	-0.008533	-0.000902
	-0.004621	-0.004552	-0.005189	-0.012902	-0.004151	-0.002759
	0.011459	0.001119	0.007976	0.006420	0.005149	-0.006078
	0.013561	0.008717	0.015416	0.005667	-0.001733	0.001309
	-0.011587	0.006880	0.002221	0.011409	-0.004727	-0.008914
	-0.001391					
z506	0.003225	-0.024522	-0.021284	-0.012411	-0.025445	-0.034009
	-0.000641	-0.010224	-0.035211	-0.018060	0.007341	0.004244
	0.011780	0.017678	0.025919	0.012189	0.018843	-0.037550
	-0.005120	-0.016809	-0.008009	-0.011555	0.011708	-0.002098
	0.001063	0.011730	-0.004826	-0.013715	-0.001394	0.002270
	-0.013929					
x507	0.012439	-0.025091	-0.023437	-0.025237	-0.003165	-0.054530
	-0.015767	0.041434	-0.017835	-0.012693	0.014812	0.003324
	-0.023632	-0.006051	0.014821	-0.011514	0.035085	-0.004624
	-0.019105	-0.019051	-0.021828	-0.024130	-0.020139	0.027054
	0.010160	-0.003012	-0.035719	-0.007176	0.013475	0.007459
	0.006427					
y507	-0.000600	0.000497	0.000949	-0.004573	-0.002394	0.008608
	-0.001816	-0.016730	-0.008520	-0.001317	-0.009014	0.002001
	0.014779	-0.002682	0.007322	0.008214	0.004889	-0.002300
	0.017638	0.012469	0.016445	0.011472	-0.006457	0.001180
	-0.012446	0.006719	0.012053	0.003467	-0.015278	-0.011686
	0.008004					
z507	0.003509	-0.024446	-0.021992	-0.007494	-0.030529	-0.034356
	-0.001477	-0.009952	-0.032435	-0.020412	0.008842	0.008991
	0.005561	0.019427	0.026912	0.009091	0.018418	-0.039850
	-0.006973	-0.008908	-0.004934	-0.016525	0.013515	0.009046
	0.005638	0.003463	-0.004820	-0.016328	-0.006684	0.007334
	-0.014079					
x508	0.010934	-0.025748	-0.023840	-0.024376	-0.008798	-0.041319
	-0.016240	0.038766	-0.018027	-0.016757	0.019657	-0.006644
	-0.032396	-0.001398	0.009247	-0.011672	0.032648	-0.013443
	-0.022603	-0.017285	-0.031081	-0.020568	-0.026483	0.021880
	0.012708	-0.002457	-0.029031	-0.010074	0.015763	0.003279
	0.021677					

y508	-0.004452	0.004049	0.007048	0.003775	0.002464	0.017666
	0.001967	-0.021578	-0.008728	0.006370	-0.011354	0.007896
	0.023559	-0.007329	0.003652	0.011703	-0.002735	-0.002943
	0.015584	0.016196	0.016230	0.015138	-0.002680	-0.000434
	-0.008574	0.000503	0.021606	0.001781	-0.017071	-0.014632
	0.009605					
z508	0.002921	-0.021974	-0.023972	-0.004433	-0.034522	-0.034419
	-0.004767	-0.004752	-0.029009	-0.020694	0.006528	0.008783
	-0.000398	0.020753	0.027404	0.003052	0.010320	-0.047592
	-0.012248	-0.005896	-0.004217	-0.016470	0.009861	0.007572
	0.003359	0.000968	-0.002227	-0.009585	0.003866	0.008546
	-0.000575					
x509	0.009978	-0.024444	-0.024465	-0.021929	-0.011356	-0.032498
	-0.013489	0.036773	-0.015057	-0.024376	0.022284	-0.014920
	-0.036144	0.006291	0.005850	-0.012972	0.026235	-0.018694
	-0.026859	-0.015171	-0.031531	-0.024659	-0.027072	0.015806
	0.010607	0.000053	-0.023040	-0.011472	0.017818	-0.003969
	0.036436					
y509	-0.005990	0.007372	0.003447	0.010062	-0.000507	0.020280
	0.007313	-0.026661	-0.008725	0.002624	-0.012237	0.001968
	0.025932	-0.005643	0.006841	0.013028	-0.005128	-0.011255
	0.010408	0.016998	0.023363	0.000567	0.003194	-0.001552
	-0.010780	-0.007099	0.025514	0.001586	-0.016518	-0.007517
	0.003468					
z509	0.001418	-0.021834	-0.023822	-0.004059	-0.036916	-0.029355
	-0.009114	-0.003435	-0.026881	-0.019072	0.006108	0.014604
	-0.008963	0.022050	0.025321	0.005890	0.010307	-0.042187
	-0.012288	-0.009905	-0.008044	-0.016640	0.004111	0.013065
	0.000752	0.003455	-0.001638	-0.010553	0.007198	0.011469
	0.010721					
x510	0.007634	-0.023958	-0.019446	-0.019531	-0.013269	-0.023691
	-0.013654	0.037787	-0.011256	-0.022408	0.026264	-0.008473
	-0.041661	0.015773	-0.000321	-0.010347	0.021517	-0.012653
	-0.018535	-0.016380	-0.037635	-0.014168	-0.019089	0.013001
	0.008407	0.010268	-0.020743	-0.009999	0.015596	-0.003562
	0.044000					
y510	-0.008062	0.007640	0.000836	0.012019	-0.001848	0.018150
	0.009214	-0.026963	-0.013092	0.003416	-0.015234	0.001552
	0.033360	-0.006479	0.010173	0.016640	-0.005929	-0.019320
	0.004854	0.015984	0.034294	-0.013692	0.003668	0.005494
	-0.017199	-0.014110	0.027417	0.002179	-0.017788	-0.006360
	-0.007551					

z510	-0.000826	-0.021533	-0.022668	-0.006217	-0.037340	-0.025821
	-0.015008	-0.000143	-0.024076	-0.017021	0.010205	0.019701
	-0.013643	0.021329	0.017457	0.006522	0.009204	-0.037660
	-0.013092	-0.013100	-0.011448	-0.009148	0.002708	0.012439
	-0.000493	0.004368	-0.004355	-0.012588	0.003569	0.006786
	0.007802					
x511	0.004070	-0.021545	-0.013470	-0.015092	-0.016427	-0.017018
	-0.013264	0.037143	-0.005933	-0.016444	0.027989	0.001467
	-0.045445	0.021051	-0.006385	-0.007904	0.018274	-0.008032
	-0.007254	-0.019760	-0.044599	-0.000701	-0.005226	0.006562
	0.008639	0.020463	-0.021321	-0.006600	0.008661	0.003578
	0.045311					
y511	-0.011854	0.010307	0.001962	0.017144	-0.006511	0.014962
	0.011765	-0.029635	-0.008247	0.006354	-0.020275	0.003331
	0.035332	-0.009357	0.008820	0.014698	-0.007773	-0.025510
	0.000737	0.012321	0.034839	-0.016467	0.011450	0.007546
	-0.013160	-0.015814	0.024553	0.003229	-0.014416	-0.005045
	-0.021726					
z511	-0.002158	-0.019729	-0.023138	-0.007596	-0.035240	-0.022971
	-0.016724	-0.003297	-0.018299	-0.017836	0.011597	0.018614
	-0.018133	0.021570	0.016711	0.003884	0.008139	-0.033956
	-0.015522	-0.008967	-0.011919	-0.006643	0.002849	0.010036
	0.002295	0.002492	-0.010626	-0.008734	0.010430	-0.007428
	0.012406					
x512	0.001099	-0.018934	-0.013166	-0.011785	-0.015676	-0.013292
	-0.010591	0.029744	-0.008093	-0.012195	0.025850	0.004097
	-0.041179	0.019885	-0.002900	-0.004292	0.013063	-0.012009
	-0.007905	-0.016671	-0.038773	-0.002366	-0.000142	-0.000648
	0.005430	0.016642	-0.019817	-0.005470	-0.001534	0.008556
	0.043749					
y512	-0.014898	0.011001	0.003201	0.019330	-0.009222	0.010334
	0.012636	-0.031625	-0.006701	0.010152	-0.026401	0.004471
	0.040006	-0.015269	0.007772	0.015687	-0.009838	-0.027608
	-0.007950	0.010564	0.038978	-0.020032	0.005591	0.010175
	-0.011547	-0.022384	0.023957	-0.002366	-0.011624	-0.007414
	-0.033250					
z512	-0.003439	-0.018318	-0.026026	-0.009939	-0.034455	-0.019288
	-0.017219	-0.003743	-0.010720	-0.020042	0.012596	0.015524
	-0.023825	0.026557	0.014869	-0.004941	0.013696	-0.034928
	-0.013316	-0.006507	-0.014589	-0.011054	0.000109	0.009805
	0.007116	-0.001844	-0.013815	-0.007495	0.013510	-0.011059
	0.023406					

x513	-0.002041	-0.015730	-0.009508	-0.007025	-0.018872	-0.008641
	-0.007339	0.025983	-0.004353	-0.009842	0.026861	0.013437
	-0.041617	0.021849	-0.003184	0.006948	-0.000773	-0.006623
	-0.010284	-0.017248	-0.040611	0.007883	0.018753	-0.006088
	0.009804	0.018201	-0.013198	-0.008010	-0.001686	0.019775
	0.026048					
y513	-0.018202	0.009472	0.010440	0.019552	-0.014745	0.006805
	0.008305	-0.020948	-0.001458	0.017516	-0.028226	0.017399
	0.039827	-0.016692	-0.004670	0.024186	-0.013505	-0.012831
	-0.006930	0.002411	0.035042	-0.005537	0.004385	0.015972
	-0.007576	-0.020280	0.022906	-0.011699	-0.006478	-0.007161
	-0.043981					
z513	-0.003470	-0.017906	-0.033364	-0.017860	-0.026996	-0.015640
	-0.016143	-0.008325	-0.016347	-0.025164	0.014050	0.005960
	-0.022205	0.027881	0.022871	-0.010170	0.021437	-0.036736
	-0.020507	0.001311	-0.001619	-0.024829	-0.005888	0.012304
	0.003392	-0.014038	-0.006379	-0.009898	0.005260	-0.016564
	0.043122					
x514	-0.004101	-0.011916	-0.013934	-0.005705	-0.016077	-0.006827
	0.000580	0.005648	-0.010040	-0.011243	0.018366	0.003316
	-0.031443	0.016619	0.009003	0.001624	-0.002752	-0.019683
	-0.025586	-0.006609	-0.019546	-0.010838	0.013956	-0.006415
	0.004373	0.005437	0.000010	-0.008914	0.001224	0.016390
	0.009695					
y514	-0.021552	0.009163	0.019036	0.021217	-0.022118	0.002527
	0.006474	-0.020909	0.012329	0.023271	-0.028714	0.020302
	0.031049	-0.015924	-0.017607	0.019555	-0.014792	0.000893
	-0.004057	-0.009837	0.026297	0.013060	0.007619	0.019484
	0.005192	-0.010185	0.017213	-0.020496	0.003172	-0.007710
	-0.043431					
z514	-0.004615	-0.014779	-0.035095	-0.019675	-0.024879	-0.011396
	-0.012828	-0.018549	-0.008683	-0.029051	0.019302	-0.003695
	-0.031779	0.030961	0.028398	-0.018198	0.022175	-0.035827
	-0.018027	0.007986	-0.002027	-0.023875	0.005836	0.006411
	0.008431	-0.010462	-0.004791	-0.004075	0.002245	-0.006958
	0.054356					
x515	-0.007551	-0.009839	-0.020856	-0.003899	-0.019629	-0.006782
	0.004041	0.003050	-0.014058	-0.008150	0.007500	-0.006983
	-0.015032	0.010618	0.010348	-0.003630	-0.000620	-0.038109
	-0.029846	-0.000977	0.000950	-0.030900	0.001610	-0.008388
	-0.005752	-0.005218	0.006767	-0.002704	0.011536	0.014394
	-0.005602					

y515	-0.019612	0.004783	0.017937	0.013900	-0.020609	-0.000080
	0.003292	-0.011765	0.006833	0.020079	-0.020408	0.018710
	0.036666	-0.014331	-0.023028	0.030923	-0.012392	0.007941
	-0.021772	-0.017288	0.041321	0.007980	-0.007523	0.019917
	0.002726	-0.014609	0.017940	-0.029150	0.004129	-0.019162
	-0.016172					
z515	-0.005598	-0.015305	-0.025698	-0.024784	-0.020971	-0.005343
	-0.018282	-0.007005	-0.006595	-0.020495	0.030275	0.021233
	-0.037427	0.032943	0.021192	0.004641	0.019592	-0.006159
	-0.000169	0.012527	-0.013525	0.002667	0.020345	0.001294
	0.010230	0.003125	-0.003979	0.004117	-0.007499	0.009451
	0.059072					
x516	-0.012804	-0.008244	-0.012501	-0.002031	-0.021129	-0.006609
	0.002330	-0.003431	-0.015837	0.000474	-0.001488	0.001452
	-0.008313	0.008241	0.001519	-0.003904	0.003165	-0.030826
	-0.020721	-0.008288	0.012160	-0.027950	-0.001393	-0.001571
	-0.004355	-0.005766	0.012206	-0.010616	0.021451	0.007146
	-0.017557					
y516	-0.018961	0.006159	0.011352	0.010826	-0.017456	-0.006806
	0.001799	-0.005161	0.008948	0.002232	-0.023887	0.012414
	0.037138	-0.007168	-0.028996	0.013551	-0.006095	0.002633
	-0.024458	-0.027314	0.043736	-0.004874	-0.011496	0.015861
	0.017536	-0.005249	0.014855	-0.029735	0.007860	-0.038010
	0.034196					
z516	-0.005627	-0.016244	-0.024832	-0.028443	-0.017988	0.003681
	-0.021354	0.001741	-0.004028	-0.006232	0.039097	0.034651
	-0.033537	0.034961	0.020428	0.022027	0.027309	0.006404
	0.022261	0.028168	-0.026983	0.004560	0.023651	-0.002888
	0.005905	0.000260	-0.008704	0.016453	-0.016534	0.022856
	0.027230					
x517	-0.016873	-0.006682	-0.005014	0.000272	-0.023439	-0.007190
	0.001820	-0.006254	-0.001919	-0.003533	-0.004746	0.010009
	-0.007206	0.014973	-0.011308	0.004461	-0.001730	-0.014068
	-0.020082	-0.005370	0.016645	-0.021693	0.000161	0.006251
	0.011095	-0.002646	0.017916	-0.021504	0.009647	0.012586
	-0.003832					
y517	-0.018256	0.003785	0.006597	0.007662	-0.021623	-0.003837
	0.005422	-0.004996	0.008330	0.007433	-0.020088	-0.006884
	0.028309	-0.003105	-0.030451	0.003477	-0.001011	-0.009114
	-0.014606	-0.035407	0.032445	-0.018365	-0.004350	-0.004598
	0.031080	-0.005265	0.018671	-0.024919	0.017519	-0.039561
	0.040755					

z517	-0.004653	-0.012935	-0.029224	-0.027949	-0.015258	0.002889
	-0.017912	0.000216	-0.001939	-0.011806	0.047640	0.028632
	-0.030802	0.029887	0.025006	0.025148	0.022866	-0.008762
	0.023431	0.040697	-0.031982	-0.002064	0.021213	-0.009852
	-0.005315	-0.017303	-0.005961	0.020275	-0.011077	0.040232
	-0.004725					
x518	-0.019915	-0.006216	-0.001193	0.001068	-0.028968	-0.004693
	-0.000162	-0.004363	0.015061	-0.002360	-0.006656	0.017743
	-0.009323	0.025750	-0.020191	0.010070	-0.000622	-0.000723
	-0.011562	-0.003484	0.006738	-0.008034	0.011597	0.003849
	0.025082	0.004861	0.019681	-0.025478	0.007002	0.030495
	0.003957					
y518	-0.017528	0.000688	0.003044	0.006286	-0.019960	-0.003941
	0.011374	-0.011249	0.001472	0.009707	-0.019599	-0.023817
	0.019467	-0.000551	-0.020454	-0.002891	-0.003085	-0.017354
	-0.018702	-0.030696	0.033892	-0.026428	-0.013120	-0.019104
	0.021278	-0.018826	0.026175	-0.028674	0.017061	-0.021596
	0.033179					
z518	-0.007890	-0.007756	-0.023220	-0.024511	-0.014079	-0.003824
	-0.013343	-0.008942	0.006760	-0.026104	0.043095	0.017886
	-0.033653	0.024946	0.029907	0.012603	0.014815	-0.022140
	0.019783	0.044514	-0.039023	0.006834	0.025039	-0.014322
	-0.013261	-0.020520	-0.001100	0.026830	0.001393	0.054812
	-0.011042					
x519	-0.022869	-0.009432	0.001011	-0.002469	-0.033225	-0.001694
	-0.006758	0.003991	0.016648	0.006568	-0.002495	0.028612
	0.001258	0.030030	-0.030588	0.026029	0.008196	0.003654
	-0.001844	-0.006365	0.005486	-0.011423	-0.001028	0.004190
	0.030304	0.014209	0.004932	-0.015676	0.006948	0.012848
	-0.002848					
y519	-0.011921	-0.000525	0.000135	0.004630	-0.012733	-0.005696
	0.014898	-0.011824	-0.008123	0.013837	-0.019652	-0.027339
	0.017289	-0.007450	-0.015412	0.003012	-0.011781	0.001620
	-0.011844	-0.034783	0.025975	-0.016481	-0.015835	-0.019673
	0.029262	-0.004397	0.026288	-0.023001	0.011719	-0.005707
	0.023047					
z519	-0.007940	-0.003334	-0.013352	-0.024919	-0.010512	-0.007653
	-0.014310	-0.012432	0.011249	-0.037809	0.044899	0.022692
	-0.031104	0.022407	0.027593	0.014865	0.007571	-0.025189
	0.013656	0.043071	-0.039296	0.012022	0.015923	-0.013967
	-0.017841	-0.019089	-0.004003	0.035963	0.004756	0.046223
	-0.014929					

x520	-0.028071	-0.010115	0.014036	-0.007215	-0.038793	-0.003254
	-0.011238	0.003038	0.027120	0.005884	0.009461	0.039151
	-0.003382	0.046600	-0.028060	0.040223	0.012508	-0.020329
	-0.021520	0.001613	0.031803	-0.028374	-0.017065	-0.015153
	0.021813	0.003077	-0.002148	0.001276	0.000968	0.009800
	-0.001232					
y520	-0.007268	-0.002304	-0.006443	0.007223	-0.007347	-0.010747
	0.014936	-0.009623	-0.013181	0.021494	-0.028127	-0.027514
	0.011270	-0.012867	-0.024693	-0.007018	-0.005617	0.003645
	0.000815	-0.032168	0.020762	-0.031068	-0.021742	-0.014313
	0.036911	0.012494	0.018148	0.001125	0.004069	-0.002893
	0.013562					
z520	-0.006810	-0.000702	-0.017593	-0.022243	0.000127	-0.020559
	-0.015401	-0.001341	0.001724	-0.032743	0.017698	0.026924
	-0.006263	-0.011252	0.016751	0.015133	-0.005399	0.015494
	0.053567	0.035404	-0.054990	0.054928	0.029561	0.005032
	-0.002338	0.020860	0.005199	0.040557	0.018805	0.060404
	-0.008946					
x521	-0.030182	-0.008870	0.016939	-0.011322	-0.037010	-0.010840
	-0.011560	0.008134	0.027480	0.001155	0.009421	0.038054
	-0.002292	0.047995	-0.017130	0.043257	0.012975	-0.023002
	-0.025297	0.001431	0.040011	-0.027133	-0.013618	-0.026193
	0.011445	-0.006577	0.006437	0.011792	-0.007152	0.021408
	-0.003147					
y521	-0.001607	-0.009561	-0.014077	0.007686	0.000267	-0.007139
	0.012172	-0.003693	-0.023872	0.024266	-0.033403	-0.035890
	0.005978	-0.016362	-0.027014	-0.004058	-0.000560	0.022120
	-0.002833	-0.017459	0.012496	-0.031145	-0.030249	-0.000474
	0.018634	0.006867	0.027215	0.004194	-0.008396	-0.006487
	0.005918					
z521	-0.011176	0.005712	-0.010324	-0.016655	0.002040	-0.026942
	-0.012590	0.000306	0.014915	-0.045197	-0.001408	0.022879
	0.001043	-0.023133	0.018993	-0.003173	-0.025152	0.040775
	0.056703	0.035140	-0.061262	0.101618	0.043042	0.021087
	0.005786	0.030728	0.021570	0.026450	0.037588	0.072970
	-0.009823					
x522	-0.032342	-0.003362	0.022705	-0.004203	-0.042256	-0.014181
	-0.008874	-0.006550	0.049726	-0.013966	0.005711	0.020095
	-0.023480	0.057979	-0.002095	0.009539	0.015828	-0.043447
	-0.031532	0.003029	0.026434	-0.033715	-0.004020	-0.032242
	0.008564	-0.030576	0.020966	0.035372	-0.002905	0.014708
	-0.009039					

y522	0.003878	-0.018844	-0.019622	0.010441	0.004346	0.007098
	0.006117	0.012367	-0.034008	0.035256	-0.034472	-0.049966
	0.002576	-0.017907	-0.003704	0.015146	0.013719	0.041369
	-0.001715	-0.008979	0.001054	-0.019678	-0.023146	0.021716
	0.002607	0.017871	0.022565	-0.009275	-0.025071	-0.035517
	-0.029963					
z522	-0.008695	0.006280	0.002813	-0.017961	0.006079	-0.029323
	-0.016550	0.011616	0.012673	-0.042091	-0.002046	0.042366
	0.014860	-0.028845	0.008460	-0.007711	-0.032589	0.051015
	0.043518	0.030855	-0.047232	0.107234	0.013760	0.041652
	-0.001943	0.016426	0.034585	0.008995	0.042313	0.056772
	-0.004312					
x523	-0.022444	-0.012569	0.025564	-0.004670	-0.029718	-0.024938
	-0.023281	0.001817	0.025061	-0.003133	0.003470	0.019450
	-0.015833	0.048997	-0.001848	0.046655	0.027352	-0.023909
	-0.019545	0.000770	0.023491	-0.066186	-0.041499	-0.027890
	-0.005118	-0.035077	0.027384	0.048585	-0.016550	-0.019400
	-0.009721					
y523	0.016695	-0.017760	-0.028399	0.012441	0.011300	0.016562
	0.015644	0.020139	-0.045038	0.052590	-0.038237	-0.049606
	0.000985	-0.022906	-0.015697	0.024448	0.015074	0.055758
	0.034405	-0.022233	-0.024386	0.002334	0.003180	0.038153
	-0.000736	0.054563	-0.006320	-0.022193	-0.029905	-0.011455
	-0.046115					
z523	-0.000053	0.008563	0.011874	-0.019819	0.013799	-0.032856
	-0.013759	0.018598	-0.001722	-0.032775	0.004627	0.067813
	0.034938	-0.040473	-0.017668	0.000152	-0.045173	0.060763
	0.036003	0.015584	-0.014150	0.088009	-0.010794	0.056228
	-0.006760	0.028411	0.029364	-0.008822	0.042709	0.022641
	-0.005687					
x524	-0.010538	-0.012068	0.011774	-0.007036	-0.032082	0.006106
	-0.009710	0.003529	0.027936	0.016129	0.008719	-0.009728
	-0.035805	0.066914	0.011990	0.040745	0.021190	-0.026166
	-0.006046	0.004410	0.011184	-0.030266	0.001042	0.003349
	-0.030262	-0.014506	0.017024	0.053109	-0.041579	-0.005002
	-0.014549					
y524	0.025103	-0.018014	-0.051615	-0.009416	0.009731	0.053939
	0.033218	0.027664	-0.074626	0.083190	-0.022301	-0.029097
	0.023685	-0.019024	-0.064077	0.041681	0.011744	0.082156
	0.065471	-0.025023	-0.041400	0.044357	0.015801	0.078199
	-0.016555	0.082133	-0.051065	-0.021498	-0.030070	0.023590
	-0.049679					

z524	0.010885	0.016387	0.025819	-0.008328	0.030188	-0.053847
	-0.017800	0.007678	-0.012102	-0.029596	0.015463	0.103625
	0.033570	-0.051927	-0.036818	0.008678	-0.045662	0.032723
	0.025270	-0.006527	0.032893	0.006960	-0.061858	0.036332
	0.013658	0.017665	0.010979	-0.009310	0.070859	-0.022196
	-0.033921					
x525	-0.028256	-0.024648	-0.041639	-0.076998	-0.072367	0.153495
	0.026852	-0.006273	-0.010496	0.033009	0.038870	-0.036992
	-0.011973	0.090183	-0.038905	-0.004149	0.042806	-0.002458
	-0.052931	-0.010935	-0.012621	0.047055	0.090715	0.001207
	-0.039737	-0.019628	-0.010214	0.000789	-0.054256	0.005057
	-0.009898					
y525	0.007094	-0.018392	-0.054430	-0.030190	0.025895	0.077169
	-0.001483	0.055374	-0.087208	0.059689	-0.065418	0.015644
	0.020873	-0.043096	-0.056427	0.027940	0.020899	0.096155
	0.070432	-0.005150	-0.061633	-0.003783	-0.018382	-0.014719
	-0.007987	0.077566	-0.033935	-0.062656	0.016161	0.041585
	0.003631					
z525	-0.002464	0.021111	0.012718	-0.050138	0.010378	0.049271
	-0.005265	-0.017690	-0.011452	-0.005273	0.043060	0.103025
	0.026645	-0.039886	-0.015578	-0.042537	-0.015495	-0.006659
	-0.014261	0.004949	0.053615	-0.002545	-0.042533	-0.008192
	0.021591	0.036879	-0.007784	-0.022266	0.094802	-0.029238
	-0.092949					
x526	0.002106	-0.022548	-0.046579	0.004399	0.008098	-0.018056
	-0.003936	-0.037839	-0.006918	0.019138	0.015277	0.012409
	0.012494	-0.026709	0.028585	0.004691	0.005364	-0.012860
	0.024560	-0.005446	-0.038339	0.011950	0.061153	0.019839
	-0.002503	-0.012638	0.002540	-0.052064	-0.020891	-0.008662
	-0.020387					
y526	-0.010096	0.006848	0.015526	0.042806	0.014623	0.042586
	0.020034	-0.015457	-0.036790	0.033863	-0.023964	-0.008506
	0.018688	0.006692	0.009005	0.011274	-0.001181	-0.042053
	0.017096	-0.035285	0.036746	-0.000799	0.033922	-0.001826
	0.034571	0.023844	-0.048034	-0.029737	-0.020169	0.018221
	0.049324					
z526	0.004186	0.035436	-0.034118	0.009797	0.007543	-0.044850
	-0.010987	0.002956	-0.051389	-0.038186	-0.016217	0.002480
	0.077190	-0.057560	-0.020506	0.016856	-0.022627	0.068987
	0.024706	-0.049647	-0.009437	-0.006860	-0.053417	0.016135
	-0.031733	0.116796	-0.019398	0.041995	-0.128278	0.001435
	-0.015831					

x527	-0.004393	-0.015743	-0.028226	-0.006533	0.011400	-0.021186
	-0.010075	-0.024236	0.004966	-0.014815	0.014817	0.031672
	-0.001016	-0.000015	0.038940	-0.009748	-0.001617	-0.045587
	-0.039875	-0.019377	-0.017054	-0.000293	0.001578	0.032243
	0.023292	0.002709	-0.020319	0.002056	-0.036365	0.018915
	0.023731					
y527	-0.005824	0.008356	0.008135	0.043803	0.014098	0.032109
	0.023198	-0.009909	-0.045106	0.025601	-0.033073	-0.012352
	0.039116	0.002721	0.011522	0.018337	-0.008161	-0.015655
	0.020354	-0.035664	0.043571	0.001251	0.016587	-0.001459
	0.026095	0.037611	-0.044964	-0.019505	-0.024566	0.021769
	0.051772					
z527	-0.000943	-0.002493	0.006317	0.003995	0.006712	0.004777
	0.008151	0.003787	0.001269	0.012774	0.004999	-0.019330
	-0.000342	-0.010799	-0.002291	-0.003971	0.001266	0.004506
	0.008361	-0.007944	-0.011825	-0.003585	-0.026124	-0.002615
	-0.002722	0.018869	-0.012104	0.006409	-0.020643	0.011577
	0.010450					
x528	-0.003200	-0.029814	-0.021651	-0.015925	0.003430	-0.020850
	-0.009593	-0.022684	0.007601	0.004750	0.011097	0.012601
	-0.000551	0.000011	0.027724	-0.004019	-0.004014	-0.038556
	-0.034721	0.000819	-0.039613	0.001756	-0.022221	0.043915
	0.016584	0.008503	-0.019830	-0.004935	-0.025350	0.025878
	0.028505					
y528	-0.005930	0.008711	0.015258	0.039900	0.019039	0.037484
	0.023316	-0.002851	-0.039053	0.022065	-0.019919	-0.009015
	0.032735	0.015144	0.006017	0.003301	-0.010029	-0.034320
	0.005114	-0.026936	0.043670	-0.005202	0.027889	-0.001847
	0.026063	0.020986	-0.034004	-0.026304	-0.015205	0.002296
	0.048127					
z528	0.001719	0.004962	0.011956	0.003087	0.004781	0.008160
	0.004135	0.012874	-0.005755	0.020166	0.004901	-0.020961
	-0.009591	0.000944	-0.011432	0.003064	0.006677	0.018204
	0.014631	0.007612	0.001797	-0.013459	-0.016528	-0.008778
	-0.015315	-0.000691	-0.007439	-0.002676	-0.008163	-0.011688
	0.004393					
x529	-0.000295	-0.033218	-0.021585	-0.020760	0.003619	-0.018576
	-0.007979	-0.016096	0.002405	0.011149	0.003964	0.010274
	0.001343	-0.004464	0.019704	-0.003538	-0.009832	-0.023013
	-0.022955	0.006983	-0.040195	0.002258	-0.020054	0.042430
	0.026302	-0.000186	-0.015928	-0.005447	-0.008159	0.017865
	0.033535					

y529	-0.005557	0.005719	0.020778	0.032381	0.021494	0.039051
	0.023938	0.002628	-0.032155	0.022705	-0.010015	-0.010858
	0.033016	0.017609	-0.000353	-0.002965	-0.008098	-0.043395
	0.000772	-0.022488	0.035271	-0.002182	0.028631	-0.002784
	0.022067	0.018545	-0.024592	-0.031444	-0.009781	-0.009353
	0.039867					
z529	0.005204	0.015292	0.011061	0.005218	0.004345	0.005782
	0.000477	0.016749	-0.009087	0.018485	0.004140	-0.020547
	-0.006978	0.001375	-0.016862	-0.005842	0.011614	0.027633
	0.021797	0.006541	0.007395	-0.010667	-0.007203	-0.028520
	-0.007799	-0.001091	-0.013675	-0.009702	-0.008221	-0.023667
	-0.008696					
x530	0.000806	-0.038870	-0.024914	-0.025979	0.003379	-0.015551
	-0.006878	-0.009372	0.004180	0.015621	0.003096	0.003173
	0.006796	-0.024785	0.017758	-0.003276	-0.021525	-0.011415
	-0.010321	0.009228	-0.041261	0.016193	-0.014656	0.025201
	0.039304	-0.003405	-0.024329	-0.021306	-0.005408	0.008115
	0.024629					
y530	-0.005050	0.001852	0.027456	0.024783	0.024149	0.041627
	0.026831	0.008074	-0.026348	0.021774	-0.004549	-0.008886
	0.029987	0.025509	-0.002461	-0.007478	-0.005918	-0.047006
	-0.002268	-0.019250	0.032102	-0.005115	0.026919	0.003156
	0.016344	0.012578	-0.011575	-0.028089	0.002797	-0.016500
	0.037996					
z530	0.006602	0.019161	0.012437	0.007105	0.004117	0.004448
	-0.000934	0.014916	-0.007661	0.018182	0.003437	-0.019499
	-0.013306	0.007872	-0.017678	-0.009046	0.012006	0.025570
	0.026321	0.005803	0.007122	-0.019623	-0.010014	-0.029375
	-0.010428	0.003054	-0.014752	-0.007791	-0.001861	-0.020778
	-0.008710					
x531	0.001055	-0.043696	-0.025387	-0.029970	0.000438	-0.013047
	-0.007116	-0.005443	0.001556	0.018081	0.001480	0.000957
	0.002967	-0.027362	0.016758	-0.002712	-0.023958	-0.002108
	-0.009325	0.012382	-0.036544	0.019925	-0.013015	0.016222
	0.037877	-0.008989	-0.028476	-0.025507	0.005797	0.000728
	0.022592					
y531	-0.004528	-0.001393	0.032998	0.014468	0.028994	0.044223
	0.029477	0.015242	-0.020730	0.021619	0.002998	-0.010106
	0.030481	0.025803	-0.005677	-0.012213	-0.008524	-0.048139
	-0.000316	-0.018014	0.025927	-0.001977	0.028185	0.004686
	0.015272	0.010031	-0.001559	-0.026758	0.009074	-0.024969
	0.032009					

z531	0.005634	0.027609	0.013798	0.010118	0.005488	0.003600
	-0.006801	0.015664	-0.009790	0.009014	0.006240	-0.014436
	-0.016885	0.019793	-0.010465	-0.009644	0.015943	0.019771
	0.010276	0.006632	0.013996	-0.023104	-0.008997	-0.015995
	-0.016699	0.002440	-0.006729	0.000747	-0.009325	-0.017379
	-0.009199					
x532	0.001572	-0.044077	-0.026267	-0.032540	-0.001075	-0.012287
	-0.009326	-0.002439	-0.002786	0.015414	0.000088	0.003753
	-0.001270	-0.026567	0.015072	-0.001319	-0.021669	0.003887
	-0.010817	0.011763	-0.027407	0.017213	-0.010820	0.017100
	0.031505	-0.012625	-0.026099	-0.024953	0.012490	-0.005775
	0.015344					
y532	-0.003534	-0.005032	0.037502	0.005092	0.033622	0.044902
	0.032249	0.020760	-0.016156	0.024399	0.011273	-0.013029
	0.032747	0.023187	-0.010379	-0.014659	-0.011998	-0.049467
	0.003437	-0.015900	0.017845	0.003014	0.028119	-0.001140
	0.015644	0.008319	0.002205	-0.028453	0.010347	-0.032946
	0.028584					
z532	0.005533	0.036035	0.013372	0.016687	0.003887	-0.000608
	-0.012082	0.011553	-0.010874	0.004076	0.008929	-0.012227
	-0.015382	0.026356	-0.009089	-0.009096	0.018306	0.016179
	0.000774	0.008803	0.013141	-0.023125	-0.010843	-0.011834
	-0.018755	0.005092	-0.002325	0.006578	-0.019127	-0.012556
	-0.008250					
x533	0.002149	-0.044290	-0.027503	-0.031053	-0.003807	-0.012816
	-0.008573	-0.000806	-0.001271	0.013795	-0.000885	0.002479
	0.002177	-0.028946	0.018305	0.003953	-0.018334	0.008817
	-0.014195	0.012914	-0.022913	0.017805	-0.013212	0.011391
	0.030280	-0.013657	-0.026824	-0.028933	0.009889	-0.005898
	0.012056					
y533	-0.002505	-0.009320	0.041496	-0.005222	0.038977	0.045106
	0.035537	0.024990	-0.012332	0.026950	0.019055	-0.013738
	0.033639	0.021200	-0.014219	-0.015195	-0.014546	-0.050620
	0.010181	-0.016443	0.010980	0.008376	0.031255	-0.004297
	0.010344	0.007842	0.009387	-0.030905	0.014887	-0.039974
	0.023665					
z533	0.005233	0.041927	0.012493	0.024160	0.003329	-0.003874
	-0.014826	0.006066	-0.010105	0.001263	0.009867	-0.013203
	-0.014181	0.033034	-0.006104	-0.004348	0.021143	0.011816
	-0.002576	0.012700	0.010626	-0.016154	-0.007533	-0.010017
	-0.025687	0.011532	-0.001434	0.005717	-0.020328	-0.007844
	-0.011228					

x534	0.002407	-0.041227	-0.029910	-0.028340	-0.004883	-0.013645
	-0.008621	-0.000146	-0.003304	0.010328	-0.004600	0.004476
	0.005532	-0.029517	0.017164	0.008601	-0.010295	0.011398
	-0.013438	0.012130	-0.019276	0.020557	-0.014596	0.009694
	0.023754	-0.009147	-0.029363	-0.025728	0.013931	-0.010753
	0.014886					
y534	-0.001671	-0.011789	0.045075	-0.016503	0.043548	0.043745
	0.037796	0.027327	-0.009041	0.026779	0.027804	-0.012550
	0.035612	0.016298	-0.015949	-0.015730	-0.014613	-0.048378
	0.014324	-0.022069	0.004427	0.012819	0.031682	-0.001874
	0.001894	0.013289	0.020824	-0.027841	0.012092	-0.039186
	0.018845					
z534	0.003200	0.049748	0.010728	0.032173	0.003952	-0.003450
	-0.017929	0.000957	-0.012479	-0.002331	0.009443	-0.011846
	-0.014174	0.039232	-0.003650	-0.000522	0.025153	0.012744
	-0.006732	0.012732	0.011003	-0.013011	-0.000522	-0.001284
	-0.028549	0.015382	0.007458	0.009232	-0.019749	0.000552
	-0.015546					
x535	0.002043	-0.032951	-0.033624	-0.021539	-0.010036	-0.017491
	-0.013679	-0.002660	-0.006557	0.004953	-0.009262	0.006662
	0.001872	-0.030640	0.010230	0.012508	-0.001970	0.018736
	-0.018559	0.013103	-0.013409	0.015931	-0.017582	0.015945
	0.019785	-0.016711	-0.022012	-0.010780	0.018021	-0.013223
	0.015545					
y535	-0.002229	-0.012734	0.048242	-0.024872	0.045939	0.038261
	0.037741	0.029853	-0.008091	0.025260	0.035939	-0.006759
	0.035551	0.017802	-0.025203	-0.016165	-0.015082	-0.048702
	0.014789	-0.016242	-0.003475	0.009507	0.029915	-0.004243
	-0.004268	0.002558	0.023882	-0.025569	0.018336	-0.033631
	0.035849					
z535	0.000732	0.058464	0.007420	0.039821	-0.000749	-0.006447
	-0.023751	-0.006884	-0.011568	-0.007439	0.009335	-0.015341
	-0.019096	0.040515	-0.009240	-0.003517	0.028706	0.012642
	-0.010575	0.009471	0.011899	-0.017500	-0.008389	-0.000504
	-0.031166	0.020221	0.007542	0.016418	-0.020559	0.002402
	-0.018592					
x536	0.003999	-0.025047	-0.036094	-0.014386	-0.018575	-0.019823
	-0.018225	-0.003319	-0.004305	-0.006191	-0.012127	0.008548
	-0.001044	-0.029804	0.013927	0.016768	0.005872	0.013794
	-0.024485	0.009158	-0.007195	0.014244	-0.016554	0.012718
	0.013868	-0.016740	-0.016519	-0.014821	0.008819	-0.019012
	0.008762					

y536	-0.005095	-0.013242	0.049378	-0.029436	0.047439	0.031097
	0.038888	0.029384	-0.001292	0.023687	0.040664	-0.004476
	0.036501	0.026750	-0.030022	-0.013612	-0.010853	-0.043778
	0.019456	-0.010710	-0.002679	0.010091	0.038681	0.002014
	-0.002800	-0.000227	0.020750	-0.026296	0.021780	-0.027533
	0.034651					
z536	-0.001618	0.065558	0.003530	0.049555	-0.006741	-0.008114
	-0.027210	-0.014214	-0.012530	-0.012709	0.006054	-0.018277
	-0.029199	0.040555	-0.010814	-0.002289	0.030805	0.013301
	-0.010772	0.004451	0.006194	-0.018571	-0.010417	-0.008864
	-0.031638	0.026714	0.001024	0.024821	-0.015137	0.011003
	-0.025387					
x537	0.006730	-0.016325	-0.037642	-0.005760	-0.025726	-0.020220
	-0.019649	-0.005908	-0.002445	-0.016097	-0.017558	0.013824
	-0.004184	-0.027067	0.016044	0.017382	0.008381	0.008582
	-0.022717	-0.000465	-0.005332	0.012527	-0.010056	0.007361
	0.010279	-0.012891	-0.017006	-0.013620	0.003066	-0.016307
	0.001490					
y537	-0.006256	-0.012848	0.049631	-0.032861	0.046218	0.024773
	0.041214	0.023430	0.005918	0.021790	0.044812	-0.004525
	0.036303	0.031058	-0.026799	-0.016151	-0.004815	-0.034885
	0.026220	-0.012516	-0.002236	0.011482	0.044885	0.009344
	-0.002524	0.006823	0.018787	-0.022407	0.019279	-0.013838
	0.026421					
z537	-0.003030	0.068042	0.001557	0.060959	-0.014001	-0.007006
	-0.027709	-0.018592	-0.017553	-0.011843	-0.001103	-0.018271
	-0.037691	0.042690	-0.011690	0.000449	0.028535	0.018549
	-0.008161	0.008884	0.000856	-0.020919	-0.009932	-0.010082
	-0.028466	0.022134	-0.005433	0.031423	-0.006130	0.022204
	-0.022127					
x538	0.008508	-0.009332	-0.039380	0.004217	-0.033253	-0.017660
	-0.018991	-0.006390	-0.002583	-0.023339	-0.028792	0.014985
	-0.007097	-0.027597	0.020708	0.016355	0.006990	0.014184
	-0.020997	-0.003792	-0.004913	0.011576	-0.003130	0.010260
	0.013493	-0.015110	-0.020193	-0.005537	0.005661	-0.009861
	-0.001728					
y538	-0.007531	-0.011317	0.048472	-0.033591	0.044131	0.018840
	0.044219	0.016022	0.011161	0.019012	0.046456	-0.006511
	0.034199	0.032234	-0.022421	-0.020896	0.001157	-0.022061
	0.031559	-0.013464	-0.002042	0.012804	0.046269	0.008364
	0.000187	0.010704	0.013716	-0.016866	0.019154	0.002266
	0.018847					

z538	-0.004389	0.069555	-0.000228	0.068748	-0.017328	-0.007026
	-0.030852	-0.022146	-0.022136	-0.009236	-0.003728	-0.019673
	-0.040388	0.034640	-0.020577	0.006238	0.023129	0.015206
	-0.004192	0.012828	-0.001011	-0.016861	-0.015621	-0.021982
	-0.026719	0.018490	-0.010839	0.030898	-0.007906	0.020437
	-0.019995					
x539	0.009394	-0.002851	-0.039216	0.012339	-0.038125	-0.014921
	-0.021212	-0.006406	-0.001922	-0.029845	-0.038220	0.014234
	-0.007260	-0.032556	0.022278	0.016790	0.001459	0.014183
	-0.019419	-0.007027	-0.004242	0.013283	-0.000724	0.007112
	0.014540	-0.015344	-0.023146	-0.002186	0.003062	-0.010109
	-0.007187					
y539	-0.009364	-0.009310	0.047256	-0.033085	0.039961	0.014189
	0.044794	0.009056	0.014708	0.015148	0.047744	-0.008490
	0.027876	0.032030	-0.015639	-0.023458	0.007994	-0.014676
	0.028634	-0.011897	0.001141	0.015776	0.041083	0.002898
	-0.001726	0.011559	0.008404	-0.009712	0.015936	0.017774
	0.011901					
z539	-0.005933	0.067282	-0.000617	0.072964	-0.022259	-0.004570
	-0.033969	-0.022498	-0.026813	-0.005895	-0.006358	-0.019948
	-0.046740	0.030750	-0.024596	0.014802	0.023829	0.006792
	-0.006097	0.018772	0.002484	-0.012402	-0.022778	-0.021661
	-0.035793	0.015280	-0.006464	0.027762	-0.009109	0.016261
	-0.019653					
x540	0.010428	0.001505	-0.036640	0.018522	-0.042359	-0.012582
	-0.026238	-0.008203	-0.000735	-0.031818	-0.044005	0.016068
	-0.010077	-0.034616	0.020410	0.018500	-0.005305	0.005688
	-0.016738	-0.010174	-0.002282	0.006574	-0.003615	0.009954
	0.009670	-0.016976	-0.017964	0.003153	-0.000411	-0.014096
	-0.006797					
y540	-0.009375	-0.006702	0.044616	-0.028862	0.036307	0.008825
	0.042644	0.003414	0.013746	0.011689	0.045755	-0.007253
	0.019852	0.031417	-0.016648	-0.022924	0.013182	-0.013451
	0.027469	-0.008811	0.002783	0.013605	0.031571	0.003971
	-0.002122	0.011818	0.005170	0.000469	0.013642	0.031487
	0.006717					
z540	-0.005985	0.064159	-0.002018	0.077571	-0.024773	-0.003027
	-0.035568	-0.020316	-0.032326	-0.004947	-0.010211	-0.018104
	-0.048082	0.025492	-0.033778	0.023030	0.025754	0.003617
	-0.004621	0.028195	0.004803	-0.007431	-0.024326	-0.013303
	-0.036942	0.012092	-0.002363	0.025210	-0.010654	0.007794
	-0.020419					

x541	0.010274	0.004427	-0.034562	0.023907	-0.043869	-0.008530
	-0.028543	-0.006706	0.000487	-0.032996	-0.049136	0.013455
	-0.007510	-0.034641	0.019393	0.023219	-0.009203	0.002730
	-0.012562	-0.012090	-0.002126	0.007198	-0.001180	0.015222
	0.001919	-0.010803	-0.006689	0.002691	-0.005089	-0.019783
	-0.011555					
y541	-0.008514	-0.004225	0.039838	-0.020972	0.032906	0.004373
	0.038441	0.000626	0.006905	0.009463	0.040880	-0.004264
	0.012243	0.026545	-0.019456	-0.021590	0.016147	-0.012722
	0.024397	-0.000423	0.008402	0.011549	0.025788	0.007391
	0.002747	0.010036	0.002805	0.008738	0.007880	0.041327
	0.003640					
z541	-0.005203	0.061683	-0.002145	0.079624	-0.025875	-0.002141
	-0.037010	-0.019037	-0.036443	-0.003133	-0.012769	-0.014712
	-0.047394	0.017446	-0.041076	0.029563	0.022731	-0.001441
	-0.000336	0.035797	0.011000	-0.003571	-0.025516	-0.010189
	-0.032964	0.007122	-0.002240	0.019401	-0.012413	-0.002612
	-0.018611					
x542	0.008917	0.007481	-0.030833	0.027235	-0.044172	-0.003662
	-0.028014	-0.007402	0.003021	-0.033155	-0.051064	0.010817
	-0.002367	-0.032603	0.019700	0.030329	-0.011053	-0.000301
	-0.005713	-0.018915	-0.003255	0.006839	-0.001393	0.009279
	-0.013543	-0.006889	0.003935	-0.005023	-0.010097	-0.027724
	-0.013570					
y542	-0.008159	-0.000911	0.035013	-0.011127	0.028849	0.001837
	0.033304	0.000447	0.000574	0.007806	0.035729	-0.002261
	0.007325	0.021464	-0.019373	-0.020857	0.024084	-0.005726
	0.014569	0.006049	0.014988	0.005988	0.014659	0.006174
	0.001795	0.005500	0.009109	0.017350	0.003266	0.041355
	-0.003523					
z542	-0.005314	0.058041	-0.000590	0.077302	-0.026486	0.000428
	-0.037354	-0.017608	-0.035214	-0.002841	-0.012551	-0.014775
	-0.045312	0.013814	-0.039946	0.032009	0.019306	-0.003894
	0.000287	0.038008	0.016607	0.002992	-0.025600	-0.006757
	-0.032720	0.010617	0.002093	0.013878	-0.005136	-0.010967
	-0.015876					
x543	0.007095	0.008871	-0.024901	0.029758	-0.042951	0.000342
	-0.029703	-0.011947	0.007826	-0.032786	-0.046969	0.009691
	0.000978	-0.030881	0.019968	0.034984	-0.018451	-0.006256
	0.002514	-0.025811	-0.004438	-0.000026	-0.003821	0.005736
	-0.021531	-0.006518	0.013725	-0.004762	-0.006846	-0.030311
	-0.009395					

y543	-0.005437	0.004334	0.029949	-0.001074	0.025196	-0.001169
	0.028922	-0.002932	-0.006374	0.007368	0.030787	0.002998
	0.004257	0.020175	-0.026661	-0.019000	0.030815	0.000972
	0.011877	0.006254	0.019846	-0.003148	-0.000279	0.006700
	-0.003794	0.003054	0.018490	0.022468	-0.001136	0.030969
	-0.007063					
z543	-0.005556	0.054307	0.000052	0.073188	-0.026051	0.002506
	-0.035081	-0.018510	-0.033042	-0.006291	-0.011792	-0.013087
	-0.042341	0.010958	-0.041575	0.033148	0.019345	-0.002931
	0.005559	0.032214	0.018327	0.009151	-0.028629	-0.010691
	-0.034231	0.020342	0.002966	0.003256	0.000676	-0.014539
	-0.012963					
x544	0.002048	0.008114	-0.018893	0.032687	-0.040954	0.006354
	-0.028745	-0.012391	0.012331	-0.032265	-0.040069	0.001393
	0.001957	-0.027674	0.021169	0.033089	-0.021565	-0.010208
	-0.001568	-0.022240	-0.008211	0.005223	-0.000252	0.004812
	-0.024685	-0.005847	0.015616	-0.012122	-0.004887	-0.024696
	-0.002260					
y544	-0.003218	0.012237	0.025930	0.005828	0.020525	-0.002405
	0.023960	-0.008818	-0.011219	0.007679	0.027181	0.000654
	0.002014	0.023102	-0.026109	-0.012305	0.031172	-0.002586
	0.011124	0.002809	0.027383	0.000835	-0.001222	0.002653
	-0.012235	0.015388	0.022694	0.016857	-0.003235	0.021353
	-0.014999					
z544	-0.006913	0.050879	0.001779	0.066607	-0.025937	0.005261
	-0.033312	-0.020353	-0.027767	-0.009154	-0.009068	-0.011386
	-0.035011	0.011311	-0.039390	0.034190	0.017254	-0.005242
	0.011368	0.022268	0.023755	0.004554	-0.038326	-0.023167
	-0.036491	0.021570	-0.005980	-0.000498	0.006754	-0.017033
	-0.007901					
x545	-0.004587	0.007859	-0.013546	0.030104	-0.039838	0.008490
	-0.029168	-0.011132	0.013831	-0.032183	-0.036655	-0.003265
	-0.000009	-0.027107	0.015998	0.035812	-0.019471	-0.018098
	-0.001739	-0.021262	-0.010712	0.008559	-0.000948	-0.002087
	-0.032011	-0.001059	0.002665	-0.029305	-0.008960	-0.021256
	0.002118					
y545	-0.002561	0.018654	0.020424	0.009950	0.014364	-0.000398
	0.019914	-0.011964	-0.016783	0.007468	0.023147	-0.006321
	-0.002227	0.018048	-0.017407	-0.010232	0.026869	0.005262
	0.008041	-0.000401	0.027391	0.012892	-0.000461	0.004461
	-0.022517	0.022156	0.034545	0.021963	0.006012	0.016924
	-0.021439					

z545	-0.009768	0.045939	0.002890	0.064099	-0.025864	0.009645
	-0.031977	-0.015543	-0.027558	-0.007996	-0.009483	-0.011258
	-0.030033	0.006930	-0.034205	0.030902	0.008775	0.006888
	0.007532	0.019781	0.030339	0.001479	-0.047028	-0.025292
	-0.034628	0.012461	-0.004698	0.003031	0.014344	-0.007741
	-0.005113					
x546	-0.009480	0.009038	-0.008267	0.026024	-0.038889	0.009500
	-0.030932	-0.013408	0.015103	-0.026847	-0.034980	-0.002964
	-0.006335	-0.034598	0.005596	0.040287	-0.025791	-0.026102
	0.009921	-0.026159	-0.010157	-0.002849	-0.011118	-0.012013
	-0.037445	0.004320	-0.006384	-0.028222	-0.001164	-0.014538
	0.014706					
y546	0.001557	0.024190	0.015214	0.015929	0.013523	-0.002975
	0.018518	-0.015994	-0.022258	0.008201	0.018591	-0.006098
	0.000569	0.014410	-0.023451	-0.009819	0.020830	0.016227
	0.012236	0.006865	0.031462	0.007080	-0.015864	0.001750
	-0.011254	0.007772	0.027010	0.028571	0.002467	0.008722
	-0.016152					
z546	-0.011667	0.042789	0.005457	0.063125	-0.023893	0.011837
	-0.029836	-0.010443	-0.023708	-0.008563	-0.007377	-0.010205
	-0.022693	0.001649	-0.027690	0.026030	0.002853	0.009006
	0.003404	0.015865	0.033404	0.008208	-0.045280	-0.033370
	-0.028172	0.005477	-0.010285	-0.010092	0.006436	-0.000222
	-0.005659					
x547	-0.014745	0.007598	-0.002597	0.023656	-0.037652	0.013898
	-0.031349	-0.011945	0.018979	-0.022783	-0.030893	-0.006518
	-0.004960	-0.044272	0.001774	0.032787	-0.035569	-0.021352
	0.007894	-0.020414	-0.013346	-0.007900	-0.013686	-0.012239
	-0.032222	-0.007415	-0.010233	-0.021587	-0.004341	-0.004544
	0.018223					
y547	0.006534	0.028333	0.010424	0.020467	0.013831	-0.003923
	0.019456	-0.018442	-0.029324	0.008679	0.010416	-0.005550
	-0.004778	0.020591	-0.024847	-0.006831	0.018198	0.021064
	0.017110	0.007839	0.041492	-0.000948	-0.021634	-0.002259
	-0.002529	0.008453	0.019243	0.025733	0.014396	0.002784
	-0.003402					
z547	-0.012488	0.037779	0.009282	0.060748	-0.021846	0.013328
	-0.027500	-0.007421	-0.022951	-0.008401	-0.006399	-0.004931
	-0.025282	0.003093	-0.026214	0.022738	0.005291	-0.000216
	0.002883	0.001548	0.032860	0.007239	-0.041997	-0.033770
	-0.029024	0.011439	-0.006236	-0.022333	0.016274	0.008906
	0.001175					

x548	-0.020407	0.004550	0.003236	0.020207	-0.034744	0.019962
	-0.028334	-0.007806	0.022675	-0.020680	-0.028389	-0.011773
	-0.005236	-0.049423	0.004046	0.027936	-0.039057	-0.021132
	0.005025	-0.018918	-0.012359	-0.003193	-0.012249	-0.015396
	-0.030651	-0.009306	-0.014053	-0.029656	-0.001252	0.004033
	0.016599					
y548	0.011060	0.030824	0.004766	0.022344	0.014499	-0.002615
	0.016392	-0.019656	-0.034294	0.005801	0.003376	-0.005636
	-0.008261	0.024874	-0.019557	-0.002344	0.015717	0.025626
	0.017066	0.005898	0.050489	-0.000099	-0.023929	-0.004537
	-0.000316	0.013620	0.020581	0.018441	0.020229	-0.000077
	0.003107					
z548	-0.012961	0.032295	0.013432	0.059048	-0.021245	0.015486
	-0.026710	-0.005676	-0.019014	-0.005759	-0.002652	-0.000854
	-0.024949	-0.001731	-0.026909	0.016027	0.004495	-0.003727
	-0.001306	-0.007581	0.026413	0.005124	-0.040447	-0.029938
	-0.025432	0.007703	0.002237	-0.023891	0.014711	0.017400
	0.006475					
x549	-0.024744	0.002036	0.009000	0.016452	-0.034736	0.024593
	-0.026496	-0.005821	0.024723	-0.015730	-0.027667	-0.015177
	-0.010601	-0.051728	0.003221	0.022722	-0.037485	-0.017454
	0.004986	-0.021377	-0.010262	-0.005911	-0.015368	-0.013195
	-0.030286	-0.010807	-0.009698	-0.031925	0.007773	0.012020
	0.019858					
y549	0.016123	0.033661	-0.001201	0.026606	0.014775	-0.001295
	0.014161	-0.019298	-0.035308	0.001638	0.002262	-0.008554
	-0.007059	0.022455	-0.018281	-0.007015	0.013707	0.027901
	0.007641	0.004545	0.046997	0.006856	-0.020475	-0.005575
	0.004364	0.013505	0.022790	0.015895	0.016461	-0.002716
	-0.001532					
z549	-0.013411	0.024726	0.017271	0.056777	-0.019243	0.018639
	-0.024201	-0.002137	-0.012787	-0.004808	0.002684	-0.001234
	-0.021563	-0.008184	-0.024881	0.005896	0.004321	-0.012229
	-0.007759	-0.014971	0.013971	0.012608	-0.028892	-0.026958
	-0.017721	0.006340	0.007251	-0.029063	0.009319	0.024596
	0.006468					
x550	-0.027620	-0.000598	0.014702	0.014345	-0.035134	0.028241
	-0.024408	-0.003993	0.027969	-0.011297	-0.025364	-0.017891
	-0.014366	-0.055168	-0.001689	0.011755	-0.032669	-0.017796
	0.003493	-0.025368	-0.012280	-0.007208	-0.019303	-0.009680
	-0.028607	-0.013807	-0.005615	-0.027907	0.011437	0.019830
	0.021204					

y550	0.021911	0.033778	-0.006030	0.031481	0.018041	-0.002192
	0.012886	-0.017401	-0.037502	0.001645	0.003304	-0.008295
	-0.006534	0.022073	-0.024332	-0.012988	0.022589	0.014608
	-0.003717	0.003413	0.036101	0.013274	-0.010900	-0.009106
	0.016856	0.020345	0.023008	0.005573	0.012206	-0.002936
	-0.003300					
z550	-0.014239	0.016782	0.021624	0.052338	-0.018526	0.022185
	-0.021799	-0.000186	-0.008022	-0.002401	0.004784	-0.002403
	-0.020140	-0.013520	-0.021374	0.001336	0.001933	-0.012407
	-0.009656	-0.021091	0.005711	0.018035	-0.020085	-0.023670
	-0.011590	0.002959	0.011421	-0.031020	0.007019	0.027397
	0.009058					
x551	-0.028968	-0.004200	0.020873	0.013052	-0.032100	0.031637
	-0.019747	-0.002314	0.032494	-0.007677	-0.021632	-0.020859
	-0.015102	-0.056586	-0.008070	0.004828	-0.024432	-0.025389
	0.001813	-0.030505	-0.015962	-0.002136	-0.022264	-0.012912
	-0.022372	-0.013570	-0.004238	-0.029887	0.009375	0.024203
	0.020660					
y551	0.026719	0.031419	-0.010753	0.035657	0.016174	-0.001555
	0.011916	-0.015658	-0.038716	0.001455	-0.000712	-0.007949
	-0.009941	0.025156	-0.024529	-0.020238	0.030576	0.007344
	-0.010692	0.004206	0.031174	0.009620	-0.004941	-0.002737
	0.021432	0.021463	0.027967	0.002758	0.016818	-0.000783
	-0.000130					
z551	-0.015995	0.009329	0.025388	0.046444	-0.020848	0.026202
	-0.019993	0.002269	-0.002654	0.000053	0.002827	-0.005579
	-0.018918	-0.020467	-0.015618	-0.003536	-0.002241	-0.006381
	-0.008425	-0.025238	0.001382	0.020569	-0.015835	-0.018338
	-0.010694	-0.004226	0.014955	-0.024912	0.002509	0.027861
	0.011245					
x552	-0.027718	-0.009051	0.028350	0.012161	-0.031866	0.033232
	-0.015098	-0.003088	0.035487	-0.002377	-0.021900	-0.020176
	-0.022886	-0.053174	-0.015499	0.000905	-0.014719	-0.027801
	0.004175	-0.033228	-0.022318	0.001038	-0.021224	-0.011018
	-0.010855	-0.013362	0.003089	-0.024479	0.011814	0.026170
	0.024192					
y552	0.031962	0.033780	-0.013860	0.039458	0.015000	-0.000722
	0.013353	-0.019548	-0.038075	0.001323	-0.007234	-0.009088
	-0.006502	0.025834	-0.023773	-0.012701	0.024241	0.015991
	-0.010631	0.008435	0.035872	0.003102	-0.019986	-0.016069
	0.024791	0.013575	0.015321	0.003832	0.012013	-0.010872
	0.007698					

z552	-0.018240	0.003550	0.028018	0.038070	-0.022125	0.030741
	-0.017382	0.003465	0.003647	0.002823	-0.001522	-0.011993
	-0.012913	-0.027630	-0.007618	-0.004705	-0.009350	-0.002288
	-0.001796	-0.029829	0.004650	0.023618	-0.015557	-0.013439
	-0.016676	-0.011356	0.013503	-0.018629	-0.004330	0.023116
	0.011509					
x553	-0.026331	-0.013447	0.034069	0.011379	-0.030187	0.033847
	-0.007959	0.002067	0.038337	0.001691	-0.024053	-0.025909
	-0.023279	-0.047953	-0.009244	-0.008201	-0.006710	-0.021700
	0.003911	-0.035635	-0.024413	0.013827	-0.021001	-0.012311
	0.005587	-0.014993	0.001004	-0.020592	0.003942	0.033115
	0.023070					
y553	0.037239	0.032229	-0.015697	0.040709	0.011762	0.001001
	0.012424	-0.024493	-0.040500	0.001679	-0.010317	-0.006666
	-0.009560	0.024086	-0.025919	-0.016740	0.022226	0.022419
	-0.012305	0.005019	0.027872	-0.004716	-0.024788	-0.018073
	0.023379	0.012003	0.019401	0.010004	0.010811	-0.010818
	0.008807					
z553	-0.018681	-0.004880	0.031985	0.028420	-0.020122	0.032714
	-0.011728	0.005562	0.008488	0.002372	-0.007537	-0.013364
	-0.010261	-0.034335	-0.003730	-0.013345	-0.001169	-0.007278
	-0.001351	-0.039272	-0.004632	0.017194	-0.015178	-0.010147
	-0.010101	-0.019481	0.015373	-0.014535	-0.007984	0.024573
	0.012094					
x554	-0.023907	-0.016893	0.036093	0.007436	-0.027140	0.032113
	-0.003301	0.004896	0.039671	0.007036	-0.024119	-0.032149
	-0.018631	-0.046934	-0.002006	-0.021095	0.000310	-0.019353
	0.005212	-0.037944	-0.018797	0.017815	-0.014470	-0.000089
	0.005465	-0.008879	0.005486	-0.008845	-0.001355	0.033072
	0.019000					
y554	0.042198	0.029540	-0.018891	0.041160	0.011361	0.002140
	0.008433	-0.021870	-0.042365	0.001345	-0.008708	-0.003207
	-0.006121	0.024063	-0.023153	-0.024977	0.023470	0.017045
	-0.019733	-0.003816	0.017044	-0.003208	-0.017785	-0.012982
	0.022463	0.010440	0.024749	0.007030	0.004470	-0.005770
	0.009043					
z554	-0.020998	-0.012756	0.039012	0.018532	-0.018243	0.033027
	-0.010346	0.008623	0.016264	0.002617	-0.011589	-0.014373
	-0.012620	-0.040122	-0.002277	-0.016426	0.008640	-0.007996
	-0.000914	-0.039701	-0.005669	0.013985	-0.016646	-0.009198
	-0.003227	-0.019276	0.010692	-0.005711	-0.012435	0.023956
	0.017297					

x555	-0.020584	-0.018689	0.036970	0.004539	-0.021970	0.029771
	-0.000303	0.004982	0.036339	0.006754	-0.024978	-0.032692
	-0.015135	-0.046312	-0.004452	-0.023004	0.005727	-0.018861
	0.006028	-0.032976	-0.006880	0.022921	-0.008686	0.004308
	0.005314	0.000693	0.005578	0.000202	-0.005436	0.020164
	0.019150					
y555	0.046827	0.029066	-0.020980	0.041272	0.014511	0.004318
	0.006878	-0.020700	-0.042653	0.001505	-0.008700	-0.002517
	-0.000648	0.024224	-0.020631	-0.032395	0.026819	0.012456
	-0.022206	-0.014895	0.004046	-0.008313	-0.012105	-0.007891
	0.028326	0.007410	0.025651	0.005788	-0.005313	-0.001279
	0.007652					
z555	-0.023512	-0.020370	0.045968	0.009419	-0.018968	0.032296
	-0.009701	0.008135	0.026781	0.006116	-0.012141	-0.017693
	-0.014082	-0.046583	-0.004908	-0.018009	0.009901	-0.008582
	0.004036	-0.037209	-0.002912	0.014295	-0.020129	-0.003913
	-0.004716	-0.016274	0.005542	0.007182	-0.014689	0.017673
	0.020992					
x556	-0.016396	-0.019195	0.039934	0.005153	-0.015110	0.029089
	0.003468	0.007050	0.032550	0.004989	-0.024307	-0.030586
	-0.012629	-0.040990	-0.005845	-0.022417	0.010646	-0.011306
	-0.001740	-0.022412	0.002392	0.026155	-0.006627	0.007884
	0.011550	0.000516	0.003672	0.007525	-0.010192	0.007766
	0.020214					
y556	0.049387	0.023266	-0.023823	0.041164	0.010814	0.007187
	0.004071	-0.025464	-0.040004	-0.000545	-0.008858	-0.007935
	0.004092	0.021183	-0.019892	-0.036254	0.024582	0.013325
	-0.026996	-0.010660	-0.011223	-0.011858	-0.008455	-0.002912
	0.034493	0.006779	0.029080	0.012470	-0.008504	0.002440
	0.007797					
z556	-0.025710	-0.026403	0.049941	0.000815	-0.017096	0.031075
	-0.007500	0.009300	0.035848	0.008279	-0.014618	-0.022439
	-0.010782	-0.053599	-0.006217	-0.018475	0.009973	-0.013890
	0.012272	-0.036386	0.004510	0.016927	-0.021038	-0.002226
	-0.008906	-0.010249	0.000008	0.014508	-0.017686	0.009375
	0.021380					
x557	-0.011707	-0.019326	0.040458	0.005452	-0.011235	0.027019
	0.005123	0.008661	0.030108	0.003114	-0.025236	-0.028354
	-0.007262	-0.036570	-0.007458	-0.022520	0.013518	-0.007414
	-0.004126	-0.016804	0.008425	0.028567	-0.007064	0.008304
	0.011725	0.001280	-0.001327	0.014010	-0.012941	-0.002829
	0.019340					

y557	0.051488	0.020236	-0.025134	0.036122	0.005986	0.009835
	0.000323	-0.029819	-0.033108	-0.005237	-0.003168	-0.012393
	0.005060	0.019033	-0.017261	-0.030849	0.019326	0.003613
	-0.027672	-0.016068	-0.020876	-0.012276	-0.003076	-0.009271
	0.025240	0.010840	0.026017	0.007050	-0.021678	0.006677
	0.008731					
z557	-0.027112	-0.031159	0.054165	-0.006686	-0.012852	0.030458
	-0.005266	0.010776	0.042548	0.005759	-0.015135	-0.024659
	-0.009962	-0.057955	-0.007968	-0.016321	0.009468	-0.019688
	0.014952	-0.034512	0.013593	0.020220	-0.021161	0.000392
	-0.011917	-0.004457	-0.003559	0.017240	-0.021391	0.002375
	0.020166					
x558	-0.007382	-0.019603	0.038896	0.003808	-0.007096	0.025508
	0.006015	0.007523	0.027689	0.000854	-0.027460	-0.027836
	-0.001145	-0.034947	-0.007480	-0.021468	0.018685	-0.007580
	-0.000524	-0.017122	0.010256	0.034587	-0.006958	0.005344
	0.003783	0.009107	-0.006688	0.013283	-0.015742	-0.007739
	0.015320					
y558	0.050772	0.016080	-0.026912	0.031325	0.001358	0.012595
	-0.003222	-0.036332	-0.029534	-0.006444	-0.009533	-0.017497
	0.005059	0.015323	-0.012050	-0.024802	0.010940	0.006134
	-0.019178	-0.012891	-0.022970	-0.013664	-0.005992	-0.004152
	0.017798	0.014113	0.023933	0.003785	-0.027628	0.007960
	0.013891					
z558	-0.026640	-0.034659	0.058691	-0.010994	-0.006776	0.029436
	-0.001601	0.012157	0.046831	0.000974	-0.015489	-0.024438
	-0.008371	-0.058393	-0.008087	-0.015298	0.006388	-0.020848
	0.012818	-0.029495	0.023284	0.023060	-0.020447	0.004430
	-0.008632	-0.003831	-0.006438	0.018450	-0.020771	-0.006430
	0.018733					
x559	-0.000884	-0.019987	0.038948	0.004141	-0.004022	0.024067
	0.006062	0.004709	0.025077	-0.001847	-0.027461	-0.024273
	0.002209	-0.029630	-0.007608	-0.023579	0.018799	-0.006731
	-0.000235	-0.015206	0.008930	0.033398	-0.007819	0.010414
	0.000531	0.009454	-0.007927	0.012020	-0.019807	-0.008970
	0.014247					
y559	0.050888	0.012389	-0.027144	0.029360	-0.003713	0.013594
	-0.006867	-0.039623	-0.025911	-0.007587	-0.014423	-0.020949
	0.004816	0.012745	-0.005611	-0.028116	-0.001147	0.006964
	-0.013628	-0.007085	-0.023099	-0.016784	-0.003621	0.008887
	0.019955	0.010597	0.022669	-0.000673	-0.032478	0.006894
	0.019584					

z559	-0.026357	-0.037412	0.060388	-0.013917	0.000586	0.027997
	0.003056	0.014801	0.048219	-0.005607	-0.018130	-0.025164
	-0.004234	-0.057508	-0.009157	-0.012262	0.007006	-0.021315
	0.011144	-0.022749	0.032449	0.027686	-0.020385	0.004148
	-0.006154	-0.002743	-0.012513	0.017057	-0.014957	-0.013796
	0.014987					
x560	0.006332	-0.021640	0.038253	0.005523	-0.002530	0.022033
	0.003298	0.000820	0.023060	-0.006574	-0.027248	-0.019699
	0.005453	-0.024373	-0.008034	-0.027238	0.013268	-0.004847
	-0.001246	-0.009201	0.006556	0.033467	-0.006551	0.019665
	0.005574	0.008974	-0.005230	0.007572	-0.022430	-0.007162
	0.008172					
y560	0.049752	0.008918	-0.025097	0.027185	-0.005463	0.015852
	-0.009287	-0.037721	-0.017931	-0.003329	-0.013402	-0.020531
	0.006864	0.010576	-0.006234	-0.032472	-0.001658	0.004348
	-0.010343	-0.006988	-0.031430	-0.020531	0.000551	0.007139
	0.022439	0.010441	0.022070	-0.003344	-0.031225	0.006237
	0.013295					
z560	-0.024400	-0.038637	0.062058	-0.015901	0.008515	0.025595
	0.007949	0.017059	0.048335	-0.012704	-0.021349	-0.023778
	0.000095	-0.052135	-0.010833	-0.008175	0.006768	-0.021630
	0.011649	-0.017902	0.039528	0.029184	-0.022685	0.004578
	-0.007345	-0.001820	-0.020378	0.013416	-0.008031	-0.018723
	0.012244					
x561	0.012005	-0.021395	0.035270	0.007087	0.000234	0.022987
	0.004023	-0.003691	0.021813	-0.010469	-0.028681	-0.019805
	0.008445	-0.019006	-0.008527	-0.028290	0.011030	0.003027
	-0.004989	-0.003387	0.003283	0.029894	-0.007425	0.018888
	0.004196	0.006415	0.000267	0.003431	-0.019141	-0.004814
	0.001278					
y561	0.046034	0.006240	-0.022629	0.025463	-0.005289	0.019950
	-0.007773	-0.036581	-0.014133	0.000736	-0.014919	-0.021428
	0.002935	0.006526	-0.008052	-0.033493	0.002879	0.006783
	-0.010674	-0.004237	-0.035783	-0.022175	0.002966	0.002784
	0.019150	0.010338	0.019499	-0.005076	-0.030283	0.005404
	0.011166					
z561	-0.020185	-0.040210	0.064110	-0.016775	0.015826	0.021007
	0.009998	0.018514	0.046316	-0.020355	-0.024266	-0.020559
	0.006991	-0.042460	-0.011609	-0.007787	0.004031	-0.023934
	0.010843	-0.011860	0.043512	0.028930	-0.022807	0.010095
	-0.004682	-0.000163	-0.026516	0.005160	-0.004447	-0.018260
	0.009012					

x562	0.018984	-0.019345	0.032415	0.013345	0.001129	0.023449
	0.009164	-0.013108	0.021215	-0.010368	-0.029526	-0.022744
	0.005146	-0.010025	-0.004680	-0.033643	0.003575	0.013066
	-0.010846	0.004766	-0.005241	0.021479	-0.005595	0.015526
	0.006514	0.002064	0.009204	0.004184	-0.024359	0.000724
	-0.006538					
y562	0.041877	0.004546	-0.019543	0.024326	-0.008738	0.022611
	-0.009769	-0.036289	-0.010599	0.002038	-0.023042	-0.019595
	0.002286	0.004065	-0.005158	-0.031716	-0.003558	0.005680
	-0.002775	0.005379	-0.026334	-0.021017	0.008287	0.011573
	0.021462	0.008478	0.007933	-0.005640	-0.027350	0.005755
	0.016707					
z562	-0.017525	-0.039738	0.066222	-0.014463	0.026621	0.018819
	0.013491	0.019235	0.047605	-0.027255	-0.031139	-0.020332
	0.018225	-0.028534	-0.019126	-0.012730	0.006436	-0.019351
	0.004748	-0.003596	0.042904	0.022372	-0.016405	0.006208
	0.006710	-0.002156	-0.026984	0.001982	0.004711	-0.011344
	0.005934					
x563	0.028131	-0.025250	0.032342	0.012048	0.006549	0.017739
	0.007598	-0.024677	0.019946	-0.008579	-0.030285	-0.021621
	0.003723	0.000427	0.000061	-0.035111	-0.007010	0.021868
	-0.006749	0.010954	-0.014328	0.018939	-0.003361	0.005706
	0.012164	0.000583	0.017802	0.001151	-0.030828	0.004233
	-0.017134					
y563	0.037011	-0.002587	-0.013024	0.015556	-0.008393	0.024643
	-0.017564	-0.032186	-0.001568	0.004675	-0.021418	-0.016120
	0.002063	0.004430	-0.001121	-0.024923	-0.005694	0.009173
	0.005979	0.011691	-0.025055	-0.008350	0.019259	0.005390
	0.022032	0.011839	0.000460	-0.013613	-0.022972	0.005664
	0.021595					
z563	-0.008932	-0.039349	0.063889	-0.006431	0.040920	0.005063
	0.026727	0.017375	0.040555	-0.033149	-0.041897	-0.014116
	0.025134	-0.004185	-0.019474	-0.010265	0.010744	-0.010256
	-0.002008	-0.004039	0.037655	0.014572	-0.026071	-0.005363
	0.007100	-0.001091	-0.019913	0.000939	-0.002461	-0.004273
	-0.018510					
x564	0.036592	-0.029357	0.029756	0.012507	0.009396	0.016471
	0.007261	-0.032415	0.019264	-0.006650	-0.029777	-0.019219
	0.002170	0.002777	-0.000941	-0.032325	-0.012372	0.027350
	0.000096	0.011570	-0.021321	0.011382	-0.002942	-0.002472
	0.011280	-0.001129	0.025780	-0.002860	-0.034945	0.005085
	-0.022360					

y564	0.030206	-0.005424	-0.008344	0.012122	-0.008034	0.025063
	-0.013669	-0.023904	0.005681	0.004483	-0.017193	-0.012714
	-0.001439	0.000471	-0.000705	-0.017040	-0.002499	0.013491
	0.006910	0.008582	-0.023596	-0.002030	0.019923	-0.000531
	0.014534	0.012258	0.000032	-0.016116	-0.021251	0.005454
	0.013943					
z564	-0.000799	-0.040457	0.059473	-0.000618	0.050159	-0.010784
	0.034151	0.016008	0.031754	-0.038361	-0.047150	-0.006759
	0.031648	0.017068	-0.015614	-0.005501	0.008967	-0.006631
	-0.007418	-0.001490	0.034217	0.009760	-0.035743	-0.012826
	0.004120	-0.000678	-0.015387	-0.001483	-0.008971	0.000251
	-0.037738					
x565	0.043374	-0.031629	0.027980	0.013606	0.011536	0.016008
	0.007245	-0.038792	0.016290	-0.004599	-0.030259	-0.016868
	-0.001384	0.009734	-0.000396	-0.026345	-0.010676	0.032476
	0.008097	0.010037	-0.024216	0.003779	-0.004679	-0.008009
	0.006763	-0.000162	0.032342	-0.005408	-0.039471	0.006855
	-0.022365					
y565	0.024626	-0.006438	-0.004060	0.008649	-0.006335	0.020597
	-0.010941	-0.018497	0.006879	0.002104	-0.016382	-0.009035
	-0.001749	0.003366	0.000253	-0.011492	0.000524	0.014621
	0.009703	0.006800	-0.017239	0.000720	0.016640	-0.001689
	0.007529	0.013326	-0.000595	-0.009793	-0.019125	0.005114
	0.005187					
z565	0.006201	-0.042207	0.053952	0.004704	0.055153	-0.023432
	0.038123	0.015203	0.024747	-0.041074	-0.047513	-0.001793
	0.035652	0.029944	-0.012773	-0.001686	0.004543	-0.005763
	-0.013183	0.002777	0.029326	0.007356	-0.040554	-0.018160
	0.000918	0.000684	-0.013342	-0.007126	-0.011532	0.003528
	-0.047597					
x566	0.048808	-0.033725	0.026181	0.012737	0.013782	0.015822
	0.004394	-0.043828	0.016571	-0.003553	-0.027167	-0.013045
	-0.000420	0.013262	-0.000562	-0.021233	-0.011129	0.036998
	0.009796	0.008856	-0.023701	-0.000231	-0.001738	-0.014728
	0.005664	-0.000209	0.031443	-0.000457	-0.051012	-0.001981
	-0.026811					
y566	0.019579	-0.006276	-0.000487	0.004811	-0.003433	0.015476
	-0.008178	-0.013085	0.008249	-0.000922	-0.013496	-0.005020
	0.001805	0.004267	0.000109	-0.007475	0.000676	0.013164
	0.007486	0.004919	-0.010567	0.001392	0.013713	-0.005272
	0.002111	0.011921	-0.002164	-0.001059	-0.018554	-0.000866
	-0.004928					

z566	0.011521	-0.043847	0.047709	0.010884	0.055390	-0.032383
	0.040008	0.014736	0.018282	-0.041636	-0.045896	0.001040
	0.034088	0.037451	-0.009255	0.001695	0.000842	-0.007447
	-0.015256	0.006364	0.022724	0.004643	-0.045580	-0.018859
	-0.005963	0.002194	-0.007619	-0.014350	-0.007592	0.013132
	-0.044076					
x567	0.052487	-0.034077	0.021992	0.013223	0.016886	0.018191
	0.004081	-0.044239	0.015524	-0.002713	-0.022951	-0.010153
	-0.001530	0.017453	-0.001768	-0.010067	-0.006456	0.040037
	0.011681	0.004007	-0.023833	-0.003756	-0.000028	-0.028943
	0.007275	-0.001123	0.027693	-0.002408	-0.057572	-0.003356
	-0.023029					
y567	0.014521	-0.005256	0.001511	0.002552	-0.000451	0.010406
	-0.004163	-0.006642	0.007347	-0.004494	-0.010528	-0.002635
	0.003275	0.004514	0.001320	-0.002258	0.000971	0.008724
	0.003419	0.002614	-0.005103	0.004644	0.009228	-0.008544
	-0.001473	0.010221	-0.002252	-0.001245	-0.014378	0.000026
	-0.008120					
z567	0.016386	-0.046172	0.042281	0.016729	0.051767	-0.039421
	0.038612	0.013543	0.014486	-0.040195	-0.042194	0.002326
	0.031599	0.040311	-0.005520	0.003569	-0.005773	-0.013765
	-0.015817	0.010840	0.017748	0.004264	-0.046070	-0.013586
	-0.012583	0.005467	-0.003628	-0.018995	-0.004681	0.016441
	-0.036983					
x568	0.054947	-0.031310	0.017396	0.012606	0.016897	0.019895
	0.003544	-0.048448	0.013056	0.000121	-0.023045	-0.007198
	-0.006176	0.021495	0.004012	0.003571	-0.001411	0.040785
	0.020254	-0.004411	-0.015746	-0.009076	-0.002318	-0.034255
	0.010344	-0.000983	0.022339	-0.001503	-0.052607	-0.003452
	-0.008578					
y568	0.009605	-0.004168	0.002735	0.000540	0.000125	0.003451
	-0.002196	-0.002455	0.004959	-0.008263	-0.008981	-0.000443
	0.003300	0.003884	0.003061	0.001473	-0.003853	0.003361
	0.000614	0.001671	0.001707	0.008046	0.005258	-0.004241
	-0.006104	0.009658	-0.001353	0.000414	-0.005160	-0.001179
	-0.010387					
z568	0.019607	-0.049825	0.036689	0.023027	0.045817	-0.042101
	0.035104	0.014917	0.012261	-0.037388	-0.034077	0.001501
	0.027470	0.036515	-0.004625	0.005258	-0.011733	-0.021360
	-0.018920	0.016165	0.010015	0.007968	-0.042152	-0.009748
	-0.021037	0.008649	0.000291	-0.025252	-0.004737	0.018142
	-0.027267					

x569	0.057803	-0.027723	0.011055	0.012450	0.013292	0.020503
	-0.000927	-0.043787	0.012824	-0.003188	-0.012481	-0.003227
	-0.004678	0.024538	0.004004	0.012393	-0.000459	0.029695
	0.022791	-0.013507	-0.008477	-0.006629	0.008529	-0.037195
	0.015016	0.001835	0.010986	-0.004335	-0.050259	-0.004069
	-0.009280					
y569	0.003806	-0.003876	0.004136	-0.000377	0.000567	-0.004074
	-0.001638	0.003409	0.001472	-0.011674	-0.006508	0.001287
	0.003384	-0.000239	0.001346	-0.000792	-0.009306	-0.003033
	-0.005790	0.002209	0.005043	0.012012	0.003793	0.000738
	-0.013970	0.008521	0.002884	0.001421	0.002392	-0.003311
	-0.010324					
z569	0.021104	-0.052979	0.030900	0.029657	0.036361	-0.041071
	0.030647	0.014606	0.011013	-0.030903	-0.025891	-0.002561
	0.018057	0.027121	-0.003902	0.012879	-0.016617	-0.027811
	-0.018189	0.020691	0.002708	0.009428	-0.042557	-0.006662
	-0.028671	0.010804	0.003918	-0.029318	-0.002570	0.022000
	-0.002300					
x570	0.058853	-0.024170	0.004937	0.013096	0.007197	0.018827
	-0.006023	-0.045582	0.012614	-0.003129	-0.008774	-0.002224
	-0.009629	0.028803	0.003349	0.020207	0.002027	0.024950
	0.028571	-0.016406	-0.000143	-0.005357	0.018632	-0.022679
	0.000252	0.011453	0.010624	0.001043	-0.037479	0.002565
	0.001597					
y570	-0.004195	-0.004615	0.006349	-0.001075	-0.001013	-0.010250
	-0.001272	0.010155	-0.002150	-0.011870	-0.003332	0.000485
	0.003863	-0.009720	-0.001096	-0.005493	-0.015710	-0.007262
	-0.014170	0.005062	0.002095	0.013901	-0.002771	0.006843
	-0.021037	0.003525	0.009021	0.003919	0.007238	-0.004190
	-0.001509					
z570	0.021102	-0.054990	0.024024	0.035739	0.022044	-0.034934
	0.023034	0.018116	0.010430	-0.023104	-0.011307	-0.008010
	0.007256	0.011757	-0.002694	0.020171	-0.022134	-0.037151
	-0.016336	0.020815	-0.004327	0.013637	-0.037809	-0.002566
	-0.030984	0.014122	0.002079	-0.034614	0.001171	0.025249
	0.018935					
x571	0.056354	-0.019397	-0.003420	0.014276	-0.002960	0.016950
	-0.015281	-0.043025	0.016258	-0.007100	-0.000331	-0.007131
	-0.007267	0.026528	0.001269	0.024712	-0.008459	0.023212
	0.029122	-0.010849	-0.000400	0.002230	0.024132	-0.015421
	-0.006608	0.012711	0.004596	0.008622	-0.027669	0.004450
	0.007200					

y571	-0.014742	-0.004343	0.008770	-0.002046	-0.004495	-0.012419
	0.002922	0.014853	-0.005835	-0.005379	0.002964	-0.003735
	-0.001143	-0.020322	-0.005652	-0.010400	-0.015937	-0.010721
	-0.021117	0.009394	-0.005941	0.011417	-0.008793	0.012647
	-0.021165	-0.000089	0.016751	-0.001687	0.008619	-0.001626
	0.008060					
z571	0.019992	-0.053867	0.016071	0.042706	0.001950	-0.026798
	0.011634	0.020584	0.010018	-0.012528	0.005636	-0.013503
	-0.011520	-0.011282	-0.002507	0.025373	-0.026367	-0.046525
	-0.010509	0.017699	-0.010591	0.016365	-0.025802	0.007745
	-0.039585	0.016370	0.006411	-0.035195	0.009096	0.025834
	0.032631					
x572	0.050228	-0.013014	-0.005201	0.014007	-0.007273	0.013174
	-0.021340	-0.034513	0.018201	-0.004232	0.005155	-0.007768
	-0.003140	0.013348	0.001520	0.027763	-0.010911	0.016020
	0.024898	-0.002147	0.005354	0.009917	0.016349	-0.010658
	0.000294	0.012645	-0.004161	0.008913	-0.021311	0.002704
	0.003955					
y572	-0.025613	-0.005411	0.010388	-0.003730	-0.006946	-0.013654
	0.012404	0.022989	-0.008658	0.000034	0.006179	-0.008791
	-0.005726	-0.023491	-0.008705	-0.012624	-0.011112	-0.015716
	-0.024797	0.010624	-0.018000	0.001700	-0.013120	0.015807
	-0.018606	-0.001376	0.022849	-0.011013	0.008483	0.002458
	0.005682					
z572	0.015065	-0.044618	0.013276	0.040596	-0.012992	-0.016775
	-0.005196	0.023546	0.004008	-0.001352	0.009797	-0.015036
	-0.027790	-0.034298	0.002926	0.028679	-0.020924	-0.050631
	-0.011254	0.014993	-0.018332	0.003655	-0.027490	0.018408
	-0.036695	0.009390	0.011450	-0.034160	0.014797	0.005531
	0.019233					
x573	0.043905	-0.012103	-0.006318	0.014698	-0.010260	0.011448
	-0.025250	-0.025178	0.016951	-0.002665	0.004160	-0.008785
	-0.004392	0.006996	0.003068	0.028405	-0.011407	0.005492
	0.020102	0.002343	0.012603	0.008077	0.009915	-0.003383
	-0.002900	0.013842	-0.005794	0.008842	-0.009387	0.006307
	0.007550					
y573	-0.032621	-0.006731	0.012997	-0.003704	-0.007467	-0.014572
	0.019281	0.028403	-0.011836	0.003971	0.008152	-0.008465
	-0.009237	-0.028709	-0.009444	-0.012899	-0.002962	-0.022061
	-0.022670	0.006686	-0.031884	-0.003907	-0.013608	0.016276
	-0.010532	-0.005753	0.022066	-0.017667	0.009570	-0.002000
	0.001968					

z573	0.010573	-0.035620	0.009873	0.037634	-0.023189	-0.007907
	-0.018414	0.024805	0.001717	0.005969	0.014273	-0.016659
	-0.036691	-0.047668	0.006587	0.029818	-0.017827	-0.051766
	-0.009515	0.008550	-0.021963	-0.003875	-0.027582	0.024967
	-0.031234	0.003648	0.011987	-0.031044	0.018205	-0.009024
	0.011955					
x574	0.036515	-0.010623	-0.006123	0.015279	-0.011390	0.009976
	-0.028348	-0.015200	0.015615	0.000112	0.006188	-0.009444
	-0.003791	-0.000651	0.004106	0.023900	-0.008938	-0.002572
	0.015775	0.008295	0.009144	0.007595	0.009197	0.001594
	-0.001203	0.009658	-0.010080	0.005952	-0.000070	0.010722
	0.007992					
y574	-0.039249	-0.007262	0.014070	-0.004119	-0.011391	-0.014257
	0.026284	0.031873	-0.014898	0.004509	0.008272	-0.010326
	-0.015323	-0.032161	-0.009887	-0.010038	0.003576	-0.027369
	-0.017530	-0.001857	-0.037144	-0.008312	-0.014982	0.018828
	-0.004435	-0.005793	0.024503	-0.022802	0.006817	-0.009534
	-0.005618					
z574	0.006017	-0.026728	0.006811	0.034223	-0.031269	-0.000918
	-0.029596	0.023690	0.003112	0.010490	0.018035	-0.018512
	-0.043499	-0.056731	0.008180	0.028816	-0.015557	-0.050131
	-0.005932	0.002546	-0.021548	-0.006861	-0.028048	0.028465
	-0.028382	-0.000519	0.011693	-0.026158	0.020088	-0.020382
	0.007565					
x575	0.027841	-0.008892	-0.004803	0.014152	-0.014576	0.010250
	-0.030151	-0.006695	0.014963	0.001479	0.008693	-0.009513
	-0.006985	-0.004479	0.005190	0.021260	-0.005404	-0.012942
	0.012039	0.009794	0.007315	0.003788	0.004816	0.007901
	-0.000587	0.003960	-0.013456	0.001175	0.003933	0.013367
	0.000953					
y575	-0.045262	-0.005943	0.015662	-0.002650	-0.015554	-0.015697
	0.033541	0.033425	-0.014784	0.004498	0.008074	-0.014922
	-0.019925	-0.039087	-0.008163	-0.010873	0.006967	-0.025902
	-0.011400	-0.007924	-0.042572	-0.007165	-0.011081	0.016928
	-0.000523	-0.002069	0.028628	-0.021729	0.006642	-0.024264
	-0.002152					
z575	0.001545	-0.017977	0.004106	0.030875	-0.036584	0.004243
	-0.039413	0.021580	0.007668	0.013484	0.021679	-0.020839
	-0.047261	-0.062024	0.008646	0.025036	-0.012377	-0.044315
	-0.001735	-0.000280	-0.019741	-0.007847	-0.026431	0.028972
	-0.025002	-0.003748	0.009906	-0.020623	0.019034	-0.028070
	0.004375					

x576	0.017600	-0.005145	-0.002435	0.013999	-0.017773	0.009421
	-0.029407	0.000429	0.016705	0.003843	0.009980	-0.010260
	-0.011030	-0.011890	0.003623	0.016678	-0.001665	-0.019689
	0.011041	0.007891	0.000012	0.002210	-0.000570	0.009534
	0.001053	0.003150	-0.016373	0.002490	0.010166	0.004435
	-0.000912					
y576	-0.049969	-0.005024	0.018315	-0.001576	-0.019102	-0.017569
	0.039848	0.036156	-0.014182	0.001470	0.010012	-0.017785
	-0.024360	-0.041139	-0.008732	-0.009682	0.013861	-0.024877
	-0.008673	-0.009979	-0.038427	-0.009735	-0.012157	0.012554
	-0.001520	-0.006025	0.031507	-0.026476	-0.002045	-0.026863
	-0.001353					
z576	-0.002421	-0.009589	0.001561	0.026835	-0.039389	0.008863
	-0.048788	0.019204	0.013668	0.015241	0.024775	-0.024058
	-0.047013	-0.063510	0.009088	0.020502	-0.009457	-0.035616
	0.002116	-0.001307	-0.016523	-0.004663	-0.024648	0.026968
	-0.021540	-0.005267	0.006307	-0.015724	0.019295	-0.032747
	-0.003054					
x577	0.005850	-0.000752	0.000488	0.013925	-0.019535	0.008019
	-0.026159	0.007269	0.021095	0.004371	0.012192	-0.012347
	-0.016530	-0.018610	0.003144	0.011031	0.003558	-0.021052
	0.009319	0.006998	-0.007436	0.005193	-0.005399	0.008103
	0.000083	0.001148	-0.016874	-0.000163	0.007973	-0.002621
	-0.003813					
y577	-0.052650	-0.003462	0.022234	-0.000465	-0.026653	-0.019324
	0.041232	0.034182	-0.012452	0.002300	0.012905	-0.018052
	-0.032285	-0.041241	-0.010847	-0.010395	0.016087	-0.017283
	-0.000114	-0.008324	-0.029453	-0.014707	-0.010845	0.003827
	-0.002346	-0.013783	0.034265	-0.023737	-0.005988	-0.032164
	-0.006223					
z577	-0.005820	-0.001315	-0.001055	0.022511	-0.039452	0.011584
	-0.057449	0.016497	0.021270	0.015257	0.027031	-0.026920
	-0.042401	-0.060788	0.006112	0.013933	-0.005173	-0.027257
	0.006702	-0.001416	-0.012552	-0.003694	-0.022479	0.021939
	-0.017638	-0.005764	0.000007	-0.009076	0.017298	-0.034110
	-0.009836					
x578	-0.006471	0.003738	0.004527	0.013179	-0.023570	0.005964
	-0.023666	0.011917	0.028051	0.003534	0.014177	-0.015811
	-0.023122	-0.023936	0.000823	0.003659	0.007810	-0.018298
	0.007948	0.006700	-0.011316	0.007507	-0.007833	0.004223
	-0.002057	-0.004634	-0.013613	-0.001217	0.005967	-0.011460
	-0.009388					

y578	-0.054420	-0.003331	0.027849	-0.001123	-0.032481	-0.020743
	0.038289	0.031591	-0.010547	0.000319	0.020679	-0.013083
	-0.037348	-0.034839	-0.009076	-0.010637	0.018902	-0.009232
	0.004126	-0.002943	-0.015262	-0.011455	-0.006659	-0.003817
	-0.003899	-0.013600	0.035139	-0.029840	-0.009367	-0.030186
	-0.016293					
z578	-0.009217	0.006724	-0.004500	0.018002	-0.035484	0.012870
	-0.063600	0.014851	0.030779	0.013193	0.028035	-0.030274
	-0.034282	-0.054733	0.002595	0.005127	0.000237	-0.017448
	0.013326	-0.001067	-0.009823	-0.000930	-0.019854	0.014131
	-0.015015	-0.003395	-0.008872	-0.003068	0.009971	-0.031745
	-0.016995					
x579	-0.019984	0.008577	0.008626	0.012116	-0.028733	0.001680
	-0.021060	0.016208	0.036417	0.001540	0.016579	-0.020485
	-0.027904	-0.027890	-0.004134	-0.008897	0.011873	-0.013582
	0.014762	0.006535	-0.009348	0.008943	-0.008099	-0.003821
	-0.001231	-0.010998	-0.011396	-0.002050	0.000061	-0.017635
	-0.015582					
y579	-0.052512	-0.002314	0.033025	-0.000653	-0.035920	-0.019291
	0.034427	0.025875	-0.005253	-0.003234	0.027749	-0.008113
	-0.039546	-0.030185	-0.010205	-0.007162	0.019276	-0.002148
	0.009725	0.002001	0.006197	-0.009862	-0.001114	-0.017383
	0.000082	-0.019104	0.020982	-0.033025	-0.023241	-0.021087
	-0.012969					
z579	-0.012405	0.013568	-0.007145	0.012447	-0.027912	0.014053
	-0.067440	0.012758	0.042756	0.008943	0.029127	-0.031628
	-0.023047	-0.041889	-0.002013	-0.002432	0.007420	-0.003249
	0.017602	0.000875	-0.007527	0.004167	-0.016580	0.007850
	-0.013852	-0.000034	-0.016020	-0.000780	0.000676	-0.026735
	-0.018500					
x580	-0.032100	0.013252	0.012898	0.010556	-0.035141	-0.004216
	-0.017137	0.015512	0.041953	-0.003631	0.023686	-0.025419
	-0.030192	-0.024150	-0.008478	-0.023885	0.018255	-0.001968
	0.017245	0.010307	-0.004167	0.012762	-0.002799	-0.018919
	0.000683	-0.014685	-0.010230	-0.006114	-0.011637	-0.021109
	-0.021552					
y580	-0.047646	-0.004687	0.033798	0.000638	-0.035126	-0.018404
	0.030226	0.024899	-0.005512	-0.003540	0.028485	-0.000187
	-0.031945	-0.020881	-0.011267	-0.007540	0.023253	-0.002664
	0.017666	0.009544	0.017507	-0.012057	0.003797	-0.018750
	-0.000292	-0.011873	0.009952	-0.034430	-0.018043	-0.013544
	-0.006139					

z580	-0.017201	0.021939	-0.009342	0.008306	-0.019722	0.012181
	-0.066936	0.008204	0.062998	0.000189	0.026214	-0.034245
	-0.015012	-0.021000	-0.009006	-0.016062	0.017073	0.009627
	0.027485	0.001587	-0.005644	0.016785	-0.006086	-0.007074
	-0.004596	0.001380	-0.030382	0.002004	-0.020146	-0.021639
	-0.026426					
x581	-0.040417	0.010688	0.016928	0.008713	-0.032688	-0.008563
	-0.012657	0.017696	0.042054	-0.006933	0.030875	-0.020871
	-0.025865	-0.021244	-0.007032	-0.015539	0.018428	-0.000002
	0.013956	0.015416	0.007893	0.003806	-0.001242	-0.021405
	-0.008537	-0.010122	-0.001003	-0.016095	-0.022707	-0.005978
	-0.018869					
y581	-0.039805	-0.006458	0.032347	0.002380	-0.028725	-0.014043
	0.026418	0.022643	-0.004779	-0.007501	0.028144	0.006219
	-0.030293	-0.012970	-0.012560	-0.007642	0.015826	-0.008628
	0.025289	0.010633	0.025230	-0.014372	0.009242	-0.013269
	-0.001704	-0.005490	0.000663	-0.029650	-0.024721	0.000335
	-0.005465					
z581	-0.020056	0.025964	-0.013340	0.007143	-0.004139	0.012175
	-0.061037	0.004265	0.082249	-0.004493	0.018964	-0.036728
	-0.006542	-0.009693	-0.005623	-0.014145	0.005560	0.001494
	0.021898	0.001784	-0.008509	0.017923	-0.008770	-0.017071
	0.003831	0.012377	-0.015682	-0.007443	-0.014686	-0.009015
	-0.014018					
x582	-0.046736	0.007719	0.018800	0.007302	-0.028553	-0.010999
	-0.011338	0.024113	0.042981	-0.009093	0.033771	-0.012673
	-0.016297	-0.015175	-0.009175	-0.009141	0.014943	0.002916
	0.019015	0.019634	0.018253	-0.003283	-0.002930	-0.016625
	-0.012415	-0.002060	0.003771	-0.030270	-0.025051	0.005652
	-0.010778					
y582	-0.032676	-0.007828	0.029135	0.003384	-0.025953	-0.009924
	0.021080	0.024588	-0.008871	-0.009720	0.022826	0.009921
	-0.021496	-0.002560	-0.017053	-0.013350	0.010806	-0.007554
	0.025495	0.014158	0.028697	-0.012724	0.006963	-0.004241
	0.000518	-0.000569	-0.001886	-0.027681	-0.017953	-0.001151
	0.004544					
z582	-0.022481	0.029224	-0.015588	0.002864	0.010919	0.013227
	-0.055160	0.000063	0.094180	-0.005624	0.016901	-0.038187
	-0.001196	-0.004081	-0.002883	-0.004115	-0.007456	-0.003189
	0.011048	0.005908	-0.013153	0.011378	-0.012656	-0.020049
	0.001729	0.017363	-0.004536	-0.012042	-0.013643	0.005223
	-0.004495					

x583	-0.049392	0.004577	0.021408	0.008620	-0.022393	-0.014517
	-0.009310	0.027428	0.043924	-0.011247	0.035021	-0.006657
	-0.006424	-0.007543	-0.010491	-0.002259	0.003725	0.007558
	0.018226	0.027911	0.027369	-0.008696	-0.005439	-0.008348
	-0.011928	0.006903	0.009589	-0.037375	-0.019856	0.018174
	0.007135					
y583	-0.023398	-0.008540	0.026678	0.006191	-0.020816	-0.009576
	0.019546	0.021681	-0.012982	-0.010000	0.016994	0.009585
	-0.013613	0.000068	-0.016837	-0.013252	0.002619	-0.005091
	0.020209	0.018031	0.026962	-0.012464	0.003999	0.000082
	-0.000105	0.006404	-0.003079	-0.017384	-0.008947	-0.001108
	0.017313					
z583	-0.026017	0.031883	-0.018568	-0.003279	0.023104	0.015038
	-0.049590	0.001536	0.100850	-0.003096	0.013839	-0.038882
	0.004808	-0.001182	-0.001735	0.003750	-0.013395	-0.004988
	0.004034	0.008536	-0.017891	0.005028	-0.015443	-0.020494
	-0.000675	0.017189	0.002777	-0.015819	-0.017446	0.014739
	-0.004421					
x584	-0.052063	0.000692	0.023036	0.010392	-0.016433	-0.018094
	-0.009711	0.034267	0.046357	-0.012335	0.033002	-0.002588
	0.008395	-0.008914	-0.014358	0.003438	-0.004714	0.009776
	0.014303	0.034217	0.029899	-0.011789	-0.008370	-0.000944
	-0.015465	0.019598	0.013843	-0.040692	-0.009927	0.025246
	0.016895					
y584	-0.015870	-0.010261	0.025080	0.006404	-0.017248	-0.007190
	0.015537	0.020969	-0.013734	-0.010303	0.012559	0.009916
	-0.007452	-0.001978	-0.016235	-0.011545	0.000761	-0.004662
	0.009564	0.018469	0.020678	-0.009577	0.001836	0.000868
	-0.004216	0.009668	-0.005016	-0.010613	-0.001800	-0.006277
	0.015033					
z584	-0.027196	0.035429	-0.020605	-0.010169	0.034125	0.017003
	-0.042056	-0.000025	0.102075	0.001317	0.011681	-0.039264
	0.005260	0.002877	-0.002413	0.012556	-0.018840	-0.005422
	-0.001299	0.007099	-0.021959	-0.004383	-0.019748	-0.021592
	-0.001119	0.014897	0.010209	-0.015084	-0.016584	0.020093
	0.000258					
x585	-0.052043	-0.003639	0.023862	0.008852	-0.009816	-0.023121
	-0.010839	0.037179	0.045661	-0.014702	0.028449	-0.001904
	0.020726	-0.012775	-0.015706	0.006210	-0.014327	0.009158
	0.012937	0.037917	0.028580	-0.017998	-0.007184	0.011854
	-0.018508	0.035323	0.021478	-0.041325	-0.000733	0.034420
	0.022237					

y585	-0.007811	-0.010961	0.019800	0.004769	-0.012823	-0.003954
	0.011905	0.017973	-0.017350	-0.007828	0.006411	0.010072
	-0.004491	-0.006187	-0.016101	-0.010328	0.004575	-0.000985
	0.008620	0.014433	0.011500	-0.007618	0.001731	0.003644
	-0.003683	0.009723	-0.007870	-0.006571	-0.000862	-0.006860
	0.008204					
z585	-0.029331	0.039012	-0.021344	-0.015917	0.042474	0.021906
	-0.034329	0.003307	0.102486	0.008557	0.010109	-0.040116
	0.006195	0.004799	-0.001766	0.022238	-0.023869	-0.006608
	-0.012840	0.006684	-0.025513	-0.003995	-0.027058	-0.026769
	-0.005353	0.010009	0.015121	-0.012865	-0.007808	0.016840
	0.005994					
x586	-0.051262	-0.006222	0.025625	0.006002	-0.003386	-0.024128
	-0.009910	0.041492	0.043094	-0.013914	0.025717	-0.002971
	0.031846	-0.017243	-0.016658	0.013617	-0.018777	0.007791
	0.007557	0.041005	0.023990	-0.022436	-0.010673	0.018438
	-0.024177	0.042071	0.022334	-0.046174	0.007399	0.027734
	0.022247					
y586	-0.000370	-0.010891	0.014117	0.002028	-0.009519	0.001820
	0.009822	0.015531	-0.023580	-0.002718	0.003911	0.006366
	-0.000683	-0.008391	-0.010066	-0.004489	0.011052	0.003224
	0.004908	0.008765	0.006326	-0.005438	0.000967	0.000857
	-0.004455	0.000926	-0.009916	-0.006888	-0.001755	-0.009247
	-0.000645					
z586	-0.030090	0.043450	-0.024183	-0.021764	0.049165	0.025714
	-0.024971	0.001621	0.100654	0.017143	0.006030	-0.038958
	0.004502	0.004291	-0.006425	0.027361	-0.025383	-0.004191
	-0.011713	0.001604	-0.032084	-0.013985	-0.025886	-0.025190
	-0.002959	0.006051	0.021497	-0.002191	-0.001122	0.023970
	0.008156					
x587	-0.048125	-0.008982	0.024033	-0.000611	-0.000405	-0.021076
	-0.011195	0.041733	0.036172	-0.004257	0.025230	-0.003636
	0.040555	-0.021480	-0.014813	0.028697	-0.016850	0.006675
	0.003997	0.040567	0.016696	-0.033251	-0.013334	0.022909
	-0.026020	0.042443	0.029821	-0.038352	0.023922	0.027681
	0.016725					
y587	0.006067	-0.010119	0.009081	0.000314	-0.007552	0.006560
	0.008311	0.010949	-0.025903	0.001971	0.002585	0.003432
	-0.002103	-0.003990	-0.004740	-0.003596	0.018107	0.005091
	0.000933	0.001639	0.000421	-0.006902	0.002329	-0.002971
	-0.006007	-0.009004	-0.008140	-0.003544	0.000615	-0.003585
	-0.002981					

z587	-0.031410	0.050047	-0.025754	-0.025740	0.056143	0.029396
	-0.011278	0.000635	0.100506	0.022398	0.000391	-0.041120
	0.003348	0.001229	-0.010614	0.026371	-0.026301	-0.002873
	-0.009857	-0.000276	-0.037386	-0.015801	-0.017566	-0.024271
	0.000915	0.001255	0.020853	0.001328	-0.005562	0.026782
	0.004745					
x588	-0.042656	-0.011012	0.021185	-0.007582	0.003540	-0.016244
	-0.010071	0.038691	0.028123	0.009830	0.020927	-0.007175
	0.047883	-0.025207	-0.020248	0.039388	-0.014929	0.008345
	0.000277	0.044493	0.003792	-0.041636	-0.015632	0.027364
	-0.026026	0.035188	0.041782	-0.027511	0.031160	0.027112
	0.011373					
y588	0.010460	-0.005056	0.002662	0.002773	-0.006534	0.009432
	0.006874	0.003353	-0.018941	-0.001432	0.001054	0.002209
	-0.009297	0.001759	-0.000393	-0.017596	0.019653	0.003111
	-0.002035	-0.006739	-0.005772	-0.001226	0.006967	-0.006820
	-0.002117	-0.017080	-0.015240	-0.003478	0.002663	-0.000236
	-0.002847					
z588	-0.032184	0.058222	-0.026558	-0.028371	0.060659	0.033188
	0.004635	-0.001918	0.099101	0.026215	-0.003533	-0.042094
	-0.000413	-0.002455	-0.011291	0.026692	-0.026210	-0.002335
	-0.004755	-0.002233	-0.038380	-0.017566	-0.011582	-0.023673
	0.006461	-0.005654	0.011335	0.004163	-0.004991	0.021865
	0.003908					
x589	-0.035276	-0.007272	0.015906	-0.016217	0.005235	-0.012727
	-0.008057	0.027978	0.018395	0.013213	0.013895	-0.008395
	0.052245	-0.023249	-0.020776	0.042528	-0.014780	0.015789
	0.001546	0.035076	-0.003551	-0.036822	-0.007973	0.037610
	-0.018957	0.017442	0.056474	-0.019939	0.028383	0.024185
	-0.000226					
y589	0.015602	0.000755	-0.004180	0.005603	-0.008794	0.005112
	0.003736	-0.008935	-0.008693	-0.014043	-0.000437	0.005987
	-0.016764	0.007136	0.008048	-0.029160	0.016922	-0.005162
	0.000067	-0.016729	-0.003016	0.014812	0.017515	-0.011125
	0.007722	-0.013369	-0.026243	0.000762	-0.003491	-0.000467
	-0.000029					
z589	-0.032100	0.064502	-0.026667	-0.032532	0.065178	0.036485
	0.014607	0.001174	0.088641	0.033938	-0.008491	-0.038918
	0.001292	-0.010194	-0.016950	0.029293	-0.028009	0.001652
	-0.000689	-0.000260	-0.033694	-0.017021	-0.014771	-0.021141
	0.001941	-0.017831	0.009819	0.026302	-0.008096	-0.000620
	0.006425					

x590	-0.028461	-0.002768	0.011636	-0.022928	-0.001727	-0.013417
	-0.009955	0.022022	0.013488	0.009190	0.005180	-0.005272
	0.052648	-0.012816	-0.014539	0.032995	-0.011423	0.016402
	0.000034	0.019107	0.002121	-0.025177	0.003558	0.047962
	-0.022278	0.005026	0.062396	-0.014631	0.021501	0.014742
	0.004831					
y590	0.018854	0.004925	-0.009015	0.007403	-0.005554	0.002067
	0.004064	-0.017740	0.000524	-0.017035	-0.001968	0.006591
	-0.019253	0.007436	0.012734	-0.028026	0.015207	-0.010874
	0.001811	-0.016897	-0.002531	0.026951	0.017842	-0.019741
	0.012492	-0.009418	-0.034295	0.011760	-0.019324	-0.004545
	-0.005066					
z590	-0.030251	0.063273	-0.024394	-0.037503	0.059728	0.031455
	0.015968	0.001476	0.084413	0.033772	-0.012414	-0.038704
	0.006811	-0.003409	-0.019420	0.031892	-0.026526	-0.001318
	0.004189	0.005284	-0.022064	-0.019898	-0.011476	-0.013780
	-0.011462	-0.029860	-0.000634	0.031053	-0.023835	-0.001811
	0.023390					
x591	-0.023587	0.000680	0.008358	-0.026289	-0.008775	-0.010611
	-0.007740	0.013055	0.013575	0.009591	-0.001869	-0.009399
	0.047948	-0.005558	-0.010127	0.021916	-0.006926	0.017783
	-0.000905	0.010301	-0.002444	-0.024837	0.008196	0.052421
	-0.025535	0.001118	0.057663	-0.003887	0.023897	0.006172
	0.011212					
y591	0.018727	0.009221	-0.012698	0.011753	0.003428	0.003442
	0.007108	-0.014867	0.006979	-0.012709	-0.001553	0.005399
	-0.024961	0.005159	0.014301	-0.020571	0.013690	-0.013668
	0.002165	-0.014204	0.001176	0.033150	0.006807	-0.030960
	0.007188	-0.013770	-0.040922	0.013238	-0.028498	-0.000314
	-0.005031					
z591	-0.028886	0.064593	-0.022661	-0.038970	0.050208	0.027491
	0.020642	0.000527	0.082743	0.030036	-0.013018	-0.037770
	0.002893	-0.001551	-0.020564	0.030949	-0.026958	-0.004984
	0.006850	0.005896	-0.014493	-0.020509	-0.004165	-0.005744
	-0.020997	-0.039796	-0.002178	0.029040	-0.022898	0.005040
	0.035511					
x592	-0.018635	0.003673	0.005205	-0.027410	-0.013865	-0.009135
	-0.003426	0.003041	0.012352	0.011979	-0.007402	-0.016333
	0.037737	0.001343	-0.004130	0.015104	-0.005396	0.015542
	0.003257	0.006360	-0.004804	-0.024427	0.007252	0.051202
	-0.026355	-0.001471	0.049532	0.001614	0.021246	0.009013
	0.017475					

y592	0.018122	0.014702	-0.016531	0.016482	0.013329	0.003284
	0.009379	-0.009883	0.015203	-0.015993	0.000866	0.005347
	-0.025926	-0.000903	0.012025	-0.013625	0.009637	-0.020774
	0.002169	-0.011231	0.006423	0.036913	0.004732	-0.038930
	0.007766	-0.018247	-0.051444	0.009194	-0.031143	-0.004258
	-0.009941					
z592	-0.027427	0.065291	-0.021172	-0.041072	0.040531	0.023920
	0.023674	-0.001502	0.080509	0.023206	-0.013380	-0.035945
	0.002911	-0.002484	-0.022576	0.027116	-0.028411	-0.007628
	0.005671	0.003108	-0.009708	-0.020968	0.007036	0.004301
	-0.024865	-0.045979	0.002410	0.029119	-0.015858	0.002991
	0.035567					
x593	-0.015008	0.007836	0.002675	-0.026563	-0.014782	-0.008077
	0.001693	-0.004930	0.016156	0.011099	-0.010469	-0.022672
	0.028442	0.005401	-0.001294	0.010820	-0.004022	0.008927
	0.004514	0.004107	-0.006182	-0.018952	0.008347	0.040170
	-0.022707	-0.003376	0.039473	0.001167	0.012765	0.008724
	0.017820					
y593	0.017976	0.020301	-0.022806	0.020635	0.022377	0.001978
	0.011710	-0.004737	0.018385	-0.019106	0.002125	0.008002
	-0.024148	-0.010600	0.007894	-0.011833	0.003898	-0.026855
	0.005248	-0.010120	0.009476	0.039018	0.007749	-0.035840
	0.012772	-0.018524	-0.054238	0.007171	-0.026299	-0.013664
	-0.016729					
z593	-0.025392	0.064252	-0.021161	-0.043947	0.030786	0.020053
	0.027851	-0.003935	0.071827	0.019278	-0.015515	-0.033325
	0.002843	-0.002379	-0.023346	0.022497	-0.027438	-0.009879
	0.008943	0.000551	-0.005037	-0.025239	0.015665	0.020281
	-0.029838	-0.044676	0.010171	0.028400	-0.004811	0.000877
	0.033875					
x594	-0.012177	0.012697	-0.000597	-0.025830	-0.014206	-0.006587
	0.007515	-0.010215	0.019247	0.007924	-0.011797	-0.024827
	0.019168	0.009192	-0.000174	0.005707	-0.004938	-0.000413
	0.004245	0.002421	-0.004247	-0.015936	0.011075	0.033956
	-0.019500	-0.003817	0.035241	0.001158	0.012147	0.005278
	0.015900					
y594	0.016492	0.024449	-0.028082	0.021461	0.031421	0.002875
	0.013598	-0.001204	0.020017	-0.022906	0.000344	0.012463
	-0.024090	-0.014144	0.006357	-0.007997	0.001077	-0.026505
	0.007686	-0.014173	0.015952	0.035559	0.013172	-0.028443
	0.013355	-0.019696	-0.051556	0.006823	-0.022381	-0.013273
	-0.016232					

z594	-0.023284	0.061489	-0.020346	-0.047155	0.021945	0.015536
	0.031089	-0.006262	0.062090	0.016483	-0.017305	-0.031500
	0.005210	-0.002955	-0.022778	0.022044	-0.027699	-0.009405
	0.013202	-0.001694	-0.000669	-0.026615	0.019366	0.029547
	-0.032224	-0.039574	0.016921	0.025631	0.001550	-0.002623
	0.032592					
x595	-0.009936	0.018727	-0.004638	-0.024789	-0.012112	-0.006166
	0.013214	-0.013981	0.022494	0.003436	-0.012629	-0.023344
	0.011684	0.009427	-0.000886	0.003426	-0.007931	-0.008028
	0.008804	0.000449	0.001252	-0.012170	0.013459	0.030784
	-0.013774	-0.004806	0.030792	0.000289	0.008745	0.000414
	0.010817					
y595	0.015504	0.028921	-0.032091	0.021085	0.037786	-0.000364
	0.013301	0.002557	0.023905	-0.027789	0.002012	0.010930
	-0.016964	-0.019198	0.005187	-0.002193	-0.002891	-0.026878
	-0.000030	-0.010837	0.020334	0.030617	0.009650	-0.031366
	0.013524	-0.025090	-0.053013	0.008002	-0.027591	-0.017194
	-0.008959					
z595	-0.021253	0.056998	-0.018942	-0.051827	0.012637	0.009368
	0.033217	-0.008344	0.049989	0.014129	-0.017080	-0.030915
	0.010030	-0.002911	-0.020849	0.023191	-0.027124	-0.008490
	0.015633	-0.000079	0.002160	-0.029258	0.018334	0.037781
	-0.032517	-0.030848	0.026786	0.020044	0.003240	-0.007181
	0.028378					
x596	-0.007470	0.023997	-0.008765	-0.023487	-0.008698	-0.007826
	0.018670	-0.014539	0.024059	0.000242	-0.012958	-0.019792
	0.006922	0.007234	-0.002713	0.007747	-0.011283	-0.011568
	0.014676	0.000059	0.004131	-0.004622	0.014343	0.029304
	-0.010110	-0.001627	0.026426	-0.001761	0.005616	-0.004548
	0.004409					
y596	0.013859	0.029582	-0.033586	0.017014	0.040539	-0.001388
	0.010904	0.006267	0.021505	-0.028484	-0.000543	0.017771
	-0.014531	-0.017965	0.004212	0.006186	-0.004721	-0.025032
	-0.002338	-0.017611	0.023942	0.018315	0.006910	-0.019343
	0.005267	-0.024375	-0.044168	0.002927	-0.018830	-0.019998
	0.002150					
z596	-0.019352	0.050351	-0.016766	-0.057221	0.002426	0.002703
	0.034492	-0.010272	0.036060	0.012786	-0.014895	-0.027626
	0.015633	-0.004413	-0.019383	0.022806	-0.026554	-0.008701
	0.018242	0.002294	0.004617	-0.032962	0.014447	0.044737
	-0.029276	-0.021781	0.040472	0.010588	0.003241	-0.014700
	0.018281					

x597	-0.004206	0.029032	-0.015393	-0.022753	-0.002137	-0.010487
	0.022562	-0.013249	0.019875	-0.006036	-0.014160	-0.014280
	0.006217	0.000647	-0.001094	0.015535	-0.014615	-0.014588
	0.016310	-0.002607	0.012579	-0.001393	0.012814	0.027754
	-0.010422	-0.000909	0.022240	-0.004966	0.005793	-0.012096
	-0.001488					
y597	0.011788	0.032066	-0.033318	0.012215	0.040673	-0.000963
	0.005631	0.010532	0.023284	-0.030745	0.005736	0.020592
	-0.003881	-0.026565	-0.003790	0.017336	-0.015653	-0.015617
	-0.009184	-0.020714	0.023643	0.016730	0.005607	-0.021033
	0.008653	-0.035653	-0.035469	-0.007472	-0.021280	-0.023887
	0.008743					
z597	-0.016818	0.041082	-0.012600	-0.062139	-0.009348	-0.005025
	0.036253	-0.013476	0.021652	0.014000	-0.011957	-0.025738
	0.019083	-0.005149	-0.017743	0.023129	-0.024959	-0.009166
	0.021716	0.008956	0.003603	-0.031657	0.008665	0.048546
	-0.022971	-0.006355	0.052051	-0.001040	-0.000119	-0.020766
	0.001880					
x598	0.000368	0.029632	-0.021625	-0.019185	0.005500	-0.015052
	0.022650	-0.011587	0.011784	-0.006981	-0.011881	-0.010444
	0.009210	-0.013527	0.002420	0.020730	-0.016191	-0.012551
	0.010986	0.000476	0.015588	-0.000575	0.005056	0.022469
	-0.008430	-0.009587	0.016257	-0.001130	-0.000623	-0.023643
	-0.007186					
y598	0.008369	0.030790	-0.032785	0.004048	0.032878	-0.002951
	0.000429	0.010715	0.021079	-0.021904	0.003942	0.020347
	0.000608	-0.027536	-0.006919	0.020308	-0.016860	-0.008662
	-0.007385	-0.016725	0.020772	0.007104	0.003437	-0.004423
	0.002432	-0.036032	-0.020798	-0.015275	-0.017888	-0.022884
	0.008314					
z598	-0.011780	0.030856	-0.010755	-0.065864	-0.021169	-0.014487
	0.041230	-0.018458	0.007398	0.014976	-0.009336	-0.025473
	0.017098	-0.006378	-0.015945	0.024940	-0.020841	-0.015131
	0.020859	0.015265	0.003776	-0.022696	0.007308	0.048029
	-0.020562	0.017307	0.057059	-0.007945	-0.004387	-0.022945
	-0.013011					
x599	0.004140	0.029455	-0.027066	-0.015803	0.015695	-0.017217
	0.022779	-0.007141	0.008172	-0.009120	-0.011597	-0.005133
	0.012580	-0.021056	-0.000067	0.022546	-0.020006	-0.007943
	0.000125	0.002300	0.013562	-0.001332	0.003730	0.020781
	-0.009307	-0.017715	0.002429	0.002665	-0.002067	-0.026248
	-0.008997					

y599	0.005880	0.028591	-0.029907	-0.001389	0.028536	-0.003823
	-0.003651	0.007359	0.014075	-0.020412	-0.000070	0.019418
	0.005097	-0.028592	-0.005704	0.013523	-0.009251	-0.004907
	-0.007050	-0.017153	0.021500	0.001756	0.005087	-0.005243
	0.003141	-0.023411	-0.023068	-0.020886	-0.014614	-0.023719
	0.004653					
z599	-0.005950	0.023458	-0.009480	-0.063769	-0.027069	-0.022342
	0.048481	-0.018862	0.001329	0.011039	-0.011438	-0.024232
	0.024279	-0.001988	-0.016444	0.027143	-0.022636	-0.012672
	0.011541	0.017526	0.003658	-0.014109	0.010157	0.047798
	-0.030178	0.017574	0.051796	-0.002606	0.007254	-0.017349
	-0.013378					
x600	0.006274	0.030784	-0.031975	-0.017684	0.019984	-0.018667
	0.022177	-0.003045	0.005804	-0.012214	-0.012279	-0.001121
	0.014330	-0.027938	-0.003948	0.025284	-0.025429	-0.006161
	-0.006256	0.001883	0.014786	-0.001949	0.006113	0.018258
	-0.013547	-0.018137	-0.006633	-0.004346	-0.003113	-0.024568
	-0.001184					
y600	0.005259	0.024293	-0.026952	-0.002816	0.024201	-0.003351
	-0.007548	0.004686	0.008631	-0.020981	-0.002803	0.014779
	0.005486	-0.023779	0.002339	0.009202	-0.005229	-0.002629
	-0.007610	-0.016202	0.016811	-0.004269	0.009042	-0.007499
	0.001049	-0.016575	-0.016874	-0.023938	-0.003850	-0.022085
	0.010757					
z600	-0.001815	0.015695	-0.006485	-0.058618	-0.029555	-0.027071
	0.050893	-0.018184	-0.004100	0.005960	-0.013865	-0.018930
	0.029307	-0.000929	-0.012578	0.027827	-0.021995	-0.010499
	0.013307	0.020328	0.004079	-0.007420	0.007001	0.043788
	-0.035071	0.016928	0.041308	0.000364	0.015277	-0.011909
	-0.014587					
x601	0.007670	0.031162	-0.034616	-0.019085	0.021807	-0.018660
	0.017644	0.002934	0.002115	-0.015811	-0.012174	0.003870
	0.015561	-0.029847	-0.004799	0.028240	-0.025276	-0.003566
	-0.006120	-0.000321	0.015543	-0.005381	0.009820	0.015496
	-0.017049	-0.018797	-0.012087	-0.007505	-0.001540	-0.020610
	0.003153					
y601	0.004854	0.019520	-0.024070	-0.003836	0.018684	-0.002626
	-0.010711	0.006239	0.005373	-0.021523	-0.003586	0.011616
	0.006235	-0.015999	0.006323	0.007945	-0.000969	-0.004123
	-0.004220	-0.015681	0.012088	-0.008067	0.011964	-0.008369
	-0.000523	-0.012795	-0.010146	-0.020330	0.004958	-0.017484
	0.007405					

z601	0.001730	0.008707	-0.004416	-0.052173	-0.030433	-0.031029
	0.051443	-0.020332	-0.008882	0.001811	-0.016018	-0.016436
	0.031625	-0.002950	-0.007058	0.026834	-0.021654	-0.009037
	0.013613	0.021967	0.002149	-0.002001	0.004807	0.039146
	-0.034473	0.013939	0.033218	0.002490	0.016972	-0.011740
	-0.009626					
x602	0.007743	0.030231	-0.035126	-0.021520	0.022831	-0.018531
	0.012616	0.004461	-0.002165	-0.018708	-0.014733	0.006862
	0.014641	-0.031227	-0.002524	0.026065	-0.023010	-0.000633
	-0.005604	-0.001856	0.017226	-0.006196	0.010852	0.013568
	-0.015878	-0.019752	-0.012138	-0.013425	-0.006653	-0.021120
	0.007756					
y602	0.003994	0.014123	-0.018611	-0.004933	0.013401	-0.002133
	-0.012014	0.004227	0.003850	-0.019147	-0.004347	0.009322
	0.005500	-0.010889	0.008863	0.003973	0.000836	-0.004224
	-0.001980	-0.012190	0.008611	-0.004833	0.011549	-0.007860
	0.000865	-0.009912	-0.006725	-0.017888	0.003665	-0.015665
	0.006880					
z602	0.005084	0.002748	-0.004163	-0.044946	-0.031636	-0.033979
	0.050293	-0.019242	-0.012512	-0.002185	-0.016917	-0.014787
	0.032121	-0.004989	-0.003534	0.027571	-0.023479	-0.008345
	0.015058	0.020841	-0.001121	0.000390	0.004943	0.033899
	-0.030918	0.009640	0.025680	0.006270	0.017216	-0.010967
	-0.008911					
x603	0.007092	0.028841	-0.036909	-0.022405	0.021574	-0.017706
	0.009664	0.012180	-0.003259	-0.019515	-0.017250	0.004871
	0.016443	-0.033345	-0.003053	0.021573	-0.017402	0.000666
	-0.002946	-0.004095	0.018137	-0.011738	0.007419	0.005586
	-0.015823	-0.022114	-0.015574	-0.014088	-0.012695	-0.021391
	0.011546					
y603	0.002586	0.011198	-0.012723	-0.004916	0.009720	-0.000330
	-0.012531	0.006653	0.001341	-0.018473	-0.004242	0.010669
	0.004279	-0.004910	0.008804	-0.001473	0.004642	-0.006538
	-0.000609	-0.013171	0.010367	-0.003497	0.013178	-0.005596
	-0.000600	-0.007103	-0.002252	-0.011801	0.005306	-0.014021
	0.004406					
z603	0.007679	-0.001767	-0.003182	-0.038820	-0.031401	-0.035299
	0.047873	-0.022345	-0.017011	-0.005493	-0.016484	-0.011923
	0.030025	-0.007768	0.000459	0.027765	-0.025372	-0.005910
	0.014906	0.018484	-0.004489	0.004162	0.006125	0.029557
	-0.023265	0.006085	0.023922	0.007040	0.016378	-0.013131
	-0.011664					

x604	0.007782	0.030218	-0.038037	-0.023874	0.025025	-0.016058
	0.004958	0.017726	-0.009338	-0.027987	-0.018967	0.009157
	0.014385	-0.032766	-0.001510	0.018470	-0.012667	0.006070
	-0.002534	-0.010298	0.021758	-0.009181	0.017236	0.001792
	-0.013080	-0.018593	-0.006570	-0.017410	-0.016804	-0.026634
	0.010316					
y604	0.002256	0.005881	-0.006176	-0.004327	0.004488	0.001194
	-0.009057	0.003229	0.000089	-0.016833	-0.002175	0.006612
	0.000727	0.002576	0.009838	-0.001390	0.004801	-0.006883
	-0.000647	-0.009082	0.008137	-0.003708	0.013124	0.001441
	-0.003952	-0.003386	0.005244	-0.007367	0.009049	-0.008873
	0.004060					
z604	0.008807	-0.008230	-0.002539	-0.031508	-0.034902	-0.036115
	0.043372	-0.024881	-0.017213	-0.003659	-0.016131	-0.013130
	0.029040	-0.012575	0.003058	0.025160	-0.026112	-0.007377
	0.018447	0.019732	-0.011220	0.002862	-0.001220	0.024844
	-0.015454	-0.002460	0.018847	0.011906	0.010248	-0.015356
	-0.015047					
x605	0.009055	0.027011	-0.037538	-0.025193	0.022710	-0.014177
	0.000712	0.020232	-0.011632	-0.027787	-0.022589	0.007249
	0.010010	-0.030784	0.001686	0.011630	-0.006947	0.014710
	0.005551	-0.013395	0.018552	-0.012379	0.017880	0.006896
	-0.012769	-0.010843	0.003326	-0.008274	-0.017449	-0.028720
	0.016561					
y605	0.001872	-0.001908	-0.000514	-0.001270	-0.002889	0.000658
	-0.003748	-0.003754	0.004102	-0.007432	0.001671	-0.004005
	0.002868	0.003133	0.008134	-0.000967	0.002073	-0.008492
	0.001044	0.002327	-0.000091	-0.002378	0.002724	0.002245
	-0.002868	-0.002049	0.002661	-0.004906	0.004331	-0.003811
	0.000831					
z605	0.009165	-0.012650	-0.002508	-0.023793	-0.035467	-0.034801
	0.036990	-0.026137	-0.019446	-0.006306	-0.014957	-0.011146
	0.026194	-0.016294	0.005643	0.021179	-0.026751	-0.010615
	0.021690	0.018342	-0.013203	0.003570	-0.003575	0.015417
	-0.001857	-0.010203	0.015765	0.011021	0.002972	-0.018158
	-0.027205					
x606	0.009695	0.021849	-0.035444	-0.024660	0.019529	-0.014405
	-0.003529	0.023179	-0.011278	-0.029245	-0.021051	0.004076
	0.008546	-0.034264	0.001022	0.004699	-0.007453	0.017651
	0.010593	-0.007516	0.015760	-0.002985	0.016321	-0.003847
	-0.003114	-0.012130	0.007277	-0.005928	-0.032181	-0.025697
	0.019558					

y606	0.001217	-0.007473	0.003324	0.002769	-0.008807	0.000858
	0.001513	-0.011764	0.004686	0.000645	0.002946	-0.009810
	0.004016	0.005622	0.007265	-0.000763	-0.001739	-0.011089
	0.002130	0.007460	-0.005015	-0.002391	-0.003583	0.009009
	-0.001087	0.002409	0.001618	-0.003250	0.011376	0.000079
	-0.010556					
z606	0.008607	-0.015419	-0.003152	-0.016202	-0.035114	-0.030326
	0.027631	-0.027407	-0.022517	-0.008107	-0.014217	-0.008446
	0.020217	-0.020353	0.010410	0.013536	-0.024254	-0.010807
	0.028951	0.010827	-0.014316	-0.000785	-0.004553	0.009236
	0.013437	-0.015293	0.015942	0.013958	-0.005358	-0.026370
	-0.033504					
x607	0.008351	0.015649	-0.029853	-0.024128	0.014788	-0.013885
	-0.004911	0.025074	-0.011875	-0.027724	-0.023911	0.000648
	-0.000129	-0.029804	0.007342	-0.002980	-0.004282	0.020528
	0.019778	-0.005311	0.016098	-0.001271	0.012724	-0.000789
	0.002116	-0.007839	0.012183	0.000165	-0.033227	-0.022810
	0.005079					
y607	0.001306	-0.010006	0.004791	0.005755	-0.013830	0.001957
	0.007459	-0.019043	0.004430	0.007605	0.004473	-0.013206
	0.004489	0.005449	0.002329	-0.000765	-0.002083	-0.011590
	0.001276	0.008570	-0.009198	0.000960	-0.004910	0.010481
	0.002364	0.003566	-0.001024	-0.000969	0.011143	0.000927
	-0.008882					
z607	0.007317	-0.016373	-0.002569	-0.008013	-0.032812	-0.024705
	0.012016	-0.026390	-0.025492	-0.008136	-0.010500	-0.001087
	0.013901	-0.026704	0.016688	0.010213	-0.020985	-0.010815
	0.036384	0.000582	-0.017307	-0.000547	-0.003132	0.000796
	0.035561	-0.021022	0.015322	0.015087	-0.019650	-0.042944
	-0.026982					
x608	0.007586	0.013465	-0.024080	-0.024090	0.013861	-0.013389
	-0.005764	0.025979	-0.013865	-0.026452	-0.019195	0.002515
	-0.001958	-0.032695	0.009234	-0.004933	-0.000336	0.021725
	0.016573	-0.004191	0.012899	0.009711	0.007700	-0.011387
	0.006788	-0.007005	0.010092	0.002142	-0.035086	-0.024974
	0.001832					
y608	-0.000207	-0.010722	0.007543	0.010885	-0.015793	0.001224
	0.009640	-0.025151	0.004975	0.014087	0.003981	-0.009757
	0.006618	0.002343	-0.001256	-0.000234	0.002619	-0.007704
	0.004198	0.003394	-0.016522	0.003923	-0.001365	0.009319
	0.011886	-0.001150	-0.000746	-0.002238	0.012211	0.000093
	-0.011209					

z608	0.004141	-0.010059	-0.001704	-0.005748	-0.030527	-0.024819
	0.000834	-0.024928	-0.032457	-0.002757	-0.008996	0.012118
	0.018994	-0.030637	0.013367	0.008381	-0.015784	-0.005066
	0.027584	0.003176	-0.021180	0.004760	0.003826	-0.001968
	0.044782	-0.024243	0.004979	0.002002	-0.033721	-0.040310
	-0.021441					
x609	0.006122	0.011179	-0.017998	-0.023763	0.011064	-0.011599
	-0.005849	0.024551	-0.016440	-0.024866	-0.017001	0.006819
	-0.005622	-0.027524	0.010509	-0.008940	0.004573	0.017692
	0.013075	-0.004247	0.009576	0.012055	0.005460	-0.014121
	0.006232	-0.005020	0.008839	0.001212	-0.031615	-0.017654
	0.002871					
y609	-0.002310	-0.011568	0.008881	0.015669	-0.017997	0.001327
	0.009821	-0.030549	0.005715	0.019823	0.004281	-0.004403
	0.011108	-0.001482	-0.004571	0.007518	0.000208	-0.007078
	0.004980	0.000644	-0.021382	0.005063	-0.003259	0.013794
	0.017419	-0.000576	-0.000350	-0.004396	0.015290	0.000019
	-0.012044					
z609	0.001785	-0.005055	-0.002535	-0.004255	-0.030435	-0.022155
	-0.005164	-0.022138	-0.039091	0.000658	-0.009721	0.020150
	0.020130	-0.033531	0.009659	0.003616	-0.011911	0.000747
	0.019203	0.008259	-0.023473	0.011756	0.005475	-0.009782
	0.048786	-0.024708	0.000988	-0.006364	-0.039373	-0.035478
	-0.016001					
x610	0.005080	0.010234	-0.013796	-0.020995	0.007555	-0.008775
	-0.004843	0.021813	-0.019604	-0.020085	-0.014252	0.008622
	-0.007523	-0.024269	0.009110	-0.011226	0.005959	0.017757
	0.011204	0.001408	0.003295	0.015174	0.010232	-0.016279
	0.010064	-0.008871	0.009270	-0.002335	-0.025618	-0.013808
	-0.000418					
y610	-0.005157	-0.011610	0.009529	0.019166	-0.020588	-0.000163
	0.008257	-0.035872	0.007797	0.022871	0.000996	-0.000243
	0.012902	-0.002892	-0.006070	0.008991	-0.001882	-0.011199
	0.006774	-0.005262	-0.022460	0.006149	-0.005432	0.019665
	0.021919	0.005068	-0.005289	-0.005135	0.013175	0.001861
	-0.009714					
z610	-0.000488	-0.001403	-0.002579	-0.004650	-0.029360	-0.018848
	-0.011131	-0.017537	-0.042825	0.002476	-0.009898	0.028197
	0.018758	-0.034310	0.008189	-0.000566	-0.007417	0.004449
	0.010965	0.010731	-0.021899	0.016096	0.003256	-0.015631
	0.050669	-0.024408	-0.002542	-0.010320	-0.041962	-0.032666
	-0.009645					

x611	0.003534	0.008050	-0.010117	-0.018727	0.003417	-0.006463
	-0.005068	0.019810	-0.023087	-0.014431	-0.013159	0.010464
	-0.009847	-0.020498	0.009153	-0.012253	0.006528	0.018152
	0.007842	0.003421	-0.002155	0.017409	0.011143	-0.014571
	0.010732	-0.008909	0.006870	-0.002419	-0.017597	-0.009966
	-0.001821					
y611	-0.007931	-0.010383	0.009918	0.023278	-0.023807	-0.001838
	0.007862	-0.041627	0.011739	0.027429	-0.001625	0.002187
	0.015846	-0.003751	-0.011453	0.014386	-0.003178	-0.015535
	0.009338	-0.005124	-0.026189	0.006147	-0.006554	0.022630
	0.028991	0.005589	-0.007646	-0.009423	0.006544	0.000529
	-0.007154					
z611	-0.002843	0.001607	-0.001901	-0.006804	-0.027699	-0.014266
	-0.016141	-0.013096	-0.043748	0.002951	-0.009212	0.036077
	0.015069	-0.032649	0.008330	-0.003469	-0.002794	0.005421
	0.003004	0.013145	-0.017730	0.016673	0.000137	-0.021087
	0.049765	-0.026543	-0.004694	-0.013366	-0.042843	-0.031248
	-0.005150					
x612	0.001400	0.005460	-0.006371	-0.016928	-0.002004	-0.004639
	-0.006186	0.016660	-0.023270	-0.007259	-0.011654	0.013495
	-0.010625	-0.015595	0.007322	-0.009197	0.006612	0.013610
	0.003504	0.006896	-0.006875	0.017746	0.006008	-0.013348
	0.011898	-0.011666	0.002895	-0.004186	-0.014247	-0.010696
	-0.000494					
y612	-0.010698	-0.008347	0.010334	0.026468	-0.025448	-0.004536
	0.006323	-0.044395	0.013180	0.029821	-0.003215	0.005946
	0.018142	-0.006055	-0.016132	0.019351	-0.004108	-0.016403
	0.008642	-0.008493	-0.025280	0.004922	-0.005624	0.023674
	0.031728	0.007617	-0.013005	-0.012860	0.004735	0.001168
	-0.008208					
z612	-0.005024	0.004430	-0.001407	-0.009822	-0.025066	-0.008216
	-0.020203	-0.008216	-0.042624	0.001183	-0.008188	0.041774
	0.008717	-0.030064	0.010582	-0.008316	0.001044	0.007008
	-0.002924	0.013681	-0.012778	0.016451	-0.001153	-0.024435
	0.047788	-0.027688	-0.004578	-0.013199	-0.037245	-0.030112
	-0.004193					
x613	-0.001336	0.003905	-0.002804	-0.013829	-0.007148	-0.002909
	-0.007080	0.013085	-0.022022	-0.001811	-0.010972	0.016888
	-0.011159	-0.010377	0.006418	-0.006870	0.006444	0.007497
	-0.001383	0.009153	-0.009405	0.015110	0.000435	-0.009426
	0.012755	-0.014678	-0.002107	-0.004461	-0.013017	-0.010919
	-0.001109					

y613	-0.014236	-0.007295	0.009761	0.028397	-0.028010	-0.006047
	0.003724	-0.044385	0.015827	0.032321	-0.004360	0.010265
	0.020596	-0.005963	-0.020017	0.023126	-0.002613	-0.020770
	0.008785	-0.009384	-0.022713	0.003972	-0.000705	0.021410
	0.024723	0.006600	-0.015837	-0.020050	0.009698	-0.000851
	-0.010283					
z613	-0.006824	0.006120	-0.001010	-0.013780	-0.022321	-0.001426
	-0.022845	-0.004040	-0.038806	-0.000801	-0.006984	0.045907
	0.000888	-0.027050	0.013873	-0.012295	0.002981	0.008251
	-0.006743	0.013780	-0.009696	0.015490	-0.002745	-0.026695
	0.046898	-0.028860	-0.004090	-0.010610	-0.028008	-0.030151
	-0.003738					
x614	-0.004980	0.002503	0.000975	-0.010751	-0.012516	-0.001165
	-0.007677	0.007277	-0.018592	0.002864	-0.009941	0.019938
	-0.011929	-0.005119	0.007117	-0.003126	0.006381	0.000840
	-0.007307	0.009461	-0.011974	0.012344	-0.003873	-0.007011
	0.013389	-0.017352	-0.008493	-0.006284	-0.011475	-0.012292
	-0.004528					
y614	-0.016568	-0.004812	0.008190	0.029745	-0.029119	-0.008673
	0.000226	-0.043048	0.017948	0.035585	-0.008075	0.014101
	0.022180	-0.006518	-0.025902	0.024463	-0.001125	-0.022497
	0.009601	-0.010809	-0.017984	0.002498	0.006087	0.017813
	0.020118	0.006347	-0.011357	-0.020761	0.012374	-0.003904
	-0.007682					
z614	-0.008224	0.007237	-0.001310	-0.018693	-0.019557	0.006121
	-0.025195	0.000986	-0.033248	-0.003523	-0.006197	0.048000
	-0.009367	-0.022739	0.017080	-0.016983	0.004818	0.008890
	-0.007355	0.013431	-0.006270	0.012949	-0.005500	-0.026336
	0.045437	-0.030060	-0.003230	-0.005653	-0.016268	-0.031251
	-0.004474					
x615	-0.009505	0.002040	0.004056	-0.006823	-0.018551	-0.000714
	-0.008064	0.001677	-0.011626	0.006666	-0.009853	0.023959
	-0.013749	0.000623	0.004505	0.001333	0.007148	-0.007846
	-0.012965	0.007162	-0.010759	0.006756	-0.005543	-0.002220
	0.014251	-0.017933	-0.016668	-0.002442	-0.008266	-0.014937
	-0.008292					
y615	-0.018938	-0.002670	0.008042	0.027379	-0.029300	-0.010847
	-0.001347	-0.043837	0.020367	0.034940	-0.011683	0.018225
	0.020259	-0.005079	-0.030875	0.024209	0.001249	-0.019147
	0.011181	-0.014650	-0.011361	0.003041	0.012928	0.015323
	0.015275	0.009505	-0.006091	-0.023452	0.018764	-0.005925
	-0.006082					

z615	-0.008818	0.007617	-0.001942	-0.024902	-0.016244	0.015386
	-0.025838	0.004998	-0.026128	-0.006754	-0.004955	0.047264
	-0.021122	-0.018611	0.023364	-0.021808	0.005558	0.009198
	-0.005307	0.012874	-0.004191	0.010118	-0.008810	-0.025383
	0.042325	-0.032131	-0.000515	-0.000817	-0.001998	-0.030352
	-0.008289					
x616	-0.016237	0.001590	0.005270	-0.003942	-0.026205	-0.000459
	-0.012321	-0.005105	0.001267	0.007283	-0.012255	0.030996
	-0.022783	0.004909	0.006361	-0.001006	0.008002	-0.018377
	-0.017695	0.002932	-0.007534	-0.000328	-0.007826	-0.008455
	0.023217	-0.019809	-0.029615	0.000949	0.003907	-0.028343
	-0.018369					
y616	-0.021256	0.000107	0.007893	0.023465	-0.027875	-0.015761
	-0.001795	-0.038335	0.023752	0.031930	-0.014115	0.018912
	0.024112	-0.000625	-0.037755	0.023815	0.002082	-0.013240
	0.012653	-0.011975	-0.002301	0.006900	0.016908	0.016376
	0.017538	0.014858	-0.004346	-0.019099	0.013329	-0.001068
	-0.005189					
z616	-0.008914	0.006104	-0.003314	-0.029873	-0.012420	0.023677
	-0.029095	0.007826	-0.016418	-0.013625	-0.002786	0.042064
	-0.032570	-0.011858	0.034420	-0.025933	0.004913	0.006339
	-0.001853	0.008988	0.001342	0.002448	-0.011014	-0.019958
	0.039286	-0.022870	0.002451	0.009517	0.017610	-0.041688
	-0.011911					
x617	-0.023359	0.000658	0.010402	-0.007843	-0.032057	-0.002288
	-0.013979	-0.010587	0.011898	0.011112	-0.013252	0.044539
	-0.027710	0.009822	0.001102	0.003827	0.006049	-0.016665
	-0.016540	0.000450	-0.010058	-0.001668	-0.006931	-0.014689
	0.028541	-0.017304	-0.020054	0.008803	0.010782	-0.021092
	-0.026423					
y617	-0.021881	0.001232	0.006300	0.019471	-0.025751	-0.020434
	-0.002160	-0.033322	0.025294	0.026648	-0.015911	0.013333
	0.028500	-0.000002	-0.037888	0.025356	0.008480	-0.010526
	0.014385	-0.012348	0.011622	0.001825	0.017647	0.018473
	0.014071	0.015506	0.007724	-0.011912	0.021176	-0.002646
	-0.004285					
z617	-0.009279	0.001746	-0.001963	-0.043768	-0.006953	0.030503
	-0.028571	0.017410	-0.022558	-0.013496	0.002004	0.046067
	-0.031612	-0.003920	0.036032	-0.018967	0.005317	0.000785
	0.001454	0.021700	0.008209	-0.014878	-0.028055	-0.000930
	0.024582	-0.016562	0.018039	0.027698	0.010560	-0.038013
	-0.012485					

x618	-0.028576	-0.001038	0.015191	-0.011954	-0.034407	-0.006491
	-0.012752	-0.008542	0.016277	0.020224	-0.016487	0.054854
	-0.019508	0.013779	-0.012192	0.015058	0.006378	-0.008473
	-0.009503	0.000423	-0.006268	-0.002789	-0.005861	-0.009547
	0.033032	-0.010364	-0.003426	0.017986	0.016246	-0.004470
	-0.028259					
y618	-0.019940	0.002272	0.004642	0.013619	-0.020911	-0.025666
	-0.004705	-0.031490	0.026564	0.015360	-0.015277	0.005637
	0.022163	-0.001408	-0.029612	0.027119	0.006569	-0.014252
	0.017014	-0.013636	0.014547	-0.002203	0.018889	0.005123
	0.017142	0.024740	0.013527	-0.013420	0.025908	-0.005044
	-0.005724					
z618	-0.009306	-0.000458	0.000491	-0.054895	-0.001808	0.042237
	-0.026054	0.023397	-0.025678	-0.013209	0.006812	0.054871
	-0.037067	0.003444	0.037589	-0.016218	0.006252	0.002580
	-0.002024	0.035171	0.005143	-0.026268	-0.043374	0.008883
	0.017709	-0.023123	0.024232	0.034663	0.004268	-0.031401
	-0.011628					
x619	-0.032742	-0.001661	0.016672	-0.016575	-0.035840	-0.011748
	-0.012632	-0.006961	0.021350	0.025690	-0.021879	0.062434
	-0.008210	0.016599	-0.025405	0.023217	0.008314	-0.006856
	0.002610	-0.002706	-0.001147	-0.004253	-0.007622	-0.004234
	0.033462	-0.000431	0.007499	0.026144	0.015933	0.008603
	-0.024311					
y619	-0.016853	0.003213	0.005599	0.015681	-0.015034	-0.027268
	-0.007599	-0.021139	0.025979	0.006211	-0.016966	0.004561
	0.015911	-0.000591	-0.019856	0.020662	0.004376	-0.002125
	0.017769	-0.005468	0.005887	-0.008260	0.017957	0.003946
	0.036051	0.011874	0.011851	-0.002572	0.026088	-0.012362
	-0.004859					
z619	-0.012904	-0.000762	0.002025	-0.075483	-0.001043	0.055022
	-0.029061	0.020667	-0.018728	-0.015937	0.015794	0.057356
	-0.047666	0.000467	0.036140	-0.005603	0.009023	-0.018954
	0.006844	0.016131	-0.003185	-0.010288	-0.054137	-0.010585
	-0.021105	0.011306	0.028757	0.015658	0.000671	-0.019732
	-0.020318					
x620	-0.035712	-0.001484	0.015945	-0.025250	-0.035467	-0.018823
	-0.012880	-0.007685	0.026789	0.023377	-0.026489	0.062165
	-0.001144	0.017289	-0.029275	0.033538	0.006621	-0.007993
	0.011186	-0.014262	0.003057	-0.000927	-0.007701	-0.010007
	0.025830	0.022480	0.018368	0.026379	0.017709	0.019502
	-0.032527					

y620	-0.015911	0.003346	0.007228	0.015894	-0.010849	-0.024157
	-0.014315	-0.007778	0.028547	-0.000886	-0.015948	0.004117
	0.006099	-0.000580	-0.006338	0.012988	0.007135	0.001198
	0.023443	-0.000511	-0.003490	-0.001911	0.013370	-0.007130
	0.035838	0.010912	0.010583	-0.001290	0.025660	-0.017173
	-0.014328					
z620	-0.011784	-0.000861	0.004521	-0.071197	0.002826	0.071482
	-0.019916	0.026056	-0.021357	-0.010238	0.020017	0.068208
	-0.047498	0.010763	0.029822	-0.023466	0.005389	-0.000412
	-0.010351	0.040219	-0.011330	-0.017737	-0.060318	0.003526
	0.003156	-0.018681	0.027712	0.026336	0.006124	-0.008317
	0.000961					
x621	-0.034703	-0.000971	0.015265	-0.024924	-0.032520	-0.027798
	-0.012211	-0.004358	0.028796	0.020000	-0.030244	0.061844
	0.008322	0.020980	-0.030509	0.036586	0.000732	0.001446
	0.009474	-0.008100	0.004779	-0.010046	-0.011425	-0.009819
	0.045629	0.020258	0.028117	0.040291	0.026407	0.020924
	-0.034244					
y621	-0.011883	0.002844	0.009818	0.015456	-0.006886	-0.017154
	-0.019148	0.003841	0.027065	-0.006588	-0.008766	0.008344
	-0.005187	0.000721	0.002690	0.001672	0.008361	0.004473
	0.029009	0.002318	-0.014069	-0.001398	0.005760	-0.025591
	0.026702	-0.001575	0.004219	-0.005237	0.020384	-0.026137
	0.000681					
z621	-0.012221	0.001365	0.002044	-0.079865	0.002485	0.085437
	-0.013747	0.019755	-0.018897	-0.007733	0.024849	0.073298
	-0.049878	0.007828	0.016392	-0.032604	0.005141	-0.012771
	-0.012747	0.033471	-0.018744	-0.013217	-0.066588	-0.004801
	-0.007299	-0.007835	0.019818	0.016735	0.003971	0.001087
	0.011384					
x622	-0.030909	-0.000565	0.012654	-0.025883	-0.031711	-0.034183
	-0.015960	-0.006611	0.030135	0.013747	-0.033355	0.063958
	0.006914	0.022499	-0.029573	0.036227	0.000338	0.007575
	0.015992	-0.007897	-0.002344	-0.028202	-0.014431	-0.008938
	0.058775	0.010833	0.043532	0.061507	0.044492	0.010081
	-0.031665					
y622	-0.005284	0.001975	0.012299	0.008465	-0.000524	-0.002816
	-0.020995	0.012586	0.019001	-0.008840	-0.002222	0.020989
	-0.021104	0.001413	0.009634	-0.004497	0.013738	0.003375
	0.016313	0.004533	-0.025931	-0.010369	-0.009848	-0.041521
	-0.000909	-0.030716	-0.008386	-0.014413	0.003599	-0.032767
	0.031365					

z622	-0.010867	0.004205	-0.003456	-0.084817	0.000877	0.103130
	-0.003660	0.015258	-0.022008	-0.000532	0.027121	0.074829
	-0.038256	0.002738	-0.000194	-0.041375	0.006348	-0.016859
	-0.024672	0.033434	-0.019700	-0.011183	-0.065583	-0.013172
	0.005610	-0.001588	0.005244	0.005894	0.005541	0.016831
	0.010381					
x623	-0.026322	0.000081	0.009948	-0.033844	-0.030888	-0.021097
	-0.015121	-0.002948	0.027940	0.002130	-0.025323	0.056760
	0.001581	0.021315	-0.019631	0.032758	0.005309	0.002529
	0.002181	-0.013654	-0.003388	-0.027009	-0.012274	-0.015630
	0.048577	-0.006711	0.038708	0.073522	0.034395	0.007253
	-0.025235					
y623	0.003045	0.005451	0.002880	-0.004598	0.003245	0.021963
	-0.012120	0.011688	0.008841	-0.007250	-0.005851	0.019015
	-0.023351	-0.017270	0.008708	-0.016353	0.015170	-0.006197
	0.005042	-0.001586	-0.048117	0.007635	-0.009110	-0.062687
	-0.014173	-0.029127	-0.034201	-0.045419	-0.012266	-0.014993
	0.030469					
z623	-0.013006	0.004075	-0.018029	-0.089548	-0.006096	0.130084
	0.012086	0.012240	-0.026652	0.011169	0.034843	0.059442
	-0.002808	-0.005953	-0.009910	-0.053140	0.001953	-0.001321
	-0.046038	0.039189	-0.004463	0.029436	-0.035047	-0.010525
	0.020512	0.027986	-0.006118	-0.019251	0.010234	0.032580
	-0.032489					
x624	-0.017077	-0.003608	-0.014752	-0.053882	-0.023572	0.035546
	0.011859	0.012658	-0.001216	0.012188	-0.004708	0.021774
	0.030629	-0.003471	-0.020719	0.013765	-0.008145	0.028261
	-0.023961	-0.014541	0.011055	0.064995	0.018375	-0.000811
	0.019347	0.013173	0.005508	0.034837	-0.012219	0.025550
	-0.041825					
y624	0.009087	0.002122	-0.015597	-0.016727	0.006017	0.061430
	0.001087	0.000957	-0.017889	0.015575	-0.006414	0.010812
	-0.012282	-0.026508	-0.009788	-0.021353	0.011656	0.014433
	0.004563	-0.013656	-0.053654	0.013258	-0.001977	-0.048237
	-0.022937	-0.003779	-0.051387	-0.088530	0.015254	0.000341
	0.033370					
z624	-0.021456	0.003898	-0.010616	-0.088097	-0.023733	0.141303
	0.013265	0.000349	-0.009340	0.003889	0.066499	0.056866
	0.015102	0.019574	-0.021703	-0.062537	0.008453	-0.029640
	-0.092117	0.046870	0.047767	0.029018	-0.024055	-0.020257
	-0.013962	0.027759	-0.025342	-0.029724	-0.002894	0.017716
	-0.040264					

x625	-0.028264	-0.024638	-0.041606	-0.076989	-0.072330	0.153406
	0.026887	-0.006272	-0.010483	0.032968	0.038796	-0.036951
	-0.011904	0.090227	-0.038986	-0.004186	0.042728	-0.002452
	-0.052958	-0.010785	-0.012520	0.047098	0.090560	0.001187
	-0.039778	-0.019604	-0.010145	0.000732	-0.053875	0.005201
	-0.011359					
y625	0.007151	-0.018456	-0.054652	-0.030249	0.025649	0.077763
	-0.001723	0.055368	-0.087300	0.059964	-0.064922	0.015371
	0.020414	-0.043392	-0.055884	0.028189	0.021419	0.096113
	0.070615	-0.006161	-0.062308	-0.004072	-0.017342	-0.014584
	-0.007709	0.077404	-0.034398	-0.062271	0.013601	0.040621
	0.013434					
z625	-0.002245	0.020859	0.011853	-0.050370	0.009423	0.051586
	-0.006199	-0.017712	-0.011809	-0.004201	0.044991	0.101959
	0.024856	-0.041039	-0.013462	-0.041565	-0.013467	-0.006824
	-0.013549	0.001010	0.050986	-0.003673	-0.038479	-0.007664
	0.022673	0.036250	-0.009590	-0.020768	0.084826	-0.032994
	-0.054746					
x626	-0.038545	-0.014167	-0.037212	-0.000342	0.008070	-0.034120
	0.010616	-0.024134	0.003664	-0.021135	-0.045421	0.019546
	0.010979	0.073540	0.027039	-0.077179	-0.042563	0.008573
	-0.022320	0.046141	-0.094456	0.056134	-0.002301	0.014020
	-0.115787	0.006634	-0.037782	-0.001646	0.054465	-0.107115
	0.067882					
y626	-0.014955	-0.001140	0.026279	-0.004654	0.024078	0.018591
	0.028135	0.026158	-0.018538	0.026093	0.006531	0.002851
	-0.013253	0.017082	-0.018550	0.003870	-0.019052	-0.040262
	-0.021814	0.003662	-0.024281	0.023003	0.000362	-0.029642
	-0.030314	0.056701	-0.011139	-0.011056	-0.001128	-0.022572
	0.015805					
z626	-0.005729	0.064815	0.004820	0.028685	0.008517	-0.014960
	0.040020	0.012230	-0.000682	0.011246	-0.014266	-0.004985
	-0.042817	0.117537	-0.007737	-0.061036	-0.017434	-0.002607
	0.015940	0.024688	-0.022442	-0.008098	0.036340	0.026698
	-0.060354	0.029579	-0.091426	-0.023580	-0.003238	-0.057938
	0.036892					
x627	-0.026582	-0.030712	-0.044573	-0.005690	-0.005587	-0.031911
	-0.013763	-0.035651	0.005026	-0.023026	-0.040324	0.027159
	0.012605	0.047622	0.042340	-0.062255	-0.029782	0.008810
	-0.022273	0.029240	-0.079571	0.060866	-0.014726	0.025410
	-0.104537	-0.000873	-0.014052	-0.015930	0.054966	-0.036318
	0.052664					

y627	-0.014734	-0.017011	0.030771	-0.011876	0.032389	0.020826
	0.037670	0.019410	0.019324	0.008457	-0.000417	0.001632
	-0.017371	-0.013633	-0.000712	-0.018428	-0.023798	-0.037302
	-0.006027	-0.017368	-0.012819	0.021077	-0.001841	-0.027172
	0.006425	0.034441	0.026133	0.012871	0.000154	-0.005294
	-0.007077					
z627	0.014289	0.017073	-0.007149	0.007039	-0.000223	0.001466
	-0.013128	0.019263	-0.017652	0.016614	0.026120	-0.004138
	-0.026855	0.007702	-0.016835	0.012381	0.017037	0.010013
	0.016821	0.000170	0.012310	-0.031837	-0.026611	-0.010234
	0.028852	0.015100	0.001510	-0.000441	-0.022264	0.008732
	-0.016489					
x628	-0.018878	-0.031918	-0.046489	-0.008474	-0.007954	-0.023033
	-0.024035	-0.036271	0.005451	-0.022792	-0.050388	0.040297
	0.011368	0.041564	0.050759	-0.046190	-0.018446	0.020557
	-0.031841	0.008801	-0.042096	0.064796	-0.020722	0.041129
	-0.099995	-0.008472	-0.022079	-0.031633	0.042788	-0.015145
	0.039697					
y628	-0.009450	-0.032770	0.035861	-0.035603	0.038629	0.023644
	0.034941	0.031955	0.004657	0.021153	0.011119	0.005508
	-0.002195	-0.017292	-0.013130	-0.003223	-0.001570	-0.016905
	-0.012995	-0.022682	0.004623	0.022540	-0.028308	-0.017205
	0.012374	0.009706	0.015529	0.004689	-0.010607	-0.015908
	-0.016088					
z628	0.016536	0.024939	-0.007552	0.019268	-0.004065	0.002141
	-0.020364	0.015938	-0.017392	0.019787	0.033052	-0.008568
	-0.011165	-0.007705	-0.011832	0.029460	0.017824	0.016749
	0.019476	0.003653	0.022976	-0.039630	-0.022620	-0.008571
	0.035683	0.009578	-0.001994	-0.009503	-0.021833	-0.002753
	-0.016243					
x629	-0.012213	-0.026877	-0.045425	-0.007297	-0.016615	-0.014555
	-0.032231	-0.035308	0.006647	-0.023719	-0.056213	0.040375
	0.004702	0.039732	0.048700	-0.039924	-0.008209	0.029029
	-0.035354	-0.006236	-0.019567	0.062913	-0.020462	0.041332
	-0.073980	-0.014353	-0.033147	-0.037185	0.014739	-0.011180
	0.015973					
y629	-0.007008	-0.030970	0.040596	-0.043375	0.031946	0.018418
	0.032505	0.038759	-0.002193	0.024792	0.023478	-0.007182
	0.011040	-0.028550	-0.022848	0.008843	0.002267	0.001035
	-0.014786	-0.008311	0.025002	0.014984	-0.022554	-0.025443
	0.028162	-0.004456	0.009536	-0.002842	-0.024445	-0.023041
	-0.017030					

z629	0.014791	0.042288	-0.007010	0.039294	-0.011130	-0.002192
	-0.019847	-0.000320	-0.016025	0.013842	0.034692	-0.026432
	-0.008121	0.001175	-0.013809	0.025049	0.014741	0.012843
	0.026751	0.010534	0.004428	-0.040627	-0.000113	-0.004359
	0.033069	0.020620	-0.012193	-0.012342	-0.007169	-0.001820
	-0.008970					
x630	-0.007210	-0.020903	-0.040463	-0.003732	-0.024181	-0.009013
	-0.035274	-0.028884	0.005373	-0.026696	-0.052144	0.036122
	0.002534	0.031631	0.045758	-0.032459	0.001559	0.027416
	-0.033145	-0.015171	-0.007873	0.052497	-0.011396	0.035087
	-0.047789	-0.016559	-0.031619	-0.031361	-0.004257	-0.007092
	-0.003601					
y630	-0.004918	-0.022854	0.044233	-0.039484	0.027774	0.009060
	0.038395	0.038462	-0.002795	0.021069	0.030619	-0.022367
	0.023118	-0.026122	-0.023661	0.011451	-0.000658	0.003092
	-0.002681	0.005498	0.024033	0.010431	-0.009432	-0.025588
	0.033088	-0.006717	0.011363	-0.011398	-0.017531	-0.020087
	-0.002146					
z630	0.010534	0.054054	-0.008079	0.053500	-0.015727	-0.003245
	-0.019844	-0.015230	-0.019837	0.005890	0.036877	-0.038671
	-0.009941	0.006383	-0.015885	0.018000	0.014840	0.008494
	0.024480	0.008340	-0.016241	-0.030838	0.023939	0.004929
	0.014223	0.027271	-0.010212	0.005293	0.005410	0.003959
	-0.014691					
x631	-0.003541	-0.013746	-0.034575	0.002231	-0.029546	-0.006568
	-0.034062	-0.022662	0.003590	-0.028622	-0.045899	0.032989
	0.000597	0.019828	0.043055	-0.023273	0.006002	0.017956
	-0.022386	-0.020665	-0.003416	0.033048	0.001447	0.025452
	-0.027449	-0.012725	-0.022083	-0.020152	-0.013066	-0.000930
	-0.015278					
y631	-0.003480	-0.013016	0.042627	-0.032745	0.024600	0.001565
	0.043253	0.032107	-0.001948	0.011596	0.034849	-0.030487
	0.025271	-0.018677	-0.026366	0.010725	-0.002055	-0.000040
	0.007966	0.009482	0.013887	0.010164	0.005202	-0.020659
	0.026121	-0.007221	0.013693	-0.003064	-0.003918	-0.012285
	0.003737					
z631	0.007498	0.059454	-0.009502	0.063124	-0.016100	-0.002772
	-0.019255	-0.025965	-0.026063	0.004164	0.032052	-0.042741
	-0.010192	0.007659	-0.015144	0.018883	0.013781	0.002876
	0.020488	0.009861	-0.023947	-0.019945	0.037798	0.006384
	0.000646	0.037036	-0.011356	0.005210	0.014996	0.010233
	-0.006768					

x632	-0.000754	-0.007003	-0.029361	0.008977	-0.032950	-0.005536
	-0.033248	-0.019321	0.001778	-0.028397	-0.037535	0.030464
	-0.001996	0.011964	0.035610	-0.018546	0.007318	0.006217
	-0.010960	-0.024743	-0.007355	0.010921	0.008216	0.015276
	-0.013186	-0.007571	-0.015178	-0.008599	-0.019007	-0.000008
	-0.021640					
y632	-0.001728	-0.003836	0.039140	-0.024802	0.022520	-0.005006
	0.043536	0.021725	-0.001816	0.007861	0.034315	-0.032361
	0.023564	-0.014185	-0.030070	0.008645	-0.003133	-0.002203
	0.014578	0.009292	0.011228	0.008942	0.014229	-0.016105
	0.013592	-0.002901	0.016372	0.000182	0.008465	-0.001792
	0.016376					
z632	0.006399	0.059769	-0.011229	0.067943	-0.015014	-0.001760
	-0.019539	-0.031552	-0.034161	0.003049	0.028706	-0.041324
	-0.008984	0.010093	-0.019917	0.018083	0.013325	-0.001621
	0.015222	0.010726	-0.034986	-0.013838	0.038689	0.008401
	-0.005539	0.039062	-0.016584	0.008027	0.015297	0.009931
	-0.004939					
x633	-0.000102	-0.001836	-0.024833	0.015087	-0.034756	-0.001574
	-0.033060	-0.017203	0.000573	-0.025615	-0.031580	0.027999
	-0.003033	0.005459	0.030391	-0.012437	0.007670	-0.001671
	-0.004711	-0.025946	-0.010351	-0.006051	0.013405	0.007856
	-0.001405	-0.003383	-0.008664	0.003282	-0.019594	-0.000707
	-0.026435					
y633	0.000027	0.002975	0.033556	-0.017382	0.021533	-0.009163
	0.042989	0.014126	-0.003458	0.003608	0.030659	-0.032678
	0.021782	-0.009632	-0.029111	0.006220	-0.001450	-0.002708
	0.014059	0.009352	0.007820	0.017388	0.022127	-0.004054
	-0.002628	0.000762	0.015149	-0.003161	0.015271	0.003818
	0.023597					
z633	0.004744	0.059043	-0.013045	0.070709	-0.015604	0.000882
	-0.021619	-0.037003	-0.042010	0.004991	0.023949	-0.037592
	-0.005463	0.009839	-0.022014	0.021285	0.009752	0.003047
	0.011160	0.013105	-0.036808	-0.011105	0.030087	0.009119
	-0.008289	0.035295	-0.014653	0.016960	0.022953	0.013788
	0.003734					
x634	-0.000485	0.001963	-0.020172	0.020289	-0.037759	0.007577
	-0.034042	-0.014662	0.001051	-0.021083	-0.031227	0.020937
	-0.003724	-0.001912	0.027994	-0.000763	0.007849	-0.010695
	-0.004844	-0.025804	-0.011636	-0.014283	0.018570	0.009951
	0.007749	0.000240	-0.005588	0.009777	-0.013184	0.002588
	-0.032490					

y634	0.002245	0.011126	0.024752	-0.008818	0.020544	-0.012138
	0.040360	0.004306	-0.009575	0.002962	0.025521	-0.031090
	0.019240	-0.002942	-0.028701	0.007232	0.002988	0.002065
	0.014988	0.010539	0.003922	0.021738	0.019975	0.008180
	-0.016874	0.005112	0.016314	0.000115	0.025216	0.009764
	0.029878					
z634	0.004263	0.055578	-0.013969	0.071920	-0.018805	0.004233
	-0.024793	-0.036426	-0.045024	0.005347	0.018157	-0.033756
	-0.002671	0.002911	-0.022658	0.025656	0.004956	0.002505
	0.002934	0.016769	-0.035156	-0.003965	0.026821	0.009608
	-0.005296	0.027805	-0.016792	0.022669	0.021923	0.026171
	0.003135					
x635	-0.002206	0.001937	-0.014386	0.022288	-0.038308	0.016344
	-0.034056	-0.014349	0.002091	-0.019577	-0.038919	0.017459
	-0.006952	-0.005423	0.023448	0.001988	0.001835	-0.017398
	-0.003236	-0.024809	-0.016840	-0.018833	0.020942	0.018347
	0.008058	0.004008	-0.001841	0.007978	-0.000037	-0.001876
	-0.023935					
y635	0.004701	0.018174	0.014235	-0.000651	0.017573	-0.013952
	0.036417	-0.003798	-0.016045	0.008687	0.028313	-0.029631
	0.018764	-0.005194	-0.026143	0.011220	0.010666	0.011346
	0.013439	0.013678	0.002703	0.019374	0.007690	0.011703
	-0.011537	0.003389	0.005288	0.006080	0.019018	0.010631
	0.015425					
z635	0.003586	0.049482	-0.013859	0.071010	-0.022700	0.004434
	-0.026989	-0.031431	-0.044037	0.003241	0.015976	-0.028259
	0.001072	-0.005247	-0.024024	0.024264	0.000561	0.005563
	-0.002915	0.021410	-0.028029	-0.001530	0.022905	0.005213
	0.008389	0.022205	-0.027568	0.027334	0.014836	0.022461
	-0.004988					
x636	-0.004167	0.001699	-0.010064	0.022016	-0.038020	0.018950
	-0.034205	-0.015199	0.000415	-0.019339	-0.043128	0.017441
	-0.008868	-0.011636	0.018007	-0.002453	-0.004895	-0.020004
	-0.000620	-0.026827	-0.019200	-0.019214	0.021528	0.020994
	0.006113	0.005204	-0.004163	0.002188	-0.002543	-0.001050
	-0.013652					
y636	0.007759	0.024969	0.006444	0.005454	0.016322	-0.015525
	0.036606	-0.005036	-0.021441	0.009887	0.029915	-0.031022
	0.021354	-0.013494	-0.029111	0.011562	0.011972	0.019685
	0.013305	0.018010	-0.000206	0.016295	0.004667	0.007504
	-0.001184	-0.007162	-0.012440	0.007176	0.011836	0.006263
	0.007094					

z636	0.002318	0.046658	-0.012193	0.067967	-0.020990	0.005724
	-0.026136	-0.028611	-0.045124	0.000837	0.009169	-0.023137
	-0.003636	-0.008106	-0.023712	0.016156	0.003540	-0.001599
	-0.004262	0.011528	-0.031214	0.007197	0.022248	0.010235
	-0.000657	0.018314	-0.031256	0.030560	0.022092	0.020439
	-0.000838					
x637	-0.005377	0.000177	-0.004830	0.023287	-0.039408	0.022754
	-0.030835	-0.015177	0.000813	-0.013483	-0.038805	0.008387
	-0.006353	-0.020758	0.009969	-0.003922	-0.011291	-0.021139
	-0.003420	-0.023599	-0.017231	-0.016622	0.015831	0.010888
	0.017858	0.000813	-0.013078	0.002764	0.001067	0.011168
	-0.012762					
y637	0.011553	0.031287	-0.000039	0.012374	0.019741	-0.018969
	0.033666	-0.006015	-0.027549	0.005500	0.021979	-0.032449
	0.017162	-0.009742	-0.032015	0.003967	0.009517	0.015353
	0.009739	0.015402	-0.008485	0.022135	0.009765	0.006469
	-0.016016	-0.005970	-0.009754	0.012087	0.024207	0.007769
	0.019971					
z637	0.001380	0.043543	-0.010395	0.066048	-0.021114	0.010167
	-0.024978	-0.024671	-0.045237	-0.004084	0.000935	-0.018695
	-0.009152	-0.009045	-0.027308	0.014226	0.003187	-0.006981
	-0.008275	-0.000428	-0.038962	0.013730	0.018074	0.013784
	-0.005925	0.014165	-0.021914	0.037432	0.045929	0.013767
	0.007009					
x638	-0.008778	-0.000753	-0.000668	0.021930	-0.039883	0.027172
	-0.025536	-0.020620	0.003083	-0.009766	-0.036247	0.003333
	-0.008110	-0.021365	0.006075	-0.003438	-0.010177	-0.014396
	-0.000012	-0.016806	-0.011443	-0.023346	0.018093	0.012773
	0.030856	-0.006614	-0.020603	-0.004130	-0.008580	0.019385
	-0.017547					
y638	0.015047	0.037334	-0.007062	0.019493	0.022884	-0.021575
	0.028486	-0.006516	-0.033532	-0.000212	0.014839	-0.032716
	0.013278	-0.005232	-0.031272	0.000984	0.009616	0.010849
	0.006352	0.010419	-0.017626	0.028792	0.013092	0.011179
	-0.027359	-0.003061	0.003748	0.019647	0.040948	0.002566
	0.027273					
z638	-0.000646	0.038530	-0.006847	0.059589	-0.018334	0.012221
	-0.022597	-0.024150	-0.043124	-0.005814	-0.007283	-0.011583
	-0.010399	-0.007554	-0.027095	0.011639	0.009310	-0.003521
	-0.006134	-0.003135	-0.035596	0.009049	0.020513	0.015944
	-0.002388	0.005225	-0.023697	0.028088	0.034774	0.006089
	0.010071					

x639	-0.012174	-0.002124	0.002845	0.020039	-0.040583	0.032225
	-0.021558	-0.021123	0.006084	-0.007381	-0.033588	-0.001980
	-0.012013	-0.024797	0.000936	-0.003177	-0.010820	-0.006925
	0.001903	-0.017784	-0.009875	-0.029455	0.017824	0.014416
	0.032645	-0.014903	-0.025591	-0.000451	-0.012520	0.022051
	-0.019411					
y639	0.018624	0.041241	-0.012970	0.024280	0.026305	-0.023606
	0.021866	-0.006791	-0.039654	-0.005713	0.009050	-0.030363
	0.010148	-0.002092	-0.029176	-0.003605	0.012114	0.010231
	0.000124	0.005378	-0.022719	0.029113	0.014126	0.017958
	-0.037182	-0.003783	0.017796	0.029531	0.048491	-0.007460
	0.030876					
z639	-0.002596	0.030502	-0.002543	0.054045	-0.019365	0.014979
	-0.021286	-0.019396	-0.038825	-0.005771	-0.012909	-0.009913
	-0.013444	-0.011276	-0.026629	0.005105	0.007991	-0.002471
	-0.008136	-0.011063	-0.039403	0.009591	0.017950	0.011806
	-0.007128	-0.000219	-0.023981	0.028598	0.033973	0.004250
	0.015517					
x640	-0.015332	-0.002886	0.006600	0.018277	-0.039159	0.035812
	-0.015950	-0.021241	0.010563	-0.004961	-0.032999	-0.008937
	-0.017625	-0.026593	-0.005863	-0.002065	-0.011129	-0.007889
	0.003059	-0.020117	-0.014334	-0.030424	0.016573	0.014534
	0.024379	-0.017964	-0.022873	0.000886	-0.006604	0.030175
	-0.012996					
y640	0.022725	0.042315	-0.017980	0.027775	0.029142	-0.025574
	0.014135	-0.007142	-0.045737	-0.008804	0.003749	-0.028268
	0.009544	-0.001390	-0.025875	-0.008891	0.014173	0.008593
	-0.007563	0.001068	-0.028753	0.030621	0.011550	0.023715
	-0.047905	-0.001318	0.030791	0.038614	0.055308	-0.015930
	0.033510					
z640	-0.004916	0.022390	0.001821	0.048156	-0.022608	0.017536
	-0.018897	-0.015470	-0.029863	-0.005324	-0.016353	-0.010939
	-0.016897	-0.016725	-0.028214	-0.001843	0.003345	0.000510
	-0.011391	-0.014697	-0.043735	0.005165	0.012419	0.008022
	-0.011700	-0.009967	-0.016436	0.029165	0.036796	0.007154
	0.021793					
x641	-0.017316	-0.004321	0.011527	0.020291	-0.035783	0.038527
	-0.009901	-0.022289	0.012871	-0.000548	-0.036524	-0.015954
	-0.021004	-0.029103	-0.010402	-0.007020	-0.012270	-0.009322
	-0.000472	-0.015715	-0.017277	-0.025774	0.012431	0.017120
	0.023930	-0.023189	-0.016884	0.006363	0.008425	0.023744
	0.002472					

y641	0.028092	0.040119	-0.022858	0.031230	0.029692	-0.027570
	0.006081	-0.005583	-0.049510	-0.012187	0.000475	-0.027416
	0.011770	-0.000596	-0.023354	-0.013754	0.012558	0.007838
	-0.017425	0.002306	-0.031989	0.030414	0.006541	0.025308
	-0.052624	-0.001470	0.041439	0.045695	0.060472	-0.023048
	0.036828					
z641	-0.007079	0.012779	0.008753	0.042823	-0.023231	0.020134
	-0.016550	-0.016479	-0.024579	0.000784	-0.022401	-0.009272
	-0.016647	-0.023717	-0.024887	-0.011826	0.001483	0.005955
	-0.013949	-0.011364	-0.040367	0.003408	0.005226	0.007287
	-0.006810	-0.020065	-0.015113	0.026115	0.034581	0.001251
	0.029423					
x642	-0.019772	-0.006114	0.016070	0.016357	-0.031303	0.040493
	-0.005407	-0.024321	0.018208	0.002765	-0.035595	-0.024210
	-0.023887	-0.034243	-0.014803	-0.007788	-0.006008	-0.013902
	0.001744	-0.017561	-0.020093	-0.020026	0.007491	0.014122
	0.013818	-0.021183	-0.015069	0.009275	0.008026	0.019788
	0.004542					
y642	0.033644	0.035347	-0.027640	0.033205	0.028347	-0.028671
	-0.001348	-0.004775	-0.051342	-0.014575	-0.000661	-0.027072
	0.016368	-0.002470	-0.020848	-0.019376	0.012103	0.011449
	-0.026437	0.006637	-0.032374	0.025999	0.000137	0.024455
	-0.051710	-0.003031	0.047266	0.048853	0.056700	-0.025483
	0.034309					
z642	-0.009801	0.002710	0.015471	0.031916	-0.025551	0.022399
	-0.016730	-0.019019	-0.014192	0.003365	-0.022746	-0.009222
	-0.014666	-0.030774	-0.022637	-0.014154	0.000655	0.006978
	-0.008504	-0.012309	-0.035493	0.000322	0.002973	0.006284
	-0.006364	-0.026396	-0.018010	0.018260	0.012695	0.006667
	0.020062					
x643	-0.019629	-0.006951	0.020534	0.014993	-0.024768	0.042540
	0.001371	-0.016754	0.018931	0.005588	-0.034242	-0.025245
	-0.025714	-0.033151	-0.017573	-0.009330	0.001823	-0.013249
	-0.005089	-0.020771	-0.016798	-0.012365	-0.002020	0.008213
	0.010288	-0.018958	-0.005152	0.017326	0.025884	0.006317
	0.012803					
y643	0.040081	0.028226	-0.032027	0.034057	0.025185	-0.029355
	-0.007142	-0.004285	-0.051844	-0.017732	-0.000518	-0.024315
	0.023740	0.000580	-0.015778	-0.023253	0.014693	0.015834
	-0.034480	0.013796	-0.027067	0.017560	-0.004116	0.021078
	-0.043066	-0.004722	0.046338	0.044200	0.047483	-0.022830
	0.027615					

z643	-0.012099	-0.005407	0.021425	0.022245	-0.025880	0.027588
	-0.016358	-0.017242	-0.002957	0.003153	-0.023483	-0.011635
	-0.013835	-0.035021	-0.023075	-0.012093	-0.001605	0.002563
	-0.005397	-0.017592	-0.026615	0.001501	0.002837	0.005091
	-0.003930	-0.023461	-0.010688	0.009642	0.004220	0.009096
	0.013292					
x644	-0.016019	-0.008125	0.021917	0.013754	-0.019102	0.039200
	0.007242	-0.011738	0.020612	0.002648	-0.030866	-0.020315
	-0.024978	-0.029154	-0.017837	-0.011468	0.016195	-0.005997
	-0.005220	-0.022362	-0.012552	-0.005504	-0.002736	0.005028
	0.001546	-0.018131	-0.000715	0.018461	0.020045	0.004399
	0.013477					
y644	0.046589	0.023007	-0.037925	0.028955	0.020368	-0.028343
	-0.013010	-0.005565	-0.044823	-0.018606	-0.002938	-0.023259
	0.029010	0.011451	-0.007366	-0.014075	0.010805	0.002102
	-0.025771	0.010299	-0.016665	0.005584	-0.002863	0.014999
	-0.036332	0.010768	0.034332	0.013047	0.019659	-0.010761
	0.006368					
z644	-0.015925	-0.012364	0.027157	0.009534	-0.023966	0.035020
	-0.012957	-0.014594	0.007726	0.002600	-0.023288	-0.015683
	-0.019712	-0.036165	-0.023169	-0.013150	-0.004557	-0.006697
	0.006971	-0.026051	-0.014743	-0.002772	0.002256	0.005696
	-0.001318	-0.013160	-0.004280	-0.004376	-0.003750	0.009087
	0.004383					
x645	-0.008864	-0.009642	0.021686	0.011442	-0.011951	0.031533
	0.008833	-0.012050	0.021292	0.000472	-0.031823	-0.019914
	-0.018685	-0.023723	-0.018413	-0.008964	0.026720	-0.008017
	0.000319	-0.021158	-0.007459	0.007465	-0.003397	0.000180
	-0.005535	-0.007787	-0.000357	0.006511	0.017185	-0.002221
	0.010116					
y645	0.049492	0.014805	-0.040353	0.019930	0.014680	-0.018082
	-0.027101	-0.015254	-0.037891	-0.015393	-0.000510	-0.024738
	0.027442	0.009167	-0.001997	-0.019259	-0.015244	-0.011035
	-0.011938	0.001766	-0.019326	-0.003661	-0.015957	0.016997
	-0.032287	0.019472	0.042119	-0.014526	0.011728	-0.006638
	0.015872					
z645	-0.018749	-0.017930	0.035778	0.002959	-0.021086	0.037808
	-0.004362	-0.013227	0.017788	0.006053	-0.027294	-0.015658
	-0.019070	-0.038576	-0.023244	-0.011830	-0.000722	-0.008028
	0.010103	-0.031369	-0.005967	-0.000494	-0.003712	0.002228
	0.003720	-0.015079	-0.000348	-0.005200	0.007551	-0.001880
	0.010604					

x646	0.000872	-0.012075	0.019323	0.009773	-0.006825	0.025662
	0.005355	-0.011780	0.014215	-0.002054	-0.027609	-0.017143
	-0.010688	-0.017391	-0.011258	-0.017857	0.019801	-0.008672
	0.004784	-0.013289	-0.006134	0.016083	-0.003098	0.007598
	-0.006524	0.000264	0.007426	0.001133	0.019288	-0.011802
	0.009415					
y646	0.049470	0.009023	-0.041819	0.020246	0.004401	-0.009991
	-0.028939	-0.018638	-0.035048	-0.008384	0.001876	-0.019230
	0.028809	-0.001906	0.007828	-0.027592	-0.029391	-0.012102
	-0.013967	0.001221	-0.022794	-0.013462	-0.028118	0.022407
	-0.020197	0.015484	0.055494	-0.027219	0.007830	0.000042
	0.036008					
z646	-0.019611	-0.021157	0.044186	0.001636	-0.012455	0.038167
	0.010420	-0.009449	0.024099	0.005503	-0.031665	-0.011742
	-0.016424	-0.034438	-0.019428	-0.007237	0.018562	-0.004054
	0.010659	-0.028388	0.007819	0.002628	0.001175	-0.000343
	0.011917	-0.016965	-0.004926	-0.003458	0.013828	-0.007160
	0.012639					
x647	0.010133	-0.013753	0.014749	0.010288	-0.006723	0.018304
	0.001629	-0.013253	0.007795	-0.000620	-0.023275	-0.013319
	0.000566	-0.016669	-0.003705	-0.026806	0.005973	-0.010004
	0.006958	-0.007354	-0.005366	0.016889	-0.003307	0.014126
	-0.003123	0.002506	0.019972	-0.002280	0.017339	-0.019499
	0.009276					
y647	0.046270	0.006504	-0.041736	0.023050	-0.004127	-0.003058
	-0.022269	-0.017021	-0.029849	-0.000613	0.004157	-0.012090
	0.028376	-0.013668	0.017505	-0.030120	-0.027744	-0.005777
	-0.018405	0.005595	-0.020198	-0.021290	-0.035380	0.022524
	-0.005296	0.008918	0.065379	-0.031717	0.001270	0.011652
	0.050866					
z647	-0.018865	-0.023913	0.048854	-0.001277	-0.001556	0.034424
	0.020272	-0.007614	0.028488	0.000570	-0.035486	-0.007995
	-0.011165	-0.022385	-0.020737	-0.005264	0.031656	-0.003843
	0.015197	-0.025704	0.017339	0.002969	0.013805	-0.003562
	0.017980	-0.019438	-0.013790	0.001279	0.017639	-0.016553
	-0.000553					
x648	0.018434	-0.013519	0.009647	0.014234	-0.006588	0.014383
	0.002486	-0.017548	0.003216	0.000363	-0.018472	-0.008362
	0.006720	-0.022723	0.003950	-0.026944	-0.005516	-0.000399
	0.001788	0.001840	-0.003491	0.015508	-0.011010	0.018074
	0.006077	0.005637	0.035526	-0.006658	0.008135	-0.016206
	0.014470					

y648	0.040395	0.005680	-0.040559	0.025705	-0.009044	0.001948
	-0.012881	-0.011913	-0.023509	0.005403	0.004117	-0.007273
	0.029001	-0.021058	0.021574	-0.029831	-0.017282	0.003459
	-0.020522	0.013571	-0.014968	-0.025707	-0.037782	0.019300
	0.008680	-0.001802	0.064796	-0.026829	-0.006587	0.019590
	0.054917					
z648	-0.015767	-0.026198	0.051507	-0.004130	0.011317	0.029463
	0.026171	-0.009158	0.030228	-0.009607	-0.039486	-0.006401
	-0.008501	-0.009937	-0.023160	0.001148	0.029674	-0.005162
	0.017490	-0.021525	0.024078	0.007366	0.020354	-0.004928
	0.020883	-0.015096	-0.027441	0.002678	0.015556	-0.027568
	-0.015275					
x649	0.024845	-0.012539	0.003985	0.019252	-0.007461	0.011614
	0.007245	-0.019120	0.001151	0.003884	-0.014830	-0.004181
	0.013233	-0.027136	0.010612	-0.027615	-0.004590	0.010395
	-0.003545	0.006993	-0.002064	0.006927	-0.020452	0.018123
	0.012901	0.008101	0.050446	-0.006222	0.001304	-0.008040
	0.019892					
y649	0.034553	0.004320	-0.036864	0.025075	-0.011422	0.005233
	-0.006913	-0.008528	-0.016962	0.007902	0.002507	-0.005094
	0.028703	-0.022885	0.021397	-0.026024	-0.006435	0.010643
	-0.019227	0.020386	-0.008835	-0.021914	-0.032130	0.017422
	0.016834	-0.007989	0.056276	-0.017648	-0.010621	0.020558
	0.048438					
z649	-0.010725	-0.028100	0.051362	-0.006807	0.019145	0.022186
	0.028416	-0.011080	0.029215	-0.020725	-0.044313	-0.007419
	-0.003253	0.001246	-0.024709	0.006446	0.023088	-0.015565
	0.021720	-0.023849	0.029426	0.007537	0.024498	-0.006376
	0.014737	0.002079	-0.036070	0.001753	0.017129	-0.034293
	-0.025383					
x650	0.030854	-0.012763	-0.001912	0.023838	-0.005881	0.009144
	0.010342	-0.020937	-0.000832	0.006955	-0.012010	-0.002211
	0.017667	-0.026362	0.016780	-0.027509	-0.005597	0.022707
	-0.008917	0.015375	-0.000713	-0.001147	-0.026557	0.020171
	0.022053	0.003787	0.061091	-0.003748	-0.005050	-0.000728
	0.022570					
y650	0.028993	0.002000	-0.030349	0.021216	-0.011168	0.007490
	-0.005934	-0.006689	-0.011353	0.008935	-0.000407	-0.005208
	0.024820	-0.020956	0.018310	-0.022393	0.000752	0.012070
	-0.012280	0.023837	-0.003338	-0.015252	-0.020270	0.017999
	0.019284	-0.006710	0.044929	-0.009278	-0.011094	0.016623
	0.036760					

z650	-0.005386	-0.028975	0.050434	-0.005303	0.028100	0.016995
	0.032453	-0.010326	0.023649	-0.028682	-0.048257	-0.008918
	0.000389	0.013826	-0.025091	0.008885	0.014435	-0.015409
	0.020050	-0.027312	0.025688	-0.000288	0.018620	-0.010836
	0.006813	0.015464	-0.035453	-0.006076	0.019797	-0.038010
	-0.026832					
x651	0.035569	-0.013652	-0.005102	0.025385	-0.002205	0.006909
	0.012246	-0.025892	-0.001774	0.009801	-0.011216	-0.004628
	0.020763	-0.024343	0.019717	-0.023047	-0.001353	0.033085
	-0.010480	0.021703	0.000154	-0.004097	-0.028922	0.017730
	0.029079	-0.000260	0.065453	-0.000685	-0.011287	0.005584
	0.017671					
y651	0.024050	0.000038	-0.023987	0.015339	-0.008139	0.009468
	-0.007341	-0.005650	-0.004450	0.010076	-0.001424	-0.006892
	0.019237	-0.017790	0.013884	-0.016857	0.007539	0.011251
	-0.004279	0.020255	0.000078	-0.009079	-0.010184	0.013305
	0.013257	-0.000722	0.034355	-0.002710	-0.010782	0.010250
	0.021501					
z651	0.001529	-0.029354	0.048845	-0.002055	0.031022	0.005937
	0.035445	-0.011752	0.015462	-0.037567	-0.051952	-0.010182
	0.009587	0.024099	-0.021541	0.009938	0.000678	-0.013650
	0.016014	-0.023553	0.022947	-0.003962	0.011449	-0.015531
	0.007695	0.020135	-0.033121	-0.008912	0.016169	-0.033029
	-0.026633					
x652	0.039170	-0.017139	-0.005760	0.023423	0.002480	0.006946
	0.006963	-0.033724	-0.000687	0.011803	-0.010069	-0.007064
	0.014416	-0.017483	0.016550	-0.013159	0.002037	0.036799
	-0.005330	0.023833	-0.002347	-0.006081	-0.023610	0.015873
	0.027891	0.002871	0.062071	0.002072	-0.011043	0.008189
	0.010367					
y652	0.021342	-0.003173	-0.019117	0.008831	-0.001784	0.010752
	-0.010404	-0.007275	0.001728	0.008253	-0.002633	-0.009537
	0.013310	-0.015193	0.011246	-0.012584	0.009138	0.009394
	0.005302	0.016029	0.005681	-0.004526	-0.000666	0.010871
	0.007722	0.006927	0.027200	-0.000118	-0.008926	0.000139
	0.002853					
z652	0.008295	-0.030142	0.045007	0.005365	0.030788	-0.002705
	0.037411	-0.014546	0.008147	-0.048027	-0.054718	-0.008082
	0.014223	0.038365	-0.020373	0.011722	-0.013344	-0.005560
	0.010462	-0.016806	0.017214	-0.016507	0.001215	-0.024016
	0.003168	0.021198	-0.026292	-0.003892	0.021710	-0.021678
	-0.020001					

x653	0.043839	-0.023991	-0.004627	0.018637	0.012448	0.010440
	-0.003686	-0.040859	0.011075	0.016130	-0.004589	-0.010843
	-0.001795	-0.009544	0.003617	-0.002523	0.010033	0.041145
	0.012627	0.020704	-0.000818	-0.011952	-0.016877	0.014073
	0.020899	0.010401	0.057295	-0.008307	-0.013956	-0.004446
	-0.007235					
y653	0.016271	-0.005464	-0.010356	0.002247	0.003135	0.008747
	-0.010839	-0.007700	0.008403	0.003412	-0.002211	-0.007951
	0.004641	-0.010043	0.002029	-0.004544	0.008972	0.015020
	0.011047	0.005844	0.006878	0.003725	0.002519	0.007138
	0.001780	0.013239	0.017196	-0.001694	-0.003072	-0.008636
	-0.012409					
z653	0.014071	-0.033532	0.042473	0.014392	0.027801	-0.011750
	0.040939	-0.012131	0.003980	-0.052585	-0.056287	-0.001078
	0.025028	0.050506	-0.011826	0.011020	-0.025195	-0.001742
	-0.000279	-0.013501	0.003569	-0.023502	-0.008351	-0.025511
	0.003987	0.011493	-0.017877	-0.002708	0.022488	-0.002849
	0.000682					
x654	0.046926	-0.024144	-0.003906	0.009864	0.013413	0.013728
	-0.008349	-0.046665	0.024510	0.011587	0.003996	-0.007157
	-0.004387	-0.002364	0.000099	-0.003255	0.016871	0.025456
	0.019634	0.005511	-0.005387	-0.019009	-0.014342	0.001144
	0.014602	0.024978	0.060448	-0.006360	-0.010957	-0.007333
	-0.013799					
y654	0.010960	-0.004002	-0.003805	-0.000801	0.000229	0.004990
	-0.007672	-0.006523	0.009045	-0.003468	-0.004392	-0.001074
	0.006536	-0.004841	0.000601	-0.000997	-0.000075	0.007925
	0.002225	0.000384	0.001163	0.005224	0.001956	0.002144
	-0.002072	0.014205	0.006829	0.004704	-0.000733	-0.006711
	-0.008874					
z654	0.016284	-0.039141	0.036750	0.024869	0.019815	-0.017017
	0.034285	-0.013957	-0.003151	-0.050328	-0.052213	0.003310
	0.017979	0.049737	-0.011599	0.008451	-0.030633	-0.001325
	-0.001366	-0.013844	-0.005415	-0.023490	-0.013439	-0.016121
	-0.008619	0.008015	-0.011735	-0.012147	0.027203	-0.002420
	0.015747					
x655	0.049627	-0.023366	-0.005392	0.002996	0.011203	0.016696
	-0.013815	-0.052091	0.029364	0.009245	0.011496	-0.004262
	-0.004579	0.003416	0.006862	-0.001443	0.017050	0.003497
	0.019114	-0.009046	-0.011558	-0.017458	-0.007913	-0.003657
	0.011921	0.031801	0.057730	0.001506	-0.005291	-0.001480
	-0.010802					

y655	0.007923	-0.003290	-0.000284	-0.000082	-0.001451	0.002518
	-0.005058	-0.004943	0.004371	-0.007215	-0.005184	0.002301
	0.003629	-0.002278	-0.000080	-0.000084	-0.004699	0.002790
	-0.002543	0.002301	-0.001141	0.002510	0.007054	0.004429
	-0.001654	0.007594	0.000675	0.008070	0.001761	-0.003403
	-0.001280					
z655	0.017281	-0.043184	0.030539	0.036266	0.011414	-0.016494
	0.029473	-0.013465	-0.009207	-0.045166	-0.043238	0.004336
	0.007465	0.045822	-0.007111	0.010380	-0.032935	-0.003836
	-0.009034	-0.012800	-0.010990	-0.016761	-0.016239	-0.007744
	-0.020539	0.003440	-0.000840	-0.019199	0.032591	0.003803
	0.029747					
x656	0.050406	-0.021673	-0.007143	-0.002690	0.007086	0.020351
	-0.017442	-0.053774	0.030329	0.007995	0.017924	-0.001750
	-0.007550	0.005119	0.014333	0.004403	0.017297	-0.009336
	0.025038	-0.020260	-0.012269	-0.014414	0.001703	-0.004532
	0.011105	0.031432	0.043664	0.007947	-0.005525	-0.001460
	-0.007495					
y656	0.002968	-0.001741	0.002713	0.001167	-0.003025	0.000189
	-0.000971	0.000150	-0.002357	-0.008721	-0.004397	0.003571
	-0.001075	-0.000925	-0.002639	-0.001562	-0.006099	0.001417
	-0.005728	0.004514	-0.003289	0.000822	0.012145	0.009252
	-0.003152	-0.001545	-0.003223	0.003584	0.000511	-0.001721
	0.005284					
z656	0.016210	-0.044473	0.025586	0.043269	0.001737	-0.013917
	0.023960	-0.012314	-0.013841	-0.034531	-0.036896	0.003453
	0.003877	0.040404	0.000049	0.012787	-0.035485	-0.000615
	-0.000363	-0.005058	-0.007042	-0.016764	-0.009796	-0.003015
	-0.023800	-0.008488	-0.004866	-0.015771	0.025472	0.006834
	0.036119					
x657	0.048642	-0.018405	-0.009832	-0.003865	0.000930	0.022229
	-0.020049	-0.051159	0.027431	0.005755	0.020068	-0.002909
	-0.014147	0.005338	0.019959	0.015740	0.013022	-0.012046
	0.030268	-0.025936	-0.008781	-0.004287	0.007746	-0.001273
	0.005755	0.026504	0.028143	0.007250	-0.004465	-0.006665
	-0.000298					
y657	-0.004692	-0.000089	0.006643	0.003178	-0.006482	-0.003399
	0.004218	0.005679	-0.007361	-0.008254	-0.008795	0.001593
	-0.001738	0.000662	-0.004362	-0.003129	-0.013320	0.004936
	-0.007540	0.007867	-0.001603	-0.000009	0.008722	0.009009
	-0.012382	-0.009694	-0.003714	-0.002324	0.002997	-0.003979
	0.013365					

z657	0.013634	-0.042076	0.021043	0.048547	-0.009438	-0.009389
	0.015990	-0.013221	-0.015038	-0.023614	-0.031975	-0.002921
	0.000834	0.035626	0.010005	0.022154	-0.042101	0.002673
	0.010211	0.004186	0.001366	-0.012489	-0.005576	-0.000961
	-0.027975	-0.017785	-0.008473	-0.017245	0.019687	0.002722
	0.039463					
x658	0.044544	-0.015840	-0.012148	-0.001825	-0.003739	0.022010
	-0.021675	-0.043402	0.020523	0.000504	0.021300	-0.002198
	-0.020099	0.001085	0.019798	0.022819	0.010122	-0.011296
	0.029938	-0.026275	-0.006110	0.007458	0.009139	0.003455
	0.000641	0.019188	0.019709	0.006266	-0.005283	-0.011325
	0.007975					
y658	-0.013207	-0.000273	0.011720	0.005655	-0.008430	-0.007420
	0.009760	0.008526	-0.009430	-0.006746	-0.011780	-0.000532
	0.002097	0.002677	-0.005677	-0.006546	-0.018067	0.006661
	-0.011211	0.012732	-0.001905	-0.002773	0.005899	0.005008
	-0.018144	-0.015801	0.000729	-0.005877	0.001617	-0.000973
	0.015420					
z658	0.011740	-0.039501	0.017143	0.049003	-0.018209	-0.001886
	0.004114	-0.012542	-0.015683	-0.014520	-0.017627	-0.004439
	-0.000819	0.023260	0.012670	0.019297	-0.036288	-0.006319
	0.014002	0.010129	-0.000068	-0.010664	-0.001255	0.003636
	-0.022693	-0.024443	-0.000857	-0.014503	0.011518	-0.000328
	0.035575					
x659	0.037877	-0.014510	-0.012189	0.002877	-0.007883	0.018956
	-0.020720	-0.031843	0.015850	-0.002841	0.020217	-0.000455
	-0.022638	-0.004562	0.015517	0.024887	0.008309	-0.007959
	0.024973	-0.022648	-0.004826	0.014918	0.010763	0.009452
	-0.004067	0.015006	0.011976	0.001417	-0.004245	-0.007624
	0.015550					
y659	-0.020969	-0.001421	0.016918	0.007257	-0.010351	-0.009205
	0.013858	0.010120	-0.009044	-0.002405	-0.012357	-0.002357
	0.008733	0.005970	-0.006249	-0.012318	-0.016975	0.001173
	-0.012699	0.018871	-0.005658	-0.007615	0.002983	-0.000849
	-0.016943	-0.017407	0.002667	-0.009735	-0.000106	0.005275
	0.010609					
z659	0.010098	-0.035607	0.014236	0.045629	-0.028466	0.004806
	-0.008574	-0.010482	-0.012674	-0.004413	-0.000577	-0.001975
	-0.005985	0.006806	0.013406	0.011635	-0.023911	-0.017167
	0.016064	0.009062	-0.000396	-0.009582	0.009410	0.015623
	-0.014019	-0.027716	0.002360	-0.013929	0.006508	0.003514
	0.030081					

x660	0.030062	-0.012602	-0.010044	0.007209	-0.010440	0.015508
	-0.018259	-0.022709	0.011707	-0.005256	0.014827	-0.000627
	-0.020877	-0.004955	0.012518	0.024976	0.002419	-0.005725
	0.020605	-0.017577	0.002727	0.014915	0.006770	0.007805
	-0.004790	0.007423	0.007240	0.002960	-0.001464	-0.006175
	0.021092					
y660	-0.026513	-0.001683	0.021200	0.006812	-0.013627	-0.007574
	0.016867	0.010601	-0.008543	0.003776	-0.007014	-0.004209
	0.011994	0.008422	-0.006481	-0.016587	-0.009733	-0.007119
	-0.012557	0.020576	-0.010917	-0.012125	0.003607	-0.004709
	-0.008729	-0.018966	0.001139	-0.014655	-0.000314	0.013187
	0.002880					
z660	0.007756	-0.027689	0.011577	0.038365	-0.036386	0.011857
	-0.020587	-0.012966	-0.009102	0.001816	0.011126	-0.000130
	-0.011978	-0.003424	0.016542	0.008436	-0.015277	-0.018815
	0.021354	0.002154	0.008963	-0.011760	0.009663	0.014319
	-0.008068	-0.036024	0.008583	-0.003955	0.004937	-0.001037
	0.030837					
x661	0.021238	-0.009941	-0.007004	0.010369	-0.013856	0.013402
	-0.017887	-0.016283	0.010810	-0.004834	0.007029	-0.000233
	-0.018855	-0.002718	0.012684	0.024366	-0.002665	-0.003428
	0.021944	-0.008383	0.008349	0.013993	0.002912	0.006974
	-0.002316	0.004010	0.000344	0.006222	0.003659	-0.003601
	0.022597					
y661	-0.030657	-0.001026	0.023471	0.004755	-0.019054	-0.003649
	0.016994	0.011135	-0.009702	0.009056	0.001723	-0.004763
	0.010215	0.007894	-0.004652	-0.020134	0.001893	-0.013709
	-0.008538	0.018132	-0.013598	-0.012108	0.006688	-0.004554
	-0.000236	-0.022684	-0.000996	-0.016605	-0.000188	0.020792
	-0.004672					
z661	0.003184	-0.018497	0.008659	0.030982	-0.043020	0.018085
	-0.031792	-0.015416	-0.003149	0.006023	0.018702	0.001747
	-0.020372	-0.010012	0.020523	0.008713	-0.004816	-0.013780
	0.026868	0.000094	0.014230	-0.009344	0.008939	0.017706
	-0.004895	-0.040498	0.010509	-0.000523	0.004649	-0.005665
	0.034010					
x662	0.012874	-0.006966	-0.003354	0.012399	-0.014804	0.010734
	-0.018804	-0.013513	0.013234	-0.005561	0.006192	-0.000864
	-0.018600	-0.001511	0.010828	0.015558	0.000853	-0.011953
	0.016749	-0.000711	0.006117	0.013404	0.003294	0.010797
	0.004422	0.002331	-0.001506	0.006219	0.010856	0.000504
	0.019888					

y662	-0.035078	0.000639	0.023885	0.002227	-0.025473	0.002917
	0.016305	0.011797	-0.011696	0.012009	0.012180	-0.002372
	0.001080	0.003814	-0.003631	-0.019697	0.015731	-0.012952
	-0.003441	0.012906	-0.010415	-0.007126	0.009211	-0.005780
	0.005643	-0.030381	-0.002047	-0.020418	0.001862	0.020924
	-0.005114					
z662	-0.002597	-0.009658	0.005566	0.022836	-0.046396	0.020171
	-0.043405	-0.016699	0.001263	0.008885	0.026509	-0.000981
	-0.025299	-0.014353	0.017143	0.003779	0.007613	-0.012334
	0.027010	-0.000818	0.007297	-0.000071	0.013486	0.024505
	-0.000984	-0.040870	0.009080	0.003101	0.003537	-0.001623
	0.028058					
x663	0.002968	-0.003964	0.001432	0.012474	-0.017811	0.009736
	-0.017046	-0.010001	0.016005	-0.007055	0.006977	-0.001113
	-0.020220	-0.001571	0.005195	0.007459	0.005107	-0.017976
	0.013728	0.006251	0.007057	0.010432	-0.001249	0.009760
	0.006145	-0.003482	-0.003452	0.005450	0.019869	-0.008437
	0.023268					
y663	-0.038534	0.001624	0.026189	0.002840	-0.031485	0.003511
	0.012286	0.003449	-0.010928	0.008421	0.012457	-0.002968
	-0.006556	0.007664	-0.003638	-0.018867	0.024210	-0.003519
	-0.006454	0.015716	-0.009775	-0.020018	0.007197	-0.010260
	0.002669	-0.031152	0.000508	-0.017535	-0.022041	0.032307
	-0.000355					
z663	-0.006950	-0.002559	0.002122	0.017218	-0.045887	0.019763
	-0.051855	-0.019554	0.007281	0.008172	0.024479	-0.003968
	-0.026753	-0.012723	0.007944	-0.000652	0.008192	-0.002007
	0.024633	0.007003	-0.000951	0.000398	0.009713	0.029181
	-0.000097	-0.036554	0.005449	0.011618	-0.002658	-0.005003
	0.030421					
x664	-0.006306	-0.001217	0.005474	0.010763	-0.021983	0.008716
	-0.018897	-0.007860	0.018434	-0.003914	0.006952	-0.001203
	-0.019276	0.002481	0.001487	-0.001705	0.009294	-0.011964
	0.013974	0.006633	-0.000817	0.008164	0.000947	0.011623
	0.002424	-0.007068	-0.003913	0.007186	0.012562	-0.003149
	0.011835					
y664	-0.041435	0.002967	0.027533	0.003494	-0.038331	0.002435
	0.007797	-0.002382	-0.011461	0.005879	0.015878	-0.005056
	-0.012384	0.005463	-0.002592	-0.017084	0.031652	0.005078
	-0.010469	0.021535	-0.008984	-0.029678	0.004378	-0.007352
	-0.001939	-0.027747	0.005966	-0.013569	-0.041015	0.043908
	-0.001631					

z664	-0.010102	0.003724	0.000836	0.010905	-0.040833	0.016869
	-0.058283	-0.019621	0.014875	0.008446	0.023856	-0.006774
	-0.026345	-0.005829	0.000389	-0.007795	0.010970	0.004416
	0.018108	0.007290	-0.007954	0.002015	0.008920	0.029993
	-0.008014	-0.026055	-0.000334	0.017149	-0.008783	-0.013865
	0.023631					
x665	-0.017143	0.003440	0.008110	0.009207	-0.029240	0.007180
	-0.022636	-0.010198	0.019470	-0.001884	0.007420	-0.006534
	-0.019993	0.005572	0.000347	-0.005715	0.012190	-0.002202
	0.011975	0.012425	-0.005924	0.006145	0.001995	0.004914
	0.003016	-0.010927	-0.008270	0.004650	-0.004165	0.006111
	-0.000601					
y665	-0.042957	0.003900	0.028290	0.003867	-0.042709	0.001183
	0.003401	-0.003691	-0.012990	0.007039	0.021248	-0.007534
	-0.016748	0.001096	-0.002622	-0.019138	0.036085	0.011145
	-0.018515	0.023535	-0.007617	-0.032851	0.001480	-0.004305
	-0.006879	-0.021255	0.015458	-0.006235	-0.048123	0.047326
	-0.006859					
z665	-0.012882	0.009728	0.000437	0.005838	-0.033850	0.015544
	-0.059969	-0.018816	0.022115	0.007663	0.021150	-0.008850
	-0.023877	-0.000730	-0.005658	-0.006234	0.006704	0.009578
	0.014976	0.008091	-0.012707	0.011931	0.004904	0.017368
	-0.002586	-0.015552	-0.010526	0.015037	-0.005356	-0.014188
	0.014543					
x666	-0.028099	0.008713	0.011264	0.008010	-0.036244	0.004487
	-0.026654	-0.011207	0.016834	0.003468	0.009032	-0.014939
	-0.019426	0.007521	-0.001260	-0.016051	0.017020	0.007819
	0.004927	0.018109	-0.008571	-0.000557	0.001222	0.001348
	-0.002095	-0.012749	-0.005799	0.010460	-0.019800	0.009973
	-0.010669					
y666	-0.042396	0.003194	0.029479	0.004910	-0.042981	0.000330
	0.001157	0.000802	-0.012927	0.009891	0.024733	-0.005693
	-0.020530	-0.002906	-0.005155	-0.017745	0.034813	0.014384
	-0.024197	0.021376	-0.006010	-0.026713	-0.001099	-0.004457
	-0.007945	-0.008355	0.023430	-0.000005	-0.037255	0.043779
	-0.012840					
z666	-0.013525	0.015230	-0.004002	0.002256	-0.022883	0.015386
	-0.055823	-0.020999	0.028380	0.003315	0.013832	-0.013344
	-0.016301	0.003087	-0.006601	-0.008834	0.001355	0.010573
	0.011079	0.007855	-0.008144	0.009066	-0.004043	0.008788
	-0.002753	-0.013996	-0.015979	0.018509	-0.001302	-0.020322
	0.009953					

x667	-0.037814	0.011621	0.015640	0.006835	-0.040820	0.002121
	-0.028911	-0.009952	0.017238	0.009356	0.012398	-0.019760
	-0.020296	0.008168	-0.005369	-0.022648	0.018842	0.018897
	-0.008772	0.018815	-0.011707	-0.003144	0.001744	-0.003777
	-0.006810	-0.007740	0.005488	0.018497	-0.020894	0.017926
	-0.019850					
y667	-0.039439	0.001561	0.028577	0.005549	-0.037837	-0.000238
	0.002451	0.006261	-0.012243	0.009124	0.023006	-0.002670
	-0.018106	-0.005745	-0.004567	-0.017238	0.028412	0.010692
	-0.023067	0.016173	0.001016	-0.020385	-0.005528	-0.005781
	-0.007275	0.002453	0.027090	0.001751	-0.016855	0.031502
	-0.016767					
z667	-0.014172	0.017804	-0.008142	-0.001712	-0.011501	0.014507
	-0.048865	-0.020847	0.041088	-0.001086	0.004287	-0.016125
	-0.007605	0.009359	-0.007353	-0.007382	-0.001892	0.007461
	0.011124	0.004143	-0.008054	0.008285	-0.007021	0.001159
	0.000968	-0.009385	-0.016892	0.014958	0.000850	-0.016120
	0.007392					
x668	-0.044580	0.012054	0.020611	0.005458	-0.039663	0.000275
	-0.026968	-0.007697	0.017212	0.010462	0.014327	-0.018107
	-0.017171	0.008626	-0.009231	-0.023367	0.014392	0.025217
	-0.018809	0.015001	-0.008278	-0.005419	-0.005804	-0.012741
	-0.010843	-0.000330	0.019432	0.020627	-0.007814	0.017464
	-0.023474					
y668	-0.034347	-0.000731	0.025889	0.005642	-0.030647	-0.001448
	0.004583	0.010765	-0.008824	0.004994	0.017931	0.002019
	-0.012009	-0.005708	-0.003335	-0.017308	0.019878	0.005129
	-0.016704	0.011268	0.005790	-0.015836	-0.006193	-0.006068
	-0.003908	0.008451	0.021972	-0.001993	-0.000556	0.019815
	-0.019857					
z668	-0.014903	0.019347	-0.010696	-0.004540	0.000631	0.014335
	-0.041049	-0.022387	0.049132	-0.005462	-0.003556	-0.015920
	-0.002436	0.015290	-0.013127	-0.005712	-0.008286	0.006239
	0.013356	-0.000006	-0.011779	0.010794	-0.013008	-0.007839
	0.007525	-0.004368	-0.011828	0.004711	0.006081	-0.013599
	0.008835					
x669	-0.049277	0.010980	0.024743	0.003913	-0.034189	-0.000713
	-0.023393	-0.004075	0.020675	0.006524	0.013927	-0.011954
	-0.006306	0.013550	-0.007933	-0.019905	0.008868	0.026577
	-0.024007	0.014045	-0.002781	-0.007753	-0.012115	-0.018925
	-0.016394	0.007534	0.031003	0.020148	0.003079	0.014439
	-0.027622					

y669	-0.027914	-0.002217	0.023127	0.004228	-0.024701	-0.002657
	0.005375	0.011498	-0.007029	-0.001419	0.012777	0.005013
	-0.004627	-0.005125	-0.003419	-0.017626	0.009269	0.003606
	-0.009019	0.006823	0.006095	-0.012846	-0.004185	-0.005108
	0.000264	0.010002	0.010981	-0.006769	0.009309	0.007741
	-0.019323					
z669	-0.017041	0.021967	-0.012058	-0.008286	0.012468	0.016618
	-0.033437	-0.023292	0.056257	-0.007604	-0.007377	-0.015189
	0.002693	0.023162	-0.015696	0.002660	-0.011703	0.011409
	0.013946	0.000882	-0.016278	0.015103	-0.010492	-0.011185
	0.009982	-0.000711	0.001666	0.001893	-0.002485	-0.007785
	0.005181					
x670	-0.051700	0.009610	0.026458	0.001502	-0.028693	-0.003116
	-0.020151	-0.003692	0.024225	-0.003197	0.012985	-0.001668
	0.010975	0.015780	-0.007826	-0.016846	0.000576	0.027742
	-0.025253	0.013193	0.002015	-0.013803	-0.018864	-0.022019
	-0.016211	0.011647	0.030759	0.014536	0.012468	0.010486
	-0.032539					
y670	-0.021909	-0.002917	0.022566	0.002222	-0.019940	-0.002541
	0.003446	0.012866	-0.004754	-0.005296	0.008039	0.005684
	0.002283	-0.000959	-0.002549	-0.017764	-0.000571	-0.001282
	-0.002605	0.005370	0.006704	-0.014213	-0.002733	-0.005636
	0.000585	0.009027	-0.002592	-0.009003	0.014794	-0.003646
	-0.012709					
z670	-0.021316	0.024331	-0.013030	-0.013674	0.021361	0.019171
	-0.026548	-0.022120	0.058168	-0.005520	-0.007456	-0.018373
	0.008799	0.024407	-0.022515	0.008972	-0.015489	0.011099
	0.009749	0.006130	-0.014901	0.013773	-0.010406	-0.008736
	0.013311	-0.004092	0.020785	0.001853	-0.006672	0.002968
	-0.004070					
x671	-0.054196	0.006353	0.030386	-0.002005	-0.019816	-0.005424
	-0.019608	-0.001591	0.026720	-0.015193	0.007831	0.009230
	0.024376	0.025280	-0.012527	-0.011020	-0.028600	0.030080
	-0.016162	0.027284	0.005984	-0.010204	-0.031209	-0.019814
	-0.017612	0.004354	0.038659	-0.005901	0.018665	0.017134
	-0.011386					
y671	-0.008942	-0.003068	0.013209	0.000158	-0.007790	0.000106
	0.004039	0.012922	-0.006201	-0.005308	0.001970	0.001443
	0.001553	-0.000760	-0.004222	-0.010914	-0.005923	-0.004963
	0.004238	0.005872	0.008001	-0.013156	0.001912	-0.010065
	-0.005184	-0.004261	-0.006750	-0.012974	0.006503	0.002166
	0.004108					

z671	-0.022984	0.029170	-0.015828	-0.019974	0.031896	0.027417
	-0.015983	-0.023567	0.056541	0.002489	-0.005040	-0.023548
	0.005867	0.014281	-0.031753	0.014044	-0.014203	0.003961
	-0.001766	0.005889	-0.030582	0.011852	-0.012491	-0.004842
	0.014346	0.001567	0.034553	0.009537	0.005166	0.005979
	-0.005652					
x672	-0.052700	0.009351	0.029467	-0.011292	-0.012135	0.001813
	-0.015015	0.001848	0.025714	-0.014170	0.009456	0.022538
	0.029301	0.025662	-0.015108	0.004048	-0.029182	0.025326
	-0.014283	0.021055	0.006674	-0.008723	-0.025774	-0.015554
	-0.041557	-0.002556	0.042917	-0.003738	0.033436	0.035810
	-0.018760					
y672	0.005117	-0.003967	-0.000296	0.002678	-0.003359	0.000534
	0.004558	0.006054	-0.009635	-0.002084	-0.001612	-0.004633
	-0.001717	-0.009897	0.000666	-0.004366	0.006466	0.000688
	0.007404	-0.006211	-0.000752	-0.003711	0.014047	-0.013198
	-0.002381	0.000474	-0.014141	0.000891	0.001027	-0.002889
	-0.000506					
z672	-0.024386	0.033299	-0.016212	-0.029422	0.037428	0.036240
	-0.002268	-0.023312	0.054308	0.011701	-0.003431	-0.025596
	0.002821	0.009669	-0.037991	0.022626	-0.012677	0.002537
	0.001673	0.010265	-0.044030	0.007368	-0.010544	0.013786
	0.024243	0.004919	0.037083	0.013761	0.004685	-0.002163
	-0.013950					
x673	-0.048554	0.010990	0.029080	-0.018416	-0.012966	0.004451
	-0.011123	0.001991	0.023981	-0.014868	0.013107	0.032541
	0.033530	0.023584	-0.009469	0.009442	-0.015890	0.018102
	-0.020955	0.007206	0.002339	-0.017885	-0.020661	-0.010269
	-0.063071	0.002501	0.034787	0.006264	0.048062	0.031701
	-0.030854					
y673	0.014731	-0.008205	-0.005622	0.008682	-0.002940	-0.005557
	0.002360	0.002521	-0.010629	-0.002380	-0.005978	-0.007417
	-0.003255	-0.008865	0.006747	-0.002265	0.016001	0.000712
	0.010244	-0.007814	-0.002872	0.004540	0.020007	-0.006161
	0.008929	0.006580	-0.017535	0.001567	-0.013914	-0.010691
	0.003135					
z673	-0.023474	0.036725	-0.018891	-0.036421	0.036519	0.040119
	0.007866	-0.019022	0.048375	0.018079	-0.001674	-0.027438
	-0.000896	0.005924	-0.035269	0.019035	-0.009482	0.002625
	0.001442	0.014449	-0.046810	0.009555	-0.013427	0.024524
	0.012533	-0.011026	0.039422	0.017629	0.004416	-0.005854
	-0.006404					

x674	-0.041957	0.008629	0.027947	-0.022871	-0.012244	0.003549
	-0.007003	0.000779	0.020014	-0.015365	0.009228	0.035207
	0.031607	0.028896	-0.006712	0.012787	-0.003870	0.009685
	-0.023419	0.001390	0.002255	-0.025008	-0.010532	0.002468
	-0.064411	0.012337	0.028860	-0.003207	0.040189	0.024407
	-0.032170					
y674	0.022744	-0.011093	-0.011381	0.011912	0.000828	-0.008523
	0.000141	0.001819	-0.010667	-0.001905	-0.006362	-0.015380
	-0.007778	-0.007955	0.012764	-0.004951	0.020539	-0.009442
	0.008506	-0.002874	-0.003258	0.014113	0.019365	0.005404
	0.019175	0.004908	-0.013843	-0.006631	-0.023500	-0.015535
	0.014967					
z674	-0.022666	0.041133	-0.023198	-0.040454	0.032884	0.040654
	0.016040	-0.018269	0.042119	0.019012	-0.009835	-0.030541
	-0.001638	0.007731	-0.029629	0.013828	-0.008453	0.004049
	0.005006	0.022591	-0.031946	0.018277	-0.008598	0.028518
	0.011526	-0.031069	0.028895	0.017488	-0.011472	0.000529
	0.000270					
x675	-0.032798	0.004974	0.025029	-0.025406	-0.011153	0.002445
	-0.003611	-0.001957	0.015267	-0.012899	0.003518	0.030981
	0.021976	0.034366	-0.008673	0.011323	0.001451	0.000140
	-0.019642	0.000702	0.000444	-0.028568	-0.001397	0.020080
	-0.054670	0.024241	0.027549	-0.012620	0.033851	0.011494
	-0.015029					
y675	0.026738	-0.007561	-0.020513	0.013146	0.005621	-0.005589
	0.000071	0.001053	-0.007092	0.001715	-0.004894	-0.023996
	-0.012407	-0.011276	0.016485	-0.009968	0.020005	-0.011635
	0.005814	0.003018	-0.001056	0.027335	0.016035	0.009268
	0.025264	-0.013769	-0.016176	0.003697	-0.024353	-0.010681
	0.021835					
z675	-0.021076	0.048228	-0.026309	-0.042264	0.025162	0.038167
	0.020148	-0.019607	0.038965	0.016433	-0.015737	-0.029455
	0.000303	0.002873	-0.028679	0.011762	-0.016212	-0.001775
	0.010010	0.018911	-0.016519	0.023783	-0.008231	0.017568
	0.003323	-0.033266	0.016268	0.029284	-0.000536	0.000101
	0.010379					
x676	-0.024430	0.004331	0.020115	-0.025752	-0.011499	0.003828
	0.000300	-0.007697	0.013872	-0.006771	-0.001962	0.021582
	0.008821	0.037687	-0.010196	0.006497	0.007174	0.001177
	-0.010513	0.008240	-0.003480	-0.026726	0.009413	0.039233
	-0.040859	0.021837	0.022278	-0.010056	0.023938	0.004884
	0.001579					

y676	0.027577	0.003267	-0.030683	0.014511	0.008971	-0.002329
	0.001012	0.000947	0.000581	0.004204	-0.001849	-0.026436
	-0.011524	-0.020608	0.017148	-0.009847	0.013346	-0.009297
	0.003684	0.002523	0.005562	0.040088	0.007903	-0.003400
	0.022899	-0.036602	-0.024203	0.028207	-0.018225	0.002670
	0.016753					
z676	-0.021611	0.053479	-0.024476	-0.043426	0.018193	0.035587
	0.021145	-0.022494	0.036856	0.012323	-0.021893	-0.023501
	0.004768	0.000319	-0.022088	0.011630	-0.019642	0.002195
	0.012662	0.022013	-0.004957	0.024964	0.003213	0.013539
	-0.003751	-0.033277	-0.000827	0.036236	0.003479	-0.002446
	0.005820					
x677	-0.016953	0.006703	0.012808	-0.023735	-0.012812	0.005712
	0.005449	-0.014188	0.013357	-0.002159	-0.007644	0.006267
	-0.000952	0.032740	-0.006937	0.001482	0.008314	0.001084
	-0.002786	0.011788	-0.008073	-0.013309	0.013349	0.040657
	-0.031814	0.017673	0.016485	-0.002579	0.018443	0.007042
	0.007335					
y677	0.026785	0.014444	-0.039060	0.015873	0.013810	-0.002730
	0.000242	0.003527	0.006888	0.001562	-0.001128	-0.022417
	-0.001921	-0.032371	0.019459	-0.002624	0.003242	-0.009695
	-0.002889	-0.001084	0.015850	0.051336	-0.001132	-0.026538
	0.015402	-0.050354	-0.032440	0.044493	-0.012136	0.015827
	0.003931					
z677	-0.021946	0.054162	-0.019664	-0.046826	0.009600	0.032088
	0.019980	-0.024092	0.031754	0.005247	-0.025953	-0.014387
	0.007560	-0.001522	-0.018344	0.008163	-0.021024	0.008356
	0.009765	0.019859	-0.001737	0.026614	0.013353	0.012260
	-0.015039	-0.025369	-0.008430	0.038664	0.009882	-0.002280
	0.006769					
x678	-0.010099	0.011866	0.003829	-0.020338	-0.010146	0.005031
	0.011262	-0.016936	0.012586	-0.001981	-0.013626	-0.004507
	-0.001296	0.024028	-0.001400	-0.002283	0.005617	-0.004244
	0.000919	0.015019	-0.002354	-0.002044	0.012017	0.026795
	-0.022366	0.009457	0.003566	-0.002101	0.006842	0.007202
	0.005168					
y678	0.025494	0.021638	-0.044646	0.014683	0.020186	-0.006106
	-0.002927	0.008916	0.009903	-0.004726	-0.001804	-0.009377
	0.009388	-0.040120	0.017716	0.004718	-0.006118	-0.009449
	-0.014157	-0.002534	0.027356	0.051649	-0.007435	-0.040682
	0.008548	-0.056455	-0.033299	0.047943	-0.011918	0.023428
	-0.001091					

z678	-0.020617	0.052566	-0.013670	-0.049365	0.002672	0.024733
	0.020536	-0.024216	0.025025	-0.002836	-0.029726	-0.007916
	0.012987	0.001645	-0.015858	0.006125	-0.018162	0.009000
	0.010251	0.023238	0.004777	0.019854	0.024252	0.012633
	-0.025158	-0.016247	-0.020094	0.034025	0.006653	-0.007456
	0.009449					
x679	-0.004005	0.017213	-0.003704	-0.017896	-0.006137	0.002483
	0.013809	-0.013513	0.010542	-0.004977	-0.018160	-0.004868
	0.001541	0.015766	0.004212	-0.000225	-0.002262	-0.005164
	-0.000921	0.015964	0.010216	0.007426	0.009790	0.013959
	-0.018115	0.004422	-0.000553	0.001584	0.000388	0.006899
	0.003663					
y679	0.024244	0.024118	-0.047814	0.011571	0.026629	-0.011175
	-0.007254	0.014278	0.011218	-0.010911	-0.003886	0.006387
	0.017745	-0.041138	0.011389	0.012070	-0.013774	-0.008635
	-0.026063	0.002681	0.035723	0.042843	-0.012322	-0.041982
	0.003463	-0.056522	-0.025767	0.042555	-0.016211	0.031220
	0.005202					
z679	-0.018007	0.048437	-0.008528	-0.051748	-0.004655	0.017503
	0.024867	-0.025605	0.018664	-0.010662	-0.031868	-0.007410
	0.017567	0.010978	-0.008712	0.008278	-0.013318	0.003907
	0.010097	0.027609	0.015678	0.007986	0.032377	0.013869
	-0.027113	-0.005621	-0.012901	0.019809	0.003821	-0.006145
	0.012913					
x680	0.002317	0.019748	-0.011416	-0.014750	-0.001274	-0.004321
	0.015196	-0.004800	0.009560	-0.007800	-0.019405	0.000846
	0.007176	0.006689	0.006003	0.006933	-0.012193	0.002692
	-0.004134	0.022492	0.017702	0.014798	0.004910	0.008451
	-0.012218	-0.004202	-0.009896	0.011398	-0.010691	0.006988
	0.004046					
y680	0.020715	0.024100	-0.049856	0.007921	0.033249	-0.012028
	-0.010364	0.019722	0.014067	-0.011652	-0.001826	0.020647
	0.027456	-0.037775	0.007382	0.025032	-0.018225	-0.006848
	-0.028024	0.007375	0.036684	0.023544	-0.018283	-0.031919
	0.006102	-0.050159	-0.005240	0.029645	-0.029614	0.034072
	0.015024					
z680	-0.014213	0.039580	-0.002027	-0.049105	-0.009704	0.007031
	0.030349	-0.028363	0.008771	-0.018807	-0.033547	-0.010065
	0.013386	0.025928	-0.003951	0.002650	-0.015858	-0.002762
	0.018221	0.033942	0.015483	-0.003386	0.030995	0.016672
	-0.029452	0.013965	-0.018507	-0.000744	0.002639	-0.016952
	0.022054					

x681	0.004099	0.026829	-0.026670	-0.012045	0.009680	-0.005045
	0.013459	0.003964	0.012784	-0.009626	-0.016094	0.004904
	0.022735	-0.006932	0.017798	0.022318	-0.013871	0.007542
	-0.011584	0.020079	0.026320	0.007836	-0.006117	-0.002327
	-0.012904	-0.022713	0.000427	0.018395	-0.024765	0.013287
	0.008032					
y681	0.009888	0.024345	-0.043683	0.002811	0.029776	-0.003765
	-0.017042	0.026641	0.011694	-0.012558	0.003698	0.021471
	0.032327	-0.032079	0.016600	0.025936	-0.007305	-0.001381
	-0.018165	-0.010476	0.033630	0.007652	-0.007330	-0.026890
	0.003655	-0.031154	0.000359	0.013534	-0.029215	0.016196
	0.014950					
z681	-0.012277	0.031594	0.005859	-0.046835	-0.018695	0.002786
	0.031983	-0.031558	0.003555	-0.020835	-0.032765	-0.005801
	0.009938	0.036889	-0.003665	-0.003762	-0.013341	0.000529
	0.019309	0.038271	0.013680	-0.002602	0.035255	0.025382
	-0.024718	0.020416	-0.016229	-0.006280	0.006033	-0.012655
	0.019381					
x682	0.004494	0.029290	-0.026759	-0.012140	0.015377	-0.007541
	0.006197	0.008767	0.008311	-0.013747	-0.014470	0.010988
	0.025342	-0.013929	0.016504	0.024084	-0.015967	0.004200
	-0.012841	0.014958	0.032098	0.002750	-0.008212	-0.016651
	-0.016935	-0.027505	0.000168	0.009906	-0.028348	0.011142
	0.022055					
y682	0.007117	0.021626	-0.039722	-0.001748	0.027406	-0.002351
	-0.018933	0.026743	0.009346	-0.015521	0.001833	0.020040
	0.025974	-0.025669	0.016007	0.019388	-0.000744	0.004506
	-0.021360	-0.008487	0.031016	-0.002471	0.000778	-0.025273
	0.001978	-0.025218	0.002851	-0.004397	-0.024219	0.013507
	0.027906					
z682	-0.007239	0.026784	0.009629	-0.041307	-0.022205	-0.000409
	0.034852	-0.034053	-0.000902	-0.018835	-0.031159	-0.004530
	0.008568	0.038553	-0.001937	-0.003352	-0.015803	-0.000936
	0.023859	0.038043	0.008635	-0.006069	0.032422	0.024266
	-0.022497	0.020628	-0.017897	-0.004243	0.012077	-0.009551
	0.015708					
x683	0.003578	0.030386	-0.030422	-0.014682	0.019951	-0.006710
	-0.002046	0.017185	0.006134	-0.014486	-0.011839	0.016030
	0.028057	-0.019062	0.021256	0.026780	-0.011057	0.007944
	-0.012372	0.007780	0.033015	0.001744	-0.004413	-0.023300
	-0.011910	-0.021463	0.001042	-0.003325	-0.031384	0.003801
	0.028485					

y683	0.005404	0.017534	-0.033406	-0.004959	0.023360	-0.000186
	-0.017372	0.023460	0.007289	-0.014779	0.000261	0.014830
	0.019893	-0.017839	0.017922	0.013251	0.002642	0.004003
	-0.019552	-0.005337	0.025660	-0.007993	0.005144	-0.017810
	-0.005068	-0.019911	0.006064	-0.009687	-0.016521	0.010926
	0.039615					
z683	-0.005584	0.022178	0.011342	-0.037238	-0.025551	-0.002723
	0.036209	-0.036218	-0.005718	-0.016454	-0.033901	-0.005664
	0.007483	0.038893	-0.000058	-0.006328	-0.016997	-0.006328
	0.026380	0.040625	0.007262	-0.002879	0.026165	0.029847
	-0.026149	0.024432	-0.018725	0.004370	0.011055	-0.006949
	0.013317					
x684	0.003515	0.030310	-0.032553	-0.018208	0.022811	-0.005736
	-0.007638	0.025384	0.004677	-0.012964	-0.006869	0.019554
	0.029897	-0.021927	0.025757	0.032279	-0.005746	0.010856
	-0.009964	0.002123	0.031989	-0.000677	-0.002694	-0.026606
	-0.008369	-0.016614	0.004446	-0.016437	-0.031580	-0.006534
	0.037141					
y684	0.003739	0.012983	-0.026671	-0.006186	0.016747	0.001536
	-0.014263	0.017770	0.007156	-0.013720	-0.001776	0.008533
	0.010227	-0.007950	0.019347	0.007267	0.008301	0.001295
	-0.012547	-0.004374	0.017726	-0.011673	0.008903	-0.008493
	-0.008116	-0.011523	0.006592	-0.007958	-0.006669	0.005756
	0.040142					
z684	-0.003072	0.019418	0.013293	-0.033655	-0.030847	-0.005865
	0.038073	-0.038772	-0.006495	-0.016886	-0.030646	-0.005381
	0.008946	0.039322	0.001952	-0.000260	-0.019511	-0.006653
	0.026878	0.040888	0.007459	0.000472	0.020300	0.031749
	-0.023356	0.026970	-0.017600	0.006081	0.006403	-0.008146
	0.002828					
x685	0.003389	0.029158	-0.034744	-0.021938	0.025737	-0.004264
	-0.011702	0.032937	0.000569	-0.009567	-0.005036	0.019437
	0.029866	-0.022631	0.030931	0.035603	0.000843	0.010394
	-0.004387	-0.002581	0.031973	-0.003701	-0.001482	-0.027098
	-0.009176	-0.013809	0.009343	-0.024351	-0.027550	-0.015687
	0.044747					
y685	0.001973	0.009226	-0.018195	-0.004794	0.009202	0.003019
	-0.008995	0.009455	0.010614	-0.013181	-0.002477	0.003094
	-0.001740	0.003280	0.016684	-0.002881	0.011878	-0.003376
	-0.005687	-0.004993	0.006629	-0.008929	0.016033	0.000549
	-0.002011	-0.003529	0.011321	-0.005686	0.004037	0.002476
	0.026931					

z685	-0.002127	0.018622	0.014939	-0.028266	-0.033454	-0.007944
	0.037328	-0.038614	-0.008234	-0.016147	-0.029442	-0.004720
	0.011491	0.035776	0.000712	0.000563	-0.023313	-0.012119
	0.025015	0.041447	0.008088	0.003668	0.017005	0.030239
	-0.020870	0.022339	-0.015164	0.004050	0.003259	-0.004366
	-0.009741					
x686	0.003430	0.027053	-0.035913	-0.025122	0.027537	-0.002882
	-0.014509	0.036709	-0.003027	-0.004169	-0.003349	0.018830
	0.025466	-0.020300	0.032869	0.035680	0.010213	0.008645
	0.003258	-0.009575	0.029022	-0.006736	0.000007	-0.021806
	-0.009197	-0.008936	0.016035	-0.022696	-0.023697	-0.027827
	0.051013					
y686	0.001214	0.005186	-0.010393	-0.004974	0.002553	0.003176
	-0.004853	0.003819	0.009167	-0.011087	-0.004280	0.001190
	-0.006673	0.010552	0.013876	-0.005067	0.009346	-0.003098
	-0.001386	-0.003647	0.007568	-0.006897	0.012545	0.004880
	-0.004273	-0.001063	0.007991	-0.002280	0.010051	-0.002583
	0.012324					
z686	-0.000697	0.018744	0.015566	-0.023446	-0.036889	-0.008787
	0.034572	-0.042255	-0.008047	-0.013968	-0.025773	-0.003951
	0.011280	0.030959	0.000842	-0.001156	-0.023957	-0.017858
	0.023262	0.038570	0.005226	0.001512	0.015571	0.027639
	-0.023200	0.015423	-0.014869	0.005484	-0.003974	-0.001883
	-0.010353					
x687	0.002765	0.024712	-0.036096	-0.027935	0.027755	-0.002617
	-0.015740	0.040038	-0.006768	0.000110	-0.004873	0.018428
	0.020598	-0.016933	0.031969	0.032341	0.013549	0.010426
	0.010564	-0.014900	0.031489	-0.007044	0.000426	-0.019405
	-0.006590	-0.002198	0.017680	-0.017317	-0.017946	-0.039410
	0.045698					
y687	0.001002	0.002761	-0.002796	-0.004334	-0.002455	0.002160
	-0.001787	-0.000111	0.007790	-0.009733	-0.004740	0.000702
	-0.007819	0.014702	0.009134	-0.009266	0.006206	-0.005662
	-0.000269	-0.001847	0.008888	-0.006311	0.010002	0.008784
	-0.007587	-0.001709	0.001802	0.000846	0.012263	-0.002088
	-0.002882					
z687	-0.000043	0.019057	0.015819	-0.019352	-0.041974	-0.009057
	0.030433	-0.043898	-0.008883	-0.012043	-0.023096	-0.000718
	0.012330	0.024375	0.000255	-0.004311	-0.029834	-0.019672
	0.021583	0.040064	0.006713	-0.002784	0.012233	0.019492
	-0.020856	0.007054	-0.018927	0.005251	-0.008997	0.000667
	-0.010514					

x688	0.001964	0.022292	-0.035583	-0.030289	0.028651	-0.003201
	-0.014451	0.043424	-0.011714	0.001475	-0.008015	0.017408
	0.015540	-0.011505	0.028411	0.029374	0.015403	0.010455
	0.014372	-0.018091	0.037036	-0.003048	0.003512	-0.012012
	-0.005098	0.009172	0.020917	-0.013283	-0.012618	-0.044538
	0.034504					
y688	0.000801	0.000822	0.004617	-0.002195	-0.007341	0.002454
	0.000212	-0.007030	0.008994	-0.009574	-0.003402	0.001457
	-0.009381	0.016248	0.007138	-0.011397	0.004806	-0.008629
	-0.002248	0.001305	0.004447	-0.006200	0.006390	0.009234
	-0.009098	-0.003989	0.001303	-0.002348	0.012629	0.002719
	-0.010924					
z688	0.001064	0.018467	0.016640	-0.016350	-0.045568	-0.007190
	0.026824	-0.045867	-0.010465	-0.012070	-0.016482	0.002653
	0.011158	0.018021	0.001167	-0.001181	-0.034683	-0.023422
	0.014763	0.042713	0.004473	-0.002627	0.013124	0.012691
	-0.017040	0.005451	-0.015612	-0.005328	-0.013442	0.007759
	-0.012121					
x689	0.001184	0.018955	-0.034835	-0.031339	0.026372	-0.004315
	-0.011475	0.048816	-0.018352	-0.000895	-0.016570	0.017655
	0.007356	-0.007834	0.024057	0.020489	0.013346	0.012414
	0.020277	-0.018825	0.041681	0.001720	0.004661	-0.004958
	-0.007101	0.018826	0.019981	-0.002399	-0.008193	-0.039463
	0.032858					
y689	0.001735	-0.001716	0.011452	0.003589	-0.014830	0.003300
	0.004676	-0.021004	0.009275	-0.004954	-0.002555	-0.001364
	-0.005429	0.011555	0.008558	-0.008443	-0.000842	-0.006391
	-0.004175	0.014478	-0.008634	-0.003476	-0.002509	0.008267
	-0.008495	-0.008131	-0.002660	-0.010499	0.011211	0.012260
	-0.012476					
z689	-0.000244	0.019330	0.017709	-0.011201	-0.050260	-0.007506
	0.018209	-0.041987	-0.011070	-0.009645	-0.015549	0.009222
	0.011023	0.010256	0.001882	-0.002699	-0.036903	-0.027576
	0.006216	0.044756	0.003230	-0.004205	0.003234	0.002852
	-0.013809	-0.006406	-0.019482	-0.008532	-0.019928	0.016497
	-0.003126					
x690	0.002258	0.014963	-0.028470	-0.032252	0.019888	-0.002556
	-0.003442	0.045817	-0.021141	-0.003780	-0.014403	0.016677
	0.000912	-0.003017	0.019640	0.014549	0.011927	0.008549
	0.022633	-0.013950	0.035169	0.010357	0.000726	0.002344
	-0.006213	0.028938	0.020516	-0.005595	-0.008855	-0.027490
	0.029407					

y690	0.002295	-0.002088	0.015171	0.010866	-0.020798	0.000079
	0.006182	-0.034119	0.009888	0.001520	-0.001200	-0.004539
	0.005944	-0.000150	0.001500	-0.005657	-0.009610	-0.003387
	-0.008907	0.023903	-0.019589	0.000234	-0.002694	0.004918
	-0.003650	-0.016153	-0.012700	-0.017846	0.003905	0.018716
	-0.023129					
z690	-0.002263	0.023196	0.014817	-0.010402	-0.046758	-0.006003
	0.006787	-0.036828	-0.013683	-0.008351	-0.017780	0.017011
	0.012841	0.000301	0.002481	-0.001180	-0.031170	-0.026748
	0.003165	0.036434	0.011266	-0.009074	-0.000384	-0.004344
	-0.008437	-0.007649	-0.017507	-0.007038	-0.022110	0.013156
	-0.005029					
x691	0.002159	0.011946	-0.023641	-0.032746	0.016400	-0.002664
	-0.000996	0.044833	-0.021682	-0.003416	-0.013548	0.011706
	-0.000811	-0.001133	0.014594	0.010391	0.011584	0.007759
	0.020015	-0.007362	0.030666	0.015959	-0.004371	0.004646
	-0.006349	0.035698	0.017717	-0.007932	-0.007649	-0.021779
	0.020971					
y691	0.002404	-0.003010	0.017701	0.013850	-0.025352	-0.001157
	0.003508	-0.036787	0.012298	0.005488	0.001928	-0.002479
	0.010945	-0.006061	-0.003307	-0.000405	-0.010763	-0.004549
	-0.012331	0.026019	-0.021974	-0.002058	-0.005247	0.002099
	-0.004342	-0.024060	-0.019382	-0.015662	-0.000903	0.022729
	-0.025500					
z691	-0.003465	0.024041	0.011220	-0.008516	-0.044759	-0.002570
	-0.001025	-0.030178	-0.018385	-0.006605	-0.021616	0.023391
	0.014831	-0.006779	0.005279	-0.006069	-0.026284	-0.025530
	0.001531	0.034891	0.015404	-0.013762	0.000090	-0.006515
	-0.002530	-0.006678	-0.018537	-0.000672	-0.017043	0.010978
	-0.001016					
x692	0.002618	0.010399	-0.020355	-0.033101	0.012629	-0.001070
	0.001620	0.038354	-0.022246	-0.006050	-0.011835	0.004532
	-0.004222	-0.002069	0.013600	0.008029	0.009859	0.008400
	0.016126	0.000955	0.026423	0.014851	-0.008590	0.004014
	-0.006097	0.035229	0.015536	-0.008440	-0.006352	-0.020425
	0.015327					
y692	0.001771	-0.001391	0.017134	0.016822	-0.028068	-0.002439
	-0.000229	-0.040069	0.010608	0.007569	-0.000333	-0.000575
	0.018228	-0.012868	-0.004033	0.002587	-0.009753	-0.007225
	-0.015626	0.026380	-0.018492	-0.007252	-0.010714	-0.001496
	-0.001652	-0.030017	-0.021981	-0.013585	-0.003206	0.025464
	-0.020493					

z692	-0.005075	0.024514	0.007904	-0.009289	-0.042413	0.001139
	-0.007085	-0.024937	-0.021365	-0.005541	-0.021512	0.031357
	0.015933	-0.011699	0.004252	-0.006104	-0.023423	-0.024960
	-0.002338	0.031184	0.019186	-0.016940	0.000384	-0.007007
	0.000899	-0.006493	-0.014628	0.000698	-0.014410	0.007255
	0.001764					
x693	0.001416	0.013288	-0.015933	-0.027976	0.003313	0.000391
	0.004332	0.026342	-0.010319	-0.011068	-0.013232	-0.002623
	-0.015885	-0.001404	0.012234	-0.005637	0.006097	0.003570
	0.021269	0.002065	0.014398	0.015126	0.001043	-0.001066
	0.003296	0.031879	0.008649	-0.006165	0.002028	-0.014043
	0.006454					
y693	-0.000203	0.002924	0.013896	0.021464	-0.032098	-0.004694
	-0.002129	-0.046703	0.012274	0.005835	-0.005945	-0.000870
	0.025524	-0.017042	-0.003852	-0.001474	-0.008886	-0.019849
	-0.019915	0.021918	-0.012562	-0.016028	-0.011739	-0.003688
	0.003207	-0.036166	-0.021655	-0.010468	-0.002844	0.029553
	-0.015055					
z693	-0.005825	0.024255	0.005232	-0.011940	-0.038211	0.005041
	-0.013982	-0.016347	-0.027202	-0.004073	-0.020039	0.040331
	0.018059	-0.014733	0.004654	-0.005089	-0.021732	-0.020959
	-0.005463	0.025101	0.027065	-0.018743	-0.000503	-0.006746
	0.001636	-0.005410	-0.011849	0.000297	-0.012071	0.005956
	0.007711					
x694	0.001159	0.012957	-0.008799	-0.024638	-0.003343	0.000687
	0.003289	0.020919	-0.005460	-0.004987	-0.014301	0.003335
	-0.019120	-0.004344	0.004855	-0.004994	0.003429	0.006834
	0.023761	0.001655	0.002997	0.013311	0.001069	-0.004647
	0.003972	0.025070	-0.001027	-0.001093	0.003367	-0.008313
	-0.001557					
y694	-0.002378	0.003480	0.012599	0.022538	-0.031842	-0.006817
	-0.007931	-0.042985	0.004118	0.011516	-0.008926	0.011615
	0.041245	-0.021981	-0.006924	0.009889	-0.006836	-0.022337
	-0.028697	0.015229	-0.000655	-0.020309	-0.021009	-0.000573
	-0.002539	-0.040215	-0.019100	-0.008008	-0.008666	0.032595
	-0.005679					
z694	-0.004979	0.022837	0.003100	-0.017769	-0.031836	0.008266
	-0.020959	-0.005915	-0.036593	0.000437	-0.017346	0.049049
	0.025953	-0.016498	0.005499	0.001863	-0.020951	-0.011845
	-0.008479	0.021532	0.035526	-0.018758	-0.009382	-0.009155
	0.000272	-0.003282	-0.006770	-0.003116	-0.015428	0.003061
	0.011236					

x695	-0.000720	0.013227	-0.005422	-0.020209	-0.009160	0.002097
	0.001936	0.016580	-0.004137	0.000270	-0.019050	0.007711
	-0.014205	-0.006117	0.002883	-0.008467	0.001573	0.006741
	0.020530	0.001553	-0.000343	0.012883	0.008324	-0.003314
	0.004438	0.020555	-0.008317	0.001685	0.007283	-0.001036
	-0.008542					
y695	-0.006597	0.009511	0.009858	0.029903	-0.036118	-0.008526
	-0.008322	-0.051006	0.008420	0.009174	-0.013453	0.015268
	0.046409	-0.017786	-0.009393	0.002052	-0.009154	-0.033412
	-0.032855	0.004745	0.002435	-0.021423	-0.010165	-0.001584
	0.007302	-0.037031	-0.015468	-0.005360	-0.004071	0.041063
	0.000427					
z695	-0.005800	0.024148	0.000539	-0.021959	-0.028939	0.013600
	-0.021077	-0.002868	-0.032192	-0.002555	-0.017964	0.043258
	0.022402	-0.012995	0.012668	-0.004510	-0.019422	-0.004783
	-0.007182	0.019282	0.032297	-0.009361	-0.002607	-0.012054
	0.006089	0.006231	0.000429	-0.006128	-0.007070	0.003445
	0.006513					
x696	-0.004081	0.015453	0.000861	-0.012946	-0.017106	0.002671
	-0.002578	0.012749	-0.000697	0.010252	-0.021390	0.022035
	-0.007675	-0.006014	-0.009680	-0.010429	-0.002569	0.008580
	0.025333	-0.006891	-0.011321	0.024860	0.022147	-0.003614
	0.013681	0.028264	-0.015684	0.001485	0.009892	0.014476
	-0.012146					
y696	-0.011149	0.012152	0.009265	0.032854	-0.037784	-0.010545
	-0.013610	-0.048287	0.009422	0.014286	-0.016298	0.026638
	0.055520	-0.014112	-0.013815	0.006765	-0.011199	-0.025829
	-0.028833	-0.007277	0.002258	-0.007180	-0.003698	0.000949
	0.015965	-0.025979	-0.008885	-0.006985	-0.001273	0.046435
	0.006137					
z696	-0.006192	0.026636	-0.004907	-0.025264	-0.026086	0.017527
	-0.018299	-0.004193	-0.026295	-0.011239	-0.018967	0.027939
	0.016732	-0.010156	0.017614	-0.018506	-0.017727	-0.010818
	-0.008727	0.021935	0.032614	-0.016279	-0.003199	-0.017509
	0.009683	0.005801	0.002542	-0.004372	-0.004932	-0.000033
	0.003741					
x697	-0.007832	0.016297	0.005098	-0.007938	-0.022588	0.004287
	-0.006432	0.003408	-0.003001	0.011995	-0.023931	0.030639
	-0.001607	0.001480	-0.015267	-0.005878	-0.004607	-0.002333
	0.009772	-0.012965	-0.006462	0.016778	0.025197	-0.002822
	0.004007	0.027798	-0.027860	0.007409	0.000885	0.028921
	-0.011547					

y697	-0.015192	0.014463	0.011726	0.035192	-0.038777	-0.011525
	-0.018457	-0.043139	0.016336	0.019772	-0.016307	0.037406
	0.054637	-0.010069	-0.019985	0.007151	-0.012587	-0.010903
	-0.018562	-0.019831	-0.010804	0.014759	0.011076	0.002929
	0.026032	-0.010383	-0.002782	-0.006320	0.006126	0.054281
	0.004395					
z697	-0.005612	0.025138	-0.010817	-0.031186	-0.017827	0.022702
	-0.018206	0.005106	-0.030142	-0.011868	-0.018751	0.020220
	0.017523	-0.015091	0.018582	-0.024248	-0.014234	-0.003460
	-0.002667	0.026533	0.031590	-0.019797	-0.011446	-0.014811
	0.010404	0.006284	0.005431	-0.002800	-0.004255	-0.003044
	0.002968					
x698	-0.013380	0.018207	0.003195	-0.004276	-0.028920	0.005345
	-0.017261	-0.004543	-0.008035	0.020609	-0.029659	0.041676
	0.021259	-0.000069	-0.017536	0.002051	-0.009984	0.006576
	-0.004682	-0.020329	0.006674	0.012112	0.017114	0.002914
	0.003456	0.015701	-0.028858	0.017315	0.004676	0.029974
	-0.008516					
y698	-0.021463	0.014545	0.011974	0.026621	-0.039811	-0.012530
	-0.026587	-0.039872	0.033207	0.014966	-0.009572	0.048542
	0.044331	0.005191	-0.016050	0.009484	-0.004831	-0.001049
	-0.004740	-0.029437	-0.012856	0.027622	0.022767	0.002811
	0.037770	-0.001029	0.031493	-0.018097	0.013898	0.028838
	-0.006913					
z698	-0.002870	0.021644	-0.012691	-0.037793	-0.009112	0.031352
	-0.018246	0.013971	-0.032370	-0.010506	-0.015869	0.020447
	0.010363	-0.015600	0.019470	-0.023606	-0.008107	0.004827
	0.003443	0.027183	0.018570	-0.015197	-0.016085	-0.016606
	0.006829	0.012392	0.006075	-0.001259	-0.000038	-0.014283
	0.004608					
x699	-0.021111	0.018854	-0.002320	-0.007157	-0.034826	0.005966
	-0.024374	-0.004318	-0.007797	0.024052	-0.027676	0.053525
	0.041058	0.004011	-0.015772	-0.001165	-0.009536	0.012183
	0.001255	-0.020354	0.017789	0.019527	0.007612	0.003094
	0.014770	0.015212	-0.005484	-0.000329	0.017400	0.016174
	-0.005019					
y699	-0.021400	0.012564	0.011591	0.019147	-0.028740	-0.016354
	-0.024988	-0.028368	0.030048	0.008721	-0.010527	0.048106
	0.033545	0.012787	-0.005157	0.016921	-0.010233	0.009566
	0.010409	-0.022223	-0.017444	0.033788	0.029778	-0.010023
	0.029464	-0.004388	0.026276	-0.012777	0.034145	0.009018
	0.000649					

z699	0.000334	0.018146	-0.011024	-0.043806	-0.002821	0.045832
	-0.013788	0.015758	-0.034431	-0.011686	-0.011769	0.019725
	0.004780	-0.014686	0.015586	-0.014216	-0.004266	0.008686
	-0.000552	0.033300	0.014017	-0.016046	-0.018661	-0.018713
	0.011453	0.016379	-0.002567	-0.006199	-0.003001	-0.017324
	0.002171					
x700	-0.023751	0.017292	-0.003987	-0.007563	-0.032739	0.006358
	-0.024561	-0.000654	-0.010238	0.026426	-0.025438	0.058893
	0.051258	0.008490	-0.018554	-0.007924	-0.008209	0.014545
	0.000671	-0.014395	0.016472	0.020896	0.006890	0.002053
	0.020531	0.008934	0.005140	-0.004727	0.034963	0.013303
	0.005357					
y700	-0.019005	0.011227	0.010080	0.017507	-0.021994	-0.016967
	-0.024845	-0.016912	0.021729	0.009689	-0.021227	0.044792
	0.030648	0.004606	0.001106	0.024069	-0.013196	0.021213
	0.015752	-0.015124	-0.028687	0.029748	0.032622	-0.017503
	0.022276	-0.008867	0.006486	0.000687	0.045803	0.001272
	-0.003857					
z700	0.001247	0.017378	-0.009880	-0.049734	0.000054	0.055796
	-0.011540	0.013507	-0.035806	-0.011720	-0.007336	0.020814
	0.001497	-0.016412	0.012096	-0.007185	-0.004410	0.009754
	-0.002883	0.031874	0.016833	-0.017237	-0.023377	-0.020665
	0.006009	0.018330	-0.011027	-0.011796	-0.005506	-0.015955
	-0.003060					
x701	-0.026882	0.017636	-0.004343	-0.004323	-0.034109	0.007259
	-0.023277	-0.002363	-0.005897	0.025521	-0.029527	0.056396
	0.048859	0.014340	-0.018518	-0.020705	-0.007385	0.007859
	-0.003504	-0.009754	0.002128	0.015999	0.019481	-0.004736
	0.027862	0.002814	0.001003	0.002759	0.055333	0.012987
	0.001336					
y701	-0.016908	0.009596	0.010585	0.015243	-0.018159	-0.014895
	-0.023353	-0.006696	0.017624	0.008652	-0.025042	0.046397
	0.024954	0.004448	0.004360	0.025250	-0.012038	0.025198
	0.015300	-0.006520	-0.029263	0.019569	0.023774	-0.023638
	0.016417	-0.012848	-0.000803	0.005723	0.051748	-0.009084
	-0.011264					
z701	0.000964	0.016668	-0.010667	-0.054976	0.000138	0.065573
	-0.009898	0.013241	-0.037068	-0.009671	-0.005305	0.025051
	0.002909	-0.017042	0.006045	-0.012189	-0.001490	0.006534
	-0.000341	0.029663	0.020958	-0.010935	-0.026906	-0.015487
	-0.000782	0.023646	-0.018303	-0.019109	-0.005563	-0.013145
	0.001355					

x702	-0.027367	0.018038	-0.005862	0.000921	-0.036252	0.012113
	-0.020186	-0.004160	-0.004417	0.019774	-0.037911	0.051892
	0.050380	0.014540	-0.011493	-0.034051	-0.006392	0.006807
	0.007047	0.007105	-0.022710	0.007579	0.032168	-0.016997
	0.046241	0.010121	0.007469	0.018711	0.075288	0.011823
	-0.023797					
y702	-0.015340	0.008186	0.005021	0.012904	-0.011787	-0.015602
	-0.020144	0.003037	0.013818	0.012413	-0.032043	0.042718
	0.015591	0.001244	0.001020	0.022489	-0.012707	0.036868
	0.020043	-0.017381	-0.032559	0.019476	0.021914	-0.019948
	0.014514	-0.011190	-0.009930	-0.005213	0.056940	-0.020099
	-0.012130					
z702	-0.001193	0.016016	-0.009270	-0.058439	-0.000315	0.074326
	-0.007466	0.012237	-0.033595	-0.007830	0.000153	0.031394
	0.001323	-0.012664	0.003799	-0.018338	0.001139	-0.000675
	-0.009629	0.025925	0.025441	-0.008240	-0.029480	-0.006210
	-0.005225	0.016851	-0.026237	-0.029557	-0.005017	-0.010137
	0.018127					
x703	-0.029009	0.016873	-0.002277	0.000568	-0.038612	0.019819
	-0.016630	-0.006494	0.003248	0.014907	-0.034128	0.048875
	0.041691	0.025292	-0.009767	-0.039048	-0.004691	-0.012695
	-0.001489	0.024781	-0.036142	-0.019080	0.025167	-0.028652
	0.054187	0.009462	0.014613	0.034619	0.075520	0.000370
	-0.037293					
y703	-0.010492	0.010071	-0.008170	0.013990	-0.007210	-0.013942
	-0.011850	0.008061	0.011509	0.015582	-0.047842	0.029162
	0.006916	-0.007024	-0.006352	0.001898	-0.012557	0.060479
	0.040234	-0.041087	-0.045482	0.033820	0.040940	-0.018020
	0.022399	0.014241	-0.030541	-0.006088	0.062377	-0.014548
	0.009818					
z703	-0.001638	0.018767	-0.017049	-0.057548	-0.001210	0.077159
	-0.000209	0.006505	-0.030421	0.000331	-0.000959	0.030046
	0.004212	-0.022670	-0.003855	-0.031591	-0.004185	0.002140
	-0.004667	0.006585	0.015444	0.010752	-0.010292	0.006075
	0.005940	0.032632	-0.041276	-0.038563	0.005413	0.005456
	0.030970					
x704	-0.030255	0.006287	0.007126	-0.008608	-0.049375	0.036759
	-0.013299	-0.000592	0.010560	0.009462	-0.016368	0.052953
	0.027288	0.050134	0.001713	-0.039006	0.011058	-0.029825
	-0.054210	0.051193	-0.015444	-0.043679	-0.010068	-0.052361
	0.030660	-0.018391	-0.000824	0.042190	0.051118	-0.011517
	-0.024845					

y704	-0.008433	0.010650	-0.005340	0.013652	-0.007900	-0.004835
	-0.001849	0.012868	0.018577	0.000356	-0.042367	0.024442
	-0.015212	0.011698	-0.000962	-0.013791	0.004127	0.049122
	0.009850	-0.043287	-0.030407	0.033477	0.039064	-0.015660
	0.002698	0.005729	-0.040982	0.002541	0.048114	0.000236
	0.034402					
z704	-0.001546	0.018555	-0.022938	-0.048067	-0.013485	0.061754
	0.008767	-0.011781	-0.017061	0.000656	0.000177	0.036874
	0.004594	-0.019943	-0.005450	-0.038572	0.012796	0.000280
	-0.043230	-0.024920	0.011156	0.034693	0.010890	0.004997
	-0.004901	0.017330	-0.058868	-0.045361	0.026693	0.022330
	0.019279					
x705	-0.025480	-0.001476	-0.005962	-0.014415	-0.054343	0.034899
	-0.008692	-0.005628	0.010473	0.035255	-0.013791	0.060946
	0.021347	0.055267	-0.010406	-0.024358	0.025691	-0.015013
	-0.076147	0.026950	-0.020649	-0.054855	-0.031508	-0.063945
	0.027858	-0.047068	-0.030675	0.045553	0.055757	-0.004362
	-0.011767					
y705	-0.003333	0.011210	-0.000020	0.006041	0.002840	0.015565
	0.003844	0.035643	-0.013459	0.000386	-0.032487	0.030794
	-0.025877	0.014154	0.003313	-0.009007	0.003327	0.023233
	0.028230	0.001420	-0.029808	0.007816	0.011262	-0.022387
	0.012030	0.027331	-0.020524	0.000610	0.014838	0.014696
	0.034591					
z705	-0.000309	0.019324	-0.009118	-0.043412	-0.017591	0.057248
	0.009731	-0.021404	-0.014530	0.002881	0.014375	0.024289
	0.008502	-0.009250	-0.018711	-0.026521	0.016914	-0.050489
	-0.046988	-0.007099	0.012862	0.012523	0.020276	0.021196
	-0.021396	-0.006884	-0.048831	-0.026310	0.014338	0.028664
	0.012132					
x706	-0.024483	-0.001914	-0.012134	-0.018814	-0.070224	0.047842
	0.020281	-0.013046	0.011940	0.047875	0.008900	0.025774
	0.027424	0.078411	-0.032975	-0.024079	-0.003140	-0.029360
	-0.086506	0.030440	-0.045403	-0.003104	0.012673	-0.031748
	0.027724	-0.062637	-0.013988	0.060410	0.011013	0.004132
	-0.011017					
y706	-0.002354	0.009780	-0.023460	-0.009607	-0.009493	0.066522
	-0.007602	0.038452	-0.016033	0.027070	-0.045565	0.031364
	-0.029272	0.004988	-0.012509	-0.045790	0.035269	0.047011
	0.016446	-0.008704	-0.049323	0.002548	0.015553	-0.028556
	0.008237	-0.013257	-0.056391	-0.009227	0.056072	0.029977
	0.049213					

z706	-0.000800	0.007233	-0.012393	-0.027003	-0.005064	0.051764
	0.010237	-0.015163	-0.024787	0.014339	0.013259	0.014688
	0.018560	-0.008259	-0.011949	-0.019403	0.000683	-0.024621
	-0.052072	0.005279	0.010888	0.019337	0.019135	0.023989
	-0.051111	0.017091	-0.055076	-0.051966	-0.010611	0.014719
	-0.008345					
x707	-0.028264	-0.024638	-0.041606	-0.076989	-0.072330	0.153406
	0.026887	-0.006272	-0.010483	0.032968	0.038796	-0.036951
	-0.011904	0.090227	-0.038986	-0.004186	0.042728	-0.002452
	-0.052958	-0.010785	-0.012520	0.047098	0.090560	0.001187
	-0.039778	-0.019604	-0.010145	0.000732	-0.053875	0.005201
	-0.011359					
y707	0.007151	-0.018456	-0.054652	-0.030249	0.025649	0.077763
	-0.001723	0.055368	-0.087300	0.059964	-0.064922	0.015371
	0.020414	-0.043392	-0.055884	0.028189	0.021419	0.096113
	0.070615	-0.006161	-0.062308	-0.004072	-0.017342	-0.014584
	-0.007709	0.077404	-0.034398	-0.062271	0.013601	0.040621
	0.013434					
z707	-0.002245	0.020859	0.011853	-0.050370	0.009423	0.051586
	-0.006199	-0.017712	-0.011809	-0.004201	0.044991	0.101959
	0.024856	-0.041039	-0.013462	-0.041565	-0.013467	-0.006824
	-0.013549	0.001010	0.050986	-0.003673	-0.038479	-0.007664
	0.022673	0.036250	-0.009590	-0.020768	0.084826	-0.032994
	-0.054746					
x708	-0.034690	0.016433	-0.014167	0.017706	0.014344	0.011530
	-0.007041	-0.009316	-0.042643	-0.005541	-0.023626	-0.010903
	0.028173	0.009315	0.008148	-0.024396	-0.028421	-0.035506
	-0.026197	-0.025365	-0.026026	0.014307	0.075345	-0.031523
	0.028591	-0.029940	-0.025642	0.055333	0.000163	0.002731
	0.011261					
y708	-0.004189	0.006473	-0.009562	0.006090	-0.001906	0.019564
	0.024894	0.020511	0.001969	0.010159	-0.014569	0.003834
	0.023962	0.015708	0.018658	-0.017565	-0.028176	-0.005612
	-0.006793	0.034709	-0.034466	-0.003988	0.003677	0.034624
	-0.017284	-0.009369	0.014895	-0.010353	0.002109	-0.003259
	-0.028154					
z708	0.006156	0.029604	0.013550	-0.007685	0.024188	-0.018339
	0.000521	0.016563	-0.004078	0.004503	0.015271	-0.026044
	0.066054	0.007167	-0.009301	-0.008262	0.041660	-0.022680
	0.010410	0.041375	-0.012401	0.026337	0.025657	-0.009238
	-0.008222	-0.015048	-0.012137	0.028752	-0.017181	-0.063144
	0.031997					

x709	-0.020727	0.004204	-0.008598	0.010971	0.015734	0.005446
	-0.015242	-0.022377	-0.006419	-0.005652	-0.010984	-0.032848
	-0.019830	-0.007748	-0.008029	-0.033032	0.008973	0.017131
	-0.005242	-0.032999	0.016766	0.021594	0.029304	0.008744
	0.029903	-0.022109	0.027622	0.039214	-0.029829	0.019884
	-0.005376					
y709	0.000486	-0.005504	-0.010043	0.001025	-0.001346	0.012910
	0.019785	0.023770	0.021177	-0.001549	0.000254	-0.006885
	-0.010975	0.006566	0.016916	-0.039057	-0.011542	0.018393
	0.003426	0.014051	0.008027	0.002604	-0.004863	0.016400
	0.003923	-0.017976	-0.012116	-0.017187	0.023367	0.020959
	-0.032343					
z709	0.016551	-0.000239	0.007134	-0.010423	0.001952	-0.020314
	-0.012027	0.001163	0.009422	0.005471	0.008424	-0.015317
	0.005867	-0.000753	0.007890	0.002938	0.050600	0.012972
	0.019567	0.011380	0.017671	0.011019	-0.036943	-0.000860
	-0.026098	0.012770	-0.000961	-0.004197	0.020157	-0.039366
	0.019165					
x710	-0.033671	0.004236	-0.002789	0.012011	0.001840	0.013030
	-0.004215	-0.022753	-0.039618	0.015677	-0.033013	-0.003780
	0.020486	-0.007838	-0.006076	-0.024657	-0.018153	-0.016360
	-0.009098	-0.019792	-0.020863	0.019068	0.041651	0.015675
	0.017324	-0.029525	-0.010189	0.035581	-0.042625	0.024491
	-0.009885					
y710	-0.005547	-0.004729	-0.008323	0.009287	-0.008903	0.013572
	0.021673	0.027350	0.007916	-0.004273	-0.014831	0.007042
	0.006225	0.010108	0.016802	-0.035527	-0.029602	0.000336
	-0.008388	0.002748	0.001089	-0.003807	0.005408	0.027047
	-0.004546	-0.006914	-0.011856	-0.035673	-0.001914	0.028297
	-0.033567					
z710	0.019798	-0.004159	0.004809	-0.015777	0.003708	-0.019036
	-0.012430	0.012513	0.015409	-0.001341	0.013387	-0.009536
	-0.001230	-0.012958	0.009290	0.003639	0.049437	0.016089
	0.028976	0.006796	0.028539	-0.001148	-0.037145	-0.008972
	-0.014239	0.004528	0.004643	-0.012117	0.003875	-0.040068
	0.007340					
x711	-0.031751	0.005691	0.005621	0.009537	0.000822	0.020779
	-0.002163	-0.023770	-0.054970	0.016627	-0.028975	-0.010095
	0.012333	-0.009236	-0.006682	-0.029276	-0.020176	-0.001525
	-0.017959	-0.028754	-0.012114	0.013385	0.033261	0.015712
	0.016574	-0.027073	-0.016640	0.028998	-0.029493	0.023145
	-0.009007					

y711	-0.008263	-0.002295	-0.003022	0.014462	-0.008203	0.009124
	0.018607	0.028241	0.000815	-0.009062	-0.017608	0.015187
	0.008406	0.014204	0.016379	-0.034112	-0.033486	-0.001580
	-0.016862	-0.009554	0.000493	0.001066	0.014697	0.031523
	-0.009253	0.002045	-0.005017	-0.040923	0.001290	0.031794
	-0.033729					
z711	0.018636	-0.003863	0.002175	-0.011989	-0.002976	-0.017794
	-0.000643	-0.011020	0.008518	-0.006114	0.015063	0.019488
	0.014874	-0.011190	0.017629	0.024167	0.020685	-0.001858
	0.018506	0.009680	-0.004899	-0.004980	-0.010436	-0.019217
	-0.007282	0.004588	0.006368	-0.003343	-0.006634	-0.038164
	0.009193					
x712	-0.031854	0.005948	0.013710	0.011806	0.004096	0.020435
	0.000612	-0.028656	-0.057655	0.020629	-0.031411	-0.021966
	0.010890	-0.014931	-0.013348	-0.028871	-0.024621	-0.001516
	-0.017528	-0.023447	-0.010568	0.003810	0.012873	0.021958
	0.015587	-0.020693	-0.015762	0.019238	-0.018005	0.015617
	-0.017442					
y712	-0.010917	0.001596	0.001825	0.018105	-0.003935	0.004797
	0.012274	0.032053	0.000489	-0.013332	-0.015873	0.021525
	0.006794	0.015252	0.009217	-0.031879	-0.035670	-0.007491
	-0.015286	-0.014588	0.001484	0.005358	0.020518	0.037133
	-0.013919	0.005788	0.004367	-0.034578	0.005737	0.025068
	-0.022934					
z712	0.017925	-0.002521	0.000399	-0.013026	-0.008117	-0.016798
	-0.000750	-0.012337	0.001215	-0.005322	0.018331	0.029270
	0.007927	-0.002416	0.010737	0.019132	0.019430	-0.003221
	0.023420	0.000643	-0.006848	-0.010851	0.003847	-0.021279
	-0.007333	0.006813	0.004440	0.000988	-0.002142	-0.028355
	0.030683					
x713	-0.030101	0.009176	0.022352	0.010722	0.008640	0.022718
	-0.000134	-0.026467	-0.053809	0.023888	-0.015733	-0.025330
	0.012660	-0.028769	-0.028355	-0.018755	-0.013846	-0.002115
	-0.010427	-0.033657	-0.004825	-0.016284	-0.007903	0.027788
	0.040829	-0.013187	-0.029675	0.026277	-0.020863	-0.014597
	-0.044939					
y713	-0.012851	0.005755	0.005173	0.019196	0.000508	-0.004673
	0.006196	0.034041	0.002066	-0.017787	-0.009179	0.031416
	0.007434	0.013038	0.001248	-0.030035	-0.028328	-0.011845
	-0.009667	-0.015522	0.003870	0.003443	0.023139	0.033971
	-0.013779	0.004543	0.006612	-0.026737	-0.000584	0.016889
	-0.028169					

z713	0.017378	0.001347	-0.001588	-0.011112	-0.006924	-0.014429
	0.000289	-0.005465	-0.002235	-0.008385	0.019061	0.039998
	0.010606	0.005740	-0.002244	0.019681	-0.003492	-0.013875
	0.026778	0.001616	-0.010678	-0.018778	0.022748	-0.025688
	-0.023257	-0.000638	0.015801	-0.010338	0.005840	0.005968
	0.060092					
x714	-0.029284	0.014429	0.028925	0.010455	0.014491	0.015838
	-0.000238	-0.015858	-0.055358	0.019522	-0.025262	-0.018192
	0.003248	-0.024251	-0.049392	-0.021092	-0.013801	-0.002582
	0.001998	-0.044162	0.010325	-0.022536	-0.021840	0.018998
	0.037341	-0.033927	-0.022650	0.029714	-0.027886	-0.001201
	-0.014860					
y714	-0.012256	0.007948	0.008980	0.018395	0.001406	-0.013451
	0.000807	0.027950	0.002789	-0.019365	-0.006999	0.039273
	0.003832	0.010734	-0.004572	-0.028776	-0.019112	-0.010095
	-0.002425	-0.015630	0.009641	-0.003266	0.022575	0.033969
	-0.012033	0.002141	0.003102	-0.020761	0.002884	0.016742
	-0.029602					
z714	0.011491	-0.000424	-0.005148	-0.007107	-0.012861	-0.000185
	0.001315	0.010916	0.007284	0.005792	0.023159	0.032900
	0.026556	0.005341	-0.001466	0.023823	0.001473	-0.029659
	0.031648	-0.007789	-0.013592	-0.036692	0.020908	-0.008993
	-0.015764	0.012649	-0.009350	0.015593	0.022466	-0.024273
	0.024133					
x715	-0.026050	0.015523	0.040769	0.004461	0.021812	0.006127
	0.003715	-0.023672	-0.060078	0.005637	-0.024261	-0.018920
	-0.016162	-0.017127	-0.044858	-0.014036	-0.031107	0.028946
	-0.005653	-0.038685	0.017764	0.005317	-0.006353	-0.002772
	0.019408	-0.051475	-0.007083	0.008382	-0.035703	0.021377
	0.025621					
y715	-0.010862	0.009183	0.013773	0.015280	-0.000038	-0.020510
	-0.006484	0.023497	0.007140	-0.023355	-0.005210	0.038314
	-0.003333	0.011604	-0.011082	-0.025669	-0.004236	-0.002406
	0.004076	-0.014060	0.019814	-0.002649	0.021357	0.036881
	-0.007830	0.001856	-0.010199	-0.008415	0.010749	0.010948
	-0.038265					
z715	0.008400	-0.004574	-0.003123	-0.006149	-0.008224	0.012340
	0.012611	-0.004605	0.008287	0.013409	0.026872	0.012301
	0.029310	-0.000464	0.015475	0.029167	-0.003406	-0.027108
	0.004469	-0.005178	-0.026169	-0.006285	0.024825	-0.003402
	-0.010112	0.028824	0.017342	0.007035	0.006422	-0.031900
	0.006246					

x716	-0.024403	0.017991	0.043292	0.000629	0.018416	-0.010701
	-0.012102	-0.020755	-0.066419	0.004569	-0.017381	-0.012040
	-0.022708	-0.024767	-0.061899	-0.031389	-0.002593	0.022871
	0.009917	-0.048840	0.041239	-0.035570	-0.020802	0.011257
	0.045555	-0.042076	-0.037643	0.001883	-0.030227	0.000526
	0.004769					
y716	-0.016071	0.006523	0.016233	0.013064	-0.001681	-0.026764
	-0.009136	0.030976	0.016012	-0.031026	-0.006309	0.024395
	-0.006951	0.010143	0.002178	-0.020862	0.004776	0.014352
	0.000095	0.013804	0.008723	0.027489	0.033916	0.030658
	-0.029077	-0.015404	-0.008454	-0.021722	-0.002060	0.028321
	-0.040364					
z716	0.006242	-0.005230	0.001469	-0.005744	-0.014176	-0.001329
	0.000715	0.012008	0.010300	0.014392	0.025238	0.013413
	0.020272	0.006472	-0.022852	0.004873	0.011333	-0.041587
	0.036988	0.009540	-0.019172	-0.004413	0.023135	-0.008397
	-0.022840	0.007468	0.000905	0.033915	0.025432	-0.004462
	0.048908					
x717	-0.059508	0.016416	0.060989	0.002808	0.044406	-0.037960
	-0.020563	0.018393	-0.029565	-0.049075	-0.065885	-0.027495
	-0.004258	-0.035086	0.007222	-0.049319	0.051962	0.044583
	0.029071	0.040901	0.026013	0.072768	0.076823	-0.033756
	-0.057445	-0.178643	-0.044902	-0.071747	-0.022013	0.068647
	0.059894					
y717	-0.019626	0.010310	0.014754	0.011847	-0.016236	-0.031381
	-0.027879	0.043121	-0.007664	-0.045198	-0.000947	0.043793
	-0.019245	0.018060	0.037930	-0.027369	-0.001847	0.000712
	-0.014635	-0.006244	0.020996	0.022532	0.035718	0.049728
	-0.014148	0.028791	0.017239	-0.030834	-0.023373	-0.021155
	-0.127204					
z717	0.000010	0.034898	0.012483	0.003275	0.029375	-0.017285
	-0.049180	-0.001994	0.012024	-0.021776	-0.042792	-0.002244
	0.023460	-0.071328	-0.023535	-0.041830	0.096665	0.017405
	0.058271	0.040773	0.024046	0.060538	0.081996	-0.031696
	-0.059304	-0.067237	-0.051893	-0.132396	0.042769	0.035661
	0.103438					

Phylogenetic mapping

Dataset: PC scores, CovMatrix, PD_All, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_PD_All

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.07547497

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: <.0001

Canonical Variate Analysis: CVA ...PD_All

Dataset: PD_All

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.57598524	59.104	59.104
2.	1.10231149	25.292	84.395

3. 0.68010747 15.605 100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	2.7784		
marine	2.7181	3.8810	
polar	4.4633	4.1155	5.9216

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	0.0038		
marine	0.0133	0.0016	
polar	0.0236	0.5789	0.0278

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0529		
marine	0.0530	0.0813	
polar	0.0924	0.0764	0.1126

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0213		

marine	0.0507	0.0004	
polar	0.0310	0.0810	0.0271

Canonical coefficients:

	CV1	CV2	CV3
x1	2.9553		0.4723
y1	-2.6230		-0.5257
z1	0.2129		-2.6483
x2	2.4710		-2.1830
y2	-3.1930		0.3558
z2	-0.1517		1.1225
x3	2.3050		-1.2231
y3	-2.7718		2.7509
z3	-1.4197		2.9502
x4	2.0280		-1.7887
y4	-2.8946		2.2988
z4	-0.8157		1.8943
x5	2.2789		-1.8236
y5	-2.5386		0.2263
z5	-1.9743		2.2751
x6	1.9058		-1.0120
y6	-2.6450		-0.3344
z6	-2.1993		2.2806
x7	1.8810		-0.9483
y7	-2.4637		0.9910
z7	-1.8808		0.5300
x8	1.7725		-0.2969

y8	-2.2470	1.5456	0.5554
z8	-1.8747	-0.5842	1.9052
x9	0.8862	1.7104	-2.0436
y9	-2.4217	2.0329	0.1306
z9	-2.3954	1.4728	1.6561
x10	1.2028	2.1467	-1.4772
y10	-2.5180	2.0734	0.9412
z10	-1.5427	0.8294	0.7650
x11	2.0685	2.3760	-1.3520
y11	-1.9137	-0.2700	1.6462
z11	-1.9356	0.1286	0.6999
x12	1.7799	2.7329	-0.4997
y12	-1.0428	0.6363	-0.5177
z12	-3.0613	1.1140	0.1914
x13	0.9317	1.5550	2.8481
y13	-1.2688	0.5826	-0.4706
z13	-3.5006	0.1601	1.0285
x14	0.4488	1.9633	3.3824
y14	-2.1094	0.9147	1.1984
z14	-3.0544	0.2973	-0.0562
x15	0.0264	1.9612	2.0295
y15	-1.5554	1.0415	0.7779
z15	-2.6340	0.8431	-1.0324
x16	1.6600	0.8234	0.9966
y16	-0.3155	1.2377	-1.7544
z16	-1.1905	0.5268	-1.3016
x17	1.7181	-1.7621	2.2955
y17	-0.6796	-0.2675	0.0750

z17	-0.5593	-0.7055	-0.9549
x18	1.3591	-1.3276	1.3596
y18	-0.4045	-1.0105	0.3683
z18	-0.1912	3.0596	-3.4095
x19	1.2385	-1.2810	0.7951
y19	-0.9115	-0.6135	-1.0879
z19	-0.1476	4.4602	-2.5525
x20	1.2959	0.6145	-0.2486
y20	-0.0475	0.5440	-2.7930
z20	0.3476	1.0072	-0.6305
x21	0.8082	2.8100	0.8864
y21	-0.4099	0.4625	-1.1793
z21	-0.1286	-2.1245	-0.1692
x22	1.3870	5.0424	0.3727
y22	-0.8441	-0.2243	-0.8711
z22	-0.3994	-1.5140	0.0084
x23	1.7543	4.5301	-0.0606
y23	-1.3316	0.3938	-0.4211
z23	0.0323	-2.4226	-0.3899
x24	2.2356	1.7973	-0.2911
y24	-1.5409	-0.7232	0.8554
z24	0.3908	-2.3428	-0.3021
x25	2.1798	0.7599	-1.0270
y25	-2.0814	-1.0552	1.8163
z25	-0.0601	-0.7530	0.1318
x26	1.8870	0.3503	-1.5592
y26	-2.6789	-0.8732	2.5800
z26	-0.2372	-0.4467	0.2356

x27	1.8629	-1.4529	-1.7929
y27	-3.4767	1.5640	2.4817
z27	-0.1129	0.4871	0.9777
x28	1.8901	-3.0374	-2.2632
y28	-3.7772	2.8962	1.4042
z28	-0.6482	1.4327	1.6913
x29	1.2100	-3.9949	-2.7908
y29	-3.8488	1.3467	3.0607
z29	-1.1632	1.5731	2.0660
x30	0.2820	-1.8119	-1.6548
y30	-2.3783	-0.8933	2.8509
z30	-1.9160	0.2183	2.2602
x31	0.5793	0.3116	-1.1168
y31	-0.2987	-3.3405	1.1271
z31	-0.4934	-2.1402	2.5290
x32	1.2417	1.2975	-0.2681
y32	0.6440	-4.5116	0.5185
z32	0.8228	-2.8700	3.0663
x33	2.1328	1.7067	0.3919
y33	0.3806	-2.9149	1.4457
z33	2.4253	-2.8996	2.0681
x34	2.4948	1.8354	0.8992
y34	0.1380	-0.0865	1.8797
z34	2.4743	-1.2687	1.6260
x35	2.4990	0.8494	0.6583
y35	-0.0221	0.5765	1.2923
z35	1.7490	0.5877	1.3076
x36	3.0070	-1.1931	-0.1245

y36	-0.0757	0.7619	-0.1682
z36	1.6705	1.6731	1.4550
x37	3.3465	-4.2888	-0.2503
y37	-0.6043	1.9903	-0.8570
z37	1.7407	0.6758	2.0103
x38	3.1017	-7.0131	0.2670
y38	-1.6962	3.6442	-0.4692
z38	2.0267	0.4421	1.4739
x39	2.8854	-6.2012	0.2989
y39	-2.8110	3.3958	-0.2210
z39	1.4108	0.5504	1.9303
x40	2.8745	-5.7215	-0.0656
y40	-3.3961	3.8825	-0.3937
z40	1.0425	-0.2595	2.3437
x41	2.7597	-5.6963	-0.4635
y41	-3.8114	3.3138	-0.1005
z41	0.5205	-1.1103	2.1845
x42	2.7514	-6.1312	-0.1728
y42	-3.7864	2.4401	0.7187
z42	0.8428	-1.4390	2.8219
x43	2.7077	-6.3952	-0.3086
y43	-3.9304	1.9809	0.5876
z43	0.7189	-0.4702	3.0218
x44	2.4177	-5.1314	-1.0584
y44	-3.1604	1.5781	0.5566
z44	0.6469	-0.3933	3.1794
x45	2.8355	-3.1058	-1.6423
y45	-2.4123	1.8444	1.1013

z45	1.2460	-0.2571	3.4125
x46	2.7731	-2.9926	-2.7781
y46	-3.4047	0.5358	0.1488
z46	-0.0171	1.1044	2.7354
x47	1.6437	-3.9506	-1.4557
y47	-2.9311	-4.8255	2.9761
z47	3.3765	-3.3145	-1.7843
x48	0.2203	-2.8927	2.1519
y48	-1.5010	5.4141	-0.7356
z48	-1.5089	1.2367	-1.4178
x49	-0.0556	-1.9435	2.1399
y49	-1.5926	2.9779	-0.1606
z49	-1.0805	0.9675	0.3155
x50	0.4479	-2.0323	0.8165
y50	-2.1091	6.2519	1.9294
z50	1.4069	1.8114	-1.5116
x51	0.0296	-2.6871	0.8327
y51	-0.1361	5.9078	-0.3548
z51	-0.9229	-0.8412	0.2978
x52	0.7079	0.2165	0.2472
y52	-1.8074	1.5893	0.2596
z52	-2.7826	-0.4643	1.1413
x53	1.3678	0.4638	-0.4977
y53	-3.4301	1.6636	1.7220
z53	-3.0856	-0.5748	1.9313
x54	1.5140	1.0819	-0.1574
y54	-3.8889	0.9596	2.1256
z54	-2.8757	-0.3591	2.7208

x55	1.3636	2.8864	-0.4821
y55	-3.9865	2.2506	2.2129
z55	-3.5525	1.7986	1.8241
x56	1.5025	2.8338	-0.8719
y56	-4.2658	3.3667	2.0250
z56	-3.3404	1.5160	0.8503
x57	1.8799	2.8228	-1.0318
y57	-3.8632	2.5939	1.6373
z57	-2.4179	0.2713	0.8951
x58	1.8961	4.0968	-0.7294
y58	-2.8960	2.3132	0.3520
z58	-3.2057	2.0109	2.4193
x59	1.9973	2.5483	0.0318
y59	-1.7720	0.9867	0.9631
z59	-2.1373	-0.3311	2.2492
x60	1.9163	2.0222	0.6347
y60	-1.0933	0.0787	1.0045
z60	-3.8715	-0.1212	4.2367
x61	2.0277	2.6922	0.2465
y61	-2.3988	0.4109	2.2159
z61	-3.8341	0.0980	6.5030
x62	2.5322	3.2060	-0.8307
y62	-3.0957	0.7979	2.7948
z62	-2.6068	-0.9590	3.9582
x63	2.5191	3.2261	-0.9421
y63	-3.5448	0.2739	3.6940
z63	-2.7667	1.4206	1.4891
x64	1.7263	2.6279	1.1907

y64	-2.7959	2.9624	-0.4138
z64	-3.2403	2.5297	2.0585
x65	1.6011	1.3735	4.1569
y65	-2.3008	2.3363	1.6802
z65	-1.4233	0.8728	2.7428
x66	2.2527	1.2852	3.6678
y66	-2.1661	-0.4977	4.5507
z66	-1.7623	1.9069	-1.2738
x67	2.5791	1.7537	1.8626
y67	-1.0233	0.6085	-0.2564
z67	-1.7850	0.7662	-2.1966
x68	2.3865	2.4377	1.0412
y68	-1.1950	2.5492	-2.6127
z68	-1.2150	-0.0734	-0.1149
x69	2.6919	2.3988	0.7935
y69	-1.1845	-0.7654	0.0446
z69	-0.5508	-0.0415	1.1315
x70	2.9272	2.9491	0.4601
y70	0.0827	0.9449	-2.6380
z70	-1.2899	-0.0809	0.3347
x71	2.2953	2.9854	2.5693
y71	-2.0771	-0.4431	2.1547
z71	-3.0395	2.0076	2.6509
x72	2.5410	2.8163	2.1604
y72	-0.8796	0.4869	-0.6800
z72	-1.3718	1.2055	0.0615
x73	3.1456	4.3301	-0.3309
y73	0.2691	2.5659	-0.0716

z73	-2.7508	0.7575	3.1274
x74	2.6013	4.1941	-0.6347
y74	0.7350	-0.2787	0.4253
z74	-2.4210	0.8001	2.6044
x75	1.7850	3.9827	1.2143
y75	-0.5095	-0.9875	0.5942
z75	-1.3624	-1.2929	3.1484
x76	1.3680	3.6102	1.4506
y76	-0.4260	-1.5163	-0.9493
z76	-0.9167	-3.4398	5.6815
x77	1.7576	2.8752	1.3307
y77	-0.4151	-2.9611	0.4032
z77	-1.0701	-2.2532	4.9516
x78	1.9416	1.4071	2.3076
y78	-1.0920	-2.8808	0.3624
z78	-1.3939	0.7722	2.3491
x79	1.9578	0.7974	2.8346
y79	-1.3841	-2.6849	-0.0550
z79	-1.3086	1.2516	0.8369
x80	1.7603	0.4564	2.5008
y80	-2.1493	-2.6842	-0.8506
z80	-1.4005	-0.0459	0.7784
x81	2.0847	0.3790	1.8590
y81	-2.2161	-1.6470	-2.4703
z81	-1.2811	-0.5217	1.1537
x82	2.6818	-0.1225	2.0202
y82	-1.5623	-1.4030	-2.0295
z82	-0.9030	-1.4980	1.6704

x83	2.9366	-1.7309	1.8824
y83	-2.4890	-1.3552	-1.4998
z83	-0.7444	-1.9921	0.9429
x84	3.0395	1.9375	-1.7777
y84	2.9054	2.9346	-0.7654
z84	0.0679	-3.4111	0.5627
x85	0.2655	-1.8068	-1.1369
y85	3.4207	2.9605	-1.7314
z85	0.5263	-3.8502	-0.1324
x86	-0.6869	-0.5733	-1.8251
y86	3.3199	3.4921	-1.1671
z86	0.0574	-3.3786	1.1605
x87	-0.4535	-0.5296	-0.6342
y87	2.9538	2.3921	0.1649
z87	-0.7302	-3.1639	2.1674
x88	0.1048	-1.1955	-0.1845
y88	3.0023	1.7530	-0.5258
z88	-0.5465	-1.1100	-0.1640
x89	0.5200	-0.9368	-1.6387
y89	3.0425	1.9519	-1.9514
z89	-0.9223	-1.1082	-0.2848
x90	0.1720	-0.7623	-0.0349
y90	2.5062	1.8650	-1.2244
z90	-1.3302	-0.0693	-0.3846
x91	0.1991	-1.0388	1.1119
y91	2.3992	1.0887	-1.0072
z91	-0.9102	0.7513	-1.4241
x92	-0.1583	-0.2752	1.6218

y92	2.3749	0.9635	-1.4336
z92	-1.2933	-0.2898	-0.8183
x93	0.9408	-0.0134	0.9437
y93	2.3165	2.1415	-1.5964
z93	-0.3379	-1.3705	-0.9021
x94	-0.8289	1.7537	0.9710
y94	1.3428	1.7621	-0.3370
z94	-1.9080	-0.7223	0.6096
x95	-0.7639	1.9688	1.1320
y95	0.6337	1.2455	0.4230
z95	-1.7146	-1.3621	1.0326
x96	0.5360	0.9299	0.2472
y96	0.6932	1.8307	0.6079
z96	-1.3188	-0.5667	1.4873
x97	0.7556	0.6357	0.1258
y97	1.7898	0.8485	-0.2316
z97	-0.4881	-0.2911	-0.0773
x98	1.6912	0.0252	-0.8268
y98	1.6354	0.0568	-0.0299
z98	-0.9068	-0.5121	0.3835
x99	0.9913	-0.2330	-1.0388
y99	0.8652	0.0396	0.6413
z99	-1.2922	-0.0579	0.4036
x100	0.8022	-0.1375	-0.2774
y100	0.7536	-0.4141	1.1676
z100	-1.0033	-0.6540	-0.0164
x101	1.1002	0.1155	-1.1919
y101	0.7126	-0.4898	1.2378

z101	-0.7377	0.3125	-0.2898
x102	1.5493	0.1636	-1.8973
y102	0.8610	-0.9736	1.8287
z102	-1.0677	1.6890	0.1834
x103	-0.0548	-1.3021	0.1632
y103	1.0935	-0.9769	0.6311
z103	-1.7083	2.1124	0.5528
x104	-0.2475	-3.1850	0.0236
y104	0.7921	-1.2035	1.0072
z104	-0.8402	2.4807	-0.5133
x105	0.6361	-4.1998	-0.8555
y105	-0.1178	0.4661	1.2689
z105	-1.1988	3.8368	-0.4338
x106	0.1376	-1.7977	-0.8814
y106	0.6999	1.1750	-0.9818
z106	-1.2572	4.9331	-0.1876
x107	-0.4260	-0.1298	0.1214
y107	0.7033	-0.7840	-1.5095
z107	-1.5662	3.6630	-0.0444
x108	-0.5543	-1.5485	1.2638
y108	0.4877	-2.4964	-0.7887
z108	-1.2443	0.4473	-0.3982
x109	0.0305	-1.0877	0.4422
y109	-1.0260	-1.7405	-0.4127
z109	-1.7731	-0.1813	-0.8061
x110	0.3112	-0.0640	1.5471
y110	-0.9741	-2.3450	-0.6652
z110	-2.0447	0.1248	-0.9476

x111	0.9718	1.2605	1.4545
y111	-1.1339	-1.6650	-0.8432
z111	-1.8511	0.2160	-1.6810
x112	1.1012	0.9338	1.8298
y112	-1.6637	0.0532	-1.3275
z112	-0.9563	-0.2265	-1.4158
x113	0.8533	0.7033	2.7097
y113	-1.7625	0.4354	-0.9964
z113	-0.7495	-0.3150	-0.4939
x114	1.2145	-1.0170	2.7154
y114	-1.9256	2.5711	-1.4543
z114	-0.3879	-0.2205	-0.4812
x115	2.7130	-3.2694	1.8702
y115	-1.9383	3.5400	-1.4900
z115	0.7185	-2.5001	0.5232
x116	4.0824	-4.5279	0.6076
y116	-0.8872	2.3885	0.4420
z116	1.8429	-4.3116	0.0132
x117	4.0920	-4.1833	1.0022
y117	-0.3472	0.6324	0.2554
z117	2.8466	-6.1231	-0.6115
x118	3.1855	-2.8260	1.6669
y118	1.7428	-1.5876	0.6170
z118	3.8962	-6.6065	-2.2324
x119	2.2585	-1.5882	1.9294
y119	3.2460	-3.1186	1.8229
z119	2.5679	-6.8842	-0.5659
x120	-0.0358	-0.3373	1.9382

y120	4.9284	-3.8144	2.4000
z120	1.5910	-5.8841	-0.9508
x121	0.7609	0.0685	1.6781
y121	4.9321	-2.8965	0.9808
z121	1.4662	-4.5335	-2.5246
x122	1.7902	1.2416	1.6490
y122	4.0583	-2.5204	1.4678
z122	1.2652	-3.9742	-2.2397
x123	2.4512	0.6319	0.6612
y123	3.3595	-1.2740	1.6988
z123	0.9661	-3.5398	-2.1984
x124	2.8932	-0.7723	-0.3655
y124	2.6634	1.1726	1.5033
z124	1.1153	-3.2731	-2.6749
x125	2.8673	-2.2039	-0.7090
y125	2.3542	2.5871	0.6156
z125	1.5535	-2.8291	-2.2745
x126	2.5772	-3.3605	-0.6773
y126	2.1610	3.0824	-0.3258
z126	2.0957	-1.8999	-2.5091
x127	1.7563	-4.2958	-0.2510
y127	2.4428	2.8787	-1.3458
z127	1.9246	-1.4274	-2.6843
x128	2.9431	1.1388	-1.1098
y128	3.1613	2.6478	-0.4264
z128	0.6849	-4.4284	-0.9854
x129	2.1320	-2.0982	0.7882
y129	0.0471	0.1633	1.2420

z129	2.4487	-3.5662	-1.7775
x130	-0.0216	-1.9857	0.1043
y130	-0.2899	1.0315	-0.4347
z130	1.0429	-4.8970	1.9275
x131	-1.1871	-1.1417	-1.0535
y131	0.9538	3.3679	-1.7191
z131	1.2507	-2.7832	0.5522
x132	-1.2135	-0.5081	-0.8312
y132	1.4752	4.3816	-1.0024
z132	-0.0073	-1.0868	1.5944
x133	-0.1116	-1.8355	-0.0609
y133	0.9475	4.5796	-0.8222
z133	-0.4583	-0.0037	2.0487
x134	-0.5284	0.1405	-1.2157
y134	0.7462	2.1568	-0.3489
z134	-1.3390	2.8095	1.8076
x135	-0.5879	0.0612	-1.0569
y135	1.0727	1.4189	-1.7815
z135	-2.8606	5.1536	1.3352
x136	-0.2410	-0.0754	-0.6867
y136	2.8009	0.2288	-2.3195
z136	-2.0729	3.8734	1.4974
x137	0.2669	-2.7397	-1.4070
y137	2.7349	-0.5914	-2.6660
z137	-2.4311	3.3545	0.9758
x138	1.5672	-1.8214	-1.2601
y138	3.3560	-4.1800	-1.9000
z138	-1.7290	1.3873	0.4620

x139	1.2867	-0.7432	-0.9174
y139	2.0919	-3.3516	-0.4193
z139	-0.0614	-1.1077	0.3377
x140	-0.0424	-0.8576	1.1443
y140	1.8063	-2.1818	-0.7545
z140	-1.3307	-0.7144	1.1467
x141	0.0178	-0.1386	1.2536
y141	3.4924	-1.8127	-3.1225
z141	-2.3825	-1.3203	1.3699
x142	0.6745	0.0486	0.2401
y142	3.4149	-0.9012	-2.4598
z142	-1.5897	-0.4361	0.8403
x143	0.7616	1.9688	0.0459
y143	3.3387	-1.5384	-0.8579
z143	-1.2883	0.6869	0.3570
x144	0.5853	1.8133	1.3894
y144	2.1713	-1.0291	-0.4584
z144	-1.8317	-1.8915	1.6915
x145	-0.8970	-0.7629	2.8090
y145	3.1342	-1.2528	-0.7683
z145	-1.6732	-2.5329	3.8198
x146	0.2600	-1.1046	2.9697
y146	4.1364	-0.1123	-2.4280
z146	-0.5005	-1.0704	1.7276
x147	-0.1225	1.2086	2.2719
y147	3.8171	-0.1123	-1.3080
z147	-0.1170	-0.2182	-1.4039
x148	0.6944	0.4458	0.7618

y148	2.4412	-2.8766	0.8028
z148	-0.7815	-0.7326	0.5328
x149	0.8653	0.2872	0.5836
y149	0.9196	-2.4411	1.8572
z149	-1.1343	-1.1183	1.1696
x150	1.1385	-0.9414	0.9932
y150	0.3762	-1.0293	1.6635
z150	-2.5147	1.7556	1.2393
x151	0.2449	2.3543	1.0034
y151	0.1899	-1.8131	1.2962
z151	-2.5243	3.1557	-0.4059
x152	0.0938	4.8722	-0.0945
y152	-0.3559	-1.7701	1.4137
z152	-3.6337	6.2463	0.6161
x153	0.8965	3.8062	-1.9322
y153	0.5311	-3.3577	2.0351
z153	-3.4169	2.7609	2.7278
x154	0.9559	0.3572	-0.7972
y154	1.9726	-3.1684	1.2413
z154	-2.7682	-0.6984	4.8686
x155	1.0969	-0.8475	0.7987
y155	2.8350	-1.8288	-1.4659
z155	-1.4222	2.0342	1.8021
x156	-0.3934	-0.1330	2.7159
y156	2.0316	-2.5364	0.3734
z156	-2.6338	3.4964	2.0770
x157	0.0191	-0.4093	0.9295
y157	1.3930	-1.6110	1.6478

z157	-2.0980	3.1352	1.3610
x158	-0.1931	0.3007	-0.7141
y158	0.8579	-0.8846	1.8303
z158	-1.8474	2.3790	0.0757
x159	0.8259	-0.3331	-2.1002
y159	0.3291	0.4308	0.4930
z159	-1.9284	0.2209	2.3921
x160	0.6948	-1.8694	-0.0528
y160	-0.6607	0.0449	1.3823
z160	-1.6682	0.3354	1.4136
x161	0.1871	-2.5038	1.0811
y161	-0.2762	-0.1771	0.8387
z161	-2.7739	-0.2365	2.1335
x162	-0.5721	-1.4079	1.2804
y162	-0.7507	-0.8070	0.6850
z162	-2.6980	-0.6130	0.7711
x163	-1.0645	-0.5300	1.1590
y163	-1.3367	-1.3208	0.4654
z163	-1.6697	-0.8985	0.6954
x164	-0.3781	-1.2437	1.1668
y164	-2.0510	-0.8862	0.3285
z164	-0.4347	-1.4321	0.2054
x165	2.9366	-1.7309	1.8824
y165	-2.4890	-1.3552	-1.4998
z165	-0.7444	-1.9921	0.9429
x166	-0.9177	-1.2162	-1.7752
y166	-1.5276	4.3735	0.3127
z166	0.7300	-0.7273	-0.2797

x167	1.7412	0.2485	-1.8705
y167	-1.3855	1.8947	-0.2788
z167	0.3669	-2.6644	-0.1973
x168	-1.2782	1.1547	0.2432
y168	-0.2734	1.2964	-2.1073
z168	0.3129	-3.8077	2.6161
x169	-0.3728	1.8624	1.1348
y169	-0.8720	2.0360	-3.3050
z169	-0.2484	-5.1846	3.4735
x170	-0.8072	1.3709	0.6556
y170	-1.2710	2.4330	-2.5224
z170	-0.3326	-4.0047	0.5338
x171	-1.7535	3.3092	-0.3018
y171	-1.4589	0.8774	-1.3456
z171	0.5707	-2.8482	-0.7623
x172	-1.3708	2.2418	-0.8933
y172	-1.9775	1.3754	-0.7594
z172	0.8958	-2.6055	-0.8343
x173	-1.2422	2.2235	-0.9191
y173	-1.4362	-0.5128	-1.0126
z173	0.2518	-1.1676	-0.8118
x174	-1.0006	2.8370	-0.8048
y174	-1.4781	0.2998	-1.1024
z174	-0.0867	-1.2018	-1.1861
x175	0.1554	1.5166	-1.9785
y175	-0.6719	-0.8735	0.1247
z175	-1.8142	-0.3553	-0.2677
x176	-0.5733	0.6514	-1.6295

y176	-0.2514	-1.1412	-0.0128
z176	-1.8060	-0.0062	0.4783
x177	-2.3798	3.2501	-0.5014
y177	0.2643	-2.4707	-0.3203
z177	-1.1700	-0.0218	-0.2773
x178	-3.2058	3.8701	0.3854
y178	-0.5398	-1.2706	0.1361
z178	-0.3051	-1.0845	-0.9594
x179	-1.3381	2.5893	-1.2421
y179	-1.7552	0.0365	0.9436
z179	-0.9797	-0.8442	-0.0263
x180	-1.1674	1.0148	-1.2247
y180	-0.7134	-0.4305	-0.1096
z180	-1.3348	-0.9031	0.7101
x181	-0.8243	0.3052	-0.8118
y181	-0.2441	-1.0681	-0.9745
z181	-1.7016	-1.0110	0.6668
x182	-1.7323	0.3428	0.2523
y182	-0.5065	-0.1972	-0.9334
z182	-0.6601	-2.1166	-0.5515
x183	-2.2720	-1.3777	0.3202
y183	0.7485	-0.7439	-0.6855
z183	-0.4805	-1.6964	-0.7611
x184	-2.8646	-0.6236	0.3329
y184	0.9582	-2.2533	-0.2788
z184	-0.3467	-0.9050	-0.1559
x185	-2.5053	0.5654	0.4862
y185	0.5029	-1.8277	-1.1387

z185	0.0902	-2.6090	-0.1755
x186	-1.0475	0.2544	-0.4384
y186	1.3482	-1.1299	-0.0591
z186	0.6518	-2.9056	-1.6283
x187	-2.2158	0.1031	-0.2885
y187	0.7172	-1.3996	1.2042
z187	1.1636	-3.9104	-0.6480
x188	-1.6217	-1.6002	-0.7437
y188	1.4987	-0.4695	-1.0704
z188	1.3452	-3.4559	-0.4644
x189	-1.6705	-3.0411	0.5983
y189	1.3457	-0.0813	-2.1071
z189	1.7485	-1.9620	-2.8771
x190	-1.5945	-1.8943	0.1876
y190	1.3720	-2.6622	1.8025
z190	1.8587	-3.4326	-2.8740
x191	-0.6516	-2.1772	-1.3963
y191	0.7357	-1.8540	2.8700
z191	0.8807	-5.4057	-0.5955
x192	-0.0717	-2.8627	-1.6625
y192	0.6812	-1.1122	3.1228
z192	0.5012	-5.1132	-0.0166
x193	0.0298	-2.5206	-1.2106
y193	1.0260	1.0194	2.6833
z193	0.7167	-4.9697	1.3605
x194	0.6767	-3.2341	-1.7126
y194	1.1396	3.2194	2.1580
z194	1.8494	-4.6767	1.8458

x195	0.4729	-3.0190	-1.0451
y195	0.8620	3.6645	2.4870
z195	3.0786	-4.7451	1.8575
x196	0.7290	-2.1581	-0.5329
y196	0.2930	3.4572	2.5845
z196	3.8288	-4.5641	1.6745
x197	0.4790	-0.9598	-0.4639
y197	0.5158	3.1527	2.7820
z197	4.0492	-3.0464	1.0526
x198	0.2986	0.1515	-0.1702
y198	1.0027	3.2895	2.9496
z198	3.5431	-1.3002	0.7183
x199	0.1914	1.1264	-0.0124
y199	1.6078	2.3310	2.7343
z199	3.0268	-0.1672	0.4896
x200	-0.1008	1.1359	-0.1896
y200	2.2377	1.2800	1.9409
z200	2.3765	1.1742	-0.2343
x201	-0.4202	0.2112	0.0986
y201	1.0882	-1.1723	3.2812
z201	1.8853	2.7016	-0.5892
x202	0.3364	-1.4901	1.1149
y202	-0.3029	-2.1904	3.3740
z202	0.7211	4.2015	-1.2161
x203	0.3277	-1.4939	1.8736
y203	0.3208	-0.8313	1.4024
z203	0.4350	4.7172	-1.6600
x204	1.2802	-2.1985	2.1723

y204	0.3857	-0.3256	0.9938
z204	1.0856	4.5546	-1.5081
x205	1.9267	-3.0880	2.8700
y205	0.4510	0.2031	-0.2746
z205	1.4745	3.1738	-0.5296
x206	2.0718	-2.3123	2.0720
y206	-0.0521	-0.0822	-0.5044
z206	2.0295	2.4816	-0.6124
x207	2.2308	-0.4707	1.1344
y207	-0.5698	-0.0158	-0.4989
z207	2.7644	2.3847	-0.5839
x208	2.0604	0.7993	0.3757
y208	-0.6872	-0.3243	-0.3098
z208	3.1249	2.5320	-0.9502
x209	2.4158	0.1308	0.3603
y209	-0.5637	-0.8622	0.1045
z209	3.6865	1.7905	-1.4423
x210	2.6875	-1.2699	0.7168
y210	-0.7417	-0.2489	-0.2906
z210	4.2216	0.1895	-1.4737
x211	1.9407	-2.2147	-0.0866
y211	-1.0526	-0.1520	-0.5354
z211	4.1684	-0.6966	-1.9922
x212	1.1920	-1.2246	-1.2287
y212	-1.7386	0.2242	-0.0646
z212	4.4812	-1.5475	-1.8989
x213	1.6013	-1.6236	-1.2097
y213	-1.0768	0.3427	0.3805

z213	3.4887	-2.6860	-1.3457
x214	2.8455	-2.3806	-1.3584
y214	-1.0129	1.2492	0.2018
z214	2.3936	-3.0468	-0.4008
x215	3.9565	-3.4629	-0.7556
y215	-0.9276	2.4312	0.1232
z215	1.0594	-2.8517	0.2747
x216	3.5568	-3.2398	-0.1430
y216	-0.2482	4.9186	-0.3701
z216	0.5769	-2.7870	-0.1956
x217	0.9830	-3.8041	0.4719
y217	-0.7386	4.2630	0.7550
z217	0.3335	-1.6473	-0.3406
x218	1.4467	-2.9638	0.6038
y218	-0.6765	4.1260	-0.3738
z218	-0.4166	-2.6613	-0.5266
x219	-0.6274	-1.8293	-0.8474
y219	-2.1190	4.0769	0.3688
z219	2.1433	-1.8161	-1.3009
x220	-2.5011	-1.2691	-2.8218
y220	0.2325	0.2692	-0.2351
z220	0.8041	0.1954	-1.0969
x221	0.1152	-2.2941	-1.6697
y221	-0.6589	-1.5534	-0.1419
z221	1.2965	-0.5159	-1.5176
x222	0.0797	-2.6379	-0.5712
y222	-0.6678	-1.8656	-2.2250
z222	0.9504	-0.0637	-1.0569

x223	-1.4197	-0.3371	-2.4199
y223	-0.6268	-2.1737	-2.5745
z223	1.2224	-0.8199	0.5754
x224	-1.0670	0.2317	-1.6098
y224	-0.1023	-3.6159	-1.1913
z224	1.1655	-1.1945	0.9778
x225	-0.7066	0.1299	-0.9226
y225	-0.5900	-2.8855	-0.1935
z225	1.2567	-2.3609	1.7827
x226	-0.6218	0.2494	-1.4254
y226	-1.1025	-1.2507	-0.4502
z226	1.1247	-3.0678	2.0244
x227	-0.3592	0.5657	-1.1917
y227	-1.0470	-0.9677	-0.7234
z227	1.0893	-2.8900	1.1780
x228	1.2730	-0.3345	0.4354
y228	-0.5593	-3.0851	-0.5343
z228	0.9153	-2.4901	0.3336
x229	-0.3140	0.7337	1.5445
y229	-0.5635	-2.8736	0.3982
z229	0.7102	-3.0276	0.5054
x230	-0.6302	1.6809	0.9754
y230	-0.7698	-0.4358	-0.7113
z230	0.6949	-3.2635	-0.3299
x231	-0.9061	2.0127	-0.6579
y231	-1.4490	0.7213	0.1623
z231	1.1477	-2.3814	-1.2919
x232	-1.4390	1.7966	-0.1755

y232	-0.9454	1.1988	-0.7656
z232	1.1409	-2.0834	-1.1231
x233	-1.3573	1.5607	0.0247
y233	-0.0869	-0.1125	-1.1678
z233	1.4429	-1.4413	-1.6084
x234	-1.0941	1.5670	-0.1793
y234	-0.1890	0.0182	-0.3926
z234	1.7692	-1.8033	-2.2394
x235	-1.6455	-0.5624	0.0641
y235	-0.0592	-0.3138	-0.7012
z235	1.5957	-1.0425	-1.7186
x236	-1.7744	0.7706	0.2535
y236	-0.2731	-1.2317	-1.2628
z236	0.7428	0.1167	-1.2158
x237	-1.7665	0.7224	-0.2266
y237	0.7113	0.1379	-1.5344
z237	0.8970	-0.0562	-1.5335
x238	-2.4935	-0.7523	0.6514
y238	1.2110	-0.9060	-1.2796
z238	1.7154	-0.8027	-2.0999
x239	-1.7369	-1.2150	0.9803
y239	1.1192	-0.6467	-1.5063
z239	1.0990	-0.7365	-1.8059
x240	-2.0974	0.0453	0.5649
y240	1.0281	-1.4549	-1.7713
z240	1.6181	-0.2286	-2.0100
x241	-1.8910	1.5693	-0.1414
y241	0.7894	0.0945	-1.7979

z241	2.2461	-1.0349	-2.0586
x242	-1.8551	0.8600	0.9912
y242	1.6866	-0.5536	-2.3184
z242	1.8658	-0.3732	-1.8608
x243	-1.6521	0.4623	2.5115
y243	1.3475	0.2904	-1.9051
z243	2.0289	-0.7152	-2.3608
x244	-1.9859	1.2183	1.0954
y244	2.1447	0.1398	-1.1106
z244	1.9375	-1.2595	-2.1225
x245	-1.7683	-0.8355	0.8766
y245	2.3507	0.4076	-1.3515
z245	2.2112	-1.6582	-1.4809
x246	-1.7281	-1.5434	1.5322
y246	2.2012	0.2391	-1.2672
z246	2.5354	-1.2395	-1.3245
x247	-1.0971	-1.4617	0.6856
y247	2.4805	-0.2570	-0.4223
z247	2.5173	-1.5498	-0.8539
x248	-0.9724	-1.5333	0.3263
y248	2.6533	1.5871	-0.8406
z248	2.7001	-1.8367	-0.5917
x249	-0.6025	-3.0040	0.6735
y249	2.8507	2.3362	-0.9754
z249	2.6901	-2.1930	-0.5576
x250	-0.4497	-3.5427	0.7154
y250	2.8575	2.0321	-0.1596
z250	2.7883	-1.6670	-0.7371

x251	-0.2868	-3.0865	-0.0692
y251	2.6110	1.9249	0.3341
z251	3.1038	-1.1131	-0.5151
x252	-0.4871	-2.7936	0.2769
y252	2.0789	3.1351	-0.2346
z252	3.0332	-1.4884	0.0707
x253	-0.3330	-3.7174	0.2845
y253	1.7026	4.1868	0.2087
z253	3.1823	-2.2415	-0.0728
x254	-0.3100	-3.9134	0.0069
y254	1.2092	4.6004	-0.0436
z254	3.1271	-2.7896	-0.0923
x255	0.4713	-3.9372	-0.5013
y255	0.8175	5.3689	-0.1036
z255	3.1585	-3.3293	-0.0713
x256	4.1797	-7.9765	-2.4226
y256	2.9286	3.5288	-1.0049
z256	1.5522	-1.7689	0.3419
x257	1.3564	-1.4266	-3.1712
y257	-6.9081	-7.9856	7.5680
z257	3.6797	2.5129	-3.9621
x258	-1.6904	-3.6185	2.4677
y258	-0.2306	-0.8018	2.1692
z258	2.7476	5.5601	-2.4757
x259	-1.2603	-4.4308	1.8044
y259	0.9700	0.1122	0.6920
z259	2.9465	5.1462	-2.0159
x260	-1.5892	-4.5186	0.6738

y260	1.2329	0.3089	0.6606
z260	3.4628	4.4660	-3.2959
x261	-2.3642	-1.6363	0.4958
y261	1.8731	1.0292	0.5671
z261	3.1872	5.0793	-2.8226
x262	-2.3420	1.2162	-0.6125
y262	1.9679	2.8332	0.3363
z262	2.9508	5.6057	-2.3169
x263	-1.7685	0.8804	-1.0636
y263	2.0494	1.8393	-0.9211
z263	2.7879	4.2617	-1.7890
x264	-1.6260	1.0378	-0.7317
y264	2.3116	-0.4250	-1.9784
z264	2.4445	4.1637	-0.7208
x265	-1.0728	0.0045	-0.5059
y265	2.8933	-1.5514	-3.2560
z265	2.4349	4.3801	0.2488
x266	0.9234	-3.4315	-0.4334
y266	2.9560	-1.2570	-3.7745
z266	2.2739	5.7132	1.0902
x267	0.5030	-1.2647	-0.6971
y267	1.3737	3.6556	-2.8787
z267	1.3382	8.1606	1.6301
x268	-0.4382	2.5767	-0.8173
y268	-0.3685	9.0370	-1.6877
z268	1.6224	8.7692	2.4111
x269	-0.3667	3.1834	-0.3663
y269	0.8011	2.9540	-2.4221

z269	-0.4969	15.5535	4.1872
x270	1.3353	-2.6310	0.1180
y270	-0.9088	4.3326	-2.4268
z270	0.5404	12.2251	4.6814
x271	-1.1075	5.6883	-0.6374
y271	-2.3338	5.2027	-1.6366
z271	3.7340	2.1308	2.9588
x272	-2.5768	8.9946	-1.3978
y272	-2.3094	0.3304	-1.2974
z272	4.2789	0.1314	2.3710
x273	-3.1484	9.2312	-0.1904
y273	-1.9562	-0.2483	-1.3554
z273	4.5470	0.9905	2.0175
x274	-4.5019	11.1372	-1.3783
y274	-2.1599	-3.2934	0.9475
z274	3.5676	3.8260	2.4518
x275	-3.5941	8.0151	-2.3771
y275	-2.7668	-3.3980	1.2095
z275	1.9860	3.9911	2.6545
x276	-3.8076	5.2295	-2.8713
y276	-1.6076	-1.1760	0.9246
z276	3.1351	2.8357	3.1304
x277	-3.7166	3.8478	-2.0797
y277	0.5712	-1.9669	1.3169
z277	4.5763	3.3235	3.0937
x278	-3.7489	3.5766	-1.5886
y278	0.9852	-1.2268	1.2110
z278	4.3738	2.0602	3.6048

x279	-1.7248	3.2867	-1.7737
y279	0.0235	2.7865	1.8779
z279	4.9114	1.6305	3.8588
x280	-1.2273	2.7651	-0.6036
y280	-0.3476	3.5774	1.8626
z280	5.2426	1.2037	3.5389
x281	-0.8727	1.4372	-0.2317
y281	-0.0937	1.2593	1.6376
z281	4.5478	0.0928	3.0453
x282	-0.2628	2.6437	-0.1114
y282	0.8267	-1.4837	0.0980
z282	3.9157	0.0708	2.2999
x283	-0.3798	3.6699	0.2453
y283	0.6040	-2.4502	-0.2400
z283	3.8432	-0.5841	1.3525
x284	-0.3027	2.6100	-0.1698
y284	-0.2955	-1.9194	-0.6024
z284	4.1884	-0.9976	0.4965
x285	0.4741	0.7439	-0.5760
y285	0.2660	-0.9396	-0.8180
z285	4.0544	-0.0827	0.9033
x286	0.4847	1.3519	-0.3657
y286	0.3898	-2.2690	-1.0007
z286	2.4832	0.2160	1.1894
x287	-0.3973	-0.0983	-1.1560
y287	1.0266	-1.6089	-0.5834
z287	1.3940	-0.8198	0.7456
x288	-0.6435	-0.8736	-1.5400

y288	1.3234	0.1035	-0.6420
z288	1.2479	-1.8060	0.6961
x289	0.2283	-1.0126	-0.8061
y289	-1.5085	0.2366	-0.3025
z289	1.1670	-2.4072	-0.0633
x290	-0.7224	-1.5522	-0.8088
y290	-3.9466	1.8105	-0.6446
z290	-0.1622	-0.7500	-0.7969
x291	-2.2108	2.5482	-2.0250
y291	-2.9293	1.7755	-2.1229
z291	-2.0648	1.5878	-1.1138
x292	3.0006	1.0476	-4.1861
y292	-5.3249	-8.2030	5.7437
z292	2.4939	1.3461	-2.5759
x293	1.5663	-2.2862	-2.1905
y293	-3.3963	-9.3828	5.0288
z293	-1.3894	-2.5031	-1.6028
x294	4.3051	-2.1336	-5.9190
y294	-1.1718	0.0234	1.5150
z294	-3.7805	-4.4524	-0.3201
x295	5.5187	-1.0505	-6.8253
y295	1.1949	5.1376	1.3808
z295	-1.2389	-2.3463	-1.3755
x296	1.4796	-2.3311	-4.4104
y296	2.5727	7.9424	-0.1638
z296	1.4385	2.9792	-2.0168
x297	-0.4896	-5.1145	-2.3099
y297	4.4905	5.4440	-0.1267

z297	-0.4981	5.1897	-0.9780
x298	-0.9548	-6.0874	-1.3067
y298	6.1127	3.5559	0.5704
z298	-1.8128	5.5664	-0.7475
x299	-0.8665	-10.7811	1.3212
y299	1.9885	-2.0123	5.2766
z299	-0.9288	-0.4685	3.6532
x300	2.4642	-5.3354	-2.1728
y300	-2.3763	-0.2424	4.6385
z300	1.9685	-1.4957	5.4440
x301	0.3196	-1.6738	-4.3694
y301	-5.8909	1.9142	1.2367
z301	-0.5290	2.9146	3.8239
x302	1.4648	-1.9836	-3.8199
y302	-4.3080	0.6643	3.8475
z302	-2.3791	4.2389	2.7037
x303	2.4304	-1.3784	-3.2353
y303	-0.9501	-0.8060	0.5455
z303	-1.0857	-1.5014	4.7672
x304	3.1094	-1.5590	-4.2401
y304	-1.2638	5.8020	-2.0919
z304	-0.3695	2.1697	2.6642
x305	1.9995	1.0700	-3.3277
y305	-1.0980	3.2484	-1.0594
z305	-0.5725	5.0258	-0.0881
x306	-0.3146	-0.4869	-1.7901
y306	-1.6956	0.0045	-0.6153
z306	0.0754	5.1016	0.0413

x307	-1.3199	-3.1754	-0.7912
y307	-0.8411	-1.5806	-0.4406
z307	0.9682	3.2079	0.5720
x308	-2.2516	-3.8715	-1.0078
y308	0.1817	-1.5289	-0.5592
z308	0.4911	0.0470	1.3566
x309	-2.1907	-3.7086	-1.4005
y309	-0.1687	-1.5922	-0.3780
z309	0.6407	-2.2587	1.5678
x310	-0.7012	-2.0414	-1.9340
y310	0.1918	-1.3759	0.3836
z310	1.5935	-1.9796	0.6908
x311	-1.0998	0.5158	-4.0570
y311	-2.5779	5.2696	-4.0098
z311	3.8746	-2.9584	3.1715
x312	3.0645	-0.3264	0.9104
y312	-0.7511	4.6111	2.0948
z312	-2.8948	2.2816	-5.1833
x313	-3.0544	-1.9022	1.3507
y313	-0.0447	1.7136	3.1343
z313	-4.2486	-3.5743	-1.1358
x314	-0.8622	-1.2390	1.3077
y314	1.1754	3.0453	0.9642
z314	-1.6612	1.3400	-4.7748
x315	1.9577	0.1804	1.8278
y315	-0.4039	1.4577	0.7731
z315	-1.3677	1.2639	-3.5262
x316	1.1680	-0.8311	2.6705

y316	-0.7042	1.8583	0.7782
z316	-2.4040	-1.2353	0.2620
x317	0.5904	-0.8381	2.1673
y317	-0.0004	2.3770	0.9283
z317	-0.8244	0.6147	0.5974
x318	1.7107	0.2570	-0.6926
y318	-0.7450	0.5856	2.2915
z318	0.5341	0.3957	1.8659
x319	1.8444	0.6891	-1.2356
y319	0.3512	-1.5453	0.9452
z319	0.6563	-0.5768	-1.0226
x320	-1.4735	1.7159	1.9383
y320	1.9486	-2.1998	0.0863
z320	-2.0129	-0.0459	-0.1004
x321	-2.6471	-0.7419	2.5837
y321	1.0667	-1.7337	0.7961
z321	-2.4892	-3.5896	1.7977
x322	-0.8811	1.1273	1.8270
y322	-0.5329	0.9630	0.9296
z322	-1.1335	0.7389	-1.2766
x323	1.9489	2.2835	-1.0264
y323	-0.7340	2.2728	2.1417
z323	-0.7396	1.2468	-0.4225
x324	2.7848	1.5167	0.4772
y324	-0.7659	2.8550	1.3140
z324	-0.4042	-0.3082	-1.5025
x325	0.5931	1.6019	0.2227
y325	0.2243	4.1236	0.7974

z325	0.3047	-0.8432	-2.2160
x326	-0.5049	1.0712	1.2164
y326	0.9136	5.9078	0.1111
z326	1.4674	0.8431	-1.5975
x327	0.0919	0.1354	0.6075
y327	0.2679	5.9799	-0.3262
z327	0.4583	-1.5455	-0.3626
x328	-0.6317	0.0921	-0.6460
y328	0.0762	5.5450	-0.7509
z328	0.0065	-3.0487	0.6479
x329	0.2119	1.9690	-2.1092
y329	-0.1773	4.8732	-1.4314
z329	0.6592	-3.0492	-0.3772
x330	-1.7462	-1.8977	-0.7357
y330	0.1503	7.2854	-2.1791
z330	1.0688	4.0891	-2.3947
x331	1.5813	-4.7839	-2.3662
y331	-2.5756	1.6619	3.4144
z331	-2.2253	7.5138	0.7979
x332	0.5308	-1.7935	-2.5132
y332	-1.6706	4.6232	1.9108
z332	-1.4073	5.6288	0.3087
x333	1.0648	-0.5976	-3.0290
y333	-2.0316	3.9606	1.4958
z333	-0.6858	2.8146	0.3738
x334	1.4979	0.9691	-3.9007
y334	-1.6853	5.4030	1.3427
z334	0.1363	0.9513	0.9759

x335	2.7610	-0.0374	-3.8597
y335	-1.0126	2.8172	1.2526
z335	1.1155	-0.4238	1.9110
x336	4.0446	-3.5729	-3.9360
y336	0.9942	-2.3747	1.1721
z336	-0.0671	-0.1418	0.6547
x337	2.4787	-4.0990	-3.5722
y337	1.1273	-3.0859	0.1293
z337	-4.1867	0.5901	-0.4023
x338	-0.4072	-0.6897	-4.9522
y338	-0.3154	-0.5381	1.6597
z338	-4.5600	0.5107	0.7800
x339	2.8919	-1.8651	-4.2345
y339	-1.7600	-1.1797	4.6543
z339	2.6622	-1.7830	2.1870
x340	2.3887	-1.5625	-3.4345
y340	-2.6969	-0.4356	5.2450
z340	2.9502	-2.0248	-0.7598
x341	2.9577	-1.6590	-1.4836
y341	-1.0293	-1.2794	3.7212
z341	1.5711	-2.7760	2.2283
x342	0.1190	-0.3932	-2.2417
y342	0.5548	-1.9293	0.1714
z342	-1.4253	-1.2566	2.8910
x343	-0.3250	1.0868	-2.8776
y343	2.1509	-3.1628	0.0547
z343	-0.2829	-0.5965	2.0486
x344	0.6982	1.7120	-3.2797

y344	-0.0340	-3.1776	-0.2282
z344	0.6369	-0.7299	2.3373
x345	-0.9002	1.5461	-3.4756
y345	-1.7986	-3.3653	0.5218
z345	0.9453	-0.2889	1.9811
x346	-0.3535	1.8316	-3.9061
y346	-0.3252	-2.8352	0.9491
z346	-0.6785	-0.7627	1.7137
x347	0.6321	2.3190	-4.0284
y347	0.5683	-2.0894	1.7119
z347	-0.1220	-0.7358	1.5518
x348	0.1637	2.7004	-4.4428
y348	0.6083	-1.6464	1.5754
z348	-0.7846	-0.2073	2.1572
x349	0.5698	0.6870	-2.9724
y349	-1.2504	-3.1908	4.5055
z349	1.5738	-1.2653	3.3128
x350	-0.3807	-5.6484	-0.3969
y350	1.4631	-0.6402	0.6554
z350	-1.2457	-1.5334	0.8776
x351	-1.7093	-0.0678	-0.7597
y351	0.6195	5.0451	0.5128
z351	-0.0870	-2.3163	-0.9410
x352	-1.5770	0.7294	-1.5880
y352	0.5887	3.1778	0.9140
z352	-0.1030	-1.2097	-1.2026
x353	-1.2073	1.2038	-1.5564
y353	1.0825	1.2075	2.1743

z353	-0.1373	0.8312	-1.8726
x354	-0.5594	1.2078	-0.8345
y354	2.0323	1.1073	2.8472
z354	-0.3052	-0.2084	-0.1426
x355	0.1362	1.4612	0.4091
y355	2.1872	2.7638	3.5896
z355	0.1689	-1.3219	2.2623
x356	1.1053	1.4076	0.3654
y356	0.9091	3.6010	1.8942
z356	1.3789	0.1682	4.5829
x357	0.7422	0.7424	-0.2332
y357	-1.1834	5.1767	0.8306
z357	0.8824	2.5319	4.1153
x358	0.7087	-1.0843	-1.1521
y358	-0.6750	3.9805	1.7766
z358	-0.7826	6.0426	1.9874
x359	-0.0570	-2.8918	-1.2777
y359	-1.6537	10.1830	2.6448
z359	-1.0723	3.5851	2.3065
x360	-1.6878	4.4747	1.2216
y360	1.3244	-1.9292	0.8065
z360	-1.2164	-1.4176	-0.3030
x361	-0.7428	0.7728	0.9012
y361	0.6274	0.2253	0.5776
z361	0.4784	-1.6644	-1.7234
x362	-1.7835	1.8575	1.4779
y362	0.7486	-0.6637	-0.1952
z362	1.5146	-2.6535	-2.7289

x363	-2.4817	2.1107	2.2362
y363	0.5249	-1.0774	-0.6413
z363	1.2396	-3.3961	-2.0717
x364	-2.5199	2.8797	3.1978
y364	0.0395	-1.7405	-1.1819
z364	0.4546	-2.9785	-1.3593
x365	-2.2764	3.0595	3.0503
y365	-0.3849	-1.7696	-1.3297
z365	-0.1972	-1.5395	-0.7574
x366	-1.9440	2.5320	2.3821
y366	-0.3254	-1.7104	-1.0994
z366	0.3661	-0.3626	0.1807
x367	-1.9351	2.2578	1.6148
y367	-0.0252	-2.0819	-0.7264
z367	0.8595	0.3812	0.8148
x368	-2.0176	1.5205	1.4055
y368	-0.1313	-2.6050	-0.4031
z368	-0.6372	0.8369	2.0365
x369	-1.1763	2.6625	0.5641
y369	-0.1550	-4.7104	-0.8674
z369	0.0402	-0.9607	1.0624
x370	-0.0448	5.9258	0.8214
y370	2.1316	-6.5664	-2.6174
z370	-1.8551	1.3850	-0.8572
x371	-0.8538	3.0526	1.5269
y371	1.4958	-3.6312	-1.0420
z371	0.4073	-3.9167	-2.2986
x372	-0.9679	2.6312	1.7792

y372	2.4758	-4.5792	-1.5187
z372	1.3652	-5.0908	-2.0381
x373	-1.3443	2.0979	2.0545
y373	3.9288	-5.8807	-2.5621
z373	1.3576	-5.6936	-1.1132
x374	-2.2446	2.0417	2.5414
y374	4.4370	-7.9279	-2.0561
z374	0.5858	-4.2785	-0.0012
x375	-2.7859	2.8822	2.1494
y375	4.1346	-7.9921	-2.0175
z375	0.0670	-2.2660	-0.1956
x376	-2.5955	3.8732	1.9427
y376	3.5609	-5.5888	-1.6256
z376	0.1370	-1.5441	0.5613
x377	-2.1924	3.2021	1.3241
y377	3.1386	-3.4019	-1.2221
z377	-0.2748	-2.2629	2.0360
x378	-2.1185	2.1781	0.4508
y378	3.1154	-2.2798	-1.3785
z378	-2.3585	-2.3945	2.8849
x379	0.4675	-0.3071	-1.8022
y379	3.7424	-3.5406	-2.0141
z379	-1.0488	-2.5758	0.1051
x380	-2.7799	1.0657	-3.2211
y380	9.4980	13.9579	-5.0860
z380	1.1387	14.1179	-4.9223
x381	5.3826	3.7680	-3.6467
y381	1.2976	4.4259	-1.3163

z381	-0.9656	-3.3502	-3.1431
x382	-1.6953	4.0638	-0.6374
y382	0.6118	-3.6482	1.6800
z382	0.4844	-7.3199	-3.2950
x383	-3.8071	7.4777	2.0012
y383	2.2739	7.9746	-1.3073
z383	0.2431	-2.2407	-3.0193
x384	-0.1858	1.5296	0.3040
y384	3.4391	2.1794	-2.2073
z384	6.0862	-4.8979	-8.4978
x385	1.8997	6.1214	1.0406
y385	4.7349	-10.0046	-2.5103
z385	9.0269	-12.5024	-10.2386
x386	3.1996	5.8640	-1.8136
y386	3.2923	-11.2332	-2.3040
z386	4.4124	-13.6734	-6.5854
x387	1.8549	0.6731	-3.2575
y387	0.0762	-7.8270	0.8699
z387	0.9012	-7.1851	-3.1966
x388	1.7319	0.9427	-2.2562
y388	-0.6623	-6.4441	3.2274
z388	0.3834	-2.6581	-3.9913
x389	1.8698	-0.1744	-1.7765
y389	1.3213	-8.2610	0.8829
z389	-0.3980	-4.5504	-4.3035
x390	0.0091	-1.7518	0.1398
y390	0.5970	-8.7498	-2.1271
z390	0.0995	-3.3865	-3.4498

x391	0.3930	-2.3372	-1.2285
y391	0.6547	-6.7511	-3.9003
z391	0.8743	-2.1265	-3.1034
x392	-0.1394	-2.9043	-1.1426
y392	-0.8789	-5.6258	-2.5987
z392	1.0756	-2.0910	-1.1620
x393	-0.5865	-2.8030	-0.2637
y393	-0.4807	-7.4216	-3.0291
z393	2.1039	-2.4054	-1.2500
x394	0.9028	-3.5342	-0.9973
y394	0.1919	-8.4378	-5.1297
z394	1.6525	-0.8443	-1.5618
x395	1.3351	-3.7334	-1.7925
y395	-0.5258	-5.4488	-4.7116
z395	0.8644	1.0711	0.5210
x396	0.7405	-2.8873	-1.2794
y396	-1.7443	-5.6466	-3.3596
z396	0.9322	1.1921	1.6987
x397	0.2975	-3.7548	-0.6971
y397	-1.7022	-7.3823	-2.5710
z397	0.7917	1.8976	2.1984
x398	-0.3256	-3.3383	-1.0526
y398	-2.6075	-3.3244	-1.7737
z398	0.9417	1.0172	2.0699
x399	-1.6916	-3.9070	0.8252
y399	-2.4864	-2.2721	0.1755
z399	0.6005	-1.3462	1.4290
x400	-1.3435	-0.8674	-0.9817

y400	-2.6358	-0.4804	0.7408
z400	1.3026	-0.0876	-0.7423
x401	-3.3250	-2.8792	1.7473
y401	-3.2929	-1.8355	2.9118
z401	0.4557	-1.2629	1.3545
x402	-3.9921	-2.8415	3.9117
y402	-2.8002	-1.2385	3.3796
z402	0.1218	-0.5098	0.3447
x403	-3.7000	-3.6370	4.4385
y403	-2.0454	-2.0486	2.5139
z403	-0.6516	0.3978	0.9917
x404	-3.8705	-2.1129	5.4810
y404	-0.7823	-1.9019	0.9583
z404	0.3910	2.2930	-0.5136
x405	-3.2101	-1.1114	5.2022
y405	-1.4593	-2.1938	1.3256
z405	0.3980	3.7802	-0.9408
x406	-1.7737	-0.7822	5.3688
y406	0.0675	0.8855	-0.3933
z406	1.1768	5.1860	-2.2540
x407	0.1156	0.3985	3.8035
y407	0.3674	0.8411	-0.9852
z407	2.6908	7.6037	-4.7636
x408	-1.1588	0.5430	5.1877
y408	0.4739	-0.5705	-1.1856
z408	0.7556	4.0298	-2.2319
x409	-0.2734	0.6573	4.0543
y409	1.0233	0.8987	-4.3660

z409	0.0158	2.5851	-1.0774
x410	-0.3628	1.0479	2.4997
y410	0.0046	1.6580	-3.8973
z410	0.4866	1.7721	-2.8260
x411	-1.1150	0.3964	2.2835
y411	-0.3358	2.7852	-2.7058
z411	-0.3864	-0.8464	1.2444
x412	-0.5852	1.1537	1.2485
y412	-0.3922	3.1658	-2.6350
z412	-0.6660	-1.2584	2.0384
x413	-0.5082	0.7811	0.6697
y413	-0.3051	3.0449	-2.3667
z413	-0.4195	-0.8376	3.0029
x414	-1.1606	1.2993	-0.7513
y414	1.4111	0.0832	-0.7255
z414	-1.3957	-0.0609	3.6572
x415	-0.8107	0.7970	0.6388
y415	0.8865	0.0919	1.7387
z415	-1.5112	1.8351	1.9380
x416	-0.6173	0.3082	2.6692
y416	1.6202	1.6909	0.4948
z416	-1.9680	2.2058	3.5224
x417	0.4656	1.7633	1.3895
y417	1.9505	-0.2779	0.6119
z417	-2.3492	4.7184	2.4349
x418	1.0313	3.3003	1.0901
y418	1.4068	1.2587	1.1595
z418	-2.1158	4.9503	1.6957

x419	0.9563	5.1947	0.8680
y419	1.8006	2.1152	1.7489
z419	-2.5335	4.6354	1.0868
x420	1.0477	4.2925	1.7648
y420	1.0462	-0.2443	1.4664
z420	-2.1588	7.3038	0.1026
x421	0.4614	5.4869	1.9431
y421	0.5826	-0.3051	1.5403
z421	-2.1728	5.7634	-0.1779
x422	-0.0477	5.4947	2.1783
y422	0.5882	-0.7925	1.1987
z422	-1.9930	5.9491	-0.6723
x423	-0.3713	4.2453	2.2626
y423	0.2807	-1.0231	-0.1354
z423	-1.0536	6.4687	-0.9098
x424	-0.8825	3.8014	1.6014
y424	0.6096	-1.2159	-0.2246
z424	-1.7159	5.3940	-0.1278
x425	-1.8612	2.9429	1.2072
y425	1.0733	-2.7884	0.8232
z425	-3.0700	6.1224	0.4779
x426	-1.6257	-0.6404	1.0887
y426	1.3137	-2.0879	0.1390
z426	-4.1959	5.2481	2.5276
x427	-1.2871	-0.8021	-0.0373
y427	1.2209	0.2867	-0.7910
z427	-5.2769	4.9152	1.9225
x428	-0.8328	-1.4663	-1.5777

y428	1.3643	3.6746	-1.1554
z428	-4.4176	9.8615	-0.2650
x429	-0.7478	-3.3384	-2.1088
y429	0.4454	4.2663	1.0701
z429	-4.5458	8.9101	-0.1550
x430	1.3613	-1.6087	-2.2821
y430	0.2990	6.4619	2.3843
z430	-4.1148	8.2713	-1.2949
x431	1.9939	-1.4893	-0.9279
y431	0.0482	7.7193	2.0767
z431	-3.8198	9.0527	-3.6095
x432	0.6595	-1.0235	0.2359
y432	-1.4958	8.0854	2.0233
z432	-4.2637	8.1650	-3.5933
x433	-2.8383	1.9770	1.0303
y433	-1.4405	6.7097	2.1449
z433	-3.7826	4.2147	-2.7157
x434	-1.7080	-3.9923	-0.3278
y434	0.5572	6.3794	2.3297
z434	-2.3031	0.6802	-3.5990
x435	-0.5611	-0.6226	0.7510
y435	0.5680	-1.4125	1.5138
z435	-2.2495	-0.6396	-3.9594
x436	-0.4959	2.4518	2.4950
y436	-1.2274	-7.6037	2.0196
z436	-1.6605	-9.9079	-1.5885
x437	-0.9197	2.6523	3.1021
y437	-3.2289	0.5351	4.4753

z437	-0.4185	-9.2663	0.3116
x438	-1.2271	0.9238	4.1873
y438	-2.9545	3.8850	2.9159
z438	-0.5391	-11.1906	-0.7395
x439	-2.1156	1.8950	3.6979
y439	-2.2068	5.9951	2.1870
z439	-2.6197	-5.8101	0.3556
x440	-3.8406	3.7956	2.2430
y440	1.9013	-0.6939	-0.4090
z440	-3.4739	1.6252	0.5880
x441	-3.9916	4.6323	0.9363
y441	5.2747	-5.4184	-3.6250
z441	-5.5200	4.1287	-0.1865
x442	-1.6745	3.1370	1.3339
y442	4.6161	-8.2287	-3.7076
z442	-5.8235	5.6681	3.2556
x443	-2.3261	-4.8295	-0.0606
y443	3.8503	-6.4099	-1.5440
z443	-4.5539	-2.0317	-0.1353
x444	-4.4553	-0.0919	0.3424
y444	3.2143	-11.8249	-4.6652
z444	-0.4003	7.7862	2.2385
x445	-2.5024	0.7391	-0.7049
y445	4.7592	-13.4835	-5.3992
z445	-1.9845	5.5875	2.3561
x446	-6.3204	6.3127	1.3156
y446	1.8209	-3.8704	-7.0442
z446	-5.1143	3.6053	2.2460

x447	-5.2585	2.1585	-1.4429
y447	0.1733	-1.9590	-5.4095
z447	-2.6357	1.7217	-0.9169
x448	-4.4394	1.8369	-1.8866
y448	-1.4016	-0.5209	-3.2564
z448	-1.6631	0.6641	1.4595
x449	-5.0393	1.4724	-0.3394
y449	-2.6129	2.8917	-2.9082
z449	-1.2540	1.6390	1.5750
x450	-4.2419	-0.6521	0.5713
y450	-3.2767	0.6927	-2.1788
z450	-0.9239	0.9620	0.4353
x451	-6.2462	-0.0945	1.2839
y451	-2.1713	-8.9337	-0.9730
z451	2.3563	-2.8899	-1.4001
x452	-5.1899	-5.0750	3.4056
y452	-9.2046	0.4770	-0.1107
z452	2.2815	-19.1414	-5.5540
x453	-8.4760	-0.5686	2.7784
y453	-2.8536	2.0982	0.6935
z453	-8.9529	-6.1186	-3.7516
x454	-2.0701	-4.0167	5.9950
y454	-2.4602	-0.2493	5.6895
z454	3.8613	-8.3826	-11.3146
x455	-0.2786	0.9595	-5.1004
y455	0.1925	-2.7585	4.8641
z455	2.2426	-1.0910	-3.8668
x456	-3.5060	2.0258	0.3232

y456	-0.8453	-3.6153	1.7664
z456	0.4592	0.1495	-3.9698
x457	-0.0114	-2.1356	1.3938
y457	0.3430	-4.6744	0.3550
z457	2.2442	0.6081	-6.4132
x458	-0.3299	-1.7138	0.2193
y458	-0.4069	-3.8861	0.7007
z458	2.0585	0.4094	-4.4215
x459	-2.1333	-2.9260	-0.0684
y459	-1.3824	-3.5444	2.9779
z459	1.7594	1.3427	-3.0659
x460	-3.1792	-3.9401	0.9197
y460	-1.8114	-4.9232	3.9889
z460	0.9497	1.2548	-3.1965
x461	-0.4494	-4.7056	-0.0529
y461	-3.3359	-6.8550	4.7550
z461	-0.9338	-2.3827	-2.1044
x462	-0.3066	-5.3892	-0.2816
y462	-2.5099	-6.7193	3.7921
z462	-0.6296	-1.3754	-1.7985
x463	-0.2791	-3.9611	0.7133
y463	-0.7018	-3.9939	2.7975
z463	-1.1557	1.9327	-3.5315
x464	-0.0123	-3.7155	1.3132
y464	-0.6053	-3.1614	2.7442
z464	-1.1524	2.5228	-4.6846
x465	0.6539	-2.3114	1.1653
y465	-0.6862	-2.6289	2.8897

z465	-0.9008	4.0021	-6.1553
x466	1.6399	-1.2968	1.0439
y466	-0.0856	-1.2190	2.5262
z466	-1.6692	4.9956	-6.4251
x467	2.6082	-1.0445	1.7636
y467	0.3229	-0.4127	1.1070
z467	-2.5550	4.2566	-5.6149
x468	3.7354	-0.0924	0.8001
y468	0.7613	0.0110	-0.5740
z468	-2.5633	4.2951	-6.2972
x469	4.6159	0.1341	-0.0566
y469	-0.5551	-0.8720	-0.0291
z469	-2.4387	3.2805	-5.8011
x470	3.1081	-0.3400	0.0256
y470	-2.1730	-1.6700	0.6562
z470	-3.6059	3.0261	-4.7556
x471	2.1096	-0.5921	0.1267
y471	-2.3931	-0.5046	-0.1385
z471	-2.5120	3.6860	-4.5552
x472	1.5848	-3.8000	0.5968
y472	-3.3555	1.3342	-1.2031
z472	-1.6949	0.8791	-1.0985
x473	2.3992	-3.8086	0.0689
y473	-4.8206	3.1374	-0.9798
z473	0.3362	-0.1350	-1.2851
x474	2.3803	-1.7165	1.1692
y474	-5.2274	4.6116	-0.9221
z474	0.3940	1.0373	0.0085

x475	2.0871	0.2881	-0.2462
y475	-5.1730	4.7533	-0.7002
z475	0.5546	2.6357	-1.1355
x476	1.2752	0.6306	-0.7161
y476	-4.8828	4.4207	-0.2099
z476	0.5441	2.0398	-1.0674
x477	1.2401	1.8112	-0.4676
y477	-4.3862	4.1377	0.3670
z477	0.2359	1.8257	0.3689
x478	0.8321	2.4040	-0.3732
y478	-3.8721	3.1099	1.7355
z478	-0.3610	3.2154	0.7094
x479	-0.3197	1.9116	-0.0866
y479	-3.1114	1.6301	3.5656
z479	-0.6643	3.7978	-0.0285
x480	-1.3367	2.5422	1.2986
y480	-1.2061	-0.3221	3.1702
z480	-0.7530	3.1328	-0.2653
x481	-0.8841	3.7079	0.8330
y481	0.0042	-0.5240	1.9510
z481	-0.7742	4.9010	-1.4894
x482	-0.3136	4.1994	0.7353
y482	0.2176	0.6193	1.0449
z482	-1.0990	4.4031	-0.6837
x483	0.3746	5.0858	-0.6875
y483	-0.1276	-0.2616	1.8759
z483	-1.2556	4.0210	-2.2270
x484	1.0536	5.4255	-1.5153

y484	-0.3305	-0.3920	1.5874
z484	-0.7729	5.5158	-3.4401
x485	0.6524	5.8112	-1.9687
y485	0.1368	-1.0742	0.7097
z485	-1.1279	6.5692	-3.6762
x486	-0.2051	3.8244	-2.3262
y486	1.1486	-1.5251	0.6426
z486	-2.3591	5.3526	-3.0165
x487	-0.1063	1.7772	-2.3933
y487	1.4369	-2.2196	0.9107
z487	-3.1940	6.2270	-1.6082
x488	0.9675	-0.0803	-3.0027
y488	0.4921	-1.7089	1.2657
z488	-2.8730	7.1698	-1.5902
x489	1.5191	-1.1353	-3.1769
y489	-0.1933	0.3770	2.0924
z489	-4.0593	7.9936	-1.9005
x490	1.2812	0.0132	-2.6141
y490	-0.2539	-0.4760	2.2945
z490	-3.9815	9.2132	-2.3264
x491	1.1725	-0.1792	-1.9635
y491	-0.3360	-1.3950	2.0446
z491	-3.1414	9.2074	-1.4886
x492	0.6650	0.3138	-1.7863
y492	-0.7319	-1.1007	1.7806
z492	-2.3901	8.6996	-1.1784
x493	-0.1879	0.7478	-1.5008
y493	-0.6703	-0.9327	2.0525

z493	-2.0693	7.1706	-1.5775
x494	-0.7883	0.7106	-0.6981
y494	-0.0306	-1.3523	1.7422
z494	-1.8509	5.4517	-0.7109
x495	-0.5651	0.4652	-0.4067
y495	0.8549	-1.9091	1.2803
z495	-1.6348	3.2457	-0.4607
x496	0.2616	-0.1259	0.0570
y496	1.2781	-2.3024	0.6110
z496	-1.0938	0.0602	0.3926
x497	0.7524	-0.8388	0.3810
y497	1.3156	-2.7904	0.5553
z497	-0.7272	-1.3388	0.2406
x498	0.9050	-2.4616	0.6586
y498	1.1133	-2.7773	0.4287
z498	-1.7331	-2.2654	0.5967
x499	0.4395	-3.4656	0.8968
y499	0.3304	-2.7421	1.1480
z499	-1.5938	-5.2619	0.3321
x500	0.0541	-3.6560	1.3197
y500	-0.1940	-2.6751	1.3217
z500	-1.4752	-4.8604	0.6001
x501	-0.1945	-4.0448	1.5946
y501	-0.7559	-2.6329	1.7501
z501	-1.9637	-4.1484	1.8634
x502	-0.8211	-4.1042	1.6790
y502	-1.2451	-2.5317	2.4370
z502	-1.5148	-3.3569	1.1990

x503	-1.6244	-3.7122	2.0293
y503	-0.9973	-1.9545	1.9940
z503	-1.0566	-2.4212	0.7027
x504	-2.1125	-3.0285	2.1444
y504	-0.4858	-1.4052	1.4867
z504	-0.6673	-2.7942	0.5142
x505	-2.0656	-1.9074	1.8449
y505	-0.0548	-0.5946	0.5775
z505	-1.3265	-1.8841	0.3445
x506	-2.0121	0.1198	1.5454
y506	0.2346	-1.2190	0.0897
z506	-0.8126	-3.7078	-0.1681
x507	-2.1328	2.5212	1.3137
y507	0.4616	-1.1415	0.2886
z507	-0.8719	-3.4982	-0.0689
x508	-2.2997	3.8351	0.7863
y508	1.4451	-1.5111	-0.3463
z508	-0.9032	-1.1908	-0.9747
x509	-2.2958	5.3265	0.2166
y509	1.4718	-1.8225	-0.8528
z509	-1.3752	0.1141	-1.1317
x510	-2.5174	5.9565	0.3914
y510	1.8210	-3.1374	-1.2510
z510	-1.3074	-0.6033	-0.5893
x511	-2.8284	6.0819	1.1618
y511	2.2721	-4.6273	-1.4735
z511	-0.4735	-0.5172	-0.8558
x512	-2.7514	5.8118	1.6314

y512	2.7096	-6.1316	-1.7907
z512	-0.4922	0.9524	-0.9381
x513	-2.8045	4.0152	1.5560
y513	2.7456	-7.5507	-1.7155
z513	-0.5578	3.1455	-0.8395
x514	-2.0015	1.7256	0.1849
y514	2.5283	-7.4399	-1.5004
z514	-1.2233	5.2266	-0.2911
x515	-1.3465	-0.1132	-1.4391
y515	2.6568	-5.1004	-1.4408
z515	-1.8976	5.8010	1.3048
x516	-0.3468	-2.5228	-2.2867
y516	2.8524	0.9137	-1.6133
z516	-2.0609	1.9108	2.0818
x517	-0.5718	-0.8600	-1.4122
y517	2.5911	2.1182	-2.2522
z517	-2.1874	-0.9890	1.6665
x518	-1.6559	0.8866	-0.6789
y518	1.4121	2.6199	-2.3837
z518	-2.2234	-0.1314	1.2402
x519	-0.4354	-1.7782	-0.5597
y519	0.3379	2.5569	-2.0420
z519	-0.9882	-0.9486	1.2558
x520	0.8121	-2.4260	0.4693
y520	0.2521	2.2360	-1.7690
z520	-1.9080	1.2423	0.3622
x521	0.6775	-1.3598	1.2399
y521	-0.1422	1.7503	-1.8275

z521	-2.6199	3.4431	-0.8609
x522	2.0431	-0.2456	0.3405
y522	-0.3622	-3.7671	-1.4388
z522	-1.5824	2.8744	-1.9913
x523	4.2532	-2.5493	0.0416
y523	-3.4539	-5.0214	0.3171
z523	-0.0845	-0.7330	-2.4460
x524	0.7251	-1.5631	1.7980
y524	-6.6054	-6.9064	1.4603
z524	4.6714	-7.8980	-4.4703
x525	-5.1899	-5.0750	3.4056
y525	-9.2046	0.4770	-0.1107
z525	2.2815	-19.1414	-5.5540
x526	-1.5296	-6.0177	0.7768
y526	0.0011	5.4459	1.8371
z526	-2.1413	-2.3353	6.6833
x527	-1.3413	2.7443	2.3762
y527	-0.4534	6.4238	1.3837
z527	-1.5112	1.8850	1.7345
x528	-2.7244	3.0788	1.7247
y528	0.8982	5.3728	0.3746
z528	-0.0210	0.3702	0.8456
x529	-2.1157	3.7277	0.4158
y529	1.2248	3.6268	-0.0167
z529	0.6371	-1.3310	1.2064
x530	-2.3830	2.2751	1.0036
y530	1.6907	3.1792	-1.1656
z530	0.4672	-1.0373	0.8361

x531	-2.2350	1.8363	0.6537
y531	1.9950	2.2256	-1.6236
z531	0.8901	-0.5140	0.7049
x532	-1.8357	0.7851	0.2119
y532	2.1220	1.3828	-1.4537
z532	1.1483	-0.1764	0.8330
x533	-2.0295	0.2762	0.4629
y533	2.1112	0.2690	-1.4865
z533	1.0834	-0.4747	0.7689
x534	-1.7377	0.2079	0.2600
y534	1.6576	-0.6049	-1.1369
z534	1.2598	-0.5568	0.1432
x535	-0.5695	0.4365	-0.5914
y535	1.7116	1.4041	-1.1109
z535	1.5544	-0.7468	-0.0703
x536	-0.4652	-0.7322	-0.2091
y536	1.7497	1.5427	-0.8281
z536	1.5435	-0.8886	-0.2509
x537	-0.5920	-1.3622	0.1640
y537	1.0433	1.1284	-0.2311
z537	1.7174	0.3255	-0.9931
x538	-0.4207	-0.7142	-0.2379
y538	0.3701	1.1376	0.2617
z538	2.1715	0.2297	-0.7768
x539	-0.1436	-0.8595	-0.1522
y539	-0.2638	1.1733	0.9721
z539	2.3191	-0.4408	-0.9011
x540	0.3178	-0.9117	-0.3657

y540	-0.4915	1.2963	1.2241
z540	2.9516	-1.3761	-1.1968
x541	0.4390	-1.7026	-0.6949
y541	-0.3727	1.5376	1.4111
z541	3.6296	-2.1544	-1.1832
x542	0.3437	-2.6810	-0.7213
y542	0.1757	0.9127	0.9482
z542	3.7606	-2.5734	-1.7197
x543	0.6384	-2.7175	-1.2747
y543	1.0143	-0.1801	0.1554
z543	3.2035	-3.0077	-1.7455
x544	0.3258	-1.6946	-1.2755
y544	1.0429	-1.9081	-0.0956
z544	2.9646	-3.0191	-1.5203
x545	-0.4678	-1.5047	0.1780
y545	1.0630	-2.5885	-1.4043
z545	2.7657	-1.8239	-2.1688
x546	-0.8867	-0.2404	0.7128
y546	2.2636	-2.0150	-1.7524
z546	2.1043	-1.3719	-1.1669
x547	-0.7429	0.9676	1.1752
y547	2.5484	-0.4620	-2.6466
z547	1.0779	-0.4572	-1.3655
x548	-1.3465	1.3481	1.6144
y548	2.1591	0.4175	-3.2222
z548	0.6151	0.3978	-1.3282
x549	-1.8146	2.1880	1.2753
y549	2.0902	0.1781	-3.3606

z549	0.0242	0.6991	-0.8013
x550	-2.0285	2.8217	1.1557
y550	1.7320	-0.1605	-3.0921
z550	-0.2718	1.1764	-0.4962
x551	-2.2490	2.8191	1.6228
y551	1.3536	0.4685	-3.8009
z551	-0.3768	1.8113	-0.1854
x552	-2.0387	3.2774	1.4591
y552	1.8333	1.0961	-3.5576
z552	-0.4060	1.9654	0.4180
x553	-2.3009	4.2936	2.0909
y553	1.7510	1.2045	-3.9398
z553	-0.5691	2.3792	0.9102
x554	-2.4082	4.3497	2.1663
y554	1.1524	1.4997	-3.8629
z554	-0.5806	3.1540	1.9919
x555	-1.7030	3.7696	2.3791
y555	0.7936	1.7501	-3.4896
z555	-0.3100	3.2392	2.7952
x556	-0.5558	3.5855	2.4093
y556	0.6841	1.9050	-3.7618
z556	-0.2300	2.8713	3.6807
x557	0.2499	3.1584	2.4542
y557	-0.4528	1.6257	-2.2995
z557	-0.1554	2.3557	4.5597
x558	0.1242	2.2588	2.8966
y558	-1.2858	2.0299	-1.7269
z558	0.4194	1.9849	4.7945

x559	0.1108	1.9636	2.9561
y559	-1.6115	2.8041	-1.5671
z559	0.9577	1.4526	4.7849
x560	0.0900	1.2754	2.6388
y560	-1.8062	1.9095	-1.4836
z560	1.3058	1.1368	4.6898
x561	-0.0742	0.6663	1.9108
y561	-1.9992	1.5272	-1.1248
z561	1.3734	0.9970	4.5710
x562	-0.3393	0.4601	1.2470
y562	-1.8817	2.2834	-0.7786
z562	1.7375	1.7413	3.8282
x563	-0.6519	-0.4227	1.1389
y563	-2.2608	2.5628	0.1710
z563	1.7353	0.2297	3.2344
x564	-1.0572	-1.2795	1.0188
y564	-2.4415	1.5277	0.7553
z564	1.7009	-1.2007	2.6889
x565	-1.5216	-1.5305	1.0021
y565	-2.0676	0.6291	0.9282
z565	1.4441	-1.9804	2.2086
x566	-1.1259	-2.7327	1.6184
y566	-1.2102	-0.6580	1.0762
z566	0.6027	-1.1993	1.4018
x567	-1.2847	-2.6754	2.2954
y567	-0.9571	-0.8642	1.0643
z567	0.0189	-0.5058	0.7271
x568	-1.3977	-1.3650	2.2687

y568	-0.5108	-1.0319	0.5292
z568	-0.6835	0.1620	0.4499
x569	-1.4271	-1.9463	2.7057
y569	-0.0620	-0.9263	-0.0056
z569	-1.5896	2.4489	0.2240
x570	-1.9727	-0.8223	2.1345
y570	0.3390	0.2241	-0.5361
z570	-2.5248	4.0225	0.1974
x571	-1.8903	-0.1118	1.6062
y571	0.2193	1.1832	-0.8011
z571	-3.2444	4.4111	-0.1970
x572	-1.4122	-0.7475	1.5436
y572	-0.2221	0.9976	-0.9937
z572	-2.2085	1.1634	-0.9444
x573	-1.4962	-0.0488	0.8936
y573	0.1468	0.1153	-1.0391
z573	-1.3480	-0.7537	-1.3663
x574	-1.4017	0.3503	0.5322
y574	0.4345	-1.3503	-0.9867
z574	-0.6625	-2.0070	-1.5178
x575	-1.3268	-0.3278	0.4535
y575	1.0679	-1.6206	-1.1312
z575	-0.1308	-2.7462	-1.3390
x576	-0.6486	-0.8674	0.1551
y576	1.0830	-1.7303	-0.4176
z576	0.2797	-3.6828	-1.1448
x577	-0.3137	-1.3068	0.4959
y577	1.6470	-2.6420	-0.0760

z577	0.6280	-4.2541	-0.6843
x578	0.2599	-2.0130	0.7763
y578	1.5960	-4.2381	0.5353
z578	0.6085	-4.4524	0.2648
x579	0.7675	-2.5420	1.4569
y579	1.3723	-3.8799	2.5818
z579	0.3084	-3.8729	1.3399
x580	1.0933	-3.1585	2.5800
y580	1.0179	-3.2676	2.7151
z580	0.0703	-3.3824	3.6079
x581	0.1325	-2.7771	3.4701
y581	0.2855	-2.4681	3.4356
z581	-1.2495	-0.5351	2.9516
x582	-0.8343	-1.8161	3.6503
y582	0.3262	-1.1092	2.4676
z582	-2.3945	1.6233	2.7115
x583	-1.4850	0.6977	3.0362
y583	0.4764	0.7146	1.3834
z583	-3.2185	2.4551	2.8120
x584	-1.8845	2.0346	2.1840
y584	0.7586	0.3424	0.7229
z584	-3.5954	3.5533	2.5285
x585	-2.4951	3.0801	1.3170
y585	0.6788	-0.3994	0.5816
z585	-3.4582	4.3927	1.7455
x586	-2.3547	2.5608	0.6411
y586	0.7036	-1.5604	0.5084
z586	-3.4829	5.2688	1.0452

x587	-1.9852	1.3439	-0.9025
y587	0.4322	-1.3653	0.2068
z587	-3.5254	5.5220	1.4153
x588	-1.5023	0.3854	-2.1892
y588	0.1306	-0.4649	0.2741
z588	-3.0558	5.5043	1.6805
x589	-0.6694	-0.8829	-2.9684
y589	-0.0280	0.3961	1.2153
z589	-1.0269	5.0977	1.3519
x590	-0.2225	-0.1779	-2.9575
y590	0.1500	-0.0707	2.5097
z590	-0.8566	6.9668	2.8149
x591	0.0416	0.6115	-3.2637
y591	-0.2893	0.6014	3.4885
z591	-1.1862	8.5641	3.1489
x592	-0.4649	1.8643	-2.9221
y592	-0.0592	0.2465	4.2287
z592	-0.8026	8.2903	2.6385
x593	-0.8480	2.2764	-1.8649
y593	0.5951	-0.6815	3.8660
z593	-0.6451	7.5423	1.5257
x594	-0.9252	2.2317	-1.6334
y594	0.7095	-0.2129	3.5421
z594	-0.5886	6.6316	0.7676
x595	-0.8033	1.6648	-1.2330
y595	1.0625	0.7955	3.9072
z595	-0.6393	5.0712	0.0962
x596	-0.7491	0.7485	-0.8307

y596	0.9703	1.7612	3.0182
z596	-0.5874	2.3655	-0.6918
x597	-0.4742	-0.2659	-0.7202
y597	1.3287	1.9849	3.0634
z597	-0.8102	-1.2350	-1.1347
x598	0.5165	-1.4453	-0.4911
y598	0.8879	1.3519	2.2693
z598	-1.5131	-4.4537	-0.9978
x599	1.0612	-1.2978	-0.1582
y599	0.5854	0.3474	2.3027
z599	-1.4685	-4.3232	-1.6620
x600	0.5502	-0.2414	0.5093
y600	0.2729	0.9969	1.4144
z600	-1.3344	-4.3668	-1.9026
x601	0.2108	0.4898	0.8483
y601	0.1607	0.7844	0.5560
z601	-0.9696	-3.8276	-1.9001
x602	-0.0223	1.0347	1.3561
y602	0.1146	0.6555	0.4687
z602	-0.5710	-3.5252	-1.8671
x603	-0.3147	1.7681	1.9476
y603	0.3137	0.4453	0.1630
z603	0.0023	-3.9453	-1.9618
x604	-0.2143	1.7162	2.0903
y604	0.2124	0.3917	-0.4545
z604	0.6072	-4.4568	-1.8159
x605	-0.3836	2.6767	1.6502
y605	-0.0128	-0.3264	-0.3535

z605	1.3024	-5.9289	-1.5541
x606	-0.6002	3.3769	2.6076
y606	0.0399	-2.0040	-1.2296
z606	2.1957	-6.8552	-1.4588
x607	-0.6804	2.2158	2.3817
y607	0.1592	-2.2713	-1.3592
z607	3.5606	-6.8417	-0.8735
x608	-0.3247	1.4869	2.7515
y608	0.7888	-3.0170	-1.5485
z608	3.6959	-6.5562	0.5150
x609	-0.5427	1.5797	2.7211
y609	1.2109	-3.8438	-2.0143
z609	3.4355	-5.8994	1.1312
x610	-0.3242	1.0042	2.2510
y610	1.2218	-3.8505	-1.8407
z610	3.2327	-5.0676	1.5698
x611	-0.2050	0.7260	1.6728
y611	1.4341	-4.1176	-1.4956
z611	3.0736	-4.4856	1.9099
x612	0.0879	0.2752	1.3661
y612	1.5984	-4.5426	-1.1581
z612	2.9418	-4.0589	1.7775
x613	0.4419	-0.2730	1.1416
y613	1.6736	-5.2867	-1.1837
z613	2.8622	-3.6557	1.3761
x614	0.8255	-1.2791	1.0157
y614	1.8751	-5.1533	-1.3244
z614	2.7729	-3.2582	0.7751

x615	1.4472	-2.2639	0.8764
y615	1.8362	-5.0653	-1.4938
z615	2.4461	-3.0622	-0.0123
x616	2.5636	-4.1723	0.4246
y616	1.6533	-4.2368	-0.9072
z616	2.5986	-3.3142	-1.4210
x617	2.7361	-5.1982	0.0276
y617	1.9262	-3.7378	-1.6221
z617	2.2558	-3.4949	-1.9001
x618	2.5589	-5.1025	-0.6199
y618	1.5133	-3.4481	-1.5399
z618	1.8132	-3.3150	-1.9429
x619	2.1497	-4.4688	-0.6932
y619	2.6575	-2.0923	-1.9616
z619	-1.6754	-5.6627	0.0936
x620	0.8896	-5.2006	-0.4004
y620	2.5397	-2.4020	-1.7612
z620	-0.7194	-1.9170	-1.5212
x621	1.9154	-4.4757	-1.8206
y621	2.3578	-0.5403	-1.0256
z621	-2.4944	-1.4338	-0.5273
x622	3.6397	-3.9971	-4.0846
y622	1.6600	2.6580	0.8374
z622	-3.7747	-1.8834	-0.0946
x623	3.7194	-2.8533	-3.0841
y623	-1.8328	2.5955	3.7494
z623	-5.8163	-7.5172	-0.3424
x624	-1.4270	-4.7103	1.2536

y624	-5.3972	1.3694	2.3442
z624	-5.1419	-11.3373	1.3197
x625	-5.1812	-5.2340	3.3740
y625	-9.2632	1.5437	0.1012
z625	2.0533	-14.9849	-4.7280
x626	2.7500	6.2481	-6.1697
y626	-0.7968	0.4467	0.9961
z626	0.4987	6.5510	0.8374
x627	-1.1722	5.7540	-5.5865
y627	-0.7454	0.1726	0.4387
z627	-0.9381	-1.8135	0.9758
x628	-2.7046	4.7527	-3.8538
y628	0.0556	-2.5807	1.7916
z628	0.2765	-3.3511	0.6915
x629	-2.8890	2.3605	-1.4726
y629	0.9713	-3.5965	3.3456
z629	0.9494	-2.3881	-0.3887
x630	-2.3891	0.2424	-0.0830
y630	1.1915	-1.8092	2.9229
z630	1.8709	-2.4564	-1.6484
x631	-1.8556	-1.0818	0.4012
y631	1.5837	-0.5019	1.8850
z631	1.7909	-1.4089	-2.2448
x632	-1.1520	-2.1306	0.5369
y632	1.3232	1.4241	1.0532
z632	2.1572	-1.3562	-2.4530
x633	-0.3206	-3.0136	0.2118
y633	0.8852	2.5716	0.5638

z633	2.6575	-0.3166	-3.4786
x634	0.1270	-3.7920	-0.3316
y634	0.6913	3.5190	-0.6299
z634	2.5785	0.2224	-3.3774
x635	0.3776	-2.9986	-1.3245
y635	1.0995	1.4788	-0.7174
z635	3.1684	-0.7764	-2.6945
x636	0.1104	-1.8042	-0.8483
y636	1.8257	0.3934	-0.1810
z636	3.2373	-0.0247	-2.7613
x637	0.0084	-1.1825	-0.5056
y637	1.7610	2.8236	-1.2222
z637	3.8413	1.0089	-4.5595
x638	-0.1386	-1.6000	0.5355
y638	2.2243	4.1698	-3.1827
z638	3.9127	1.0512	-3.5206
x639	0.0216	-1.5670	1.1129
y639	2.9936	4.7795	-4.6960
z639	3.6002	1.9777	-3.0862
x640	-0.4439	-0.3064	1.1100
y640	3.4891	5.1226	-6.0891
z640	3.0891	3.2130	-3.1317
x641	0.2738	1.6111	-0.1222
y641	3.8963	5.5790	-7.3486
z641	3.2002	3.8858	-2.9225
x642	0.2036	1.5610	0.3652
y642	3.9061	5.3100	-7.7959
z642	2.2861	2.5981	-0.7202

x643	1.0249	2.2061	-1.0661
y643	3.4915	4.4836	-7.5902
z643	1.3983	1.6437	0.3288
x644	0.8443	2.2058	-0.5342
y644	0.7788	1.7484	-5.0774
z644	0.0689	0.3385	1.4836
x645	0.3703	1.1500	0.0612
y645	-1.4959	2.0300	-4.7477
z645	0.5474	0.4899	1.0842
x646	0.4046	0.5444	-0.8633
y646	-2.6876	3.8435	-5.4428
z646	1.2658	0.5828	1.2807
x647	0.5365	-0.0110	-1.9882
y647	-3.5579	5.4644	-5.5523
z647	2.4599	-0.9447	1.5584
x648	0.0471	0.3088	-2.6300
y648	-3.5475	6.1742	-5.0965
z648	3.3591	-2.6093	2.2328
x649	-0.6293	0.9183	-3.3220
y649	-2.9363	5.5327	-4.3226
z649	3.3557	-3.8488	2.5175
x650	-0.9018	1.6117	-3.9844
y650	-2.2235	4.1717	-3.3857
z650	2.9025	-3.7666	2.0029
x651	-0.9655	1.3680	-3.9876
y651	-1.7711	2.2193	-2.2788
z651	2.6317	-2.9995	1.5776
x652	-1.0314	0.4783	-3.5970

y652	-1.3188	-0.2481	-1.4781
z652	2.3425	-1.1594	0.2008
x653	-1.2789	-2.6190	-2.3936
y653	-0.7991	-2.2948	-0.6378
z653	1.7321	2.5918	-1.0334
x654	-1.9025	-4.2927	-1.9558
y654	-0.3928	-1.6126	-0.2459
z654	1.2833	3.8506	-2.0541
x655	-2.3450	-4.1773	-1.8223
y655	0.0822	-0.3332	-0.1828
z655	0.6028	5.1808	-3.1249
x656	-2.3373	-4.1534	-0.9800
y656	0.3597	0.7562	0.0636
z656	0.6642	5.7265	-2.9217
x657	-2.1433	-3.5408	-0.3121
y657	0.6063	2.0346	-0.1818
z657	0.8155	5.5396	-2.7366
x658	-1.7180	-2.5951	0.0887
y658	0.7704	2.7038	-0.3594
z658	1.1494	3.9733	-2.6265
x659	-1.7347	-1.2254	0.4128
y659	0.7440	2.3495	-0.4349
z659	0.9680	2.3430	-2.0551
x660	-1.1743	0.1875	0.2292
y660	0.6225	1.3442	-0.3231
z660	1.4868	1.5827	-1.8585
x661	-0.6751	1.1111	-0.0743
y661	0.5424	0.1983	-0.0661

z661	1.6600	1.2229	-1.5025
x662	-0.2198	1.2738	-0.4864
y662	0.6944	-0.6096	0.2309
z662	1.6032	0.5224	-0.8608
x663	0.7613	1.3155	-0.9931
y663	0.0453	0.2070	1.8991
z663	1.7681	1.0624	-0.3611
x664	0.8080	0.4815	-0.4868
y664	-0.6111	0.1517	3.0875
z664	1.8407	0.4342	0.3440
x665	0.5480	-0.3921	0.8856
y665	-0.7971	-0.5259	3.2290
z665	1.6480	-0.0776	0.8219
x666	0.6944	-1.0862	1.6772
y666	-0.6681	-1.4429	2.3087
z666	1.9030	-0.0225	0.5681
x667	0.6486	-1.5095	1.4723
y667	-0.1853	-2.2882	0.7362
z667	1.2431	0.6868	0.6440
x668	0.9166	-1.9426	0.2140
y668	0.1466	-2.8569	-0.2841
z668	0.6473	1.4698	0.2959
x669	1.1909	-2.6236	-0.9722
y669	0.5507	-3.0308	-0.7126
z669	0.1291	1.7033	0.4929
x670	1.6039	-3.7190	-1.7685
y670	0.9374	-2.4033	-0.7476
z670	-0.1226	1.3358	0.1491

x671	1.1803	-0.8453	-2.5085
y671	0.0263	0.4939	0.1976
z671	-0.2143	1.1087	-1.0090
x672	0.4073	-1.3888	-2.9431
y672	-0.0589	-0.0863	0.7573
z672	0.1745	-0.6334	-1.3550
x673	0.5477	-3.8583	-3.3895
y673	-0.0436	0.0914	1.5377
z673	0.1954	0.1657	-1.5810
x674	0.0070	-4.8539	-2.5762
y674	-0.4059	1.5248	1.7958
z674	-0.0913	1.9198	-0.2089
x675	-0.4768	-3.5711	-2.2277
y675	-0.2403	3.5048	1.7050
z675	0.1518	3.3104	-0.2751
x676	-0.5723	-1.4878	-1.6689
y676	0.2382	4.5656	1.5700
z676	0.6897	2.6600	0.2192
x677	-0.9482	0.0294	-1.2018
y677	0.5061	4.3528	1.6868
z677	0.6784	2.4386	0.4265
x678	-1.1827	0.5590	-0.0757
y678	0.5394	4.3268	1.9258
z678	0.6908	2.0113	1.3035
x679	-1.1912	1.0974	0.4262
y679	0.0917	5.2970	2.1185
z679	0.0106	1.7921	1.4293
x680	-0.8350	1.9092	1.1784

y680	-0.5973	5.8200	2.0549
z680	-0.5987	1.8545	1.4642
x681	-0.8652	3.1115	1.3567
y681	-0.6016	4.1493	1.8984
z681	-0.7428	1.2727	1.0214
x682	-0.8760	4.5647	2.0419
y682	-1.3198	5.3327	1.9171
z682	-0.5844	0.7182	0.4137
x683	-1.2198	4.7858	2.5019
y683	-1.6553	6.3808	1.4371
z683	-0.5127	0.5091	0.1346
x684	-1.4573	4.9112	2.6131
y684	-1.5834	6.0372	0.7380
z684	-0.2808	-1.1974	0.0850
x685	-1.5947	5.2033	2.3006
y685	-1.2275	4.2883	-0.2189
z685	-0.0646	-2.6340	0.0236
x686	-1.3168	5.2382	1.7502
y686	-0.6729	2.1604	-0.6886
z686	0.0560	-2.8973	0.3969
x687	-0.8227	4.2927	1.1603
y687	-0.2371	0.2561	-0.7328
z687	0.2251	-3.0400	0.7435
x688	-0.6390	3.0507	0.6193
y688	-0.2032	-0.9521	-0.7149
z688	-0.2518	-3.5942	1.0786
x689	-0.9096	3.8526	0.3410
y689	-0.4631	-1.7214	-0.7003

z689	-0.4038	-2.2590	1.6793
x690	-1.8219	3.5443	0.4643
y690	-0.1446	-3.5441	-0.0762
z690	0.0230	-2.6156	1.8584
x691	-2.2358	2.6644	0.5544
y691	0.1718	-4.1695	0.4908
z691	0.4182	-2.0245	1.3769
x692	-2.2316	1.8706	0.5172
y692	0.5256	-3.8192	0.6048
z692	0.7046	-1.9826	1.0056
x693	-2.1662	1.4825	0.4431
y693	0.8746	-3.0473	0.3583
z693	0.7174	-1.3935	0.7800
x694	-1.8053	0.4847	0.8217
y694	1.2547	-2.5079	0.3932
z694	0.5917	-1.3928	0.7435
x695	-1.5226	-0.1541	0.7111
y695	1.4206	-1.2975	-0.2153
z695	-0.0473	-1.3036	0.1639
x696	-1.6128	-0.5075	0.9654
y696	1.3561	-0.5818	-0.6472
z696	-0.3348	-0.8194	-0.0898
x697	-1.5688	-0.3813	1.8705
y697	1.0120	-0.2500	-0.9703
z697	-0.6686	-0.4741	-0.3997
x698	-0.1540	-0.5951	0.7964
y698	1.5676	-2.9189	-2.2762
z698	-0.8650	-0.6544	-0.6260

x699	0.4356	-1.9249	-1.4831
y699	2.4661	-1.7388	-3.0640
z699	-1.1954	-1.5416	0.0374
x700	1.0050	-1.0070	-3.3428
y700	3.1579	-1.4363	-3.1537
z700	-1.7046	-2.7303	0.8126
x701	1.7906	-0.7447	-4.7199
y701	3.6007	-2.2151	-3.4726
z701	-2.5248	-2.8145	1.2750
x702	2.6794	-3.0416	-6.9338
y702	3.1329	-1.9287	-3.4219
z702	-3.0695	-1.2833	1.6776
x703	3.7066	-5.0749	-7.8736
y703	1.0949	2.5761	-2.6635
z703	-4.5984	0.8121	1.8821
x704	3.8824	-4.8243	-5.9976
y704	-0.2734	7.2072	-0.8212
z704	-4.8172	-0.0312	1.8293
x705	3.4369	-3.4712	-5.2900
y705	-2.0329	6.8440	-0.0155
z705	-2.9802	-1.5086	2.1901
x706	3.1483	-2.6014	-3.9421
y706	-3.8453	9.1312	-1.3528
z706	-4.0652	-4.4109	3.0419
x707	-5.1812	-5.2340	3.3740
y707	-9.2632	1.5437	0.1012
z707	2.0533	-14.9849	-4.7280
x708	5.4119	5.2204	-1.0958

y708	-0.7732	-2.3009	-3.4794
z708	5.7007	1.1056	1.1899
x709	1.9280	3.7966	0.9659
y709	-2.4957	-0.3993	-1.6582
z709	0.5554	-0.8497	-0.2771
x710	2.9065	1.6559	1.3563
y710	-3.3529	-0.6893	-0.7852
z710	-0.0469	-2.1094	1.1055
x711	2.9545	1.6303	0.8003
y711	-3.2135	-0.5342	-1.1578
z711	1.0187	-3.6766	0.7536
x712	3.2570	0.0408	-0.1638
y712	-2.2365	0.5728	-1.6010
z712	0.6304	-0.9372	0.7126
x713	5.6212	-5.5728	0.1858
y713	-0.9630	-0.6585	-0.9892
z713	-1.2331	4.2339	0.3480
x714	5.5165	-0.2518	1.1966
y714	-0.1797	-1.2597	-0.6578
z714	0.9311	-1.4049	-1.3963
x715	3.8942	6.4603	3.1035
y715	0.9810	-2.5513	-0.1503
z715	0.5212	-4.2978	-1.7628
x716	5.4039	2.2224	3.9598
y716	-0.3981	-1.1433	1.8163
z716	0.6982	3.0514	-1.1775
x717	2.8563	17.0840	9.8061
y717	1.1121	-13.9382	0.5239

z717	-3.0775	12.8383	6.8728
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New Procrustes fit:

Dataset 'PD_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.04210910	0.02863358	0.00720639
2	0.04129905	0.05479516	-0.00333624
3	0.04087519	0.05540986	-0.00035914
4	0.03905054	0.05601103	0.00189979
5	0.03602577	0.05671176	0.00446499
6	0.03298359	0.05724453	0.00656338
7	0.02952919	0.05762087	0.00850596
8	0.02619812	0.05768368	0.01015801
9	0.02290796	0.05767330	0.01156719
10	0.01918273	0.05753291	0.01296426
11	0.01474680	0.05711512	0.01448883
12	0.01008391	0.05643858	0.01557475
13	0.00546024	0.05570702	0.01633361
14	0.00104491	0.05487169	0.01675584
15	-0.00329373	0.05371252	0.01687935
16	-0.00746328	0.05247893	0.01641235
17	-0.01117246	0.05115973	0.01585122
18	-0.01488023	0.04965290	0.01484471
19	-0.01900799	0.04758827	0.01291214
20	-0.02301184	0.04537228	0.01078620
21	-0.02745639	0.04265978	0.00718946

22	-0.03099487	0.03984081	0.00320295
23	-0.03380335	0.03685032	-0.00142115
24	-0.03496981	0.03432392	-0.00663636
25	-0.03474187	0.03254718	-0.01131329
26	-0.03406195	0.03063336	-0.01657799
27	-0.03239444	0.02833197	-0.02289811
28	-0.02970614	0.02631489	-0.02955606
29	-0.02589671	0.02502605	-0.03687970
30	-0.02078810	0.02410922	-0.04246039
31	-0.01432616	0.02441033	-0.04594535
32	-0.00855648	0.02570612	-0.04698282
33	-0.00209246	0.02775793	-0.04688274
34	0.00553314	0.03042728	-0.04570599
35	0.01312747	0.03316881	-0.04352397
36	0.02005853	0.03570166	-0.04078889
37	0.02657707	0.03809171	-0.03749072
38	0.03144203	0.04137738	-0.03282010
39	0.03249002	0.04348845	-0.02942691
40	0.03332220	0.04536548	-0.02573644
41	0.03422839	0.04739849	-0.02182158
42	0.03525050	0.04893464	-0.01875788
43	0.03662169	0.05033423	-0.01572482
44	0.03832497	0.05135977	-0.01274264
45	0.03990877	0.05216454	-0.01003067
46	0.04111424	0.05334065	-0.00642840
47	0.06075530	0.06000636	-0.00010444
48	0.05770290	0.06070474	0.00438273
49	0.05751302	0.06046414	0.00415279

50	0.05476303	0.06095091	0.00603348
51	0.05171943	0.06138575	0.00822630
52	0.04917136	0.06149998	0.00981402
53	0.04662233	0.06164220	0.01140538
54	0.04304060	0.06165873	0.01328040
55	0.03948380	0.06161856	0.01509721
56	0.03568137	0.06196418	0.01705684
57	0.03157625	0.06196912	0.01875354
58	0.02780574	0.06187523	0.02034228
59	0.02370960	0.06159177	0.02185044
60	0.01986525	0.06121304	0.02306276
61	0.01625122	0.06064898	0.02379913
62	0.01273164	0.06040566	0.02482783
63	0.00918482	0.05987293	0.02557576
64	0.00492027	0.05895273	0.02609444
65	0.00105511	0.05835121	0.02644276
66	-0.00283720	0.05764010	0.02647398
67	-0.00664696	0.05680081	0.02631578
68	-0.00990851	0.05581505	0.02580728
69	-0.01265823	0.05507850	0.02529900
70	-0.01525330	0.05430496	0.02458860
71	-0.01813905	0.05307649	0.02351893
72	-0.02178341	0.05137179	0.02184446
73	-0.02518943	0.04976058	0.02028564
74	-0.02721962	0.04856086	0.01891790
75	-0.02974213	0.04701611	0.01707270
76	-0.03272486	0.04533352	0.01498123
77	-0.03500159	0.04373655	0.01293112

78	-0.03690209	0.04207325	0.01065844
79	-0.03924505	0.04011984	0.00777029
80	-0.04160729	0.03819561	0.00473910
81	-0.04402059	0.03637291	0.00160987
82	-0.04651659	0.03468663	-0.00150462
83	-0.04874743	0.03271098	-0.00496108
84	-0.04429081	-0.03375793	-0.01425224
85	-0.04367733	-0.03516794	-0.01109957
86	-0.04348560	-0.03563612	-0.00935882
87	-0.04369843	-0.03555913	-0.00624553
88	-0.04413528	-0.03502496	-0.00390722
89	-0.04464171	-0.03418132	-0.00173782
90	-0.04530078	-0.03295514	0.00099838
91	-0.04607888	-0.03136308	0.00362367
92	-0.04685590	-0.02975283	0.00587508
93	-0.04758434	-0.02832189	0.00764259
94	-0.04785355	-0.02702507	0.00901226
95	-0.04826968	-0.02506731	0.01070566
96	-0.04877087	-0.02237330	0.01236428
97	-0.04924449	-0.01998216	0.01358073
98	-0.04970316	-0.01700411	0.01478636
99	-0.05017447	-0.01393090	0.01569927
100	-0.05046268	-0.01112341	0.01622047
101	-0.05071639	-0.00746216	0.01634230
102	-0.05130036	-0.00328393	0.01579568
103	-0.05130066	0.00061512	0.01466491
104	-0.05096235	0.00424349	0.01280040
105	-0.05060099	0.00710114	0.01090617

106	-0.05031014	0.00959839	0.00881972
107	-0.04980774	0.01217108	0.00609945
108	-0.04918300	0.01415702	0.00343489
109	-0.04834249	0.01612938	0.00039592
110	-0.04766067	0.01737189	-0.00301550
111	-0.04679757	0.01813602	-0.00689363
112	-0.04433980	0.01769240	-0.01470808
113	-0.04288980	0.01607782	-0.02072455
114	-0.04151236	0.01433404	-0.02599443
115	-0.04036053	0.01127937	-0.03135935
116	-0.03970583	0.00814691	-0.03511461
117	-0.03877022	0.00400083	-0.03860859
118	-0.03861388	-0.00119298	-0.04038331
119	-0.03946962	-0.00608139	-0.03964903
120	-0.04109948	-0.01038752	-0.03772828
121	-0.04309013	-0.01301303	-0.03580052
122	-0.04540140	-0.01599403	-0.03298438
123	-0.04743593	-0.01930690	-0.02913021
124	-0.04821372	-0.02256934	-0.02580133
125	-0.04805180	-0.02569271	-0.02308077
126	-0.04702590	-0.02836549	-0.02076950
127	-0.04584082	-0.03066423	-0.01833271
128	-0.04559366	-0.03163614	-0.01730140
129	-0.04583369	-0.05127639	-0.01836208
130	-0.04383574	-0.05179652	-0.01223408
131	-0.04391650	-0.05140783	-0.01048383
132	-0.04362428	-0.05063353	-0.00809746
133	-0.04371505	-0.05025123	-0.00580978

134	-0.04402705	-0.04982237	-0.00352032
135	-0.04420126	-0.04854883	-0.00038909
136	-0.04414880	-0.04766291	0.00114609
137	-0.04436762	-0.04701169	0.00253349
138	-0.04514690	-0.04578323	0.00498735
139	-0.04635833	-0.04365014	0.00825405
140	-0.04700319	-0.04194724	0.01072265
141	-0.04756563	-0.04009518	0.01293856
142	-0.04819667	-0.03797315	0.01524064
143	-0.04880616	-0.03524574	0.01734451
144	-0.04942175	-0.03255856	0.01929865
145	-0.05005390	-0.02991950	0.02126238
146	-0.05070699	-0.02729006	0.02286713
147	-0.05120987	-0.02489571	0.02422065
148	-0.05170067	-0.02142085	0.02523991
149	-0.05233447	-0.01825023	0.02608843
150	-0.05281557	-0.01544565	0.02652760
151	-0.05312464	-0.01211776	0.02676007
152	-0.05346176	-0.00860630	0.02659683
153	-0.05374750	-0.00531557	0.02620847
154	-0.05404821	-0.00175796	0.02560898
155	-0.05418677	0.00180731	0.02465085
156	-0.05414417	0.00515989	0.02350646
157	-0.05416281	0.00905931	0.02140763
158	-0.05408513	0.01271689	0.01877598
159	-0.05385467	0.01605905	0.01600141
160	-0.05330135	0.01878965	0.01323944
161	-0.05252968	0.02170153	0.01012496

162	-0.05186078	0.02446975	0.00704950
163	-0.05090149	0.02715348	0.00344148
164	-0.04983085	0.02996189	-0.00064099
165	-0.04874743	0.03271098	-0.00496108
166	0.07022259	-0.00927302	-0.00943094
167	0.07176298	-0.01256091	-0.00701523
168	0.07189691	-0.01471976	-0.00561251
169	0.07174747	-0.01806821	-0.00344595
170	0.07068052	-0.02148838	-0.00119010
171	0.06948703	-0.02466544	0.00075783
172	0.06790948	-0.02731320	0.00225365
173	0.06588302	-0.02977039	0.00358526
174	0.06341559	-0.03246921	0.00504071
175	0.06065572	-0.03533276	0.00659263
176	0.05838301	-0.03739601	0.00785597
177	0.05611539	-0.03922053	0.00884624
178	0.05337436	-0.04111738	0.00975251
179	0.05081346	-0.04259782	0.01040171
180	0.04803980	-0.04407945	0.01098394
181	0.04455757	-0.04568275	0.01148857
182	0.04157816	-0.04676029	0.01173782
183	0.03858890	-0.04773015	0.01174990
184	0.03469518	-0.04861137	0.01163069
185	0.03092308	-0.04894646	0.01147836
186	0.02771884	-0.04910851	0.01111577
187	0.02466919	-0.04924927	0.01050020
188	0.02055799	-0.04917175	0.00926765
189	0.01716995	-0.04869016	0.00814923

190	0.01330786	-0.04787665	0.00673119
191	0.00973396	-0.04700652	0.00527339
192	0.00571258	-0.04601764	0.00310413
193	0.00150142	-0.04491612	0.00039804
194	-0.00325538	-0.04339118	-0.00310683
195	-0.00729793	-0.04133155	-0.00677722
196	-0.01112559	-0.03845755	-0.01154405
197	-0.01375158	-0.03522137	-0.01635249
198	-0.01501788	-0.03196450	-0.02066300
199	-0.01550946	-0.02854579	-0.02482337
200	-0.01549454	-0.02500998	-0.02910094
201	-0.01476992	-0.02053354	-0.03386587
202	-0.01298819	-0.01478237	-0.03964200
203	-0.00899770	-0.00811861	-0.04379944
204	-0.00353434	-0.00244106	-0.04554077
205	0.00214067	0.00223988	-0.04586451
206	0.00906670	0.00637270	-0.04550113
207	0.01597633	0.00919943	-0.04454038
208	0.02254728	0.01088725	-0.04244818
209	0.02922021	0.01167663	-0.03933041
210	0.03588638	0.01160636	-0.03501115
211	0.04202938	0.01062191	-0.02911863
212	0.04616185	0.00842252	-0.02457831
213	0.04999847	0.00571436	-0.02083368
214	0.05368208	0.00311287	-0.01786604
215	0.05763377	0.00073691	-0.01558511
216	0.06121330	-0.00126103	-0.01394685
217	0.06463612	-0.00344261	-0.01241400

218	0.06806268	-0.00529628	-0.01107956
219	0.06814482	-0.00668292	-0.01083102
220	0.09100642	-0.00079381	-0.00784321
221	0.09088382	-0.00634326	-0.00492033
222	0.09038718	-0.00969149	-0.00331454
223	0.08898208	-0.01398315	-0.00160914
224	0.08732472	-0.01778569	-0.00000214
225	0.08582126	-0.02092882	0.00134123
226	0.08428470	-0.02382032	0.00257207
227	0.08253265	-0.02656421	0.00382003
228	0.08036833	-0.02952557	0.00522491
229	0.07868570	-0.03190352	0.00662643
230	0.07688119	-0.03423226	0.00798657
231	0.07459133	-0.03668711	0.00947363
232	0.07221878	-0.03922534	0.01104830
233	0.07020150	-0.04114921	0.01198473
234	0.06788302	-0.04311409	0.01307467
235	0.06509511	-0.04531258	0.01425893
236	0.06225025	-0.04745931	0.01543751
237	0.05926053	-0.04959077	0.01630127
238	0.05620938	-0.05159327	0.01718128
239	0.05259449	-0.05323531	0.01765360
240	0.04910879	-0.05486883	0.01823739
241	0.04525781	-0.05637481	0.01862489
242	0.04043056	-0.05759811	0.01861273
243	0.03614190	-0.05843433	0.01850069
244	0.03231250	-0.05909333	0.01833782
245	0.02743324	-0.05943253	0.01777638

246	0.02243336	-0.05931425	0.01683533
247	0.01765943	-0.05889019	0.01560583
248	0.01277384	-0.05818736	0.01405731
249	0.00818344	-0.05709378	0.01216521
250	0.00377560	-0.05590683	0.00998363
251	-0.00093061	-0.05450209	0.00748635
252	-0.00545273	-0.05276207	0.00467662
253	-0.01047034	-0.05050016	0.00109684
254	-0.01519519	-0.04798102	-0.00261826
255	-0.01948338	-0.04577823	-0.00581358
256	-0.02366711	-0.04320685	-0.00978436

Procrustes sums of squares: 0.24443931539172967

Tangent sums of squares: 0.2421380384414816

Data matrices in this dataset:

- PD_Canals, raw data
- PD_Canals, centroid size
- PD_Canals, Procrustes coordinates

New Procrustes fit:

Dataset 'PD_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	-0.04210910	0.02863358	0.00720639
2	0.04129905	0.05479516	-0.00333624
3	0.04087519	0.05540986	-0.00035914
4	0.03905054	0.05601103	0.00189979
5	0.03602577	0.05671176	0.00446499
6	0.03298359	0.05724453	0.00656338
7	0.02952919	0.05762087	0.00850596
8	0.02619812	0.05768368	0.01015801
9	0.02290796	0.05767330	0.01156719
10	0.01918273	0.05753291	0.01296426
11	0.01474680	0.05711512	0.01448883
12	0.01008391	0.05643858	0.01557475
13	0.00546024	0.05570702	0.01633361
14	0.00104491	0.05487169	0.01675584
15	-0.00329373	0.05371252	0.01687935
16	-0.00746328	0.05247893	0.01641235
17	-0.01117246	0.05115973	0.01585122
18	-0.01488023	0.04965290	0.01484471
19	-0.01900799	0.04758827	0.01291214
20	-0.02301184	0.04537228	0.01078620
21	-0.02745639	0.04265978	0.00718946
22	-0.03099487	0.03984081	0.00320295
23	-0.03380335	0.03685032	-0.00142115
24	-0.03496981	0.03432392	-0.00663636
25	-0.03474187	0.03254718	-0.01131329

26	-0.03406195	0.03063336	-0.01657799
27	-0.03239444	0.02833197	-0.02289811
28	-0.02970614	0.02631489	-0.02955606
29	-0.02589671	0.02502605	-0.03687970
30	-0.02078810	0.02410922	-0.04246039
31	-0.01432616	0.02441033	-0.04594535
32	-0.00855648	0.02570612	-0.04698282
33	-0.00209246	0.02775793	-0.04688274
34	0.00553314	0.03042728	-0.04570599
35	0.01312747	0.03316881	-0.04352397
36	0.02005853	0.03570166	-0.04078889
37	0.02657707	0.03809171	-0.03749072
38	0.03144203	0.04137738	-0.03282010
39	0.03249002	0.04348845	-0.02942691
40	0.03332220	0.04536548	-0.02573644
41	0.03422839	0.04739849	-0.02182158
42	0.03525050	0.04893464	-0.01875788
43	0.03662169	0.05033423	-0.01572482
44	0.03832497	0.05135977	-0.01274264
45	0.03990877	0.05216454	-0.01003067
46	0.04111424	0.05334065	-0.00642840
47	0.06075530	0.06000636	-0.00010444
48	0.05770290	0.06070474	0.00438273
49	0.05751302	0.06046414	0.00415279
50	0.05476303	0.06095091	0.00603348
51	0.05171943	0.06138575	0.00822630
52	0.04917136	0.06149998	0.00981402
53	0.04662233	0.06164220	0.01140538

54	0.04304060	0.06165873	0.01328040
55	0.03948380	0.06161856	0.01509721
56	0.03568137	0.06196418	0.01705684
57	0.03157625	0.06196912	0.01875354
58	0.02780574	0.06187523	0.02034228
59	0.02370960	0.06159177	0.02185044
60	0.01986525	0.06121304	0.02306276
61	0.01625122	0.06064898	0.02379913
62	0.01273164	0.06040566	0.02482783
63	0.00918482	0.05987293	0.02557576
64	0.00492027	0.05895273	0.02609444
65	0.00105511	0.05835121	0.02644276
66	-0.00283720	0.05764010	0.02647398
67	-0.00664696	0.05680081	0.02631578
68	-0.00990851	0.05581505	0.02580728
69	-0.01265823	0.05507850	0.02529900
70	-0.01525330	0.05430496	0.02458860
71	-0.01813905	0.05307649	0.02351893
72	-0.02178341	0.05137179	0.02184446
73	-0.02518943	0.04976058	0.02028564
74	-0.02721962	0.04856086	0.01891790
75	-0.02974213	0.04701611	0.01707270
76	-0.03272486	0.04533352	0.01498123
77	-0.03500159	0.04373655	0.01293112
78	-0.03690209	0.04207325	0.01065844
79	-0.03924505	0.04011984	0.00777029
80	-0.04160729	0.03819561	0.00473910
81	-0.04402059	0.03637291	0.00160987

82	-0.04651659	0.03468663	-0.00150462
83	-0.04874743	0.03271098	-0.00496108
84	-0.04429081	-0.03375793	-0.01425224
85	-0.04367733	-0.03516794	-0.01109957
86	-0.04348560	-0.03563612	-0.00935882
87	-0.04369843	-0.03555913	-0.00624553
88	-0.04413528	-0.03502496	-0.00390722
89	-0.04464171	-0.03418132	-0.00173782
90	-0.04530078	-0.03295514	0.00099838
91	-0.04607888	-0.03136308	0.00362367
92	-0.04685590	-0.02975283	0.00587508
93	-0.04758434	-0.02832189	0.00764259
94	-0.04785355	-0.02702507	0.00901226
95	-0.04826968	-0.02506731	0.01070566
96	-0.04877087	-0.02237330	0.01236428
97	-0.04924449	-0.01998216	0.01358073
98	-0.04970316	-0.01700411	0.01478636
99	-0.05017447	-0.01393090	0.01569927
100	-0.05046268	-0.01112341	0.01622047
101	-0.05071639	-0.00746216	0.01634230
102	-0.05130036	-0.00328393	0.01579568
103	-0.05130066	0.00061512	0.01466491
104	-0.05096235	0.00424349	0.01280040
105	-0.05060099	0.00710114	0.01090617
106	-0.05031014	0.00959839	0.00881972
107	-0.04980774	0.01217108	0.00609945
108	-0.04918300	0.01415702	0.00343489
109	-0.04834249	0.01612938	0.00039592

110	-0.04766067	0.01737189	-0.00301550
111	-0.04679757	0.01813602	-0.00689363
112	-0.04433980	0.01769240	-0.01470808
113	-0.04288980	0.01607782	-0.02072455
114	-0.04151236	0.01433404	-0.02599443
115	-0.04036053	0.01127937	-0.03135935
116	-0.03970583	0.00814691	-0.03511461
117	-0.03877022	0.00400083	-0.03860859
118	-0.03861388	-0.00119298	-0.04038331
119	-0.03946962	-0.00608139	-0.03964903
120	-0.04109948	-0.01038752	-0.03772828
121	-0.04309013	-0.01301303	-0.03580052
122	-0.04540140	-0.01599403	-0.03298438
123	-0.04743593	-0.01930690	-0.02913021
124	-0.04821372	-0.02256934	-0.02580133
125	-0.04805180	-0.02569271	-0.02308077
126	-0.04702590	-0.02836549	-0.02076950
127	-0.04584082	-0.03066423	-0.01833271
128	-0.04559366	-0.03163614	-0.01730140
129	-0.04583369	-0.05127639	-0.01836208
130	-0.04383574	-0.05179652	-0.01223408
131	-0.04391650	-0.05140783	-0.01048383
132	-0.04362428	-0.05063353	-0.00809746
133	-0.04371505	-0.05025123	-0.00580978
134	-0.04402705	-0.04982237	-0.00352032
135	-0.04420126	-0.04854883	-0.00038909
136	-0.04414880	-0.04766291	0.00114609
137	-0.04436762	-0.04701169	0.00253349

138	-0.04514690	-0.04578323	0.00498735
139	-0.04635833	-0.04365014	0.00825405
140	-0.04700319	-0.04194724	0.01072265
141	-0.04756563	-0.04009518	0.01293856
142	-0.04819667	-0.03797315	0.01524064
143	-0.04880616	-0.03524574	0.01734451
144	-0.04942175	-0.03255856	0.01929865
145	-0.05005390	-0.02991950	0.02126238
146	-0.05070699	-0.02729006	0.02286713
147	-0.05120987	-0.02489571	0.02422065
148	-0.05170067	-0.02142085	0.02523991
149	-0.05233447	-0.01825023	0.02608843
150	-0.05281557	-0.01544565	0.02652760
151	-0.05312464	-0.01211776	0.02676007
152	-0.05346176	-0.00860630	0.02659683
153	-0.05374750	-0.00531557	0.02620847
154	-0.05404821	-0.00175796	0.02560898
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175	0.06065572	-0.03533276	0.00659263
176	0.05838301	-0.03739601	0.00785597
177	0.05611539	-0.03922053	0.00884624
178	0.05337436	-0.04111738	0.00975251
179	0.05081346	-0.04259782	0.01040171
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182	0.04157816	-0.04676029	0.01173782
183	0.03858890	-0.04773015	0.01174990
184	0.03469518	-0.04861137	0.01163069
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187	0.02466919	-0.04924927	0.01050020
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190	0.01330786	-0.04787665	0.00673119
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192	0.00571258	-0.04601764	0.00310413
193	0.00150142	-0.04491612	0.00039804

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195	-0.00729793	-0.04133155	-0.00677722
196	-0.01112559	-0.03845755	-0.01154405
197	-0.01375158	-0.03522137	-0.01635249
198	-0.01501788	-0.03196450	-0.02066300
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200	-0.01549454	-0.02500998	-0.02910094
201	-0.01476992	-0.02053354	-0.03386587
202	-0.01298819	-0.01478237	-0.03964200
203	-0.00899770	-0.00811861	-0.04379944
204	-0.00353434	-0.00244106	-0.04554077
205	0.00214067	0.00223988	-0.04586451
206	0.00906670	0.00637270	-0.04550113
207	0.01597633	0.00919943	-0.04454038
208	0.02254728	0.01088725	-0.04244818
209	0.02922021	0.01167663	-0.03933041
210	0.03588638	0.01160636	-0.03501115
211	0.04202938	0.01062191	-0.02911863
212	0.04616185	0.00842252	-0.02457831
213	0.04999847	0.00571436	-0.02083368
214	0.05368208	0.00311287	-0.01786604
215	0.05763377	0.00073691	-0.01558511
216	0.06121330	-0.00126103	-0.01394685
217	0.06463612	-0.00344261	-0.01241400
218	0.06806268	-0.00529628	-0.01107956
219	0.06814482	-0.00668292	-0.01083102
220	0.09100642	-0.00079381	-0.00784321
221	0.09088382	-0.00634326	-0.00492033

222	0.09038718	-0.00969149	-0.00331454
223	0.08898208	-0.01398315	-0.00160914
224	0.08732472	-0.01778569	-0.00000214
225	0.08582126	-0.02092882	0.00134123
226	0.08428470	-0.02382032	0.00257207
227	0.08253265	-0.02656421	0.00382003
228	0.08036833	-0.02952557	0.00522491
229	0.07868570	-0.03190352	0.00662643
230	0.07688119	-0.03423226	0.00798657
231	0.07459133	-0.03668711	0.00947363
232	0.07221878	-0.03922534	0.01104830
233	0.07020150	-0.04114921	0.01198473
234	0.06788302	-0.04311409	0.01307467
235	0.06509511	-0.04531258	0.01425893
236	0.06225025	-0.04745931	0.01543751
237	0.05926053	-0.04959077	0.01630127
238	0.05620938	-0.05159327	0.01718128
239	0.05259449	-0.05323531	0.01765360
240	0.04910879	-0.05486883	0.01823739
241	0.04525781	-0.05637481	0.01862489
242	0.04043056	-0.05759811	0.01861273
243	0.03614190	-0.05843433	0.01850069
244	0.03231250	-0.05909333	0.01833782
245	0.02743324	-0.05943253	0.01777638
246	0.02243336	-0.05931425	0.01683533
247	0.01765943	-0.05889019	0.01560583
248	0.01277384	-0.05818736	0.01405731
249	0.00818344	-0.05709378	0.01216521

250	0.00377560	-0.05590683	0.00998363
251	-0.00093061	-0.05450209	0.00748635
252	-0.00545273	-0.05276207	0.00467662
253	-0.01047034	-0.05050016	0.00109684
254	-0.01519519	-0.04798102	-0.00261826
255	-0.01948338	-0.04577823	-0.00581358
256	-0.02366711	-0.04320685	-0.00978436

Procrustes sums of squares: 0.24443931539172967

Tangent sums of squares: 0.2421380384414816

Data matrices in this dataset:

- PD_Canals, raw data
- PD_Canals, centroid size
- PD_Canals, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, PD_Canals, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00163153	20.888	20.888
2.	0.00087228	11.167	32.055
3.	0.00081848	10.479	42.534
4.	0.00072073	9.227	51.761
5.	0.00056332	7.212	58.973
6.	0.00042548	5.447	64.421

7.	0.00039127	5.009	69.430
8.	0.00027524	3.524	72.954
9.	0.00025677	3.287	76.241
10.	0.00024781	3.173	79.414
11.	0.00020007	2.561	81.975
12.	0.00017638	2.258	84.233
13.	0.00015229	1.950	86.183
14.	0.00013679	1.751	87.934
15.	0.00011802	1.511	89.445
16.	0.00010238	1.311	90.756
17.	0.00009262	1.186	91.942
18.	0.00007947	1.017	92.959
19.	0.00006959	0.891	93.850
20.	0.00006619	0.847	94.697
21.	0.00005556	0.711	95.409
22.	0.00005265	0.674	96.083
23.	0.00004742	0.607	96.690
24.	0.00004666	0.597	97.287
25.	0.00004072	0.521	97.809
26.	0.00003827	0.490	98.299
27.	0.00003511	0.450	98.748
28.	0.00002998	0.384	99.132
29.	0.00002645	0.339	99.470
30.	0.00002318	0.297	99.767
31.	0.00001818	0.233	100.000

Total variance: 0.00781090

Variance of the eigenvalues: 0.0000000073130

Eigenvalue variance scaled by total variance: 0.00012

Eigenvalue variance scaled by total variance and number of variables: 0.09134

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 761.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

- the degrees of freedom are less than the shape dimensionality (sample size, etc.).
- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.029837		-0.018588		-0.031182		-0.043466		-0.025184		0.001178	
	0.049414		0.061275		0.008705		-0.003000		0.031447		0.045722	
	-0.025823		-0.122990		0.006837		0.002682		0.059054		0.050187	
	-0.001644		0.042732		0.026589		0.055778		0.070829		-0.028968	
	-0.049335		-0.027108		0.068316		-0.009578		-0.061816		0.011805	
	-0.025861											
y1	-0.004840		0.059916		-0.017674		0.017746		-0.023383		-0.012329	
	-0.022264		0.020370		0.017162		-0.035820		0.007619		0.009938	
	-0.004432		-0.032534		-0.013922		-0.041542		0.025134		-0.011227	
	-0.057037		0.036373		-0.025166		0.050404		0.020782		0.000209	
	0.130896		-0.020720		-0.110630		0.067528		0.011033		0.013931	
	-0.044027											
z1	0.025069		-0.075027		-0.006695		0.112484		0.018671		0.001782	
	0.007795		-0.081430		0.092680		0.072309		-0.012633		0.056112	
	-0.000032		-0.039995		0.035126		-0.025545		-0.085046		0.040545	
	-0.053149		0.020307		-0.124014		0.013518		-0.002315		0.006571	
	-0.039488		-0.049416		0.008400		-0.006683		-0.021897		-0.029066	
	-0.082694											
x2	-0.045784		-0.019913		-0.059628		-0.051821		0.107017		0.003699	
	-0.031783		-0.016877		0.020153		0.001767		-0.030075		-0.022831	

	0.035148	0.060686	0.026719	-0.062201	-0.087044	-0.043395
	0.069428	0.002217	-0.029896	-0.000005	-0.032234	-0.030435
	-0.008359	0.021982	0.055943	0.065400	0.022173	0.024662
	0.015289					
y2	-0.036380	-0.028216	0.022232	-0.022148	-0.000494	0.050256
	0.054041	0.004846	0.021835	-0.029365	0.033329	0.000500
	-0.001507	0.010726	0.038257	0.025836	-0.036591	-0.012780
	0.000124	0.048213	0.081334	0.011392	0.010614	0.050205
	-0.051998	0.004068	-0.009399	0.074214	0.042644	0.020586
	0.008388					
z2	0.004555	0.052972	-0.020991	-0.030567	-0.019913	0.059358
	-0.020416	0.108542	-0.034334	-0.019172	0.028711	0.053662
	0.033964	-0.011792	0.013063	-0.009071	-0.109181	-0.004567
	-0.075004	-0.094458	0.039380	0.020428	0.013355	0.074745
	-0.130177	-0.000016	0.079815	-0.101604	0.046701	0.018957
	-0.071523					
x3	-0.039413	-0.016423	-0.037399	-0.055567	0.078269	0.005831
	-0.014703	0.022363	-0.006410	-0.012939	-0.031410	-0.012627
	-0.005999	0.028502	-0.005993	-0.067741	-0.107425	-0.010008
	-0.000901	0.011371	-0.004299	-0.006502	0.009137	0.026515
	-0.041789	-0.045006	0.018710	0.032884	0.056231	0.019657
	-0.016839					
y3	-0.053250	-0.027780	0.024848	-0.015233	0.017518	0.048319
	0.051507	-0.011901	0.021589	-0.026008	0.016699	0.010113
	-0.002573	0.015718	0.038683	0.012344	-0.002573	-0.008804
	-0.023072	0.048742	0.025758	-0.019586	-0.022178	0.025899
	-0.029351	-0.029432	-0.007520	0.042898	0.056191	0.006605
	0.077935					
z3	-0.010575	0.013957	-0.022264	-0.021016	0.018974	0.031557
	-0.059304	0.020262	-0.002271	-0.000417	-0.006516	-0.010235
	-0.002537	0.002344	0.061848	0.027302	-0.030516	0.011993
	0.007961	-0.049074	-0.004584	-0.035038	0.032745	-0.002866
	-0.029853	0.026434	-0.009662	0.030224	0.028484	0.048751
	0.012166					
x4	-0.032873	-0.015586	-0.026090	-0.049937	0.057836	-0.000852
	0.003312	0.010315	-0.018190	-0.010921	-0.028219	-0.002526
	-0.015971	0.017790	-0.006479	-0.044886	-0.058351	0.011671
	0.006119	0.015999	-0.003212	0.002470	-0.004913	0.043565
	-0.046511	-0.052334	-0.010352	0.019365	0.061204	0.009370
	-0.018309					

y4	-0.063153	-0.031386	0.024328	-0.022022	0.025908	0.058966
	0.056099	-0.020900	0.021602	-0.035516	0.017979	0.028930
	0.006527	0.035650	0.030593	0.001829	-0.026705	-0.021124
	-0.026018	0.045097	0.003688	-0.054281	-0.024499	0.039609
	-0.015795	-0.033360	-0.000315	0.036865	0.052191	0.006330
	0.036532					
z4	-0.015909	0.008847	-0.027985	-0.028709	0.043205	0.038708
	-0.044750	0.042969	-0.000800	-0.011347	-0.013225	-0.009751
	0.009931	0.024288	0.037910	-0.024581	-0.083989	-0.029060
	0.011654	-0.021016	-0.017341	-0.006091	0.032298	0.018425
	0.010880	0.005194	0.010220	0.003550	0.031338	0.024825
	-0.019041					
x5	-0.027701	-0.015403	-0.027090	-0.044593	0.036480	-0.011044
	0.006388	0.009924	-0.030382	0.006345	-0.036683	-0.004856
	-0.020241	0.020935	-0.014405	-0.037138	-0.038153	0.036494
	0.018164	0.000975	0.014251	0.004951	-0.031899	0.024046
	-0.028714	-0.019693	-0.007613	0.012018	0.053274	0.009432
	-0.045460					
y5	-0.067990	-0.030770	0.019836	-0.025402	0.023898	0.058844
	0.058490	-0.021617	0.001935	-0.041751	0.022929	0.031358
	0.004835	0.030729	0.037883	0.010661	-0.012430	0.000060
	-0.015603	0.046275	-0.009097	-0.071430	-0.026264	0.038998
	-0.014083	-0.055508	0.001023	0.031273	0.052140	0.005557
	0.035875					
z5	-0.020240	0.005841	-0.027674	-0.033950	0.054849	0.029487
	-0.030050	0.041965	0.000202	-0.012597	-0.015134	-0.015791
	0.005607	0.034533	0.006285	-0.041542	-0.070370	-0.038619
	-0.010531	-0.021522	-0.029078	0.022549	0.022678	0.031832
	0.022299	-0.017787	-0.002312	-0.026720	0.033918	0.002802
	-0.006419					
x6	-0.027209	-0.017758	-0.022407	-0.040402	0.025925	-0.010566
	0.000270	0.005013	-0.025503	0.004679	-0.033881	-0.011267
	-0.010888	0.013854	-0.027374	-0.023669	-0.036255	0.020146
	-0.007010	0.009646	-0.004448	-0.010825	-0.025549	0.019475
	-0.015929	-0.003093	-0.010798	-0.006205	0.026668	0.023932
	-0.043352					
y6	-0.068671	-0.028359	0.015125	-0.027710	0.018656	0.054698
	0.061821	-0.016229	-0.016956	-0.048558	0.024719	0.034646
	0.000471	0.026507	0.048288	0.021541	-0.002415	0.017580
	0.005746	0.041818	-0.004761	-0.069034	-0.030276	0.046408
	-0.013943	-0.068024	-0.000432	0.031228	0.057685	-0.004510
	0.025861					

z6	-0.024993	-0.000227	-0.029415	-0.037583	0.063204	0.020078
	-0.015706	0.039293	0.003170	-0.010870	-0.011264	-0.025489
	0.000854	0.037478	-0.021382	-0.046347	-0.054370	-0.036617
	-0.035233	-0.021610	-0.038662	0.053117	-0.000396	0.021609
	0.031696	-0.023497	-0.011120	-0.046277	0.026876	-0.011471
	0.001769					
x7	-0.025088	-0.016474	-0.016146	-0.036323	0.019183	-0.013468
	-0.008684	0.009907	-0.021354	0.009487	-0.028039	-0.021457
	-0.006571	0.005864	-0.042647	-0.015940	-0.031529	-0.002544
	-0.021732	0.012288	-0.009808	-0.019960	-0.017408	0.010372
	-0.004049	-0.014232	-0.011861	-0.023771	0.005009	0.046702
	-0.033336					
y7	-0.069606	-0.026001	0.008713	-0.026624	0.014110	0.052493
	0.059579	-0.006315	-0.029955	-0.056861	0.031682	0.021480
	0.003732	0.020836	0.042231	0.022795	0.008013	0.019732
	0.005942	0.038084	-0.009423	-0.054782	-0.028738	0.062145
	-0.008716	-0.067693	0.000034	0.018809	0.056988	-0.011168
	0.015908					
z7	-0.028651	-0.010187	-0.027804	-0.039563	0.061184	0.018353
	-0.011262	0.039039	0.002165	-0.008913	-0.006253	-0.018825
	-0.018739	0.021775	-0.025284	-0.032959	-0.065975	-0.035630
	-0.015364	-0.021294	-0.032466	0.039430	-0.026241	0.019096
	0.018876	-0.031045	-0.023824	-0.039519	0.014547	0.013500
	-0.028786					
x8	-0.020878	-0.012583	-0.013271	-0.030956	0.015352	-0.020563
	-0.005230	0.011722	-0.022028	0.005205	-0.026438	-0.031117
	-0.012145	0.006192	-0.041108	-0.008509	-0.013117	-0.008646
	-0.024879	0.002853	0.012189	0.000908	-0.001236	0.003167
	-0.007135	-0.017164	-0.020912	-0.007259	0.004065	0.038191
	-0.001290					
y8	-0.070623	-0.025204	0.001326	-0.023803	0.007915	0.049651
	0.049768	0.000860	-0.041632	-0.057927	0.032877	0.008165
	0.005918	0.012632	0.035035	0.019641	0.015496	0.015137
	0.014138	0.028418	-0.010371	-0.047955	-0.023194	0.071492
	-0.017144	-0.056914	0.004579	0.008557	0.057534	0.002327
	0.005684					
z8	-0.030060	-0.012440	-0.025189	-0.037343	0.055524	0.017011
	-0.007794	0.041214	-0.001568	-0.015168	0.004391	-0.041192
	-0.026591	0.012795	-0.025721	-0.021279	-0.058390	-0.037981
	-0.017415	-0.012552	-0.022870	0.015014	-0.012232	0.015104
	-0.000885	-0.022765	-0.015469	-0.025198	-0.002268	0.004520
	-0.044123					

x9	-0.018114	-0.016306	-0.012348	-0.027793	0.010884	-0.021081
	0.001401	0.004190	-0.014619	0.009959	-0.027319	-0.022735
	-0.015626	0.003884	-0.034339	-0.003108	-0.004785	-0.003158
	-0.030801	0.006068	0.013348	0.006689	-0.015768	0.003859
	-0.014144	0.000103	-0.018129	0.020006	0.001392	0.021505
	-0.007117					
y9	-0.071986	-0.025223	-0.006462	-0.019747	0.005345	0.047942
	0.042386	0.008436	-0.048554	-0.054064	0.029080	-0.003355
	0.005075	0.007384	0.029561	0.018968	0.025133	0.014690
	0.024942	0.028057	-0.009657	-0.040616	-0.011459	0.081083
	-0.017986	-0.048691	0.005427	0.005927	0.060037	0.004905
	0.001777					
z9	-0.034991	-0.012316	-0.027976	-0.036512	0.056127	0.012341
	-0.006461	0.044860	-0.006813	-0.018765	0.002281	-0.061167
	-0.029074	0.017574	-0.019112	-0.030193	-0.033199	-0.037004
	0.004328	-0.021572	-0.016212	0.012222	0.012246	0.021728
	0.001970	-0.026183	-0.006238	-0.018284	0.005177	-0.040149
	-0.005408					
x10	-0.013531	-0.018100	-0.004180	-0.022566	0.010208	-0.019116
	0.003999	0.003389	-0.011961	0.011491	-0.034317	-0.022163
	-0.019455	0.000029	-0.022384	0.001709	-0.000945	-0.006535
	-0.034720	0.004849	0.001680	0.010664	-0.032593	-0.015280
	-0.010398	0.007650	-0.013924	0.012792	-0.023132	0.025756
	-0.006932					
y10	-0.074263	-0.028730	-0.012992	-0.013943	0.002720	0.047048
	0.035925	0.014123	-0.048611	-0.046953	0.025904	-0.012084
	0.002188	0.005226	0.024841	0.016683	0.038273	0.008017
	0.033886	0.023334	-0.012857	-0.029395	-0.010361	0.098872
	-0.017409	-0.037279	-0.003322	0.015122	0.056399	-0.004293
	-0.008877					
z10	-0.042229	-0.016061	-0.027730	-0.033020	0.056895	0.011538
	-0.003565	0.020740	-0.004371	-0.007271	-0.010779	-0.057047
	-0.040258	0.022044	-0.016080	-0.023213	-0.019277	-0.033612
	0.005864	-0.038303	-0.015120	-0.001538	0.012832	0.004668
	-0.005344	0.006966	0.008675	0.008769	-0.031541	-0.038279
	0.010081					
x11	-0.005120	-0.012955	0.009312	-0.021218	0.004769	-0.021085
	-0.000858	0.002431	-0.012183	0.009795	-0.036388	-0.007561
	-0.018334	-0.010500	-0.007516	0.010009	-0.005047	-0.005096
	-0.025775	-0.012844	-0.005136	0.014370	-0.039607	-0.018951
	0.002204	0.003107	-0.031886	0.016605	-0.028418	0.046325
	0.001710					

y11	-0.080999	-0.030667	-0.010909	-0.006344	0.004760	0.041069
	0.030089	0.018444	-0.037591	-0.040345	0.020252	-0.025969
	-0.004102	-0.017986	0.030541	0.010494	0.052456	-0.003325
	0.043368	0.019307	0.002819	-0.045966	0.015926	0.129548
	-0.035538	-0.008767	-0.015376	0.012796	0.044004	-0.028059
	-0.010694					
z11	-0.046202	-0.018835	-0.023497	-0.029760	0.057852	0.011112
	0.005760	0.002527	-0.003173	-0.009656	-0.015701	-0.050891
	-0.039619	0.017426	-0.018064	-0.012175	-0.007685	-0.033771
	-0.015422	-0.019634	-0.021897	0.006447	-0.009784	-0.006672
	-0.003522	0.019782	0.011814	0.021153	-0.030817	-0.026209
	-0.024734					
x12	-0.003290	-0.010253	0.019222	-0.022036	0.004993	-0.026232
	0.004372	0.003587	0.002530	0.015230	-0.028066	-0.004947
	-0.005945	-0.001012	-0.005422	-0.003313	0.002951	-0.008728
	-0.036227	-0.013929	-0.023125	0.022637	-0.036824	-0.005664
	0.021241	-0.000984	-0.004396	0.016789	-0.021584	-0.002946
	-0.000039					
y12	-0.080443	-0.022675	-0.004159	-0.000695	0.000882	0.029365
	0.014338	0.027899	-0.041007	-0.033711	0.005175	-0.052283
	0.007445	-0.035438	0.016232	0.006170	0.065151	0.002579
	0.023757	0.016799	0.000550	-0.052580	0.030331	0.080453
	-0.027849	0.002864	-0.000585	-0.047889	0.030766	-0.041524
	-0.013119					
z12	-0.051469	-0.023713	-0.017475	-0.025244	0.064142	0.008826
	0.014782	0.017946	0.000032	-0.017338	-0.000072	-0.071608
	-0.030468	0.028400	-0.031786	-0.012113	0.019735	-0.032657
	-0.026478	0.010451	-0.032308	0.043447	-0.028743	-0.002785
	0.000345	0.006387	0.039296	0.012164	-0.029974	-0.035049
	-0.015887					
x13	-0.000017	-0.010111	0.020730	-0.023630	0.002407	-0.027118
	0.007638	-0.000618	0.006893	0.017279	-0.029418	0.003193
	-0.008285	0.009939	0.002266	-0.001948	-0.000392	-0.008609
	-0.040545	-0.009945	-0.027409	0.007631	-0.042792	-0.008680
	0.024435	-0.001732	0.010796	0.016639	-0.024909	-0.018409
	-0.009212					
y13	-0.079246	-0.019175	-0.002458	0.009295	-0.002156	0.027634
	-0.001106	0.031218	-0.039961	-0.026862	0.001707	-0.070804
	0.015781	-0.034655	-0.006818	-0.001846	0.073488	0.009029
	-0.004128	0.008626	-0.007088	-0.030726	0.027611	0.051405
	-0.015721	0.024389	0.011806	-0.080846	0.030356	-0.040310
	-0.029927					

z13	-0.052153	-0.025896	-0.008696	-0.027917	0.069591	0.000177
	0.025941	0.014029	-0.008785	-0.024317	-0.008797	-0.055287
	-0.043972	0.029445	0.004158	0.018366	0.036500	-0.019705
	0.004507	0.027731	0.005626	0.022870	-0.017690	0.013968
	-0.004296	-0.010874	0.018579	0.017766	-0.011179	-0.032704
	-0.028451					
x14	0.007610	-0.006909	0.024143	-0.028012	0.000024	-0.030916
	0.008410	-0.002069	0.003918	0.011867	-0.033206	0.028414
	-0.015922	0.010206	0.039446	0.019024	-0.015173	0.002621
	-0.009649	-0.017638	-0.011645	-0.017210	-0.030201	-0.005021
	0.010407	-0.010564	-0.003290	0.040847	-0.030419	-0.018367
	-0.005656					
y14	-0.073219	-0.015131	-0.000215	0.011023	-0.003726	0.023087
	-0.010959	0.025148	-0.045066	-0.028298	-0.003257	-0.074536
	0.018208	-0.027442	-0.007491	0.016077	0.073796	0.009011
	-0.001411	0.009550	-0.017323	-0.021148	0.024129	0.029902
	-0.000187	0.031059	0.008494	-0.090350	0.023774	-0.036926
	-0.036044					
z14	-0.054128	-0.028360	0.003584	-0.018771	0.066919	-0.010050
	0.034220	0.016275	-0.004107	-0.032811	-0.019249	-0.041056
	-0.056087	0.023092	0.043299	0.027372	0.046976	-0.014078
	0.023647	0.024859	0.032647	0.011860	-0.039042	0.010056
	-0.015466	-0.023205	0.026279	0.038028	0.022057	-0.045712
	-0.027913					
x15	0.010114	-0.002510	0.025121	-0.027618	-0.005024	-0.028049
	0.006849	0.006851	0.010274	0.018250	-0.026587	0.038585
	-0.016748	0.010427	0.047421	0.004261	-0.026201	0.005840
	-0.009942	-0.027141	-0.006322	-0.030153	-0.017592	0.007893
	0.002160	-0.007625	-0.000323	0.049282	-0.030635	-0.026507
	-0.018971					
y15	-0.067230	-0.010989	0.000540	0.010114	-0.004141	0.019603
	-0.025145	0.017780	-0.050765	-0.027345	-0.009168	-0.074963
	0.022685	-0.012819	-0.020652	0.022028	0.072288	0.007222
	-0.012133	0.015446	-0.029373	-0.006233	0.018077	0.009711
	0.009414	0.031720	0.012107	-0.102523	0.008620	-0.029385
	-0.030923					
z15	-0.056250	-0.035644	0.008986	-0.006223	0.068571	-0.013448
	0.026436	0.012471	0.002197	-0.031245	-0.022283	-0.033161
	-0.044558	0.020858	0.046426	0.015762	0.053817	-0.013648
	0.003267	0.005905	0.021202	0.015092	-0.062234	0.005400
	0.001631	-0.015271	0.028119	0.018365	0.026086	-0.047106
	-0.021081					

x16	0.018216	-0.000671	0.022205	-0.030813	-0.010731	-0.024233
	0.006051	0.010991	0.012200	0.019954	-0.016558	0.041880
	-0.017194	0.013651	0.034327	-0.012680	-0.024376	-0.007811
	-0.026260	-0.029421	-0.002948	-0.022837	-0.016607	0.004659
	0.006254	-0.014535	-0.009782	0.036671	-0.042927	-0.004121
	-0.008252					
y16	-0.062461	-0.005695	0.001216	0.015502	-0.006754	0.019449
	-0.040276	0.020299	-0.049922	-0.022483	-0.005960	-0.073201
	0.018664	-0.004286	-0.035252	0.012478	0.060098	-0.001685
	-0.027195	0.017463	-0.033000	0.012845	0.004246	-0.006203
	0.001460	0.039441	0.018031	-0.095800	-0.002307	-0.010299
	-0.013846					
z16	-0.051103	-0.039597	0.012455	0.002027	0.071976	-0.018968
	0.027073	-0.002264	0.008502	-0.032124	-0.021309	-0.028633
	-0.034867	0.025372	0.030106	-0.000602	0.058680	-0.025170
	0.000293	-0.007092	-0.002421	0.006395	-0.085631	0.005994
	0.021252	0.013745	0.040793	0.003913	0.022018	-0.025095
	-0.042084					
x17	0.024146	0.003151	0.018907	-0.032923	-0.019003	-0.021906
	0.004060	0.008041	0.015955	0.031989	-0.016659	0.035715
	-0.008522	0.006730	0.030010	-0.009821	-0.021790	-0.003778
	-0.021901	-0.019362	0.003695	-0.037682	-0.016047	0.004028
	0.004061	-0.032553	0.001766	0.021903	-0.037657	-0.022836
	0.000030					
y17	-0.057162	-0.000002	0.000987	0.018518	-0.009511	0.014332
	-0.053125	0.018177	-0.052061	-0.016835	-0.005876	-0.072989
	0.017948	0.007829	-0.036289	0.021895	0.057452	-0.002822
	-0.025476	0.025185	-0.027068	0.017300	0.011999	-0.010631
	-0.003757	0.038453	0.023625	-0.078615	-0.004519	-0.025866
	0.004058					
z17	-0.044196	-0.041092	0.020385	0.008458	0.071097	-0.019486
	0.030039	-0.006038	0.008669	-0.035353	-0.028357	-0.017699
	-0.025744	0.011954	0.051535	-0.004422	0.045061	0.003215
	0.033450	-0.020897	0.009086	-0.019616	-0.055218	0.004257
	0.025975	0.006412	0.046211	0.008650	0.029556	-0.025856
	-0.075614					
x18	0.029204	0.009992	0.017157	-0.035327	-0.031755	-0.020560
	0.009379	0.010166	0.015953	0.042447	-0.015676	0.041498
	-0.000546	-0.015677	0.038865	-0.004260	-0.017793	0.019085
	-0.002978	-0.021028	0.019416	-0.041519	0.018491	0.037070
	-0.003190	-0.050708	-0.022927	0.017702	-0.022452	-0.007408
	-0.020287					

y18	-0.050753	0.004165	0.000175	0.020356	-0.016990	0.011799
	-0.063377	0.011910	-0.058602	-0.009651	-0.007355	-0.074220
	0.016686	0.011768	-0.044126	0.027883	0.053205	-0.004885
	-0.023243	0.024113	-0.020726	0.030790	0.028141	-0.018166
	-0.008547	0.032482	0.020983	-0.051139	-0.024576	-0.021937
	0.031107					
z18	-0.038309	-0.046431	0.023397	0.016797	0.074054	-0.023320
	0.009479	-0.007979	0.004544	-0.034599	-0.030982	-0.032742
	-0.031139	0.007891	0.059089	0.000208	0.027852	0.012361
	-0.004237	-0.038413	0.022648	-0.024419	-0.090307	-0.058207
	0.017879	0.021403	0.006322	-0.004113	0.055246	0.012958
	-0.028908					
x19	0.030973	0.009971	0.014563	-0.039682	-0.031491	-0.011716
	0.028486	0.011286	0.024113	0.035234	-0.012200	0.053771
	0.002327	-0.010550	0.037461	-0.024389	-0.027851	0.001217
	-0.014318	-0.012880	0.015464	-0.011517	0.009812	0.054408
	0.001564	-0.040539	-0.027715	-0.007013	-0.019277	-0.009328
	-0.027093					
y19	-0.044248	0.008563	-0.001241	0.022273	-0.018075	0.008051
	-0.067129	0.013832	-0.055374	-0.002047	0.003157	-0.066281
	0.011968	0.033423	-0.063185	0.025424	0.041297	-0.024679
	-0.036656	0.030037	-0.028141	0.052917	0.042111	-0.029993
	-0.018019	0.045751	0.017713	-0.013837	-0.057584	0.011259
	0.061730					
z19	-0.029810	-0.048361	0.025357	0.033684	0.069221	-0.023813
	-0.005159	0.003436	-0.003870	-0.023551	-0.031096	-0.069659
	-0.050044	-0.023430	0.032400	-0.044535	0.035569	0.022682
	-0.027570	-0.039765	-0.001337	-0.043916	-0.105916	-0.062855
	-0.005134	0.024457	0.021194	-0.045211	0.012336	0.055877
	-0.015031					
x20	0.033909	0.020795	0.002381	-0.055437	-0.044071	0.004344
	0.039216	0.003811	0.016258	0.031942	-0.013685	0.044083
	0.006203	-0.001732	0.006490	-0.035936	-0.001033	-0.018271
	-0.002658	0.002121	-0.009984	0.005942	-0.001210	0.009676
	0.020580	-0.031093	0.005813	-0.000194	-0.013480	-0.011242
	0.035144					
y20	-0.033470	0.014318	0.002485	0.017472	-0.018191	0.002490
	-0.061158	0.016207	-0.045336	0.006787	0.005493	-0.051745
	0.009123	0.039358	-0.053809	0.049854	0.022105	-0.022784
	-0.020742	0.026963	-0.018973	0.026394	0.065546	0.034858
	-0.005508	0.059208	0.015801	0.010445	-0.083550	0.004471
	-0.006062					

z20	-0.020826	-0.046375	0.030580	0.040025	0.070040	-0.016092
	-0.014163	-0.008823	0.012912	-0.020343	-0.035576	-0.061197
	-0.042091	-0.021760	0.020801	-0.033480	0.010259	0.029488
	-0.039672	-0.061541	-0.000184	-0.037281	-0.112165	-0.042608
	-0.012548	0.031280	0.021661	-0.058404	0.032892	0.037227
	0.003409					
x21	0.027971	0.031807	-0.010988	-0.065382	-0.051484	0.014429
	0.042975	-0.003173	0.025507	0.030577	-0.012491	0.061643
	0.010769	0.009259	-0.007854	-0.014617	0.007799	-0.018748
	0.033335	-0.006416	0.004749	0.019875	-0.000975	-0.002682
	0.000695	-0.017279	0.015560	0.047221	-0.033560	-0.034930
	0.076427					
y21	-0.024834	0.024226	0.011218	0.013366	-0.010966	-0.003166
	-0.049293	0.022046	-0.044604	0.017486	0.001951	-0.030819
	0.002205	0.031499	-0.047477	0.035462	-0.001063	-0.015055
	-0.029744	0.017667	-0.029263	0.008604	0.070106	0.092796
	0.010434	0.046829	-0.007550	0.008788	-0.027605	-0.001344
	-0.068775					
z21	-0.015003	-0.052800	0.034740	0.032246	0.063189	-0.019304
	-0.003521	-0.005068	0.022053	-0.029023	-0.023038	-0.040340
	-0.041966	-0.023490	0.022440	-0.014340	0.010830	0.033592
	-0.048725	-0.039828	0.016511	-0.028411	-0.060047	-0.036136
	0.000407	0.006322	0.016385	-0.058413	0.024829	0.038625
	0.010371					
x22	0.022386	0.035061	-0.024387	-0.076263	-0.049986	0.014277
	0.049577	0.004740	0.029660	0.020574	-0.003093	0.063274
	0.014663	0.003170	-0.013386	0.006301	0.017727	-0.031908
	0.041564	0.001887	0.026280	0.043475	-0.012140	-0.023864
	0.010065	0.005368	0.011227	0.028065	-0.048961	-0.057376
	0.070262					
y22	-0.020249	0.028523	0.010303	0.009411	-0.008210	-0.005075
	-0.040412	0.025783	-0.042051	0.026417	0.000722	-0.003929
	-0.008621	0.024740	-0.032016	0.026214	-0.015988	-0.008522
	-0.035163	0.020973	-0.015529	-0.013876	0.054470	0.066985
	0.006853	0.068375	-0.040650	0.019666	-0.006498	0.009691
	-0.068167					
z22	-0.009967	-0.050887	0.037673	0.026678	0.054204	-0.009386
	0.006071	-0.005204	0.037324	-0.026410	-0.016342	-0.005867
	-0.018552	0.008918	0.016335	-0.018606	-0.003331	0.020328
	-0.049228	-0.037094	-0.012005	-0.006857	-0.024656	-0.019457
	-0.027633	-0.032777	0.030939	-0.042593	0.016082	0.004722
	0.024099					

x23	0.014961	0.031520	-0.037590	-0.079023	-0.056186	0.016060
	0.041854	0.005886	0.028661	0.028277	0.002406	0.053514
	-0.002533	-0.015261	-0.027205	0.029188	0.048467	-0.027744
	0.034373	0.007072	0.048456	0.034781	0.003801	-0.058288
	0.020827	0.034289	0.029568	0.012278	-0.059062	-0.032019
	0.030701					
y23	-0.010982	0.033729	-0.000371	0.001883	-0.013423	-0.003911
	-0.041121	0.042659	-0.045944	0.045828	-0.002177	-0.010975
	-0.013551	0.027421	-0.027098	0.018177	-0.012486	0.014762
	-0.027960	0.041604	0.004223	-0.030850	0.068296	0.013434
	0.006756	0.090231	-0.056151	0.022625	0.031388	0.035985
	-0.092633					
z23	-0.003716	-0.033711	0.029515	0.009505	0.038229	0.001400
	0.008254	-0.013192	0.036647	-0.029872	-0.016107	0.011396
	0.008086	0.019570	0.021498	-0.008849	0.003825	0.015366
	-0.009882	-0.010989	-0.031986	0.001515	-0.017076	-0.004042
	-0.024821	-0.040440	0.051052	-0.029252	0.033669	-0.020194
	0.017812					
x24	0.002180	0.023170	-0.033899	-0.061644	-0.055794	0.011553
	0.037216	0.007095	0.043894	0.021770	0.013162	0.059652
	-0.027985	-0.044908	-0.033531	0.010428	0.055723	-0.026887
	0.006422	0.006562	0.054647	0.020362	0.007468	-0.038627
	0.017221	0.033001	0.054770	0.015242	-0.040635	-0.042371
	-0.002845					
y24	-0.006287	0.031929	-0.003870	0.008580	-0.017190	-0.003509
	-0.031942	0.052477	-0.035678	0.049260	0.004310	0.002251
	-0.022197	0.024676	-0.026814	-0.006319	-0.014075	0.034860
	-0.048707	0.047570	0.007130	-0.047421	0.067745	-0.006046
	-0.006570	0.086699	-0.049142	0.063676	0.047681	0.039378
	-0.082411					
z24	0.002459	-0.011813	0.006750	-0.002258	0.015045	0.010603
	0.003341	-0.004096	0.016769	-0.019131	-0.006518	0.001225
	0.019553	0.016498	0.016728	0.001665	0.022200	0.018568
	0.024914	0.003393	-0.000620	0.016858	-0.002957	-0.016960
	0.005396	-0.010459	0.043331	-0.018256	0.029807	0.032307
	0.025710					
x25	-0.012144	0.016642	-0.017015	-0.043597	-0.050582	0.009254
	0.033092	-0.003525	0.061963	0.002587	0.018771	0.062555
	-0.043080	-0.065304	-0.023202	-0.015356	0.049445	-0.023627
	-0.019633	0.020554	0.035063	0.024047	0.003302	-0.012969
	0.028346	0.020352	0.048068	0.026533	-0.000555	-0.067016
	-0.017776					

y25	-0.007707	0.025593	0.003892	0.020292	-0.015231	0.000793
	-0.020211	0.042736	-0.014724	0.043331	0.014863	0.028235
	-0.036052	0.021970	-0.011362	-0.024996	-0.017664	0.046491
	-0.075581	0.054310	-0.001246	-0.051959	0.061110	-0.015137
	-0.021651	0.085752	-0.050551	0.102072	0.046084	0.011713
	-0.052669					
z25	0.002233	-0.002599	0.004448	-0.005809	0.009400	0.022490
	0.014473	-0.003461	0.019737	-0.014610	-0.001427	0.012310
	0.016852	0.006754	0.006594	0.000799	0.020157	-0.013664
	0.025838	-0.003614	0.008643	0.040899	-0.002480	0.009106
	0.025614	-0.011226	0.039912	-0.011825	0.023008	0.021277
	0.032271					
x26	-0.024355	0.008604	-0.010819	-0.041190	-0.055001	-0.009995
	0.019403	-0.020068	0.064921	-0.024725	0.043552	0.034736
	-0.044972	-0.080708	-0.018646	0.011738	0.037688	-0.020213
	-0.018872	0.025695	0.029017	0.000637	0.001921	-0.015122
	0.043500	0.025563	0.029686	0.007872	0.007261	-0.036402
	-0.074946					
y26	-0.007608	0.014770	-0.001503	0.023316	-0.023664	-0.010676
	-0.024843	0.036324	-0.009761	0.032237	0.031274	0.021317
	-0.045735	0.021942	0.004263	-0.004407	-0.007011	0.076598
	-0.069578	0.046969	-0.014750	-0.079472	0.057238	-0.046562
	-0.017501	0.080983	-0.046199	0.080335	0.027095	0.021763
	-0.081686					
z26	-0.003080	0.002039	0.007967	-0.011869	0.009713	0.027755
	0.016757	-0.013711	0.027257	-0.013861	-0.009293	0.023857
	0.003995	0.001003	-0.001992	0.012265	0.020122	-0.048035
	0.023270	-0.008420	0.002634	0.041905	-0.003611	0.027487
	0.032376	-0.024572	0.034064	-0.013495	0.017067	-0.006962
	0.014821					
x27	-0.037035	0.008282	0.001225	-0.038600	-0.050344	-0.018006
	0.011041	-0.020875	0.067971	-0.034250	0.037504	0.014429
	-0.066075	-0.080128	-0.034900	0.007157	0.034450	-0.020633
	-0.016630	0.037533	0.007761	-0.007186	0.015072	-0.026839
	0.068952	0.019205	0.020465	-0.028487	0.006500	-0.039894
	-0.047616					
y27	-0.007911	0.007712	-0.001078	0.026469	-0.029357	-0.017996
	-0.029186	0.040194	0.004369	0.025740	0.041263	0.016834
	-0.064044	0.016441	-0.012765	-0.014213	0.006777	0.106433
	-0.064755	0.059418	-0.025411	-0.083761	0.077358	-0.093749
	-0.011263	0.076853	-0.019305	0.053378	-0.008101	0.001249
	-0.011008					

z27	-0.009029	0.004753	0.010217	-0.015147	-0.002434	0.019685
	0.008568	-0.020644	0.030646	-0.018879	-0.004275	0.019311
	-0.006753	-0.022679	-0.010193	0.023731	0.001278	-0.060177
	0.030093	-0.013192	0.015623	0.026923	-0.012878	0.037878
	0.022985	-0.029530	0.020088	-0.013506	0.021541	-0.005591
	-0.020829					
x28	-0.050164	0.010137	0.009007	-0.039703	-0.043491	-0.029533
	-0.002944	-0.014284	0.063023	-0.016703	0.010034	-0.012163
	-0.074096	-0.073319	-0.047332	-0.002323	0.029355	-0.034915
	-0.017287	0.042552	-0.008169	-0.000273	-0.001953	-0.037106
	0.099432	-0.013698	0.006175	-0.063179	0.013267	-0.044130
	-0.023427					
y28	-0.007741	-0.002477	-0.000523	0.025282	-0.028280	-0.029871
	-0.039527	0.053294	0.019390	0.033441	0.022549	0.002153
	-0.085542	0.000443	-0.005011	-0.031279	0.025581	0.127096
	-0.058407	0.085654	-0.021388	-0.057199	0.082806	-0.147677
	0.040223	0.032770	-0.011649	0.046870	-0.032782	-0.029076
	0.068013					
z28	-0.019492	0.008055	0.013044	-0.015150	-0.008178	0.015661
	0.002825	-0.019354	0.045892	-0.018209	-0.006295	0.001729
	-0.023498	-0.024774	-0.030482	-0.003255	0.000227	-0.055252
	0.001623	-0.018758	0.006338	-0.003921	-0.003274	0.011659
	0.076229	-0.039535	-0.015103	-0.028451	0.037852	-0.009593
	-0.020973					
x29	-0.052991	0.002965	0.026537	-0.044190	-0.050774	-0.041181
	-0.015186	-0.035340	0.055502	-0.006214	-0.022220	-0.015417
	-0.077537	-0.100958	-0.041653	0.010441	-0.015818	-0.059338
	0.042154	0.059138	0.029190	-0.006881	-0.025381	-0.025190
	0.070641	0.006120	0.005740	-0.025062	0.008697	-0.032254
	-0.031206					
y29	-0.007103	-0.026180	-0.010550	0.029553	-0.038165	-0.031850
	-0.041216	0.070068	0.019941	0.053676	-0.002895	-0.000420
	-0.092170	0.006939	0.041856	-0.020900	0.013441	0.161748
	0.005594	0.086758	0.062269	-0.007199	0.113348	-0.110703
	0.051468	0.016457	0.028815	0.087652	0.001059	-0.091794
	0.070698					
z29	-0.036462	0.007255	0.032832	-0.026590	-0.021516	-0.001719
	-0.012604	-0.033073	0.056969	-0.015634	-0.010308	-0.030278
	-0.050136	-0.077030	-0.016641	-0.011558	-0.012301	-0.065447
	0.023635	0.012359	0.019666	-0.039129	-0.013382	0.010433
	0.096954	-0.045148	-0.063132	-0.015697	0.044031	-0.028076
	-0.035589					

x30	-0.038032	-0.014022	0.037656	-0.041085	-0.038302	-0.038568
	-0.012690	-0.027816	0.055748	-0.004531	-0.065031	-0.030129
	-0.075433	-0.089596	-0.084910	0.007842	-0.064792	-0.032975
	0.065453	0.010243	0.043463	-0.027978	-0.040507	-0.011731
	0.047382	0.002340	-0.015569	0.045372	0.029906	0.003099
	-0.041884					
y30	0.012273	-0.053489	-0.010008	0.032117	-0.073444	-0.025340
	-0.041069	0.086787	0.015415	0.052436	-0.003723	-0.007693
	-0.072892	0.008483	0.036872	-0.037611	0.019382	0.106748
	0.063523	0.030662	0.092864	0.057650	0.037076	-0.077430
	0.038077	0.001391	0.017076	0.072807	0.044226	-0.041210
	-0.001493					
z30	-0.047385	-0.008421	0.060367	-0.039889	-0.049665	-0.033480
	-0.029465	-0.030887	0.069177	-0.018664	-0.040209	-0.036312
	-0.048702	-0.155728	-0.032616	0.022997	-0.043286	-0.021866
	0.045512	0.029323	0.014008	-0.069461	-0.019673	0.005976
	0.052758	-0.040541	-0.064759	0.002400	0.026871	-0.081641
	-0.034695					
x31	-0.031439	-0.003677	0.044715	-0.034113	0.005716	-0.025257
	-0.007331	-0.034492	0.018465	0.018845	-0.069372	-0.049616
	-0.056229	-0.068693	-0.066951	0.009684	-0.063782	-0.029000
	0.009873	0.012919	0.032557	-0.053128	-0.014398	0.016407
	0.040696	-0.002001	-0.033580	0.008518	-0.003859	-0.001959
	-0.003691					
y31	0.037452	-0.066460	-0.013485	0.024500	-0.089612	0.000252
	-0.031104	0.105299	0.017829	0.042552	0.012902	-0.000585
	-0.043700	0.019797	0.026735	-0.042516	0.048178	0.033884
	0.116113	0.010907	0.082571	0.069506	-0.010125	-0.048924
	0.013627	0.023699	0.012990	0.041026	0.029257	0.001190
	-0.055734					
z31	-0.036631	-0.026501	0.056123	-0.045440	-0.083963	-0.024447
	-0.028536	-0.009678	0.064445	-0.033782	-0.072326	-0.000953
	-0.037087	-0.151028	-0.074629	0.048934	-0.048477	-0.019160
	0.069641	0.016246	0.008407	-0.067050	-0.075492	-0.016671
	-0.009314	-0.022028	-0.065650	0.001373	0.005394	-0.057790
	-0.011283					
x32	-0.036424	0.022774	0.047665	-0.030806	0.056257	-0.020899
	-0.003284	-0.042798	-0.002618	0.037650	-0.049654	-0.046570
	-0.033772	-0.053285	-0.048542	0.018579	-0.050707	-0.008454
	-0.026202	0.015975	0.015706	-0.046472	0.038895	0.044209
	0.038454	0.014422	-0.028316	-0.049329	-0.020647	-0.018356
	-0.000167					

y32	0.055548	-0.059838	-0.015408	0.015110	-0.098068	0.013448
	-0.015798	0.111460	0.023488	0.033726	0.045813	-0.000584
	-0.017338	0.027472	0.033825	-0.047268	0.063936	-0.015545
	0.113083	0.012515	0.074876	0.056986	-0.010111	-0.003141
	0.015025	0.054962	0.034369	0.027789	0.031013	0.001862
	-0.098589					
z32	-0.020800	-0.025294	0.049661	-0.047257	-0.107607	-0.012536
	-0.013626	0.013003	0.035824	-0.042221	-0.088606	0.006745
	-0.019176	-0.115877	-0.059671	0.092259	-0.052445	-0.015319
	0.071966	0.027427	0.037242	-0.073467	-0.072625	0.004872
	-0.056478	-0.009534	-0.047446	0.045661	0.013403	-0.043595
	-0.023532					
x33	-0.036918	0.029689	0.046431	-0.020927	0.077794	-0.023457
	-0.008047	-0.051669	-0.002468	0.038363	-0.035757	-0.013234
	-0.029908	-0.043597	-0.001896	0.015969	-0.027407	0.034341
	-0.034498	0.019475	0.007159	-0.052680	0.074176	0.025194
	0.032259	-0.013905	-0.011510	-0.062124	-0.021650	-0.052202
	0.019953					
y33	0.075810	-0.058628	-0.017152	0.005437	-0.114504	0.026417
	-0.002294	0.110234	0.028807	0.001192	0.081922	0.019276
	0.005988	0.036593	0.045778	-0.078314	0.075244	-0.070228
	0.092078	0.002317	0.041944	0.033613	-0.019065	0.006363
	0.023404	0.064937	0.033061	0.018512	0.034484	0.024033
	-0.089784					
z33	-0.007944	-0.019933	0.040538	-0.044589	-0.124402	0.008961
	-0.001183	0.031937	0.004906	-0.062761	-0.089216	0.027840
	0.014186	-0.056960	-0.045926	0.122465	-0.044369	-0.014758
	0.073992	0.028660	0.043181	-0.066145	-0.060532	0.031675
	-0.070626	-0.009919	-0.027210	0.079740	0.019201	-0.010313
	-0.021654					
x34	-0.029410	0.021569	0.034227	-0.011847	0.074208	-0.033779
	-0.006220	-0.047242	-0.014192	0.032253	-0.037813	-0.002657
	-0.024558	-0.037020	0.036048	0.006749	-0.003244	0.059428
	-0.058945	0.016282	-0.005819	-0.047870	0.041130	0.017046
	0.000862	-0.037621	-0.005605	-0.037850	-0.027555	-0.055728
	0.047592					
y34	0.091878	-0.062217	-0.008173	0.002369	-0.126570	0.024322
	0.011757	0.107584	0.038490	-0.034248	0.100628	0.032354
	0.017581	0.036688	0.048122	-0.088246	0.075555	-0.106373
	0.045313	-0.037115	-0.015813	-0.006555	-0.024258	-0.017482
	0.009761	0.037715	0.009745	0.006839	0.038402	0.054590
	-0.042270					

z34	-0.004679	-0.022075	0.035159	-0.027451	-0.139963	0.016492
	-0.001612	0.045075	0.000982	-0.085819	-0.073479	0.065111
	0.042464	0.001670	-0.044015	0.133119	-0.024102	-0.007297
	0.043065	0.017317	0.024020	-0.065654	-0.040994	0.010405
	-0.059490	-0.041090	-0.028290	0.047420	0.032427	0.010006
	0.016817					
x35	-0.019024	0.009122	0.006720	-0.010826	0.061411	-0.038183
	-0.003708	-0.030061	-0.021487	0.024057	-0.036840	0.003204
	-0.011987	-0.007289	0.056084	-0.013233	0.020647	0.067112
	-0.078250	-0.016158	-0.002031	-0.020634	-0.013978	0.032546
	-0.014587	-0.024645	-0.005840	0.012786	-0.026907	-0.010312
	-0.008628					
y35	0.098626	-0.062069	0.008751	-0.001560	-0.122694	0.013055
	0.025177	0.098256	0.045383	-0.048726	0.095292	0.018207
	0.016114	0.007492	0.037097	-0.074614	0.053211	-0.120512
	0.013836	-0.073742	-0.069566	-0.052539	-0.019968	-0.023741
	-0.003127	0.009467	-0.015482	-0.005399	0.037777	0.051256
	0.010910					
z35	-0.010237	-0.019973	0.032950	-0.014587	-0.140702	0.013393
	-0.009895	0.032992	-0.013436	-0.073146	-0.068034	0.067505
	0.048181	-0.000807	-0.045662	0.100009	-0.010553	-0.033661
	0.016770	0.052793	-0.004022	-0.044157	-0.028417	-0.003904
	-0.048970	-0.051106	-0.041890	-0.021460	-0.000778	-0.011453
	0.062225					
x36	-0.012114	0.009976	-0.020157	-0.013888	0.052361	-0.022852
	0.010275	-0.019814	-0.014860	0.016329	-0.025523	0.010746
	-0.007303	0.023712	0.044626	-0.035043	0.037694	0.060330
	-0.067521	-0.053557	0.011540	0.024080	-0.051116	0.012764
	0.009730	0.016332	0.011390	0.033535	-0.005234	0.002723
	-0.043455					
y36	0.092106	-0.058966	0.027776	-0.003517	-0.106204	0.004503
	0.031278	0.082880	0.055484	-0.048855	0.084021	-0.001782
	0.023188	-0.027509	0.011114	-0.051003	0.008912	-0.100045
	0.002673	-0.109663	-0.099873	-0.090877	0.015634	-0.039003
	0.004387	-0.016672	-0.036611	-0.013830	0.017809	0.040260
	0.019966					
z36	-0.021829	-0.019928	0.026101	-0.007592	-0.127808	0.014852
	-0.030162	0.023120	-0.028854	-0.050401	-0.068751	0.051969
	0.053263	-0.006561	-0.052523	0.057750	-0.022040	-0.048396
	0.004754	0.063502	-0.029847	-0.016889	-0.016791	-0.007565
	-0.041689	-0.036105	-0.062236	-0.049253	-0.052722	0.012192
	0.050769					

x37	-0.015003	0.018285	-0.053225	-0.023027	0.062628	0.001951
	0.031892	-0.029726	-0.004239	0.000976	-0.013777	0.024963
	0.001078	0.050607	0.020443	-0.033894	0.060144	0.045328
	-0.012740	-0.060920	0.029460	0.066531	-0.042886	-0.013186
	0.033742	0.034105	0.033740	0.021397	0.015134	-0.014646
	-0.026771					
y37	0.078877	-0.049622	0.043299	-0.005787	-0.082167	-0.010610
	0.041508	0.059851	0.064566	-0.037948	0.075421	-0.015870
	0.022728	-0.055274	-0.021197	-0.036540	-0.023180	-0.038357
	-0.021822	-0.108265	-0.091395	-0.105751	0.037317	-0.052071
	0.027862	-0.027375	-0.045784	0.000979	0.024193	0.010529
	0.028633					
z37	-0.027583	-0.013221	0.015685	-0.004379	-0.100967	0.008597
	-0.047903	0.019285	-0.043568	-0.023991	-0.058773	0.039760
	0.025227	0.000496	-0.015840	0.014439	-0.013434	-0.023808
	0.009118	0.082649	-0.014998	0.008079	-0.032513	0.017982
	-0.041338	0.001593	-0.073160	-0.013099	-0.050077	0.034012
	0.025126					
x38	-0.017983	0.026146	-0.078218	-0.024531	0.070640	0.009874
	0.038563	-0.054501	-0.001151	-0.005321	-0.026476	0.030780
	0.034406	0.083824	-0.000995	-0.020511	0.090692	0.039053
	0.032245	-0.025832	0.074951	0.108575	-0.005116	-0.036675
	-0.008018	-0.020444	0.030768	-0.000554	0.003985	-0.025571
	-0.091125					
y38	0.054035	-0.040485	0.045100	-0.008370	-0.044745	-0.036356
	0.076532	0.045191	0.080183	-0.035084	0.059571	-0.022263
	0.026147	-0.045182	-0.102683	-0.013608	-0.047824	0.054995
	-0.059366	-0.082790	-0.075148	-0.077804	0.037758	-0.051378
	0.042623	-0.053505	-0.018489	0.072709	0.061613	-0.017277
	-0.003280					
z38	-0.034846	0.000392	0.000381	-0.012374	-0.047490	0.008237
	-0.056214	0.004124	-0.062243	0.020445	-0.030846	0.022247
	-0.024867	0.012072	0.035787	-0.026194	0.030351	0.004491
	0.023894	0.109735	0.012398	0.035323	-0.061688	0.010675
	-0.038435	0.032793	-0.040965	0.013509	-0.046104	0.036002
	-0.024267					
x39	0.005095	0.016307	-0.067778	-0.017260	0.060890	0.019388
	0.000266	-0.037199	0.043367	-0.033099	-0.067555	0.043010
	0.082651	0.079349	-0.001155	0.020859	0.080672	-0.032836
	0.050669	-0.056391	0.062727	0.055324	0.036827	-0.026509
	0.002981	-0.032032	-0.011346	-0.025455	0.002816	0.007474
	-0.057904					

y39	0.034071	-0.038606	0.036306	0.003082	-0.018271	-0.048768
	0.095214	0.030789	0.102587	-0.032441	0.029740	-0.017256
	0.017595	-0.003073	-0.116151	-0.008381	-0.006059	0.057033
	-0.021433	-0.062626	-0.031717	0.022500	0.037498	-0.043182
	-0.004962	-0.063012	-0.001983	0.096340	0.026428	-0.013770
	-0.075819					
z39	-0.025979	0.003731	-0.004290	-0.014972	-0.020143	0.012629
	-0.042305	0.012832	-0.066249	0.038116	-0.030542	0.005839
	-0.012556	0.041339	0.028851	0.013881	0.017117	0.023464
	-0.019436	0.079303	0.025051	0.024645	-0.041008	0.001726
	-0.042129	-0.009824	-0.021664	-0.005615	-0.004065	-0.005773
	-0.053641					
x40	0.007259	0.004302	-0.073918	-0.020140	0.049511	0.014818
	-0.011963	-0.038536	0.057379	-0.036045	-0.079758	0.040829
	0.097788	0.086401	-0.010593	0.018145	0.062927	-0.049257
	0.047037	-0.043485	0.038742	0.033246	0.058824	-0.019268
	-0.004156	-0.039298	-0.035812	-0.022007	0.017503	0.008020
	-0.028014					
y40	0.034864	-0.029945	0.042697	0.008259	-0.006201	-0.045677
	0.077177	0.019433	0.127068	-0.038784	0.028632	-0.040368
	-0.007259	-0.007713	-0.075770	-0.024822	-0.013400	0.016000
	-0.003788	-0.091101	-0.044948	-0.011484	0.078385	-0.011533
	-0.041533	-0.068637	-0.019077	0.028681	-0.028733	-0.000967
	-0.019721					
z40	-0.015754	0.004862	0.005644	-0.003917	-0.008138	0.021270
	-0.051509	0.013425	-0.068810	0.026272	-0.024010	0.005123
	0.000258	0.035546	0.018021	0.040659	-0.014679	0.003295
	-0.022187	0.053749	0.007946	-0.011161	-0.021171	0.029909
	-0.029764	-0.015249	-0.034957	-0.055076	0.017203	0.003513
	0.000743					
x41	0.005481	-0.004302	-0.064563	-0.024941	0.047883	0.002365
	-0.019217	-0.041006	0.058970	-0.015730	-0.082105	0.029699
	0.096857	0.076044	-0.006796	0.004929	0.062925	-0.055811
	0.040342	-0.025881	0.022734	0.033809	0.028514	-0.022561
	-0.012334	-0.037502	-0.049222	0.012188	0.025634	-0.015562
	-0.002449					
y41	0.022370	-0.024726	0.039803	0.010009	-0.002846	-0.044173
	0.073367	0.008865	0.131598	-0.039761	0.021571	-0.048472
	-0.022320	-0.015261	-0.055110	-0.040795	-0.011044	-0.010497
	0.018429	-0.077147	-0.030433	-0.014361	0.100887	0.014483
	-0.069648	-0.042558	-0.022909	0.026431	-0.048660	0.031643
	0.018224					

z41	-0.011953	0.006513	0.006313	0.002533	-0.011437	0.018435
	-0.042266	0.015833	-0.075340	0.025002	-0.018262	0.016078
	0.002911	0.025400	-0.003313	0.045869	-0.021023	-0.002155
	-0.021409	0.044583	0.005822	-0.031922	-0.026069	0.045447
	-0.016871	0.002629	-0.020231	-0.050558	0.063998	0.010148
	0.019057					
x42	-0.002632	-0.010415	-0.056417	-0.023577	0.054132	-0.008477
	-0.017160	-0.043446	0.061688	0.000710	-0.080638	0.019658
	0.081856	0.074740	0.003650	-0.000766	0.050101	-0.062040
	0.056326	-0.016712	0.017009	0.014642	0.022075	-0.034124
	-0.017566	-0.013439	-0.042100	0.040023	0.021865	-0.020247
	-0.022891					
y42	0.015552	-0.021902	0.044210	0.008267	-0.007123	-0.042512
	0.074296	0.006050	0.121844	-0.034712	0.024991	-0.051583
	-0.035406	-0.022824	-0.034418	-0.053911	0.008099	-0.008378
	0.020162	-0.073289	-0.010609	0.028289	0.087126	0.026103
	-0.062259	-0.018740	-0.002179	0.026686	-0.052415	0.032436
	0.032727					
z42	-0.005635	0.012749	0.016570	0.006703	-0.020695	0.013330
	-0.029186	0.020170	-0.074721	0.036941	-0.000274	0.024734
	-0.007512	0.006121	-0.000150	0.047209	-0.020481	0.002846
	-0.030480	0.023807	-0.002625	-0.041900	-0.048954	0.039224
	0.012000	0.035024	0.026079	-0.041985	0.080735	0.010998
	-0.003879					
x43	-0.013927	-0.014768	-0.047904	-0.020292	0.064457	-0.010813
	-0.019188	-0.044234	0.059801	0.016405	-0.072077	0.013540
	0.062131	0.064403	0.010835	-0.006303	0.033126	-0.063567
	0.063982	-0.011614	0.004225	0.002016	0.020766	-0.045280
	0.001632	-0.004761	-0.013604	0.032732	0.012848	-0.006507
	-0.021185					
y43	0.007005	-0.022602	0.046518	0.004509	-0.010135	-0.036137
	0.070683	0.008287	0.104176	-0.038262	0.026776	-0.048873
	-0.044156	-0.025583	-0.016518	-0.054647	0.021844	-0.004280
	0.011181	-0.057599	0.001593	0.061089	0.079179	0.029842
	-0.040668	-0.002463	0.014335	0.018876	-0.057833	0.033232
	0.051013					
z43	-0.002233	0.019269	0.026173	0.008464	-0.026904	0.010755
	-0.023487	0.033567	-0.071817	0.035110	0.012109	0.025255
	-0.016702	-0.007645	0.005853	0.048934	-0.022326	0.008091
	-0.043992	0.015778	-0.018839	-0.042300	-0.060208	0.026243
	0.032928	0.041456	0.052966	-0.049074	0.067908	0.019738
	-0.005204					

x44	-0.020985	-0.020360	-0.038013	-0.018106	0.069623	-0.013720
	-0.022951	-0.044638	0.053069	0.024525	-0.062595	0.002424
	0.047449	0.057158	0.011589	-0.018831	0.016322	-0.058954
	0.059155	0.000536	-0.024085	-0.002811	0.014396	-0.043670
	0.027479	0.002720	0.020864	0.031624	-0.003871	0.017402
	-0.018351					
y44	-0.002306	-0.027430	0.048326	-0.002061	-0.011248	-0.023338
	0.067933	0.008284	0.085834	-0.033770	0.025846	-0.037106
	-0.052437	-0.024209	0.000225	-0.047502	0.031595	0.005816
	0.002230	-0.038787	0.016574	0.068737	0.074003	0.035413
	-0.025142	0.015089	0.012144	0.026312	-0.062449	0.033046
	0.061375					
z44	0.006596	0.023990	0.032742	0.012360	-0.030270	0.011232
	-0.017049	0.044495	-0.064122	0.029198	0.014336	0.023431
	-0.014593	-0.013184	0.006508	0.034956	-0.017457	0.018907
	-0.052380	0.007802	-0.025294	-0.030196	-0.058269	0.019923
	0.024502	0.027875	0.059125	-0.055749	0.034769	0.029753
	0.007873					
x45	-0.032719	-0.023940	-0.041347	-0.024397	0.074526	-0.011900
	-0.030952	-0.040446	0.048800	0.020844	-0.057719	-0.011789
	0.033842	0.062647	0.015719	-0.028104	-0.007593	-0.053761
	0.063535	0.005546	-0.037825	-0.002642	0.008163	-0.039649
	0.033584	0.017839	0.036605	0.045942	-0.009220	0.041459
	0.003102					
y45	-0.011643	-0.033775	0.045655	-0.007014	-0.011593	-0.006803
	0.067407	-0.003461	0.068135	-0.029027	0.018476	-0.020548
	-0.052356	-0.018639	0.006755	-0.032266	0.031859	0.013889
	0.004041	-0.009669	0.029988	0.055078	0.068157	0.041749
	-0.010179	0.034721	0.007538	0.044259	-0.044869	0.019117
	0.050158					
z45	0.011825	0.026563	0.031215	0.009753	-0.026825	0.013818
	-0.014624	0.038988	-0.052755	0.018746	0.004531	0.024137
	-0.004237	-0.011277	0.008540	0.031750	-0.019464	0.016423
	-0.035791	0.005988	-0.033806	-0.030149	-0.042073	0.016211
	0.023105	0.025626	0.061858	-0.058742	-0.003131	0.036176
	-0.003379					
x46	-0.041523	-0.015339	-0.067911	-0.044799	0.099706	0.018189
	-0.035339	-0.010459	0.040973	0.007663	-0.039749	-0.007965
	0.055931	0.053074	0.031782	-0.056586	-0.085511	-0.036543
	0.057828	-0.016510	-0.012774	0.011755	-0.030402	-0.035394
	-0.056194	0.014628	0.044961	0.040838	0.008507	0.047938
	-0.008005					

y46	-0.024741	-0.027911	0.022976	-0.017813	-0.008891	0.027251
	0.054757	-0.005102	0.057447	-0.045000	0.022406	-0.002721
	-0.014419	-0.016211	0.017872	-0.015336	-0.028621	0.005854
	0.006421	0.032543	0.056322	0.019122	0.035220	0.045923
	-0.082880	0.016291	-0.026016	0.047094	0.007659	0.026126
	0.036444					
z46	0.004190	0.048406	-0.016030	-0.027285	-0.036221	0.063969
	-0.037012	0.107232	-0.033069	-0.030932	0.013982	0.050138
	0.040286	-0.027551	0.027635	-0.018712	-0.107700	0.021683
	-0.093494	-0.073373	0.021431	0.022293	-0.018270	0.085314
	-0.145393	0.027043	0.068542	-0.074912	0.038393	0.033891
	-0.024683					
x47	-0.001369	-0.032446	-0.099570	-0.029013	0.020902	-0.039237
	-0.078522	-0.083326	-0.039786	0.106235	0.023790	0.093037
	0.063757	-0.024548	0.088436	-0.089895	-0.044228	-0.022635
	0.049216	0.076393	-0.009550	-0.003637	0.033346	-0.011422
	0.026333	-0.008378	0.072217	0.162820	-0.013460	0.089290
	0.130277					
y47	-0.039153	-0.048373	0.034464	-0.030274	0.030289	0.118250
	0.107277	-0.000027	0.010481	0.062311	-0.001781	0.068518
	0.033627	0.023585	-0.043846	0.053904	-0.016787	0.061515
	0.036352	-0.008842	0.010295	0.088173	0.074108	-0.047534
	0.124488	0.032298	-0.044750	-0.132105	-0.015767	-0.015745
	-0.143389					
z47	0.071191	0.044181	-0.049511	-0.047980	-0.080729	0.085035
	-0.023872	0.163303	-0.022450	-0.074142	0.013279	0.054650
	0.107872	0.079205	0.103993	-0.014412	-0.058789	-0.024658
	-0.003612	-0.063714	0.062912	-0.046120	0.018281	-0.057650
	0.109815	0.097308	-0.051283	-0.103148	0.093158	-0.022533
	-0.109084					
x48	0.033163	-0.011675	-0.076259	-0.038037	0.009660	-0.002022
	-0.025276	0.011290	-0.066881	0.032419	0.000427	0.014351
	0.048773	0.020717	-0.045225	0.010501	-0.034545	0.021752
	0.054751	-0.004582	0.043172	0.008056	0.060226	-0.028796
	-0.032788	0.002177	0.082910	-0.004771	0.044536	0.090824
	0.016347					
y48	-0.058766	-0.023162	0.001209	-0.031551	0.007366	0.061024
	0.065743	0.035086	-0.031541	0.063170	-0.019796	0.031016
	0.028151	-0.029823	-0.039141	0.047787	-0.020953	0.093791
	0.029965	-0.034446	0.014310	0.081368	0.051413	-0.122263
	0.053678	-0.018348	0.020779	-0.084480	0.005446	0.003240
	-0.003074					

z48	0.030114	-0.002379	-0.048263	-0.023743	-0.024872	0.057224
	-0.019395	0.033719	-0.000404	-0.008095	0.055097	0.016674
	0.038171	0.005973	0.136878	0.016923	0.007955	-0.057101
	-0.030229	-0.009813	-0.074627	-0.000783	0.060218	0.006837
	0.027760	0.016180	-0.091247	0.088042	0.004023	-0.054515
	0.015588					
x49	0.024452	-0.012706	-0.058588	-0.029044	0.010211	0.006602
	-0.004597	0.009086	-0.035999	0.002380	0.024636	0.025055
	0.022771	0.029731	-0.027039	-0.010958	-0.013598	0.006218
	0.017677	0.008990	0.043918	0.015715	0.043236	0.004336
	-0.032713	-0.020370	0.030440	-0.025972	0.048186	0.020854
	-0.051079					
y49	-0.064511	-0.021080	-0.008781	-0.033345	-0.003220	0.065095
	0.058841	0.038487	-0.050900	0.073686	-0.011215	0.012778
	0.024016	-0.030321	-0.023746	0.045065	-0.014709	0.112216
	0.032735	-0.030630	0.009954	0.068587	0.044579	-0.132422
	0.051367	-0.031144	0.003660	-0.074216	0.001584	0.058524
	0.003857					
z49	0.039656	0.002646	-0.064501	-0.020653	-0.033826	0.034492
	-0.041648	0.033338	-0.037578	0.016845	0.027822	0.026271
	0.065049	-0.017637	0.106490	0.016206	-0.047650	-0.029720
	0.009564	-0.016306	-0.058330	-0.024879	0.050682	-0.033332
	0.033410	-0.005178	-0.050760	0.056240	-0.010667	0.029312
	0.110660					
x50	0.015184	-0.016705	-0.049903	-0.031364	0.003122	-0.003434
	-0.002448	-0.002188	-0.034708	0.000706	0.010865	0.028420
	0.025571	0.021940	-0.029898	-0.010646	-0.034688	0.009909
	0.010883	0.008677	0.007930	0.016578	0.030256	0.016375
	-0.006106	-0.021089	0.015671	-0.011169	0.044226	-0.006152
	0.027551					
y50	-0.074953	-0.031876	0.004726	-0.036737	-0.000398	0.077596
	0.079616	-0.000547	-0.022097	0.048150	-0.004377	0.057905
	0.025940	-0.011501	-0.015115	0.034354	-0.036099	0.072116
	0.004215	-0.023844	-0.030774	0.047290	0.003544	-0.063384
	0.050220	-0.036064	0.000623	-0.040020	0.021569	-0.000107
	0.004232					
z50	0.043140	0.004654	-0.074409	-0.023509	-0.036463	0.021371
	-0.053825	0.024237	-0.049354	0.032911	0.024137	0.034160
	0.054508	-0.011739	0.056575	0.006586	-0.056537	-0.020389
	0.035250	-0.015378	-0.037122	-0.059886	0.059187	-0.043827
	0.013052	-0.031355	-0.026407	0.010239	-0.012629	0.042177
	0.068392					

x51	0.011923	-0.010767	-0.051065	-0.034778	-0.009581	-0.015197
	-0.014258	0.007882	-0.040494	0.009700	-0.005879	0.007391
	0.017736	0.002449	-0.030462	0.004969	-0.018590	0.027839
	0.004959	0.008441	-0.005557	0.004746	0.033783	-0.006102
	-0.007141	-0.008159	0.005403	-0.018264	0.045034	0.002588
	0.046652					
y51	-0.078627	-0.031697	0.008296	-0.031569	0.009524	0.085236
	0.090837	-0.018559	0.000074	0.025223	0.002836	0.069824
	0.019198	-0.015035	-0.016035	0.026582	-0.029280	0.052173
	-0.021712	-0.009452	-0.023456	0.051610	0.006034	-0.045419
	0.037998	-0.006734	-0.009797	-0.044761	0.045584	-0.029041
	-0.026726					
z51	0.041939	0.001871	-0.067430	-0.021035	-0.016728	0.022829
	-0.036700	0.010533	-0.026392	0.017920	0.034114	0.038797
	0.041112	-0.005670	0.019080	-0.005712	-0.051004	-0.026737
	0.027315	-0.000659	-0.018222	-0.017391	0.080278	-0.023186
	0.021355	-0.025961	-0.036792	-0.032977	0.019456	0.002039
	0.008411					
x52	0.008345	-0.012391	-0.048643	-0.039392	-0.010529	-0.019951
	-0.019176	0.003042	-0.042203	0.012924	-0.005904	0.010608
	0.006927	0.011801	-0.037361	-0.010542	-0.030119	0.029775
	0.008501	0.000634	-0.005841	-0.002345	0.038801	-0.006411
	-0.014334	-0.011525	-0.004494	-0.011641	0.051781	-0.006309
	0.025069					
y52	-0.078691	-0.030976	0.006489	-0.028068	0.012344	0.080925
	0.082439	-0.024715	0.002880	0.022733	0.003525	0.081009
	0.019769	-0.017760	-0.021244	0.019645	-0.040715	0.035978
	-0.024521	-0.004589	-0.008211	0.037362	0.001023	-0.051623
	0.038553	0.004659	-0.006652	-0.033973	0.029721	-0.015661
	-0.027534					
z52	0.040388	-0.003576	-0.062442	-0.018550	-0.013106	0.019846
	-0.036951	0.001793	-0.011424	0.019025	0.033012	0.031122
	0.032125	-0.009693	-0.000834	0.007782	-0.042125	-0.027349
	0.014905	0.014117	-0.010708	-0.012271	0.089703	-0.024707
	0.029577	-0.009243	-0.039005	-0.032297	0.001126	0.004218
	0.018778					
x53	0.005562	-0.011837	-0.051621	-0.041622	-0.009822	-0.023649
	-0.015802	-0.005171	-0.042979	0.008712	-0.005407	0.007457
	-0.002018	0.012548	-0.047011	-0.014174	-0.022816	0.032217
	0.012857	0.002996	-0.005291	0.003404	0.033715	-0.007865
	-0.021505	-0.023458	-0.011266	-0.010953	0.064399	-0.013794
	0.017238					

y53	-0.082434	-0.028390	-0.001708	-0.028092	0.016904	0.075782
	0.079656	-0.029743	-0.001245	0.018485	0.014084	0.085874
	0.013525	-0.021586	-0.016798	0.007949	-0.048211	0.028816
	-0.016046	-0.006886	0.000624	0.023325	-0.003727	-0.043684
	0.033765	-0.013372	-0.021001	-0.027934	0.031581	-0.016834
	-0.022768					
z53	0.036069	-0.005441	-0.058976	-0.021226	-0.005834	0.012343
	-0.032794	0.001754	-0.009835	0.018471	0.035925	0.027855
	0.022928	-0.016839	-0.000877	0.007603	-0.040219	-0.025062
	0.012978	0.007617	-0.007066	-0.007878	0.092137	-0.010699
	0.029789	-0.026807	-0.051918	-0.036455	-0.002334	-0.006301
	0.024176					
x54	0.003365	-0.015885	-0.044850	-0.036611	-0.013506	-0.029164
	-0.019540	-0.008672	-0.035586	0.011653	-0.014962	0.001512
	-0.003409	0.007264	-0.039445	-0.007365	-0.015765	0.012978
	0.002874	0.005294	0.003794	-0.005743	0.029337	0.011105
	-0.032515	0.000654	-0.020122	-0.007402	0.035307	-0.009268
	0.021281					
y54	-0.090743	-0.028539	-0.009810	-0.022839	0.018863	0.069512
	0.072328	-0.033772	-0.002376	0.020911	0.023424	0.089498
	0.013378	-0.027002	-0.018631	-0.002274	-0.059183	0.028719
	-0.018531	-0.001181	0.023404	-0.003589	-0.013662	-0.037243
	0.018520	-0.004616	-0.020589	-0.013531	0.015213	-0.005931
	-0.030156					
z54	0.022288	-0.014107	-0.063242	-0.022174	-0.001146	0.003733
	-0.028762	-0.008628	-0.002178	0.025309	0.039414	0.029406
	0.009185	-0.015983	-0.029142	0.003530	-0.044402	-0.001900
	-0.002744	0.016310	-0.000540	-0.014694	0.080017	-0.004662
	0.012088	-0.013255	-0.054514	-0.031950	-0.022441	0.003749
	0.023567					
x55	-0.000895	-0.018077	-0.036251	-0.031085	-0.012881	-0.028630
	-0.024078	-0.009005	-0.030851	0.025103	-0.016709	-0.009616
	0.001173	-0.002755	-0.030876	-0.004559	-0.017045	0.010498
	-0.011137	0.015117	-0.004149	-0.017703	0.033885	0.024874
	-0.046455	-0.003989	-0.010394	0.014037	0.008516	-0.007254
	0.026080					
y55	-0.094303	-0.024064	-0.011797	-0.015017	0.016586	0.056624
	0.061928	-0.040647	-0.010566	0.011873	0.033040	0.069674
	0.029296	-0.040882	-0.013972	-0.023194	-0.059409	-0.002918
	-0.012243	0.000385	0.041677	-0.006829	-0.007534	-0.013203
	-0.010761	-0.001987	-0.021218	0.008213	0.007652	-0.033212
	-0.012542					

z55	0.015036	-0.015565	-0.064352	-0.023854	0.001493	-0.013869
	-0.026451	-0.014460	0.001895	0.015075	0.041422	0.011652
	0.011226	-0.014435	-0.049199	-0.012064	-0.032018	-0.009400
	-0.007232	0.023327	0.017341	0.018926	0.080129	0.006945
	0.001370	-0.011311	-0.057839	-0.032936	-0.016460	-0.022872
	0.056486					
x56	-0.006114	-0.019470	-0.032461	-0.029746	-0.006373	-0.030968
	-0.011163	-0.004014	-0.019184	0.023742	-0.020570	-0.012648
	-0.002017	-0.001552	-0.039222	0.005677	-0.012618	0.028316
	-0.020364	0.023882	0.009427	0.006288	0.032331	0.029687
	-0.028656	-0.025755	0.005236	0.024321	0.020072	-0.004752
	0.030743					
y56	-0.097903	-0.026351	-0.013923	-0.007592	0.025351	0.058177
	0.056786	-0.022243	-0.014726	0.024826	0.035949	0.075785
	0.008693	-0.044384	-0.006152	-0.025834	-0.059766	-0.016747
	-0.020744	0.006653	0.044425	-0.008846	-0.016092	-0.007542
	-0.010534	-0.037526	-0.031163	0.014402	-0.010251	0.027809
	0.036158					
z56	0.010611	-0.021611	-0.061270	-0.024073	0.010812	-0.017484
	-0.025693	-0.003319	0.004842	0.023105	0.043492	0.007759
	-0.003120	-0.007008	-0.044080	-0.009997	-0.023163	-0.022336
	-0.011170	0.009922	0.026360	0.020861	0.086043	0.017288
	0.003908	-0.030088	-0.053894	-0.023074	-0.023093	-0.017681
	0.064359					
x57	-0.005497	-0.022647	-0.030490	-0.027417	-0.002165	-0.040766
	-0.006058	-0.006257	-0.016877	0.018555	-0.013156	-0.005012
	-0.012377	0.004064	-0.041256	0.013723	-0.003555	0.014165
	-0.024227	0.019011	0.030517	0.015064	0.021662	0.011699
	-0.006669	-0.007322	-0.016554	0.007213	0.004175	0.027996
	0.030340					
y57	-0.098367	-0.024898	-0.018073	-0.011028	0.023729	0.052856
	0.049085	-0.024275	-0.021839	0.024483	0.036234	0.072458
	-0.002255	-0.047540	-0.011189	-0.010721	-0.058580	-0.027790
	-0.003388	0.034275	0.033045	0.000210	-0.028404	-0.025261
	-0.004864	-0.020757	-0.032735	0.020551	-0.025612	0.058730
	-0.011732					
z57	0.005962	-0.024788	-0.061934	-0.020581	0.009644	-0.016998
	-0.027740	-0.004549	-0.003257	0.033549	0.044807	0.003192
	-0.017717	-0.004764	-0.054615	-0.006714	-0.018758	-0.027518
	-0.006853	0.022585	0.017199	0.027553	0.084508	0.013427
	0.009199	-0.002735	-0.031526	-0.000202	-0.015131	-0.008341
	0.025411					

x58	0.000397	-0.023471	-0.027364	-0.021862	-0.005870	-0.039282
	-0.013161	-0.007343	-0.023536	0.013298	-0.017017	-0.011757
	-0.012076	0.005330	-0.037691	0.006836	0.004658	0.004067
	-0.024720	0.009636	0.012076	0.002294	0.013313	0.006070
	-0.019580	0.003868	-0.023070	0.001550	-0.006385	0.045307
	0.041332					
y58	-0.099112	-0.022168	-0.024123	-0.012066	0.019150	0.047811
	0.039755	-0.028281	-0.023558	0.016821	0.034226	0.054236
	0.009010	-0.047156	-0.004052	-0.009295	-0.057128	-0.020534
	0.014838	0.030935	0.034423	-0.012956	-0.040352	-0.030586
	-0.023019	-0.007957	-0.024343	0.025883	-0.016558	0.034693
	-0.023935					
z58	-0.000607	-0.032094	-0.063178	-0.018340	0.004926	-0.023808
	-0.023334	-0.012666	-0.001221	0.031322	0.040757	-0.000889
	-0.016340	0.002335	-0.067503	0.003096	-0.016316	-0.021667
	-0.014197	0.008896	0.013971	0.028170	0.066534	0.021983
	0.003955	-0.000881	-0.021329	0.018251	-0.004355	-0.011324
	0.024879					
x59	0.003955	-0.024062	-0.015118	-0.017343	-0.007474	-0.039773
	-0.011819	-0.008466	-0.017800	0.020248	-0.015382	-0.003583
	-0.010260	-0.001857	-0.030244	0.017747	0.003330	0.000987
	-0.037335	0.011070	-0.017684	-0.018756	0.007862	0.009039
	-0.020811	0.010678	-0.023814	0.005703	-0.038581	0.073026
	0.034118					
y59	-0.101280	-0.019481	-0.023979	-0.010337	0.019437	0.036750
	0.034798	-0.033427	-0.019220	0.009315	0.023596	0.039539
	0.014188	-0.047894	0.005517	-0.021405	-0.030761	-0.031106
	0.025490	0.035412	0.025900	-0.029480	-0.015788	-0.004858
	-0.029660	0.001187	-0.024595	0.031546	-0.042450	0.021060
	-0.008231					
z59	-0.008552	-0.036407	-0.061752	-0.015771	0.006836	-0.031551
	-0.017562	-0.020829	0.002587	0.028644	0.036454	0.008048
	-0.018009	0.006009	-0.064493	0.003650	-0.003832	-0.032734
	-0.015363	0.009147	0.007686	0.034498	0.052160	0.043584
	-0.011346	0.013088	-0.030493	0.025669	-0.013072	-0.006511
	0.043745					
x60	0.007134	-0.019290	-0.003329	-0.014298	-0.004240	-0.039884
	-0.010367	-0.012652	-0.012586	0.022985	-0.013835	0.002987
	-0.014119	0.000208	-0.021703	0.017458	0.016796	0.002913
	-0.051518	-0.007964	-0.015736	-0.007651	-0.003120	0.006552
	-0.006003	0.018287	-0.037214	-0.000417	-0.031501	0.068929
	0.046595					

y60	-0.097833	-0.015228	-0.020720	-0.014793	0.013398	0.030284
	0.027393	-0.035661	-0.025292	0.000573	0.025975	0.023163
	0.012738	-0.054811	0.008122	-0.019170	-0.009015	-0.030344
	0.037810	0.042621	-0.001487	-0.025889	0.009076	0.003175
	-0.013271	-0.010383	-0.002011	0.021881	-0.055212	-0.008899
	-0.015595					
z60	-0.012169	-0.037861	-0.059269	-0.015753	0.002663	-0.037510
	-0.015580	-0.021997	-0.012325	0.024625	0.039260	0.003836
	-0.023797	-0.003621	-0.056657	0.013755	0.016048	-0.030290
	0.000276	0.018288	-0.009668	0.058615	0.051236	0.048507
	-0.014876	0.009156	-0.008726	0.003384	-0.023320	-0.020012
	0.052454					
x61	0.004790	-0.016236	-0.000395	-0.015818	0.000398	-0.035728
	-0.010010	-0.009356	-0.006429	0.023362	-0.013727	-0.003329
	-0.012516	-0.000978	-0.023501	0.010671	0.019231	0.010856
	-0.045512	0.009559	-0.001082	0.004145	-0.017209	0.009621
	-0.014646	0.010954	-0.018567	0.008446	-0.004182	0.033699
	0.016764					
y61	-0.096935	-0.014383	-0.024007	-0.014051	0.011390	0.028395
	0.021359	-0.024936	-0.023522	0.000331	0.033485	0.009667
	0.015201	-0.066383	0.011055	-0.015981	-0.004564	-0.017692
	0.045470	0.046277	0.002063	-0.033396	0.005992	-0.001456
	-0.020840	-0.003178	0.025745	0.052047	-0.043677	-0.034986
	-0.037043					
z61	-0.015322	-0.043756	-0.057702	-0.012345	0.003086	-0.038488
	-0.006916	-0.018665	-0.012660	0.030586	0.040025	0.001027
	-0.021742	-0.012381	-0.038649	0.022366	0.023008	-0.026551
	0.016702	0.014622	-0.001837	0.044761	0.041003	0.044278
	-0.026432	0.016236	0.013726	0.015939	-0.039666	-0.039426
	0.030361					
x62	0.003462	-0.018436	0.007797	-0.010062	0.000874	-0.028012
	-0.016667	-0.000307	-0.005968	0.017069	-0.017272	-0.008565
	-0.001112	-0.005895	0.008122	0.027287	-0.006295	0.011597
	-0.024485	0.026934	-0.015987	-0.038771	-0.008949	0.014501
	-0.022895	-0.008610	0.008956	0.001589	0.001057	0.001288
	0.018069					
y62	-0.095053	-0.013230	-0.030801	-0.004325	0.009073	0.027311
	0.011487	-0.015421	-0.025387	-0.008781	0.024628	-0.003350
	0.012811	-0.060730	0.031954	-0.021912	0.005991	-0.005029
	0.050930	0.026066	0.010858	-0.037343	-0.010330	-0.000594
	-0.038538	0.014835	-0.006198	0.068844	-0.025436	-0.070453
	0.000384					

z62	-0.016681	-0.049668	-0.057339	-0.008500	0.002266	-0.039000
	0.000560	-0.015197	-0.011242	0.029403	0.033125	-0.008596
	-0.018431	-0.000226	-0.031706	0.023081	0.031032	-0.027998
	0.014619	-0.000068	0.004153	0.051193	0.010420	0.037499
	-0.040368	0.018324	-0.016757	0.031925	-0.036305	-0.043568
	0.043929					
x63	0.012773	-0.014395	0.016473	-0.011234	-0.003824	-0.022983
	-0.016213	0.001111	-0.017282	0.012379	-0.032530	0.007168
	-0.012372	0.004164	0.029712	0.025143	0.003115	-0.001299
	-0.014803	0.011443	-0.019073	-0.041817	-0.005904	0.013786
	-0.008329	-0.018470	-0.032647	0.003635	-0.018252	0.031641
	0.046287					
y63	-0.092014	-0.010917	-0.029389	-0.003465	0.009175	0.024383
	-0.011341	-0.005354	-0.022067	-0.019264	0.028885	-0.016559
	0.012025	-0.063593	0.029993	-0.014448	0.014210	-0.020279
	0.025729	0.011174	0.002068	-0.038677	-0.007854	-0.022529
	-0.045472	0.023303	-0.001550	0.051671	-0.026009	-0.039807
	0.033448					
z63	-0.022740	-0.053457	-0.051781	-0.007479	0.006052	-0.041953
	-0.002218	-0.017951	-0.009037	0.024390	0.038848	-0.017348
	-0.016573	-0.006436	-0.030447	0.037856	0.037396	-0.044890
	-0.002934	-0.008383	0.008695	0.054614	-0.002263	0.020284
	-0.061090	0.020862	-0.017487	0.011020	-0.040350	-0.021848
	0.067426					
x64	0.013913	-0.012625	0.019319	-0.017232	-0.008929	-0.026659
	-0.001832	-0.000027	-0.015492	0.015170	-0.028743	0.005583
	-0.019905	0.009794	0.011268	0.013655	0.002588	-0.013095
	-0.025534	0.000523	-0.002555	-0.000099	-0.028601	-0.005867
	-0.001195	-0.002128	-0.023738	-0.006010	-0.020049	0.037219
	0.008616					
y64	-0.092052	-0.009972	-0.028110	-0.002499	0.007213	0.011247
	-0.024699	-0.002206	-0.018777	-0.028613	0.035274	-0.037791
	0.022583	-0.066091	0.009068	-0.022611	0.009910	-0.031968
	0.004499	0.005079	-0.013968	-0.032661	0.014766	-0.016414
	-0.044044	0.041587	0.044633	0.040445	-0.021851	-0.044453
	0.035034					
z64	-0.027983	-0.058390	-0.041097	-0.006339	0.009133	-0.048088
	0.003082	-0.021363	-0.006100	0.023059	0.041330	-0.029089
	-0.005122	-0.003450	-0.023858	0.039450	0.032678	-0.058809
	0.003229	-0.007489	0.013699	0.049617	0.004520	0.025434
	-0.060223	0.033015	0.009753	-0.000713	-0.033631	-0.035237
	0.054305					

x65	0.010534	-0.011921	0.024915	-0.019296	-0.007346	-0.025297
	0.014005	0.003649	-0.002850	0.005368	-0.023202	0.000454
	-0.012305	0.009124	0.023643	0.014027	-0.005527	-0.016587
	-0.032549	-0.012413	0.012541	0.006521	-0.028685	-0.024302
	0.002323	0.019707	-0.005899	-0.026593	-0.019177	-0.001784
	-0.017723					
y65	-0.090658	-0.008578	-0.031259	0.003184	0.005472	0.005921
	-0.031876	0.004746	-0.017460	-0.012476	0.025174	-0.026472
	0.023262	-0.054730	0.009958	-0.003981	0.028329	-0.016985
	-0.008890	-0.014298	-0.026682	-0.022074	0.027869	-0.025388
	-0.000732	0.032167	0.030865	0.033034	-0.022201	-0.048859
	0.046755					
z65	-0.027140	-0.064402	-0.034101	-0.004015	0.007815	-0.050521
	0.016916	-0.020716	-0.003831	0.028861	0.027615	-0.012260
	-0.005362	0.014772	-0.002776	0.060922	0.044263	-0.033662
	0.025483	-0.005704	0.037204	0.028087	0.000482	0.038655
	-0.042152	0.019377	-0.003862	0.022393	-0.046535	-0.056007
	0.012468					
x66	0.007039	-0.008360	0.033598	-0.023154	0.002038	-0.021859
	0.011473	0.009649	0.008959	0.003933	-0.027091	0.023177
	-0.008130	0.011351	0.052358	0.017586	-0.017133	-0.012480
	-0.018671	-0.015096	0.025259	-0.046852	0.011132	0.026153
	0.002498	-0.005311	-0.008248	-0.021166	-0.016361	-0.032931
	-0.028694					
y66	-0.086006	-0.005789	-0.032911	0.005558	-0.001010	0.004820
	-0.044967	0.008229	-0.014346	-0.007515	0.031418	-0.024947
	0.034798	-0.057538	0.010047	0.015173	0.027026	-0.034781
	0.004842	-0.032859	-0.033991	-0.019191	0.010722	-0.024762
	0.035906	0.028366	0.010970	0.004752	-0.026436	-0.044649
	0.039987					
z66	-0.029217	-0.065481	-0.026530	0.004254	0.012433	-0.045740
	0.018313	-0.027533	0.006666	0.021609	0.020277	-0.000276
	0.009181	0.023777	0.011890	0.075872	0.059322	-0.004546
	0.030854	0.004091	0.037012	0.011928	-0.003143	0.048905
	-0.015006	0.012827	0.007526	0.034376	-0.043058	-0.078131
	-0.021985					
x67	0.009299	-0.003263	0.044030	-0.024249	0.005286	-0.020414
	0.008228	0.007888	0.018442	0.015283	-0.026934	0.024246
	-0.005045	0.014636	0.048178	0.013801	-0.010146	-0.002233
	-0.009764	-0.014349	0.012794	-0.057527	0.015773	0.065330
	0.001607	-0.045791	0.000277	0.000595	-0.007721	-0.055200
	-0.026234					

y67	-0.075588	0.000399	-0.037604	0.000611	-0.002027	0.005534
	-0.057893	0.013105	-0.028459	-0.007588	0.021298	-0.032720
	0.037417	-0.049674	-0.011411	-0.005296	0.017124	-0.061516
	-0.018798	-0.019838	-0.064104	-0.012636	-0.018274	-0.046002
	0.052062	0.027706	0.007184	-0.017214	-0.036590	0.001384
	0.069989					
z67	-0.025071	-0.060886	-0.019880	0.006733	0.018599	-0.038795
	0.016571	-0.032286	-0.009001	0.011336	0.004713	0.001597
	0.008370	0.028651	0.011732	0.048404	0.061735	-0.024630
	-0.008658	0.003514	0.000459	0.032122	-0.035175	0.016422
	0.004391	0.024752	-0.002218	0.010847	-0.047216	-0.022601
	-0.000048					
x68	0.015238	0.002087	0.043396	-0.024838	0.003567	-0.010562
	0.011119	0.009453	0.021818	0.013605	-0.020322	0.013259
	-0.018872	0.028271	0.002669	-0.024149	0.006186	-0.021725
	-0.056143	-0.025075	-0.008775	0.001015	-0.027302	0.034560
	0.027770	-0.035219	-0.009340	0.000338	-0.012037	-0.007156
	-0.020282					
y68	-0.067814	0.005551	-0.036692	-0.003089	-0.003262	0.002092
	-0.063186	0.012972	-0.034237	-0.001022	0.014501	-0.043459
	0.041577	-0.044289	-0.018651	-0.000226	0.015517	-0.063468
	-0.013197	-0.010961	-0.068366	-0.016396	-0.016987	-0.057354
	0.044465	0.022576	0.013007	-0.013951	-0.050897	0.017917
	0.074737					
z68	-0.024859	-0.058220	-0.008748	0.010154	0.025935	-0.038423
	0.014645	-0.039786	-0.008424	0.013185	-0.001165	-0.001556
	0.012069	0.033691	0.010151	0.040722	0.058317	-0.020850
	-0.026893	0.002137	-0.010063	0.025727	-0.027989	-0.004921
	0.005168	0.023703	0.002408	0.016712	-0.057385	-0.013143
	0.011445					
x69	0.009622	0.006378	0.037877	-0.026936	0.000699	-0.007134
	0.016794	0.000375	0.029801	0.015429	-0.026909	0.016766
	-0.015256	0.023135	-0.026227	-0.035729	-0.001660	0.008551
	-0.077268	-0.010673	-0.010837	0.007106	-0.016582	0.028281
	0.030083	0.000656	-0.005765	-0.004455	0.003447	-0.006254
	-0.041301					
y69	-0.062936	0.007139	-0.040214	0.001292	-0.011836	0.001203
	-0.058137	0.020294	-0.040742	-0.004147	0.005074	-0.032981
	0.034492	-0.037406	-0.011645	0.005560	0.000257	-0.037179
	0.011237	-0.006857	-0.038508	-0.023573	-0.012694	-0.046147
	0.022353	0.038408	0.034284	0.009719	-0.023402	0.023087
	0.020469					

z69	-0.024101	-0.058767	-0.006844	0.016653	0.027476	-0.035065
	0.019065	-0.045062	-0.010483	0.001920	-0.011512	0.005431
	0.008550	0.042994	0.012280	0.037447	0.050898	-0.004894
	-0.034737	-0.005470	-0.002165	0.014602	-0.027939	-0.015629
	0.016853	0.031392	0.024508	0.038999	-0.034148	0.000310
	-0.030889					
x70	0.018146	0.008043	0.044801	-0.026951	-0.000807	0.000237
	0.020316	-0.001335	0.027051	0.012688	-0.031940	0.007047
	-0.014016	0.010008	-0.018031	-0.036145	-0.009973	0.008922
	-0.084605	-0.004998	-0.046050	0.002142	-0.011758	0.003306
	0.017871	-0.002528	-0.010912	-0.003506	-0.021079	-0.008046
	-0.001638					
y70	-0.058330	0.006788	-0.042037	0.005296	-0.017509	-0.006524
	-0.062612	0.031795	-0.047984	-0.010853	0.006083	-0.033124
	0.019892	-0.049655	-0.003772	-0.006735	-0.001057	-0.043070
	0.030229	-0.002469	-0.020573	-0.023915	-0.038271	-0.044683
	-0.001242	0.016245	0.027500	0.001460	-0.014777	0.024407
	0.033069					
z70	-0.020857	-0.058533	-0.004687	0.021061	0.030236	-0.038511
	0.013907	-0.038528	-0.017528	-0.008493	-0.015077	0.002677
	0.002286	0.032694	0.019243	0.026999	0.051287	-0.006513
	-0.025753	-0.008746	-0.005498	0.013558	-0.050497	-0.031109
	0.028161	0.013222	0.015403	0.021191	-0.026888	0.015289
	-0.033315					
x71	0.029140	0.013043	0.039258	-0.033465	-0.005243	0.013342
	0.029023	0.009001	0.021464	0.004072	-0.024586	0.021723
	-0.022204	0.021268	0.014695	-0.017617	-0.009102	0.001443
	-0.048282	-0.018588	-0.023683	0.028729	-0.021447	-0.007727
	0.011565	0.007044	-0.046122	-0.011980	-0.007187	-0.005431
	0.001138					
y71	-0.052955	0.009777	-0.036196	0.006494	-0.020467	-0.013636
	-0.071797	0.036575	-0.043563	-0.009421	0.003731	-0.031945
	0.012895	-0.053103	0.007062	0.006325	-0.001305	-0.032965
	0.050242	-0.004427	0.007806	-0.035853	-0.030369	-0.032550
	-0.022514	0.009694	0.029984	0.001693	-0.018421	0.019759
	0.035314					
z71	-0.019458	-0.057328	0.004900	0.024380	0.036315	-0.046443
	0.000507	-0.038672	-0.011002	-0.006190	-0.015794	0.002911
	-0.001612	0.025948	0.036247	0.039953	0.045494	0.025331
	-0.014999	-0.020631	0.021172	-0.021443	-0.023041	-0.034718
	0.027029	-0.005267	0.011893	0.028325	-0.016066	-0.004439
	-0.044083					

x72	0.028872	0.013978	0.037926	-0.040944	-0.009773	0.008257
	0.039852	0.006856	0.023847	0.012580	-0.026371	0.026512
	-0.021334	0.019951	0.020889	-0.003249	0.001485	0.006729
	-0.045564	-0.000152	-0.003349	0.006924	0.020839	0.016795
	0.011574	-0.018133	-0.016028	0.010793	-0.006099	-0.021818
	0.002684					
y72	-0.053639	0.012917	-0.039736	0.009439	-0.017048	-0.011828
	-0.083243	0.038956	-0.031299	0.000781	0.012564	-0.042752
	0.020979	-0.036625	-0.013164	-0.000512	-0.016212	-0.029797
	0.055714	-0.007406	0.017119	-0.028473	-0.053555	-0.041304
	-0.014621	0.037127	0.049699	-0.031632	-0.007857	0.006119
	0.029871					
z72	-0.018850	-0.056836	0.004502	0.033111	0.038682	-0.041467
	-0.008661	-0.028467	-0.005862	-0.001851	-0.009903	-0.001635
	-0.003638	0.017241	0.035801	0.040025	0.045795	0.053722
	0.007456	-0.024381	0.020852	-0.036816	-0.011567	-0.042095
	0.013981	0.014274	0.016931	0.002495	-0.024642	-0.008533
	-0.057496					
x73	0.026912	0.016088	0.038257	-0.043293	-0.012026	0.010526
	0.045580	0.008834	0.027227	0.034757	-0.020927	-0.006019
	-0.006106	0.013953	-0.003407	-0.013663	0.031629	-0.005498
	-0.056802	0.015200	-0.042204	-0.005551	0.030319	0.026855
	0.033841	-0.032441	0.014182	-0.002173	-0.028666	-0.010248
	0.001692					
y73	-0.046347	0.014631	-0.034045	0.005787	-0.021243	-0.022309
	-0.085984	0.023889	-0.033804	0.006517	0.012756	-0.046806
	0.022243	-0.029132	-0.031634	0.000938	-0.007874	-0.040513
	0.037962	0.005167	-0.007823	-0.032849	-0.042551	-0.044619
	0.012782	0.007768	0.046408	-0.026866	-0.028641	0.008502
	0.049663					
z73	-0.011935	-0.058675	0.017359	0.037187	0.036808	-0.043727
	-0.014683	-0.039016	-0.005764	-0.004288	-0.018844	-0.008471
	-0.014600	0.007550	0.022405	0.026581	0.042201	0.050515
	-0.016223	-0.028995	0.014250	-0.049069	0.014646	-0.054565
	0.041969	-0.020537	0.019827	0.043646	-0.033608	-0.002846
	-0.017033					
x74	0.026094	0.027480	0.029786	-0.036572	-0.012044	0.027425
	0.051575	0.012693	0.035142	0.032222	-0.013952	-0.007938
	-0.000280	0.015474	-0.023028	-0.039129	0.019095	-0.014987
	-0.061676	-0.000836	-0.039891	0.036313	-0.007581	0.030262
	0.009858	0.008239	-0.017822	-0.000255	0.000962	0.012718
	-0.015799					

y74	-0.032406	0.015032	-0.029816	0.000850	-0.030655	-0.022678
	-0.078469	0.020796	-0.048477	0.001264	0.018953	-0.024609
	0.023996	-0.022948	0.012948	0.007908	-0.011905	-0.041866
	0.069892	0.012540	-0.003480	-0.040670	-0.047827	-0.034752
	-0.002460	0.005205	0.033249	-0.050057	-0.058232	0.012476
	0.002899					
z74	-0.003504	-0.056342	0.021427	0.036327	0.038870	-0.044351
	-0.022437	-0.033410	-0.008303	-0.006708	-0.033432	-0.003110
	-0.007367	0.008213	0.029718	0.029737	0.047312	0.045600
	-0.019191	-0.032677	0.014435	-0.044250	0.010659	-0.075049
	0.056150	-0.007184	-0.007778	0.025741	-0.039760	0.011179
	-0.008769					
x75	0.027743	0.025123	0.017036	-0.042106	-0.020981	0.022174
	0.068445	0.023354	0.021046	0.030704	-0.006813	-0.014121
	-0.016440	0.010690	-0.039365	-0.034885	0.018275	-0.016258
	-0.032540	0.006097	-0.008526	0.045961	0.010836	0.043816
	-0.024372	0.013423	-0.000114	-0.012720	-0.000183	0.018933
	-0.025274					
y75	-0.029448	0.019092	-0.036107	0.003655	-0.029727	-0.024027
	-0.076730	0.018865	-0.039725	-0.005587	0.011907	-0.012083
	0.021831	-0.020488	0.027381	0.009223	-0.023915	-0.029024
	0.090096	0.025809	0.036777	-0.039497	-0.059224	-0.039681
	-0.028443	0.006698	0.033912	-0.061323	-0.074745	-0.001104
	-0.048207					
z75	-0.001958	-0.059847	0.017509	0.042903	0.048504	-0.040272
	-0.022069	-0.020455	-0.001525	-0.010033	-0.028650	0.002679
	-0.028428	-0.007146	-0.000537	0.024860	0.041610	0.057028
	-0.008618	-0.029234	0.036548	-0.033694	0.037515	-0.044438
	0.040750	-0.002797	0.007852	-0.001485	-0.029983	0.033337
	-0.034049					
x76	0.024354	0.031013	0.009328	-0.052900	-0.022479	0.019588
	0.065742	0.034650	0.020777	0.039134	0.012058	-0.015591
	-0.003475	0.011107	-0.040013	-0.016521	0.033649	-0.017435
	-0.040945	0.001938	-0.002982	0.035580	0.015982	0.015675
	-0.042034	0.015872	0.021864	-0.020911	0.012365	0.025044
	0.012726					
y76	-0.026585	0.025088	-0.022919	0.001643	-0.036245	-0.024715
	-0.067144	0.015301	-0.037258	-0.009917	-0.001127	0.009642
	0.005699	-0.017110	0.011332	-0.010449	-0.007537	-0.010512
	0.098461	0.035865	0.036175	-0.030509	-0.026541	0.025343
	-0.011573	-0.009272	-0.001563	-0.010476	-0.092774	0.022437
	-0.069210					

z76	0.002508	-0.063900	0.023947	0.047650	0.047090	-0.027466
	-0.019673	-0.030765	0.008024	-0.004248	-0.014885	0.015399
	-0.040454	-0.016930	-0.007405	0.025621	0.018735	0.069172
	0.003617	-0.020629	0.034701	-0.041825	0.050212	0.017084
	0.027367	-0.000305	0.020525	0.006597	-0.005658	0.045494
	-0.045946					
x77	0.016042	0.038727	0.009746	-0.061051	-0.019147	0.026114
	0.053983	0.033991	0.027486	0.039515	0.014857	-0.021667
	0.007267	0.008061	-0.017847	0.003147	0.033227	-0.010036
	-0.049464	-0.012486	-0.009612	0.035036	-0.030575	0.001283
	-0.024100	0.018694	0.022816	0.005568	0.038893	0.020414
	0.014210					
y77	-0.021811	0.033448	-0.016014	0.000193	-0.035166	-0.023244
	-0.060920	0.017085	-0.030304	-0.009371	-0.004021	0.018414
	0.013244	0.005049	-0.003491	-0.029348	0.006444	-0.016882
	0.073853	0.029944	0.027831	-0.004668	-0.010419	0.020427
	0.004892	-0.024639	-0.028755	-0.002112	-0.096046	0.009473
	-0.036616					
z77	0.008060	-0.059489	0.024030	0.049090	0.047969	-0.017906
	-0.021247	-0.030271	0.011367	-0.001620	-0.004808	0.022385
	-0.026470	-0.005742	0.003516	0.032730	0.000622	0.063534
	0.002714	-0.022050	0.030277	-0.023527	0.029808	0.001135
	0.016096	0.003358	0.021271	-0.006686	0.006774	0.035131
	-0.005442					
x78	0.010841	0.039213	0.008952	-0.073659	-0.027509	0.025370
	0.061600	0.041931	0.013486	0.020876	0.016385	-0.024551
	0.002170	0.001505	0.001781	0.008649	0.030947	-0.012781
	-0.043476	-0.008004	-0.004785	0.038414	-0.046595	0.025625
	-0.008984	0.025487	-0.021371	0.015323	0.020310	-0.001864
	0.023831					
y78	-0.019631	0.039321	-0.011150	0.006600	-0.025930	-0.017876
	-0.065486	0.014280	-0.017315	-0.002832	-0.019235	0.023125
	0.013820	0.018992	-0.003415	-0.041004	0.017213	-0.017422
	0.040256	0.001037	0.027130	0.005368	-0.010711	-0.010054
	0.005986	-0.026975	-0.041953	0.001554	-0.078352	0.008166
	-0.018973					
z78	0.008580	-0.059494	0.026223	0.050359	0.045735	-0.009942
	-0.017213	-0.029430	0.011840	0.003694	-0.014811	0.020965
	-0.031814	-0.006478	0.015451	0.022795	-0.009831	0.061096
	-0.003701	-0.029109	0.021611	-0.021129	0.021799	-0.002129
	-0.002125	0.004453	0.018754	-0.006707	0.010797	0.026716
	0.001194					

x79	0.001684	0.036024	0.005486	-0.083881	-0.032338	0.029687
	0.068594	0.045704	0.003815	0.006331	0.013998	-0.011122
	0.002206	-0.001925	0.014659	0.022164	0.044972	-0.016805
	-0.027118	-0.023146	-0.002943	0.028751	-0.032630	0.034608
	-0.003931	0.039623	-0.022906	0.031126	0.027134	-0.007847
	0.022671					
y79	-0.014047	0.043404	-0.007389	0.011519	-0.019511	-0.022594
	-0.071971	0.016750	-0.008443	0.003548	-0.021197	0.022151
	0.015709	0.017539	-0.018675	-0.053545	0.017467	-0.008325
	0.022310	0.003833	0.033706	0.013381	-0.001740	-0.011960
	0.003474	-0.028632	-0.040277	-0.013839	-0.037972	0.016544
	-0.016787					
z79	0.006655	-0.057867	0.026652	0.046256	0.038686	-0.009537
	-0.016369	-0.019957	0.011504	0.013083	-0.018671	0.017591
	-0.030585	-0.015642	0.019055	0.008150	-0.018694	0.066586
	0.008083	-0.013548	0.016704	-0.013700	0.025716	0.011380
	-0.022355	-0.005673	0.030620	-0.013092	0.041338	0.023262
	0.007076					
x80	-0.005718	0.036048	0.003515	-0.095638	-0.029904	0.022327
	0.053972	0.056000	-0.004220	-0.007787	0.016465	-0.014413
	0.011910	-0.002785	0.018109	0.031444	0.048269	-0.018747
	0.001694	-0.019204	0.003956	0.036346	-0.000763	0.019009
	0.007348	0.025018	0.003397	0.023534	0.059678	-0.022011
	0.045674					
y80	-0.006934	0.046571	-0.008036	0.019547	-0.012550	-0.018529
	-0.067784	0.013987	0.000002	0.007311	-0.022830	0.028062
	0.011210	0.020638	-0.038808	-0.063723	0.017648	-0.010549
	-0.007854	-0.006054	0.041963	0.000228	-0.001406	-0.006641
	0.012508	-0.017039	-0.046311	-0.009116	-0.020214	0.022949
	-0.018045					
z80	0.004506	-0.052036	0.022294	0.041182	0.030488	-0.003735
	-0.015549	-0.010383	0.007146	0.021089	-0.021014	0.011571
	-0.030406	-0.015084	0.027211	-0.002506	-0.017515	0.063784
	0.005414	-0.007792	0.014543	-0.009785	0.015214	0.014349
	-0.033536	0.002891	0.034578	-0.011017	0.046955	0.032208
	0.028550					
x81	-0.011909	0.032321	-0.000169	-0.103815	-0.026558	0.015038
	0.037092	0.051758	-0.012029	-0.014185	0.006727	-0.018630
	0.010106	-0.012165	0.022585	0.037613	0.064077	-0.029287
	0.015058	-0.027314	-0.007537	0.013979	0.014208	0.019113
	0.005576	0.031579	0.023117	-0.002617	0.044215	-0.010041
	0.040332					

y81	-0.001541	0.042619	-0.004299	0.027649	-0.006067	-0.009889
	-0.059746	-0.004116	0.021537	0.008276	-0.013506	0.049353
	0.017391	0.032427	-0.054260	-0.053027	-0.012086	-0.016051
	-0.050582	-0.014457	0.057709	-0.015615	-0.033348	-0.007528
	0.012215	0.018052	-0.054799	0.001844	0.006546	0.007619
	0.012137					
z81	0.000195	-0.052887	0.024782	0.034187	0.018965	0.003846
	-0.012128	-0.017343	0.012040	0.028939	-0.024668	0.012858
	-0.029453	-0.008412	0.037237	-0.007080	-0.027126	0.049931
	-0.011155	-0.000490	0.003019	-0.025673	-0.014151	0.027214
	-0.044089	0.022881	0.035497	0.006251	0.026542	0.029499
	0.044525					
x82	-0.014381	0.026218	-0.004943	-0.103697	-0.027041	0.012523
	0.024240	0.033807	-0.006954	-0.009332	-0.000861	-0.005263
	0.010094	-0.013125	0.016398	0.044032	0.084583	-0.024349
	0.024269	-0.042472	0.000474	-0.013506	0.006667	0.005708
	-0.002347	0.045573	0.055243	0.004943	-0.013218	0.026959
	-0.009006					
y82	0.004842	0.037990	-0.003902	0.035239	0.000316	-0.008845
	-0.050363	-0.007253	0.027184	0.002715	-0.000371	0.059728
	0.023736	0.032607	-0.056495	-0.047010	-0.037502	-0.021846
	-0.081242	-0.000254	0.051965	-0.021212	-0.034869	-0.017952
	0.019781	0.024955	-0.078978	-0.008980	0.039840	-0.032149
	0.021021					
z82	-0.003744	-0.049169	0.023951	0.028729	0.007588	0.003309
	-0.007704	-0.010801	0.006789	0.032263	-0.023010	0.007193
	-0.023842	-0.005065	0.053136	-0.021997	-0.018858	0.037614
	-0.018379	0.029834	-0.025552	-0.020447	-0.009110	0.028274
	-0.044219	0.006337	0.029275	0.007136	-0.009257	0.022350
	0.027468					
x83	-0.008922	0.032505	-0.010565	-0.075413	-0.016007	0.002792
	0.015578	0.022956	0.024203	-0.025601	0.033000	-0.007166
	0.001930	-0.086232	0.033992	0.035761	0.111598	-0.027936
	0.045356	-0.003298	-0.053717	0.030533	-0.011425	-0.022939
	0.028058	0.031749	0.053983	-0.033850	-0.004989	0.040315
	-0.005725					
y83	0.011246	0.038694	-0.002549	0.066424	-0.000897	-0.034468
	-0.039683	-0.004389	0.061842	-0.014334	0.003153	0.059359
	0.031923	-0.012048	-0.042909	-0.050067	-0.009973	-0.003225
	-0.094091	0.040064	-0.000681	0.037333	-0.059381	-0.077851
	0.039242	0.049476	-0.069921	-0.005480	0.032947	-0.051121
	-0.018779					

z83	0.009837	-0.035129	0.019117	0.077484	0.008750	-0.024013
	0.003311	-0.016316	0.041354	0.047866	-0.013159	-0.006782
	-0.015319	-0.108093	0.071384	-0.035561	0.055520	0.044244
	0.019761	0.151495	-0.089702	0.104366	-0.048938	-0.006198
	-0.041331	0.012715	0.039838	-0.043699	-0.081728	0.074256
	0.010930					
x84	-0.031147	0.009078	0.011701	0.054297	0.024268	-0.013397
	-0.072007	-0.011040	0.036527	-0.025657	0.026100	0.021741
	0.090117	0.049928	-0.021527	0.053246	-0.041182	-0.030991
	0.012520	-0.125012	-0.002972	0.028875	0.047640	-0.111420
	0.054637	-0.018210	0.061425	-0.001583	-0.018600	-0.008537
	-0.041714					
y84	0.001000	-0.014978	0.023814	0.050001	-0.047901	0.002198
	0.048957	-0.031767	0.000929	0.033782	0.033617	-0.015294
	0.018241	0.026122	-0.013137	-0.041898	0.015891	0.014577
	0.006681	0.005095	0.018886	0.026300	-0.036160	0.044383
	-0.023448	-0.049965	-0.009137	-0.030764	0.005284	-0.074131
	-0.059520					
z84	0.012282	0.019639	0.033700	-0.090434	0.058214	0.120643
	-0.074058	0.083302	0.097134	0.082020	-0.042014	-0.004410
	-0.051284	0.017276	0.015048	0.128280	-0.007123	-0.052182
	0.074506	-0.088726	0.055006	-0.047379	0.014193	-0.045942
	-0.115435	-0.076686	0.005186	0.021736	-0.047046	-0.050857
	0.067520					
x85	-0.021861	0.007801	0.003823	0.041634	0.009989	-0.023429
	-0.048358	-0.005060	0.029449	-0.012003	0.009629	0.006879
	0.062906	0.015137	-0.050316	0.034443	-0.012879	-0.010522
	-0.034569	-0.088561	0.071669	0.000120	-0.055070	-0.044606
	0.035904	0.012799	0.048285	-0.075133	0.044453	-0.055280
	0.044159					
y85	0.000464	-0.027089	0.036867	0.045063	-0.005598	0.037053
	0.008191	-0.028579	0.008142	0.009671	0.017239	-0.030632
	0.052389	0.002280	0.017970	0.008148	-0.034790	-0.059259
	0.069996	-0.036867	-0.017218	0.004167	0.089303	0.047870
	-0.037706	-0.080219	-0.032101	0.000108	-0.078029	0.032198
	0.111062					
z85	-0.001551	0.003151	0.021141	-0.005564	-0.010496	0.036315
	-0.021633	0.012962	0.011272	0.019209	-0.002098	0.013268
	-0.009999	0.026995	0.026472	0.053739	0.006097	-0.001818
	-0.015111	-0.007304	-0.017523	-0.007779	-0.034276	-0.070921
	-0.010454	-0.016209	-0.014592	-0.010714	-0.015871	-0.022127
	-0.109545					

x86	-0.021097	0.006332	-0.001743	0.041287	0.022667	-0.016763
	-0.062530	0.002547	0.025821	-0.020048	0.001664	0.005260
	0.047795	0.002504	-0.051308	0.039252	-0.038613	-0.018127
	-0.011862	-0.080307	0.040471	-0.012259	-0.012741	-0.035303
	0.036619	-0.012334	0.023202	-0.050286	-0.001697	-0.038473
	0.033937					
y86	0.004293	-0.028323	0.050048	0.058328	-0.026401	0.021917
	0.038712	-0.039152	-0.001255	0.032623	0.023733	-0.021238
	0.044851	0.022798	0.013236	0.024351	0.015033	-0.032278
	0.019788	-0.031062	0.019821	0.034494	0.003877	0.018814
	-0.030290	-0.053795	0.015471	-0.025926	-0.040389	-0.006929
	0.041743					
z86	-0.004637	0.006387	0.012475	-0.005987	-0.006203	0.019982
	-0.002676	0.010775	0.001604	0.025451	-0.007656	0.012042
	-0.011864	0.010013	0.013584	0.048558	0.006657	0.037137
	-0.006848	-0.004719	0.017685	0.002725	-0.046879	-0.057087
	0.008625	0.015735	-0.034329	0.032648	0.045585	-0.028593
	-0.051614					
x87	-0.016693	0.003397	-0.003490	0.043569	0.028009	-0.016677
	-0.058886	0.011631	0.016237	-0.010053	0.016865	-0.001929
	0.035357	-0.005917	-0.046981	0.055577	-0.061024	-0.001481
	-0.003399	-0.044391	0.031209	-0.006048	-0.022587	-0.035057
	0.054962	-0.047809	0.006272	-0.017194	0.000008	-0.033818
	0.009600					
y87	0.005298	-0.029286	0.053322	0.067315	-0.026779	0.023505
	0.044980	-0.038575	-0.007029	0.036765	0.007626	-0.003574
	0.028895	0.017485	-0.007434	0.035672	0.019673	-0.032205
	-0.012866	-0.028702	0.004201	0.034501	-0.018974	0.016427
	-0.030190	-0.006951	0.035368	-0.022178	-0.011641	-0.014060
	0.028270					
z87	-0.009410	0.005546	-0.003694	-0.007344	0.001548	0.024878
	-0.020081	0.017378	0.008608	0.008127	-0.000394	0.014378
	-0.001775	-0.002444	0.015802	0.049744	-0.008216	0.015558
	0.008430	0.006763	-0.022145	-0.000211	0.012322	-0.044660
	0.027349	-0.004954	-0.063246	0.055681	-0.003963	0.006193
	-0.066917					
x88	-0.014459	0.000770	-0.003498	0.048665	0.026051	-0.017498
	-0.049939	0.004342	0.006039	-0.011022	0.024376	-0.012626
	0.029003	-0.011759	-0.045102	0.059065	-0.060919	0.000496
	0.005202	-0.040309	0.042352	-0.011147	-0.030732	-0.028409
	0.045622	-0.036470	-0.009358	-0.010607	0.008300	-0.048406
	0.015524					

y88	0.005297	-0.031327	0.051735	0.069621	-0.020817	0.028632
	0.033568	-0.024492	-0.009632	0.044267	0.001516	0.018901
	0.023234	0.017723	-0.024423	0.042883	-0.008397	-0.029808
	-0.034204	-0.004300	-0.030591	0.039141	-0.019693	0.003354
	-0.011751	-0.005380	0.042384	0.009870	-0.010868	-0.003374
	0.010217					
z88	-0.009628	0.013826	-0.010598	-0.012123	0.016034	0.022914
	-0.036357	0.017330	0.011920	-0.005977	0.005543	0.000036
	-0.000804	0.003171	0.016686	0.039425	-0.023605	0.001380
	-0.000857	-0.011835	-0.030608	-0.000790	0.018245	-0.049128
	0.029698	0.019621	-0.060749	0.052269	0.009940	-0.003593
	-0.063472					
x89	-0.013862	0.000607	-0.003265	0.053822	0.026702	-0.014623
	-0.041024	0.003788	-0.003602	-0.004559	0.027974	-0.014713
	0.016264	-0.013729	-0.068800	0.050321	-0.059316	0.001221
	-0.006218	-0.024218	0.022355	-0.014029	-0.015771	-0.026586
	0.046135	-0.038636	-0.019511	0.005893	-0.001424	-0.057997
	0.003339					
y89	0.009625	-0.036033	0.052238	0.069228	-0.018239	0.028211
	0.021010	-0.020241	-0.010923	0.043594	0.005136	0.031274
	0.027150	0.007135	-0.008085	0.063931	-0.032144	-0.033378
	-0.027584	-0.004154	-0.036008	0.030274	-0.033808	-0.017987
	-0.014215	-0.003368	0.045666	0.016617	-0.007685	0.003742
	0.019052					
z89	-0.007487	0.024208	-0.016761	-0.017355	0.026187	0.020087
	-0.050507	0.016019	0.012799	-0.011198	-0.009764	-0.008480
	-0.012192	0.021822	0.025683	0.023581	-0.023583	-0.013342
	0.018170	-0.053819	-0.001780	-0.012701	0.007287	-0.040233
	0.012498	0.036304	-0.063425	0.026870	0.039636	-0.031948
	-0.034023					
x90	-0.008181	-0.002123	0.000272	0.055315	0.027340	-0.003753
	-0.026768	0.014745	-0.025424	-0.003257	0.033530	-0.000105
	-0.014561	-0.014919	-0.078662	0.051491	-0.072886	0.010945
	0.019590	-0.003046	0.000519	-0.009054	0.001808	-0.019260
	0.047429	-0.064294	-0.031322	0.054104	-0.022056	-0.026031
	-0.036501					
y90	0.009240	-0.038034	0.050234	0.068614	-0.014760	0.018967
	0.005421	-0.030075	0.000589	0.037832	-0.001783	0.020461
	0.035003	-0.009046	-0.006739	0.061135	-0.004212	-0.054823
	-0.051878	-0.025670	-0.040509	0.012625	-0.025171	-0.022013
	-0.031194	0.022062	0.056754	-0.018980	0.003670	-0.040664
	0.055049					

z90	-0.005538	0.032126	-0.024155	-0.024232	0.027415	0.017770
	-0.045729	0.021354	0.008434	-0.015064	-0.014166	-0.006040
	-0.027856	0.025169	0.009168	0.016609	-0.028598	0.005301
	0.037071	-0.050930	0.018104	-0.005514	0.013352	-0.031362
	0.005072	0.000397	-0.059880	0.012487	0.033781	-0.033856
	0.004924					
x91	-0.005919	-0.001777	0.004246	0.053695	0.028913	0.002481
	-0.020162	0.018357	-0.038642	-0.006391	0.035756	0.004956
	-0.033008	-0.012882	-0.079008	0.048808	-0.092511	0.009327
	0.027041	-0.010916	-0.013311	-0.001945	0.008952	-0.033422
	0.028415	-0.052624	-0.024043	0.081515	-0.024012	-0.014478
	-0.077407					
y91	0.011860	-0.040497	0.045300	0.061879	-0.004053	0.030031
	0.002119	-0.019374	0.007409	0.037349	0.004638	0.030745
	0.024671	-0.015380	-0.023234	0.063579	0.015870	-0.048738
	-0.050985	-0.010302	-0.034312	0.011048	-0.003277	-0.001147
	-0.004717	0.010462	0.070053	-0.025253	0.009036	-0.036849
	0.047231					
z91	-0.001526	0.032134	-0.024218	-0.029258	0.017924	0.006052
	-0.035204	0.026154	0.002227	-0.022701	0.005298	-0.004230
	-0.032305	0.007200	0.000401	0.007344	-0.028432	0.022263
	0.033405	-0.011704	0.012863	-0.008705	0.034697	-0.022701
	-0.023111	-0.054496	-0.035520	0.011935	-0.001373	-0.012470
	-0.028117					
x92	-0.009754	0.000221	0.003602	0.050050	0.028251	0.006520
	-0.015439	0.019587	-0.038165	-0.011820	0.043899	-0.000953
	-0.031039	-0.007558	-0.081803	0.020287	-0.072504	-0.004453
	0.002684	-0.012809	-0.031840	0.018680	0.008371	-0.041195
	0.035313	-0.031952	-0.012197	0.090297	-0.015706	-0.041090
	-0.053896					
y92	0.017447	-0.042365	0.048748	0.053924	0.009992	0.037167
	-0.006204	-0.002205	0.006931	0.041193	0.003937	0.047092
	0.004200	-0.015257	-0.028981	0.061826	-0.003082	-0.042599
	-0.027853	-0.018295	-0.026244	0.008496	0.022362	0.000020
	0.001694	-0.017198	0.090230	-0.041298	0.012165	-0.002208
	-0.013653					
z92	0.001282	0.034373	-0.029365	-0.020259	0.015659	0.000025
	-0.032087	0.018161	0.013937	-0.020230	0.023822	-0.010557
	-0.014753	0.013412	-0.019196	-0.026016	-0.002962	0.014370
	0.019299	0.014157	0.013869	-0.001148	0.039487	-0.022938
	-0.020005	-0.057493	-0.011806	-0.014568	-0.015575	0.001617
	-0.032920					

x93	-0.021658	-0.000759	0.004577	0.035639	0.011975	0.012357
	-0.013602	0.027881	-0.040879	-0.022401	0.034305	0.004417
	-0.037480	0.016639	-0.025673	-0.012787	-0.033827	-0.016103
	-0.015297	-0.030488	-0.044960	0.037505	0.010202	-0.038776
	0.048176	-0.010198	-0.033198	0.120288	0.002112	-0.099933
	-0.012652					
y93	0.005714	-0.042108	0.049907	0.038632	0.002364	0.038289
	-0.017343	0.007322	0.005668	0.037047	-0.002987	0.051259
	-0.009129	-0.011260	-0.000520	0.048609	0.003251	-0.029801
	-0.023381	-0.038730	-0.027240	0.000490	0.020785	0.009792
	0.001153	0.016659	0.055206	-0.012051	0.001252	0.009988
	-0.049212					
z93	-0.000318	0.034134	-0.039431	-0.015402	0.003102	-0.004403
	-0.026013	0.005930	0.005384	-0.020397	0.013887	0.000769
	-0.015570	0.010865	-0.015822	-0.037932	-0.011560	0.022219
	0.029524	0.018249	0.036860	-0.028425	0.011763	-0.010325
	-0.023056	-0.052295	-0.002625	0.000582	-0.022570	0.004476
	-0.012628					
x94	-0.019815	-0.003265	0.002741	0.039678	0.011194	0.010058
	-0.013130	0.027474	-0.040784	-0.015927	0.019986	0.015343
	-0.041368	0.025076	-0.003070	-0.018790	-0.033803	-0.021915
	-0.006535	-0.017967	-0.045755	0.038892	-0.002822	-0.039908
	0.049845	-0.016900	-0.041742	0.100858	0.003382	-0.107954
	0.008610					
y94	-0.003851	-0.045124	0.044524	0.029416	0.000770	0.035408
	-0.020318	-0.001645	0.007451	0.032626	-0.001667	0.042828
	-0.008306	-0.009028	-0.006774	0.037989	0.010150	-0.027744
	-0.031040	-0.039255	-0.028412	-0.003810	0.013094	0.017810
	0.000991	0.049098	0.037545	-0.001834	-0.006549	0.003714
	-0.046579					
z94	-0.004826	0.040823	-0.042335	-0.019736	-0.000562	-0.006484
	-0.012327	0.011024	-0.006885	-0.029520	0.004815	-0.008066
	-0.014409	0.013692	0.000142	-0.044577	0.002742	0.032007
	0.037232	0.013419	0.029007	-0.030143	-0.005049	-0.015318
	-0.026014	-0.052962	-0.019379	-0.004609	0.009829	-0.010191
	-0.007723					
x95	-0.014573	-0.006231	-0.000729	0.050152	0.021239	0.007378
	-0.008023	0.013958	-0.037569	-0.007178	0.011095	0.012953
	-0.038490	0.024870	-0.019100	-0.032237	-0.041497	-0.031781
	-0.009192	-0.006390	-0.048674	0.024838	-0.010620	-0.048214
	0.042686	-0.005434	-0.029031	0.072865	-0.007355	-0.098192
	0.018543					

y95	-0.012173	-0.047589	0.044585	0.016525	0.002272	0.035503
	-0.024119	0.006353	0.009298	0.031951	0.005476	0.042368
	-0.024114	0.004961	0.021850	0.024174	0.024917	-0.026591
	-0.028317	-0.044549	-0.038648	0.011386	0.019107	0.014207
	0.017466	0.019797	0.030253	-0.001397	0.006706	-0.007728
	-0.020208					
z95	-0.009113	0.056132	-0.040111	-0.021410	-0.001323	-0.007558
	-0.001306	0.022935	-0.011658	-0.041371	-0.000637	-0.030872
	-0.008795	0.037995	0.025530	-0.059781	0.019139	0.031090
	0.028613	0.009465	0.006525	-0.007875	-0.005551	-0.039227
	-0.006688	-0.053745	-0.037854	-0.007772	0.027182	-0.028246
	-0.007402					
x96	-0.001955	-0.016008	-0.003431	0.061220	0.027928	0.003443
	0.000015	-0.006189	-0.033302	-0.003239	0.022191	0.012773
	-0.032429	0.005482	-0.041746	-0.039787	-0.052405	-0.048565
	0.004492	0.014265	-0.028557	0.006922	-0.013502	-0.039080
	0.018986	0.004019	-0.003914	0.036812	-0.014891	-0.074992
	0.006190					
y96	-0.000372	-0.045728	0.035468	0.024066	0.017516	0.020262
	-0.024428	0.002361	0.002915	0.029699	0.003336	0.053680
	-0.024088	-0.000215	0.003392	0.018549	0.005706	-0.025428
	0.011174	-0.032008	-0.002287	0.013829	0.022898	-0.000188
	0.006486	-0.026230	0.058005	-0.049616	0.006874	-0.003228
	-0.009692					
z96	-0.010827	0.069133	-0.042096	-0.020165	-0.012692	-0.016067
	0.013853	0.017155	-0.015846	-0.057381	0.002244	-0.046147
	-0.003466	0.038941	0.018167	-0.057050	0.006844	0.025380
	0.024695	0.017537	0.022657	-0.007504	-0.017414	-0.037362
	-0.000787	-0.031193	-0.021434	-0.002797	0.045931	-0.022276
	0.011323					
x97	0.002481	-0.021811	-0.001963	0.060434	0.026652	-0.002528
	0.006955	-0.000101	-0.042082	-0.006085	0.022525	0.018363
	-0.032385	0.003138	-0.027983	-0.055239	-0.055439	-0.053980
	0.021712	0.020831	-0.021959	0.015647	-0.005919	-0.028345
	0.015174	-0.021822	0.004269	0.028224	-0.020333	-0.080170
	0.012327					
y97	-0.003973	-0.038861	0.024706	0.019802	0.021834	0.017244
	-0.016707	0.006084	0.006727	0.023970	-0.003135	0.050501
	-0.030700	-0.002895	-0.019204	0.006715	-0.001704	-0.014676
	0.011762	-0.015068	0.003362	0.022491	0.015093	0.011147
	0.005764	-0.021444	0.066970	-0.054402	0.012977	0.002488
	-0.016467					

z97	-0.007208	0.077410	-0.041628	-0.012880	-0.022694	-0.024198
	0.021691	0.016331	-0.029881	-0.063623	-0.011372	-0.039267
	0.005150	0.038703	0.028610	-0.050378	-0.005961	0.022386
	0.028697	0.015436	0.031397	-0.017364	-0.024704	-0.036565
	0.010551	-0.045413	-0.008972	0.001618	0.028472	-0.018704
	0.041636					
x98	0.005156	-0.028184	-0.003480	0.059820	0.028249	-0.008260
	0.018881	0.004877	-0.046918	-0.005535	0.021978	0.024145
	-0.033962	-0.000899	-0.025745	-0.077980	-0.054593	-0.051391
	0.029679	0.027652	-0.026726	0.009027	0.007235	-0.015986
	0.019655	-0.041216	0.017412	0.009502	-0.026142	-0.070103
	0.010158					
y98	-0.001881	-0.034626	0.024880	0.013950	0.026307	0.022184
	-0.007999	0.017985	0.012910	0.012525	0.006940	0.032831
	-0.033738	-0.007209	-0.009535	0.008537	0.015511	-0.005779
	0.013078	0.006549	0.006091	0.049219	0.021879	0.038257
	-0.001483	-0.035382	0.050134	-0.059504	0.006371	-0.020204
	-0.026351					
z98	0.000671	0.085668	-0.036875	-0.000993	-0.026059	-0.024547
	0.029498	0.019152	-0.035868	-0.068052	-0.014312	-0.037250
	0.014073	0.038143	0.038351	-0.061380	-0.001395	0.009026
	0.018888	0.012661	0.011773	-0.022009	-0.026884	-0.031864
	0.033954	-0.045617	-0.010775	-0.024940	0.009049	0.000204
	0.042201					
x99	0.006059	-0.037221	-0.004069	0.055704	0.026107	-0.004288
	0.030038	0.001465	-0.045339	-0.002842	0.031440	0.025991
	-0.038799	-0.015031	-0.015324	-0.082761	-0.054803	-0.045807
	0.025651	0.031566	-0.026381	-0.019873	0.014331	-0.002245
	-0.006507	-0.025042	0.030297	0.012263	-0.045392	-0.052296
	-0.023950					
y99	0.004048	-0.027037	0.023258	0.011565	0.026798	0.022356
	-0.006888	0.019068	0.012149	0.005490	0.014045	0.025610
	-0.023067	-0.003745	-0.002551	0.011054	0.021347	-0.015658
	0.007945	0.010977	0.000846	0.050103	0.009912	0.026642
	0.008977	-0.046816	0.045419	-0.056537	-0.003677	-0.026047
	-0.007044					
z99	0.001563	0.090603	-0.035177	0.007422	-0.033430	-0.014452
	0.039992	0.011239	-0.028529	-0.070792	-0.004409	-0.029146
	0.003934	0.026826	0.046342	-0.057140	-0.000308	-0.006126
	0.000327	0.018567	0.013223	-0.032855	-0.028738	-0.022190
	0.006670	0.009573	-0.011148	-0.009352	-0.010343	0.026322
	0.000635					

x100	0.007523	-0.040458	-0.003614	0.049370	0.029888	-0.003893
	0.039607	0.013730	-0.045427	-0.003169	0.038107	0.021223
	-0.032092	-0.015858	0.002186	-0.087676	-0.051724	-0.038458
	0.015272	0.030234	-0.025465	-0.026250	0.025481	-0.009030
	-0.014314	-0.027484	0.035624	0.011200	-0.037114	-0.064377
	-0.016449					
y100	0.005623	-0.013152	0.015962	0.014277	0.014701	0.014873
	-0.004262	0.008631	0.002961	0.003656	-0.001780	0.038350
	-0.013112	-0.000801	0.001319	0.001604	-0.010033	-0.010556
	-0.011295	0.007351	0.015362	0.006813	-0.014481	0.014095
	0.002774	-0.035402	0.037187	-0.052444	-0.011935	0.011327
	-0.007718					
z100	-0.003119	0.099414	-0.035335	0.014201	-0.034981	-0.012596
	0.050406	0.014297	-0.026555	-0.069096	-0.002909	-0.025353
	0.006517	0.022918	0.056015	-0.054422	-0.004841	-0.007880
	-0.016735	0.018194	-0.000255	-0.038652	-0.027501	-0.030509
	0.002395	0.019058	-0.013105	0.027494	0.002052	0.016881
	0.017669					
x101	0.009869	-0.042742	-0.004310	0.046299	0.035377	-0.004344
	0.048363	0.022114	-0.046767	-0.002634	0.034798	0.024586
	-0.019142	-0.011864	0.015600	-0.097996	-0.058290	-0.023067
	-0.004919	0.014106	-0.013099	-0.039926	0.036753	-0.016810
	-0.016193	-0.031262	0.046188	-0.020185	-0.024415	-0.050614
	-0.021714					
y101	0.007485	0.002135	0.013615	0.020700	0.010283	0.004777
	0.005835	-0.002362	-0.000925	-0.009896	-0.010776	0.030166
	-0.005405	0.003244	0.006260	-0.032063	-0.002631	-0.014651
	-0.006643	-0.012907	0.038323	-0.000388	-0.006795	0.037723
	-0.009980	0.008848	0.013668	-0.055799	-0.010252	0.009483
	0.048233					
z101	-0.002034	0.103567	-0.033307	0.030365	-0.024597	-0.017898
	0.056178	0.007887	-0.028271	-0.067514	-0.014677	-0.015653
	0.012951	0.029985	0.049080	-0.037582	-0.012775	-0.025191
	-0.007163	0.011807	-0.005955	-0.027956	-0.037644	-0.025934
	0.023506	-0.001530	-0.015395	-0.016321	0.025900	0.040231
	0.034843					
x102	0.005447	-0.047164	-0.002887	0.030397	0.030282	-0.002937
	0.062438	0.026075	-0.045949	-0.003258	0.036711	0.025102
	0.004842	-0.023018	0.006006	-0.096221	-0.060437	0.002344
	-0.010934	0.016372	0.003869	-0.053193	0.043517	-0.001030
	-0.032318	-0.039078	0.037099	-0.018753	-0.007002	-0.036213
	-0.010689					

y102	0.011533	0.020468	0.009096	0.020882	0.011492	-0.005122
	0.012477	0.001859	0.006248	-0.018655	-0.008295	0.017491
	-0.011681	0.000058	0.007182	-0.034228	0.007780	-0.027427
	0.002096	-0.023337	0.028926	0.001511	-0.001856	0.051032
	0.007311	0.013436	-0.006755	-0.019298	0.019830	-0.020067
	0.083161					
z102	-0.007360	0.102042	-0.024805	0.040462	-0.015863	-0.023213
	0.064416	0.001621	-0.012746	-0.081019	-0.029061	0.007695
	0.003037	0.039193	0.040987	-0.034046	0.002109	-0.036733
	0.029044	0.010009	0.000256	0.000116	-0.021723	-0.003203
	0.039771	0.006787	0.004900	-0.022280	0.007442	0.045370
	0.043453					
x103	0.000906	-0.047816	-0.007841	0.021751	0.025006	-0.003076
	0.063505	0.013792	-0.037724	-0.002306	0.026754	0.029516
	0.006692	-0.045299	0.000854	-0.085014	-0.060979	-0.008065
	0.009724	0.008729	0.017527	-0.059241	0.002548	0.007758
	-0.057823	-0.020619	0.013714	-0.010838	0.028559	-0.037410
	0.020951					
y103	0.007096	0.040976	-0.005448	0.020891	0.007908	-0.017999
	0.009166	0.005042	0.010358	-0.022703	-0.006227	0.010141
	-0.020719	0.003722	0.001081	-0.011967	0.011882	-0.023123
	0.010774	-0.017941	0.005411	-0.011446	-0.017663	0.024032
	0.035710	0.007558	-0.006794	0.001673	0.029506	0.000925
	0.040666					
z103	-0.012798	0.084279	-0.019325	0.048338	0.000464	-0.021966
	0.066109	-0.021592	0.007406	-0.089108	-0.035886	0.031577
	0.003954	0.036921	0.038415	-0.023491	-0.005001	-0.043829
	0.021597	-0.002591	-0.001176	0.016212	-0.018956	0.015160
	0.048342	0.022901	0.005646	-0.012077	0.009169	0.005511
	0.039045					
x104	-0.000121	-0.042799	-0.011084	0.014315	0.021025	-0.004713
	0.063964	0.013891	-0.033041	-0.007170	0.016860	0.032638
	0.009894	-0.053755	0.024478	-0.078841	-0.051467	-0.002938
	0.024544	-0.008090	0.040349	-0.052483	-0.017481	0.001063
	-0.070465	-0.004454	-0.000926	-0.007340	0.042547	-0.038431
	0.036796					
y104	0.000223	0.051621	-0.007040	0.022738	0.011335	-0.026503
	0.014561	0.004203	0.020550	-0.031093	-0.014039	0.020506
	-0.028559	0.010751	-0.003289	0.012999	-0.000766	-0.013489
	0.025804	-0.011260	-0.006381	-0.000094	-0.027430	0.025028
	0.044183	0.008345	0.001727	0.020821	0.021753	0.029427
	0.003080					

z104	-0.008720	0.072698	-0.016855	0.049683	0.010017	-0.020268
	0.051860	-0.011709	0.004354	-0.078409	-0.029469	0.023735
	0.012155	0.021506	0.045192	-0.003430	-0.004385	-0.025568
	0.027755	-0.017316	0.008020	0.020775	-0.019032	0.006362
	0.039868	0.022368	-0.002144	-0.008112	0.029849	0.001447
	0.030505					
x105	0.000051	-0.039301	-0.016015	0.008885	0.018697	-0.004193
	0.061574	0.010946	-0.026341	-0.006676	0.010772	0.025748
	0.009287	-0.062385	0.026322	-0.078043	-0.041741	0.005518
	0.029252	-0.015881	0.048779	-0.039784	-0.026653	-0.001235
	-0.074830	-0.002278	-0.005185	-0.010818	0.036999	-0.019671
	0.044875					
y105	0.003257	0.056123	-0.004784	0.031608	0.019282	-0.029477
	0.015848	-0.003125	0.020897	-0.045900	-0.030092	0.012709
	-0.030475	0.004063	0.006090	0.019367	0.004421	-0.015398
	0.049889	-0.039506	0.007836	0.001323	-0.015357	0.035788
	0.050947	0.009641	-0.003075	0.021369	0.036917	0.023596
	0.024752					
z105	-0.002615	0.060430	-0.007660	0.050648	0.024104	-0.010544
	0.039446	-0.004515	0.017596	-0.063604	-0.027892	0.016190
	0.012280	-0.002312	0.029004	-0.011432	-0.017315	-0.024700
	0.011290	-0.025380	-0.008022	0.032158	-0.016310	0.033150
	0.036060	0.021547	0.011508	-0.021878	0.008053	0.010767
	0.033217					
x106	-0.004233	-0.035391	-0.016288	0.003998	0.014873	-0.004515
	0.058228	0.009802	-0.019250	-0.006493	0.008665	0.011069
	0.014790	-0.066033	0.015990	-0.086743	-0.023542	0.004120
	0.013592	-0.025593	0.033364	-0.025281	-0.028525	0.001009
	-0.065892	0.001432	-0.006517	0.000322	0.029893	-0.014242
	0.044754					
y106	0.002510	0.059735	0.005316	0.045449	0.029384	-0.033389
	0.011889	-0.001870	0.030090	-0.050000	-0.026467	0.009560
	-0.022575	0.001209	-0.008762	-0.006483	0.004847	-0.024305
	0.037339	-0.052296	-0.016487	-0.000228	-0.012397	0.050621
	0.048077	0.017370	-0.004159	0.016941	0.035102	0.003128
	0.026100					
z106	-0.003284	0.050575	-0.004065	0.052212	0.030177	-0.004305
	0.029964	-0.002497	0.023995	-0.059782	-0.034416	0.006464
	0.013532	-0.020983	0.015354	-0.015125	-0.016729	-0.016165
	0.003249	-0.039775	-0.010208	0.037124	-0.012358	0.045017
	0.042272	0.022068	0.028947	0.008932	-0.029170	0.013103
	0.016509					

x107	-0.003399	-0.031660	-0.018038	-0.000871	0.005682	-0.006007
	0.053314	0.009221	-0.021550	-0.007364	0.008791	-0.000261
	0.008202	-0.075863	0.010320	-0.081480	0.000629	0.015147
	0.024931	-0.021265	0.034613	-0.012479	-0.011305	0.008517
	-0.071470	-0.001120	-0.007067	0.001499	0.007295	-0.001519
	0.026998					
y107	0.003626	0.065186	0.004985	0.058769	0.032887	-0.032623
	0.003203	0.011123	0.026108	-0.052217	-0.015493	0.011373
	-0.030759	-0.016485	-0.022470	-0.029850	0.005854	-0.003924
	0.042709	-0.056077	-0.015297	-0.004809	-0.007550	0.073617
	0.025647	0.015178	0.001900	0.011663	-0.008535	-0.005348
	0.007371					
z107	-0.000173	0.038964	-0.007899	0.045508	0.030920	-0.001875
	0.023235	-0.009375	0.013501	-0.056793	-0.031511	0.002841
	0.016678	-0.027486	-0.004601	-0.011278	0.003894	-0.000413
	0.026510	-0.032558	-0.004270	0.019033	0.011924	0.041676
	0.036065	0.022679	0.019358	0.014238	-0.039148	0.023064
	0.009342					
x108	-0.004265	-0.026260	-0.024414	-0.010498	-0.001733	-0.005806
	0.041524	0.003131	-0.026035	-0.006499	0.012775	-0.009876
	0.005632	-0.080521	0.023621	-0.049428	0.011931	0.030354
	0.033138	-0.014225	0.040544	-0.001729	-0.018963	-0.007808
	-0.048817	0.010719	-0.000436	-0.001804	0.004767	0.004653
	0.011098					
y108	0.007923	0.067532	-0.007858	0.059101	0.036917	-0.033204
	-0.010700	0.006825	0.020735	-0.043777	-0.012699	0.014997
	-0.021641	-0.033194	-0.030193	-0.001906	0.005686	0.015309
	0.065010	-0.043459	-0.010433	-0.023872	-0.012046	0.039956
	0.044802	0.021573	0.020012	-0.008239	-0.007710	0.031825
	-0.021933					
z108	-0.003101	0.030180	-0.009369	0.030271	0.031611	0.002482
	0.013209	-0.017158	0.016165	-0.053977	-0.030135	0.007274
	0.027066	-0.022611	0.020870	0.000288	0.021124	-0.005070
	0.035541	-0.047079	-0.009510	0.026405	0.014365	0.024037
	0.034735	0.048749	-0.000078	0.001711	0.006809	-0.010497
	0.017078					
x109	-0.009992	-0.021432	-0.025956	-0.021213	-0.007493	-0.003692
	0.024259	0.006694	-0.024264	-0.008069	0.023032	-0.023582
	0.004524	-0.082686	0.043685	-0.017650	0.011753	0.043789
	0.019622	-0.010131	0.031949	0.026288	-0.038468	-0.026875
	-0.029876	0.019556	0.001715	0.002340	0.016390	-0.005995
	0.000527					

y109	0.005418	0.066299	-0.012733	0.055737	0.049562	-0.031406
	-0.030771	0.018602	0.028615	-0.045081	-0.004201	0.012630
	-0.005432	-0.041373	-0.013984	0.017093	-0.009753	0.023683
	0.046908	-0.049921	-0.018370	-0.014738	-0.042639	-0.001668
	0.034413	0.024482	0.004890	-0.022310	0.023850	0.032248
	-0.024150					
z109	-0.006595	0.026082	-0.009289	0.021662	0.030057	0.012199
	-0.001493	0.003322	0.014290	-0.044674	-0.017479	-0.008141
	0.027469	-0.033421	0.036883	0.003538	0.022739	0.007943
	0.018744	-0.045275	-0.004928	0.031629	0.012869	-0.002605
	0.030085	0.037819	-0.013830	-0.000899	0.026019	-0.015012
	0.025652					
x110	-0.011867	-0.017096	-0.018994	-0.029950	-0.018500	-0.004294
	0.024489	0.003012	-0.026759	-0.022897	0.027029	-0.031735
	-0.007986	-0.088347	0.042407	-0.009532	0.041647	0.033765
	0.024265	-0.005708	0.004497	0.040063	0.004958	0.013183
	-0.017078	0.010527	0.003724	0.017686	-0.018755	-0.000791
	-0.043256					
y110	0.007191	0.067326	-0.010062	0.050154	0.052071	-0.023989
	-0.028720	0.030731	0.032482	-0.060580	0.003378	0.012338
	-0.002327	-0.050017	-0.021226	0.004165	0.010673	0.011920
	0.036664	-0.050733	-0.050192	-0.023071	-0.013259	0.023881
	0.020395	0.003987	-0.017333	-0.002221	-0.000031	0.056316
	-0.059217					
z110	-0.004266	0.015518	-0.003096	0.006773	0.018219	0.019582
	0.000833	0.010436	0.004713	-0.030537	-0.009622	-0.006903
	0.017629	-0.025568	0.023181	0.005689	0.034606	0.011442
	0.009425	-0.015741	-0.021376	0.026205	0.043937	0.013418
	0.045742	0.014102	-0.013388	0.014472	0.007195	0.003100
	0.011294					
x111	-0.012331	-0.005338	-0.017953	-0.044672	-0.023239	-0.016983
	0.014538	-0.014627	-0.027848	-0.043954	0.024608	-0.044795
	0.005115	-0.076664	0.062749	0.038219	0.053451	0.007813
	0.049463	-0.007456	-0.001067	0.053462	0.021749	0.008838
	0.009358	0.033750	-0.001278	0.013417	-0.029407	-0.010798
	-0.044951					
y111	0.008395	0.066236	-0.009632	0.030861	0.052488	-0.020828
	-0.034113	0.061796	0.025193	-0.062827	-0.000326	0.026413
	-0.006919	-0.052812	-0.010904	0.000771	0.009395	0.021312
	0.037252	-0.068302	-0.060423	-0.010562	-0.024316	0.020307
	0.018620	-0.028622	-0.045399	0.022964	-0.009754	0.055099
	-0.051625					

z111	-0.004082	0.003669	-0.000665	-0.005855	0.007071	0.022358
	0.000445	0.007911	-0.004017	-0.013489	0.001463	0.002231
	0.003253	-0.019078	0.011352	0.011240	0.018603	0.010915
	-0.010844	-0.000995	-0.009456	0.024359	0.019343	0.006052
	0.040752	-0.002040	0.028365	0.006363	0.016458	-0.011090
	-0.008053					
x112	-0.026909	0.021064	-0.023629	-0.043141	-0.022099	-0.031715
	-0.006595	-0.030941	-0.013604	-0.050621	0.034870	-0.069509
	-0.012714	-0.061002	0.058823	0.028856	0.048112	-0.007834
	0.034105	-0.010216	-0.007247	0.020410	0.025989	0.027348
	0.034111	0.021725	-0.000586	0.003339	0.006916	-0.021541
	-0.016916					
y112	0.010078	0.056498	-0.009713	0.020392	0.042176	-0.013532
	-0.023126	0.073966	0.029125	-0.053230	-0.015523	0.029094
	-0.006322	-0.019184	0.012795	-0.003261	0.000530	0.035930
	0.021386	-0.072023	-0.068108	0.004567	-0.047892	0.027802
	0.001936	-0.039493	-0.056887	0.003522	-0.031419	0.015498
	0.024306					
z112	-0.007936	0.001801	-0.000827	-0.008346	-0.002586	0.015384
	-0.001461	-0.018885	0.000538	-0.007781	0.006408	0.002613
	0.000360	-0.005654	0.001316	0.020485	0.022805	-0.010508
	-0.003636	-0.002744	0.003171	-0.018960	0.015548	-0.002714
	0.040829	0.017295	0.036469	0.002625	0.036361	0.007781
	-0.005266					
x113	-0.040179	0.034130	-0.024911	-0.038736	-0.022838	-0.036313
	-0.028476	-0.042235	0.000490	-0.039697	0.048078	-0.078260
	-0.035381	-0.063330	0.045093	0.015638	0.011071	0.007016
	-0.001919	-0.006175	-0.035112	-0.001681	0.015712	0.036803
	0.036361	0.017462	0.013946	0.008839	0.030208	0.007583
	-0.036627					
y113	0.010110	0.048911	-0.008102	0.015301	0.037103	-0.014378
	-0.018141	0.071376	0.036498	-0.030054	-0.033710	0.021112
	-0.014414	-0.012564	0.003375	-0.015547	-0.012471	0.059248
	-0.011930	-0.083437	-0.089077	0.006033	-0.052141	0.029118
	-0.027385	-0.023666	-0.034275	-0.006181	-0.029269	0.014877
	0.028165					
z113	-0.009524	-0.002854	0.004524	-0.009123	-0.005117	0.012644
	-0.007909	-0.024840	-0.009486	-0.010623	0.014204	0.002215
	0.005202	-0.001053	0.002545	0.023336	0.030454	-0.026692
	0.011517	0.009393	0.033708	-0.024834	0.042822	-0.019639
	0.050385	0.013857	0.029994	0.008946	0.063977	0.006546
	0.002554					

x114	-0.047081	0.052084	-0.024355	-0.038759	-0.018490	-0.046240
	-0.038927	-0.031535	0.010525	-0.055006	0.075834	-0.099751
	-0.039786	-0.061292	0.047611	0.012508	-0.017812	0.018020
	-0.016978	0.017856	-0.068076	0.032550	0.026047	0.045426
	0.046939	-0.022463	0.016847	-0.018509	0.079654	0.009781
	-0.027453					
y114	0.014963	0.051282	-0.012532	0.002864	0.037428	-0.012300
	-0.016684	0.088265	0.032165	-0.044320	-0.030705	0.000404
	-0.005053	-0.004961	0.016876	0.020532	-0.028526	0.072955
	-0.021079	-0.068103	-0.108760	0.040135	-0.044437	0.003271
	-0.046149	-0.048939	-0.023711	-0.035522	-0.001179	-0.006946
	0.048589					
z114	-0.013367	-0.006080	0.012201	-0.006384	-0.000343	0.012887
	-0.017174	-0.034294	-0.016005	-0.004968	0.021558	-0.002358
	0.005172	0.003463	-0.015414	0.015161	0.034823	-0.042435
	0.015748	0.026983	0.063161	-0.037381	0.058390	-0.040405
	0.073408	0.007087	0.027706	0.021115	0.073107	0.016933
	0.004083					
x115	-0.056534	0.063892	-0.020914	-0.035712	-0.020818	-0.052566
	-0.051485	-0.033136	0.018503	-0.076000	0.109100	-0.101596
	-0.038386	-0.051924	0.062882	0.021831	-0.058739	0.032342
	-0.025209	0.046828	-0.090763	0.052691	0.029615	0.040499
	0.047325	-0.058509	0.007323	-0.045264	0.097473	0.008617
	-0.016706					
y115	0.013412	0.046656	-0.023271	-0.002228	0.018852	-0.009782
	-0.016724	0.068278	0.015343	-0.050985	-0.028349	0.017074
	-0.010878	-0.012407	0.047916	0.062384	-0.049457	0.087462
	-0.020086	-0.045010	-0.099233	0.033983	-0.038566	-0.028139
	-0.113294	-0.015106	-0.027408	-0.039897	-0.042395	-0.013509
	0.025243					
z115	-0.019375	-0.015308	0.019712	0.000978	-0.004870	0.022530
	-0.023196	-0.066095	-0.008576	0.020472	0.018112	0.014133
	-0.010651	0.007880	-0.032058	-0.000267	0.030357	-0.040052
	0.021866	0.026922	0.079155	-0.078356	0.056489	-0.014713
	0.052157	0.046458	0.009550	0.037450	0.047195	0.078705
	-0.020532					
x116	-0.072286	0.059318	-0.016342	-0.029594	-0.027770	-0.042676
	-0.060960	-0.065471	0.037710	-0.078055	0.116609	-0.072488
	-0.037325	-0.034330	0.054245	0.027607	-0.093097	0.047299
	-0.067943	0.050831	-0.107453	-0.006166	0.008124	0.025085
	0.037773	-0.024856	0.022604	-0.039326	0.066092	0.042047
	0.000819					

y116	0.008476	0.039505	-0.033184	-0.004127	0.006659	-0.017934
	-0.008140	0.038363	0.002190	-0.053923	-0.025825	0.023474
	-0.030797	-0.005882	0.048504	0.057665	-0.058872	0.090152
	-0.039223	-0.002070	-0.072583	0.051989	-0.008948	-0.031672
	-0.143859	0.022510	-0.002557	-0.053358	-0.052789	-0.013246
	-0.007449					
z116	-0.019806	-0.014854	0.027944	0.003191	-0.004696	0.017872
	-0.026589	-0.067202	0.008988	0.038623	0.037421	-0.007885
	-0.014000	0.021506	-0.041765	-0.030757	0.036337	-0.052065
	0.052737	0.041640	0.090457	-0.020411	0.061460	0.042056
	0.064642	0.011733	-0.007242	-0.004486	0.068908	0.105206
	-0.030190					
x117	-0.083711	0.065366	-0.004510	-0.028546	-0.022258	-0.046552
	-0.052928	-0.052968	0.033698	-0.117278	0.123730	-0.052583
	-0.024957	-0.015342	0.047956	0.025798	-0.082448	0.059045
	-0.054933	0.054874	-0.092225	0.053268	0.023274	-0.010660
	0.048775	-0.031637	0.008670	-0.065989	0.085424	0.000169
	0.045149					
y117	0.005120	0.027457	-0.022291	-0.005013	0.001914	-0.018312
	-0.001952	0.021905	-0.001340	-0.042743	-0.019684	0.016172
	-0.041649	0.004330	0.037317	0.026400	-0.035747	0.050170
	-0.018227	0.010798	-0.035264	0.110203	0.003788	-0.026045
	-0.085575	-0.008770	0.007675	-0.054365	-0.056454	-0.009758
	-0.061455					
z117	-0.018506	-0.031101	0.044948	0.002727	-0.008839	0.021616
	-0.041076	-0.068356	0.051965	0.082216	0.056479	-0.042773
	-0.008182	0.052547	-0.035644	-0.083245	0.046834	-0.079907
	0.048124	0.040293	0.076620	-0.054965	0.042970	0.111526
	0.106634	-0.033756	0.008509	-0.004988	0.052870	0.145030
	-0.049960					
x118	-0.085008	0.048934	0.011410	-0.019429	-0.037045	-0.035760
	-0.047965	-0.071849	0.036388	-0.132945	0.121889	0.010680
	-0.037928	0.012803	0.088389	0.047251	-0.074445	0.079932
	0.021700	0.025879	-0.047639	0.046183	0.023148	-0.016412
	0.006760	-0.019270	-0.031200	-0.045916	0.013803	0.021715
	0.000647					
y118	0.006269	0.004729	0.013010	-0.004673	-0.008184	0.002708
	0.005194	0.012899	0.010619	0.021925	-0.005181	0.016575
	-0.008378	-0.001961	0.009629	-0.020954	0.001301	-0.004905
	0.026542	-0.017019	-0.019537	0.086865	0.013184	-0.000568
	-0.004742	-0.012172	-0.013836	-0.062774	-0.087966	0.000098
	-0.099999					

z118	-0.023156	-0.031007	0.056053	-0.008753	-0.012744	0.027653
	-0.047109	-0.048332	0.078533	0.097938	0.060336	-0.080296
	0.030012	0.063006	-0.029056	-0.125758	0.058147	-0.079874
	-0.007572	0.048353	0.030147	-0.097728	0.016028	0.139836
	0.118547	-0.025015	0.025806	0.004035	0.036887	0.113848
	-0.023564					
x119	-0.076157	0.033807	0.026827	-0.015485	-0.027278	-0.026264
	-0.056754	-0.083790	0.057008	-0.117523	0.133525	0.029799
	-0.025111	0.052302	0.069038	0.022603	-0.033348	0.058596
	0.035477	0.013727	-0.037148	0.040085	-0.009684	0.028086
	-0.021007	-0.027486	-0.012384	-0.065688	-0.026248	0.056041
	-0.025439					
y119	0.009292	-0.005511	0.028120	-0.006572	-0.010482	0.024508
	0.014769	0.010899	0.010862	0.089199	-0.013537	-0.037920
	0.036097	-0.001933	-0.006983	-0.052268	0.009111	-0.055175
	0.021696	-0.011490	0.002706	0.039848	0.028702	0.036750
	0.012151	-0.037763	-0.010358	-0.074062	-0.087604	-0.018119
	-0.090914					
z119	-0.032736	-0.025826	0.052784	-0.013510	-0.046722	0.045302
	-0.030869	-0.042446	0.071424	0.087470	0.045712	-0.082712
	0.054327	0.043393	0.043547	-0.078288	0.008515	-0.044231
	0.020266	0.023644	0.047266	-0.087782	0.012042	0.070609
	0.084571	-0.029805	-0.044186	0.012416	-0.040255	0.025350
	0.001005					
x120	-0.066383	0.012227	0.036085	-0.016548	-0.021178	-0.002365
	-0.063657	-0.086301	0.079416	-0.117241	0.125700	0.053470
	-0.019689	0.068298	0.058219	0.015358	-0.015890	0.056238
	0.085096	-0.020770	-0.016872	0.000333	-0.047052	0.043391
	-0.059370	-0.002699	-0.020593	-0.072869	-0.097848	0.077270
	-0.042742					
y120	0.018167	-0.019507	0.031429	-0.010544	-0.023321	0.023544
	0.007928	0.016389	0.004161	0.118322	-0.029897	-0.077563
	0.036746	0.021831	-0.011124	-0.026419	-0.040933	-0.037594
	0.034423	0.031321	0.013734	-0.033178	-0.036502	0.075213
	-0.042498	0.045207	-0.080261	-0.051208	-0.055827	-0.078364
	0.025826					
z120	-0.041782	-0.005301	0.045657	-0.014893	-0.047098	0.059882
	-0.019733	-0.044530	0.061477	0.064508	0.056219	-0.071579
	0.090703	0.015918	0.073333	-0.057281	0.013207	0.003762
	-0.014176	-0.017776	0.035037	-0.068325	-0.025184	-0.005322
	0.077007	-0.042369	-0.009863	0.015750	-0.068886	-0.012999
	-0.062238					

x121	-0.057980	0.005984	0.042028	-0.027280	-0.010212	0.001239
	-0.059793	-0.061258	0.101147	-0.091352	0.102760	0.052255
	-0.045919	0.068705	0.007292	0.007037	-0.031122	0.021068
	0.096112	0.011837	0.023617	-0.009969	-0.032090	0.053950
	-0.099785	0.071350	-0.070845	-0.065128	-0.037535	-0.002907
	0.021265					
y121	0.024043	-0.017127	0.038597	-0.009854	-0.034697	0.011465
	0.010487	0.022738	-0.006064	0.127065	-0.024125	-0.114481
	0.051408	0.005763	-0.017573	-0.022358	-0.054479	-0.026590
	-0.004635	0.022077	0.003191	-0.016655	-0.107925	0.049807
	-0.004941	0.049376	-0.076806	-0.044764	-0.040507	-0.109744
	0.078533					
z121	-0.055260	0.013933	0.056759	-0.017419	-0.028730	0.052455
	-0.005297	-0.019835	0.053469	0.054399	0.078841	-0.094070
	0.109568	0.057497	0.060956	-0.053226	-0.015615	0.061339
	-0.005399	0.003439	0.013085	0.012236	0.007662	-0.019676
	0.053200	0.003529	-0.028128	0.026984	-0.038678	-0.010445
	-0.061198					
x122	-0.071784	0.014295	0.062297	-0.026301	-0.011721	-0.002311
	-0.063948	-0.038586	0.130577	-0.063454	0.104522	0.052174
	-0.038068	0.112066	0.021355	-0.006197	-0.011671	0.027852
	0.075498	0.018355	0.016885	0.011528	-0.007969	0.014774
	-0.093044	0.113219	-0.066818	-0.026155	-0.059899	-0.013097
	-0.026133					
y122	0.007915	-0.001089	0.047337	-0.007378	-0.028800	0.007182
	0.020130	0.033339	-0.018972	0.102048	0.002489	-0.141598
	0.073105	-0.005687	0.034671	-0.029630	-0.062075	0.026879
	-0.018592	0.012600	-0.009137	0.048162	-0.122506	-0.016062
	0.064935	0.010751	-0.046798	0.033602	-0.058343	-0.001929
	-0.009975					
z122	-0.055667	0.017839	0.053018	-0.017892	-0.026230	0.056864
	0.009650	0.002483	0.044638	0.059035	0.072860	-0.086917
	0.103786	0.061879	0.033441	-0.020780	-0.049943	0.075096
	0.013084	0.029769	0.003910	0.007855	0.022433	0.012981
	0.014704	0.052211	-0.050181	0.043995	0.017711	-0.037181
	0.045310					
x123	-0.082539	0.022532	0.071895	-0.011434	-0.010657	-0.005806
	-0.048273	-0.016936	0.135386	-0.045091	0.111370	0.060074
	-0.001992	0.141556	0.031364	-0.005955	-0.005629	0.054446
	0.062088	0.027849	-0.006078	0.044791	0.026322	-0.016811
	-0.076422	0.129680	-0.047259	0.023487	-0.031288	-0.016085
	-0.002273					

y123	-0.003969	0.006868	0.041417	-0.013308	-0.023800	0.024559
	0.028454	0.042865	-0.015064	0.085258	0.022114	-0.127019
	0.064880	-0.027489	0.057627	-0.013672	-0.066119	0.060024
	-0.020506	0.009161	0.016505	0.040844	-0.118004	-0.027802
	0.093381	-0.013597	-0.010558	0.078888	0.011198	0.038108
	-0.017038					
z123	-0.034503	0.018058	0.047752	-0.008018	-0.004660	0.056617
	0.006949	0.003597	0.051953	0.068734	0.055837	-0.088764
	0.094312	0.056938	-0.024471	0.010788	-0.064806	0.051301
	0.036159	0.042498	0.045124	0.010079	0.037955	0.004545
	-0.025448	0.053346	-0.005248	-0.015623	0.003237	-0.026590
	0.068765					
x124	-0.073024	0.018311	0.068390	0.019908	-0.002688	-0.014826
	-0.032373	-0.028867	0.129418	-0.024066	0.100641	0.072128
	0.030716	0.140528	-0.002754	0.010512	-0.011516	0.062319
	0.058929	0.027772	0.011439	0.047605	0.035838	-0.049663
	-0.073065	0.118814	0.008839	0.026931	-0.013395	0.005966
	0.015522					
y124	-0.010965	0.023601	0.033299	-0.017732	-0.012424	0.041444
	0.017007	0.064190	0.005436	0.068875	0.047895	-0.093684
	0.056925	-0.025920	0.048886	0.006341	-0.048308	0.063713
	-0.017764	0.004727	0.024107	0.030117	-0.066839	-0.026117
	0.089945	-0.044108	0.051174	0.068204	0.051301	0.006125
	-0.009600					
z124	-0.015174	0.014465	0.042623	-0.006574	0.009298	0.063627
	0.007232	0.004620	0.047947	0.076539	0.038942	-0.094830
	0.085725	0.046467	-0.050636	0.020047	-0.075918	0.019685
	0.037870	0.039391	0.052596	0.030572	0.020943	-0.013043
	-0.035744	0.050932	0.012087	-0.035074	-0.011572	-0.002126
	0.071446					
x125	-0.058661	0.007188	0.056615	0.034752	-0.004829	-0.009740
	-0.027188	-0.033670	0.098712	-0.019100	0.078587	0.062913
	0.052794	0.107262	-0.026454	0.016996	-0.036716	0.012303
	0.036234	0.020035	0.008300	0.006311	0.045523	-0.039953
	-0.065275	0.105230	0.014218	-0.011239	0.058288	0.044404
	0.104604					
y125	-0.010273	0.026942	0.026639	-0.018114	0.000572	0.056079
	0.005643	0.071375	0.032337	0.067989	0.062514	-0.060139
	0.051066	-0.022550	0.007882	0.022762	-0.046568	0.052634
	-0.012162	-0.000307	0.036561	-0.007189	-0.013954	-0.013949
	0.072053	-0.043984	0.103791	0.036606	0.108554	-0.015454
	0.085215					

z125	-0.004889	0.015330	0.043820	-0.019516	0.015760	0.062496
	0.023267	0.015315	0.038735	0.083525	0.027274	-0.099033
	0.058425	0.032681	-0.042037	0.012892	-0.070017	0.034139
	0.034259	0.031561	0.048375	0.097779	-0.047371	-0.034306
	-0.002366	0.049216	0.017835	0.005122	-0.011927	-0.006969
	0.049056					
x126	-0.051078	0.001065	0.047264	0.049951	-0.007760	-0.017787
	-0.032037	-0.034260	0.065745	-0.030449	0.049955	0.045525
	0.069535	0.096728	-0.009639	0.002823	-0.031224	-0.008737
	0.023657	-0.002234	-0.009650	0.017497	0.028968	-0.070407
	-0.029935	0.054139	-0.002122	-0.018055	-0.000866	0.074462
	0.021571					
y126	-0.011245	0.026789	0.026371	-0.001121	0.007387	0.047007
	-0.013916	0.049204	0.053549	0.058752	0.064167	-0.038382
	0.037531	0.015221	-0.022152	0.033729	-0.022557	0.031623
	0.005140	-0.025053	0.033707	0.034918	-0.014624	-0.077368
	0.011752	-0.053881	0.119612	0.034445	0.017611	-0.000776
	-0.032768					
z126	0.004630	0.011197	0.041270	-0.041633	0.010841	0.068885
	0.026457	0.026727	0.025776	0.072606	0.026253	-0.093395
	0.027675	-0.005398	-0.024515	0.009007	-0.083045	0.007101
	0.026354	0.030795	0.026242	0.111276	-0.092663	-0.028431
	0.010358	0.060823	-0.002716	0.001842	0.041791	0.004497
	0.090714					
x127	-0.038138	-0.006509	0.033825	0.051316	-0.005652	-0.023080
	-0.032972	-0.025504	0.047370	-0.034697	0.004924	0.008228
	0.099619	0.060808	-0.005660	-0.035524	-0.029062	-0.010127
	0.001013	-0.017806	-0.017979	0.014054	-0.036229	-0.083528
	-0.013918	-0.003391	-0.091140	-0.014509	-0.030463	0.078627
	-0.080034					
y127	-0.002589	0.010869	0.023707	0.007619	-0.009402	0.043571
	-0.012083	0.022498	0.025758	0.043171	0.062947	-0.023896
	0.001769	0.024427	-0.035584	0.028387	-0.018665	-0.033096
	-0.007797	-0.040809	0.020479	0.064503	-0.062017	-0.080484
	0.008417	0.017157	0.099059	-0.032561	0.031224	0.070451
	-0.001127					
z127	0.006331	0.004364	0.039937	-0.051666	0.017596	0.068481
	0.016956	0.043782	0.029292	0.068222	0.005619	-0.076423
	0.004749	-0.021180	0.008114	0.023749	-0.071615	-0.000530
	0.032206	0.012479	0.005829	0.081502	-0.102344	-0.005076
	0.002400	0.015280	-0.044357	-0.013379	0.033366	0.007001
	0.026696					

x128	-0.049044	0.009210	0.034332	0.043438	0.015167	-0.016868
	-0.069898	-0.007883	0.061926	-0.026147	0.045943	0.035494
	0.075350	0.089748	-0.010231	0.046569	-0.029365	-0.012268
	0.031856	-0.069231	0.002382	0.022216	0.068822	-0.101335
	0.007456	0.016226	0.044801	0.028165	-0.011481	-0.009089
	-0.007683					
y128	-0.002504	-0.006171	0.026542	0.041976	-0.048605	0.005734
	0.048821	-0.015410	-0.005173	0.052164	0.047263	-0.043596
	0.035940	0.021493	-0.025449	-0.066441	-0.000616	0.025167
	-0.001430	0.036394	-0.005831	0.052241	-0.025289	0.021474
	0.013083	-0.004094	0.024992	-0.032956	0.005336	-0.036348
	-0.026359					
z128	0.003617	0.028099	0.031980	-0.087244	0.053768	0.118321
	-0.057905	0.084976	0.103507	0.081596	-0.023650	-0.012803
	-0.044759	0.016197	-0.000359	0.103946	-0.011519	-0.041903
	0.068989	-0.068902	0.062914	-0.028801	0.010167	-0.021945
	-0.087899	-0.055442	-0.003354	0.021051	-0.039032	-0.087243
	0.039141					
x129	-0.042234	0.045357	0.020313	0.077768	0.005856	0.070209
	-0.075900	-0.030210	0.005504	-0.039656	0.023567	0.081218
	0.102067	-0.063616	0.027519	-0.072648	0.164186	0.031631
	-0.170806	0.039669	0.074398	0.014069	0.084415	-0.041308
	-0.052635	0.003949	0.039176	-0.010632	-0.013505	0.026506
	0.018361					
y129	-0.030026	0.005967	0.054434	0.015685	-0.032963	-0.067927
	0.064446	-0.023854	-0.014122	0.017853	-0.070542	-0.099320
	0.009015	0.060472	-0.041039	0.071189	-0.004926	-0.018437
	0.127126	0.071050	0.053313	0.019311	-0.011741	0.014336
	-0.017336	-0.074960	-0.149845	-0.083764	0.049561	0.028945
	-0.051126					
z129	0.043065	0.055735	0.000874	-0.095340	0.146653	0.230169
	-0.136897	0.072942	0.088750	0.031618	0.083411	0.185669
	-0.073980	0.060047	0.057563	0.024349	0.159750	0.038681
	-0.095688	0.090814	0.018326	-0.139603	-0.017504	0.033954
	-0.075700	-0.100819	0.046579	-0.079430	-0.039837	-0.014009
	0.075893					
x130	-0.049138	0.019490	0.034817	0.064236	0.015129	0.038618
	-0.046184	-0.027374	-0.022460	0.019566	-0.005216	-0.037319
	0.062737	-0.107659	-0.014365	0.023023	0.102149	0.027039
	-0.040802	-0.055781	-0.008556	-0.006408	0.084704	-0.025603
	-0.010692	-0.124415	-0.087790	-0.038905	0.043414	0.043720
	-0.013195					

y130	-0.014326	0.008874	0.049442	0.051518	-0.003248	-0.020871
	0.064833	0.007019	-0.035090	-0.000876	-0.055400	-0.039435
	0.052116	0.087022	0.042419	0.029466	0.017623	0.034078
	0.053952	0.113373	0.018318	0.074794	0.057271	-0.028867
	0.049199	-0.080800	-0.119327	-0.027925	0.010290	0.073293
	0.001155					
z130	0.007891	0.007654	-0.008271	-0.021312	0.011871	0.051626
	-0.044872	0.067357	0.055960	0.037720	-0.005493	0.031956
	-0.072451	0.022889	-0.000725	0.065950	-0.069744	0.024406
	-0.007807	0.047175	-0.051702	0.007582	0.026644	0.016764
	0.037073	-0.000852	-0.027119	0.022411	0.004648	0.092706
	-0.034577					
x131	-0.040031	0.019125	0.035254	0.065862	0.013911	0.031124
	-0.064417	-0.004946	-0.020261	0.013208	-0.023170	-0.018433
	0.069843	-0.091598	-0.026770	0.042181	0.115412	0.012582
	-0.059689	-0.035560	-0.011173	0.001063	0.054078	-0.011328
	-0.019764	-0.096744	-0.032391	0.014560	0.011300	0.036646
	0.025339					
y131	-0.009260	0.012897	0.051492	0.041663	-0.023683	-0.042437
	0.051538	0.006946	-0.034024	-0.003235	-0.053397	-0.016846
	0.032605	0.090794	0.021330	0.026406	-0.013228	0.027516
	0.013248	0.084630	0.020632	0.058488	0.004693	-0.012615
	0.001020	-0.118722	-0.025132	-0.006722	0.000420	0.050421
	0.019302					
z131	0.014158	0.010526	-0.009726	-0.042370	-0.001785	0.057449
	-0.038566	0.060290	0.048395	0.061343	0.027550	0.039053
	-0.076046	-0.027160	-0.022721	0.040398	-0.053419	-0.010729
	-0.017522	0.014005	-0.039204	0.001717	0.023023	0.015127
	0.025728	-0.001683	-0.035816	-0.036353	0.029847	0.001487
	-0.025857					
x132	-0.033933	0.020261	0.037975	0.056805	0.025343	0.023750
	-0.072279	0.026145	-0.033871	0.022205	-0.015582	-0.007055
	0.060902	-0.099101	-0.042892	0.056764	0.083845	0.013828
	-0.039022	0.013911	-0.040220	0.007267	0.033774	-0.019420
	-0.010073	-0.117440	-0.013262	0.067808	0.002056	0.063262
	-0.018215					
y132	-0.010471	0.017947	0.050287	0.047476	-0.004351	-0.038079
	0.032009	0.013724	-0.029995	-0.021823	-0.064019	-0.005822
	0.006004	0.104699	0.042505	0.026226	0.014628	0.037583
	-0.014944	0.122671	-0.010877	0.056126	0.017553	-0.028782
	-0.016390	-0.143776	-0.010318	0.021599	-0.040782	0.047548
	0.032586					

z132	0.008911	0.007783	-0.011456	-0.034006	0.002433	0.035613
	-0.047588	0.039734	0.044017	0.017682	0.043140	0.018887
	-0.063363	-0.025318	-0.016197	0.047644	-0.004619	0.001908
	-0.001842	-0.007554	-0.040251	0.006363	0.005193	0.015464
	-0.017690	0.007683	-0.007011	0.011488	0.005381	0.004439
	-0.083928					
x133	-0.028361	0.014605	0.031743	0.056243	0.027113	0.026909
	-0.068751	0.030451	-0.041662	0.022000	-0.008753	-0.016541
	0.068733	-0.098294	-0.040063	0.053164	0.088178	-0.001400
	-0.021849	0.011849	-0.035754	0.002107	0.027690	0.016198
	-0.013330	-0.083549	-0.016283	0.083790	0.033018	0.058957
	-0.026662					
y133	-0.012522	0.006079	0.058189	0.058429	-0.012043	-0.021033
	0.035375	-0.003258	-0.037103	-0.025260	-0.039434	-0.015366
	0.041859	0.073137	0.070792	0.025545	0.009009	0.023746
	-0.032024	0.088360	-0.022913	0.025358	0.028355	-0.034574
	-0.013786	-0.106947	-0.029806	0.050513	-0.045609	0.072500
	0.086069					
z133	0.002710	0.007376	-0.006104	-0.011008	0.014367	0.020021
	-0.038027	0.028492	0.008952	0.014143	0.019349	0.006787
	-0.009434	-0.015039	0.014386	0.006044	0.023711	0.023246
	0.020849	-0.025907	-0.055373	0.020858	0.029808	-0.029455
	0.031094	-0.013501	-0.039963	0.034691	-0.029980	0.037850
	0.004634					
x134	-0.023761	0.010321	0.023547	0.063901	0.019240	0.020471
	-0.059727	0.011439	-0.045067	0.018525	-0.023310	-0.030728
	0.083285	-0.079123	-0.027104	0.020612	0.107903	-0.021053
	0.014457	-0.038899	-0.005171	0.001086	0.043166	0.050233
	-0.025089	-0.016678	-0.037303	0.061024	0.028064	0.011744
	0.005177					
y134	-0.015236	-0.000177	0.061605	0.063206	-0.028893	-0.015531
	0.038331	-0.033059	-0.034332	-0.041308	-0.026584	-0.018050
	0.063145	0.050560	0.073962	0.020695	0.032087	-0.003637
	-0.029792	0.033995	0.015761	0.008614	0.037674	-0.034368
	-0.043555	-0.035421	-0.019897	0.061686	-0.058502	0.030180
	0.110770					
z134	-0.004203	0.007437	-0.010749	-0.011575	0.009028	0.012105
	-0.054606	0.010060	0.011976	0.008553	0.002403	0.005010
	-0.028609	-0.018482	-0.006237	0.005925	0.063293	0.005185
	0.027934	-0.028635	-0.027319	0.001609	0.000681	0.002859
	-0.022456	0.031845	-0.034893	0.027150	-0.044181	0.010110
	-0.011364					

x135	-0.014463	0.004325	0.013157	0.062565	0.017844	0.005465
	-0.062287	0.028937	-0.045306	0.011424	-0.025461	-0.040604
	0.090724	-0.050184	-0.028680	0.018220	0.076839	-0.022009
	0.021577	-0.045019	-0.007757	0.022063	0.024721	0.091315
	-0.035816	0.013393	-0.047052	0.045959	0.063122	-0.004829
	-0.007212					
y135	-0.017130	-0.009093	0.062865	0.037640	-0.033833	-0.003869
	0.034240	-0.009996	-0.030661	-0.033220	-0.019547	0.005430
	0.049261	0.028620	0.028129	0.078789	-0.025706	0.000439
	-0.057886	0.073555	-0.010479	-0.006874	-0.002671	-0.040239
	-0.046872	-0.023447	0.006025	0.073299	-0.003285	0.044464
	-0.013766					
z135	0.004911	0.013206	-0.009499	-0.026799	0.012115	0.028326
	-0.063074	0.049222	0.019946	0.041396	0.027857	0.036354
	-0.055055	-0.034829	-0.024670	0.030843	0.034117	0.020290
	-0.009153	0.026545	-0.061426	-0.014727	-0.016099	-0.033539
	-0.003159	-0.032865	-0.002919	0.035004	-0.057649	0.048289
	-0.105431					
x136	-0.006669	0.007099	0.009591	0.054255	0.028337	0.006773
	-0.072946	0.058520	-0.041160	0.027065	-0.009161	-0.026902
	0.079798	-0.051106	-0.032186	0.029363	0.025816	-0.007300
	0.009043	0.010137	-0.030369	0.052822	-0.002291	0.068381
	-0.008379	-0.027929	-0.035608	0.043477	0.053198	0.031235
	-0.067233					
y136	-0.016314	-0.006886	0.063281	0.032505	-0.022100	0.002435
	0.025785	-0.005277	-0.028574	-0.025897	-0.035023	0.012758
	0.040920	0.033415	0.024762	0.059976	-0.012088	-0.008363
	-0.051606	0.063501	-0.005501	-0.018669	-0.009848	-0.028366
	-0.037799	-0.027476	0.010124	0.042804	0.018419	0.030701
	-0.006489					
z136	0.008235	0.011125	-0.017902	-0.024145	0.008273	0.020245
	-0.054487	0.035540	0.013790	0.029318	0.011291	0.016694
	-0.042121	-0.013068	-0.023814	-0.001179	0.075869	0.001566
	0.000856	-0.043908	-0.037553	-0.039336	-0.002363	0.031825
	-0.033400	0.011498	-0.009368	0.009648	-0.008785	-0.016284
	-0.016303					
x137	-0.001213	0.011949	0.004007	0.053561	0.035968	0.001020
	-0.072765	0.055893	-0.042972	0.019229	-0.010494	-0.024684
	0.075843	-0.044781	-0.026251	0.007824	0.025828	-0.008908
	0.016474	0.010141	-0.008137	0.077304	0.005179	0.075546
	-0.007594	-0.006948	-0.025277	0.038337	0.040988	-0.001715
	-0.036650					

y137	-0.008192	0.002410	0.060657	0.031153	-0.014457	0.005244
	0.019922	-0.003914	-0.029556	-0.027194	-0.033908	0.012991
	0.037676	0.032197	0.035145	0.047618	0.010146	-0.032724
	-0.050112	0.038236	0.013014	-0.019905	0.007844	-0.021302
	-0.032940	-0.032777	0.037629	0.036724	0.011587	-0.007464
	-0.004463					
z137	0.014740	0.014942	-0.021688	-0.025017	0.018219	0.011755
	-0.065347	0.033683	0.008667	0.026667	0.012925	-0.006553
	-0.040826	-0.013155	-0.014785	-0.009349	0.093129	-0.025693
	0.034783	-0.058369	-0.029966	-0.009428	0.010584	0.057435
	-0.028528	0.012986	-0.025122	-0.016374	0.000558	-0.039382
	-0.053304					
x138	0.002889	0.012825	-0.001938	0.056523	0.037118	0.008704
	-0.088071	0.043576	-0.033958	0.016276	-0.011099	-0.026848
	0.064230	-0.024578	-0.012257	0.000101	0.025530	-0.006492
	0.013168	-0.023161	0.009621	0.055707	-0.017120	0.091002
	-0.037512	0.085297	-0.040017	0.055632	-0.002486	-0.029795
	-0.011373					
y138	-0.005785	-0.001606	0.068515	0.032918	-0.006724	0.004433
	0.021506	-0.015386	-0.035537	-0.038025	-0.028645	-0.015864
	0.057965	0.019780	0.051480	0.036114	0.008517	-0.043256
	-0.041828	-0.016498	-0.013803	0.000164	0.046884	0.020792
	-0.022674	0.026774	0.026604	0.053136	0.027108	0.019206
	-0.030079					
z138	0.011728	0.015462	-0.034851	-0.012553	0.029942	0.009866
	-0.062535	0.030106	0.007145	0.033708	0.014795	-0.000450
	-0.028632	-0.002472	0.001968	-0.015656	0.047104	0.002398
	0.036099	-0.041676	-0.025791	0.021082	0.026025	0.033156
	-0.008109	0.016162	-0.041399	0.034463	-0.005903	-0.012991
	0.014320					
x139	0.010101	0.014919	0.002655	0.069202	0.036886	0.011066
	-0.071857	0.042516	-0.043145	0.000580	-0.006205	-0.015497
	0.043923	-0.008072	-0.005980	-0.015314	0.028546	-0.004724
	0.019109	-0.007782	0.010294	0.026683	-0.003888	0.063901
	-0.040847	0.046693	-0.032065	0.049709	-0.008604	-0.018600
	0.025712					
y139	-0.010888	-0.002313	0.069410	0.024812	-0.002093	0.023922
	0.011655	-0.006744	-0.028362	-0.034843	-0.026972	0.001810
	0.046536	0.030589	0.059070	0.015561	0.006310	-0.024289
	-0.045566	-0.014528	-0.024713	-0.002867	0.041648	0.034133
	0.001596	0.037125	0.017477	0.082577	0.019427	-0.004229
	0.019335					

z139	0.002122	0.019900	-0.039116	-0.018108	0.015617	0.015048
	-0.057491	0.037416	0.016161	0.037373	0.023780	0.009691
	-0.047314	-0.001582	0.008543	0.002113	0.013437	0.015316
	-0.006600	-0.030468	-0.041930	0.022649	-0.007059	0.009822
	-0.011009	-0.019426	-0.024997	0.064786	0.007009	-0.029564
	-0.027005					
x140	0.017728	0.009241	0.000665	0.076362	0.038058	0.005323
	-0.063240	0.043363	-0.049875	-0.007194	0.007410	-0.012677
	0.040343	-0.005409	-0.015476	-0.010066	0.011685	-0.011790
	0.015844	0.003924	0.003638	0.029949	0.000288	0.050126
	-0.046371	0.025250	-0.018576	0.039587	0.013698	-0.014042
	-0.008620					
y140	-0.011927	-0.002334	0.066716	0.014857	-0.000228	0.030096
	-0.002256	0.001630	-0.018281	-0.040552	-0.012030	0.015183
	0.023716	0.030076	0.034709	0.023977	-0.007828	-0.016564
	-0.048090	-0.022997	-0.020665	0.000337	0.030838	0.024972
	-0.019955	0.047799	0.024330	0.082659	0.033750	-0.022785
	-0.035879					
z140	0.002065	0.019773	-0.040567	-0.014896	0.007860	0.011448
	-0.052387	0.033241	0.019230	0.041938	0.011772	0.004148
	-0.059204	-0.000062	0.009334	-0.013067	0.017440	0.015329
	-0.001204	-0.026233	-0.037626	0.009371	-0.021745	0.016797
	-0.003663	-0.036911	-0.021915	0.035590	-0.001595	-0.040981
	-0.033326					
x141	0.024944	0.002849	0.000727	0.079720	0.038460	0.002186
	-0.053821	0.035422	-0.050671	-0.016678	0.021063	-0.011462
	0.027189	-0.007974	-0.021089	0.000430	0.003560	-0.024735
	0.023261	0.016227	0.022472	0.020979	-0.003688	0.055036
	-0.059750	0.012321	0.001239	0.024549	0.029279	-0.020322
	-0.037496					
y141	-0.009663	-0.008371	0.065347	0.013810	0.008320	0.038971
	-0.005900	-0.002810	-0.012171	-0.038166	-0.013052	0.021038
	0.013680	0.025304	0.037917	0.019046	-0.004981	-0.008817
	-0.044876	-0.036891	-0.006017	-0.032627	0.028309	0.043458
	-0.027488	0.086867	0.032178	0.067291	0.026991	-0.015141
	-0.054526					
z141	0.004221	0.025977	-0.043331	-0.004501	0.008129	0.004664
	-0.042228	0.034575	0.016784	0.045851	0.008105	0.006136
	-0.050649	0.016301	0.004091	-0.030088	0.021890	0.020832
	-0.009942	-0.019600	-0.057066	0.020539	0.003622	-0.010663
	-0.004777	-0.044749	-0.014719	0.018219	-0.016194	-0.032117
	0.018728					

x142	0.031443	-0.002261	-0.001403	0.083711	0.041044	-0.001019
	-0.045381	0.031011	-0.057053	-0.016993	0.020473	-0.005571
	0.017821	0.000243	-0.021850	-0.003322	-0.001017	-0.026215
	0.025507	0.024200	0.029755	0.001617	0.007430	0.045347
	-0.068510	-0.000571	0.005521	0.020193	0.027459	-0.019612
	-0.045763					
y142	-0.005623	-0.018263	0.059981	0.017179	0.022988	0.044212
	-0.007639	-0.001476	-0.014947	-0.027702	-0.023092	0.020427
	0.004231	0.030329	0.039211	0.009216	-0.001919	0.000699
	-0.006513	-0.030345	0.004683	-0.033769	0.039640	0.043070
	-0.008820	0.065584	0.008213	0.063641	0.039948	0.007917
	-0.053113					
z142	0.006902	0.037973	-0.048476	0.002774	0.005021	-0.007050
	-0.024394	0.041189	0.015432	0.030556	0.023375	0.002718
	-0.037421	0.003404	-0.007141	-0.023202	0.017289	0.021450
	-0.004275	0.005670	-0.062109	0.069211	0.002344	-0.011844
	-0.029017	-0.053761	0.008753	-0.018240	-0.000561	-0.044090
	0.042973					
x143	0.033436	-0.005160	-0.004009	0.088422	0.047502	-0.002696
	-0.034174	0.034705	-0.058266	-0.015373	0.015130	0.005478
	0.011719	0.015719	-0.016749	-0.015558	0.002708	-0.024461
	0.026697	0.034179	0.014673	-0.002961	0.010092	0.034485
	-0.041761	-0.003992	0.003074	0.005240	0.038978	-0.018767
	-0.028074					
y143	-0.000727	-0.019563	0.052556	0.016369	0.038951	0.032591
	-0.009679	0.011012	-0.007699	-0.032981	-0.026833	0.009858
	-0.015829	0.031839	0.016550	0.008535	-0.000544	0.011609
	0.016632	-0.030763	0.034584	-0.009748	0.054028	0.018405
	0.014046	0.017264	0.008214	0.033765	0.066499	-0.014345
	-0.016265					
z143	0.011263	0.038892	-0.049672	0.001507	-0.015326	-0.016936
	-0.022114	0.022964	0.013256	0.023808	0.050070	-0.009816
	-0.036074	-0.022630	-0.023954	0.003281	-0.015743	0.000192
	0.004162	0.017477	-0.036402	0.059278	-0.028575	-0.002731
	-0.083010	-0.057354	0.055308	-0.007839	-0.021826	-0.031685
	-0.011239					
x144	0.031850	-0.005980	-0.004639	0.085495	0.046399	-0.006314
	-0.026978	0.038024	-0.060076	-0.021909	0.028928	0.004904
	0.007110	0.017487	-0.010670	-0.009453	-0.005839	-0.031891
	0.016055	0.040003	0.014101	0.001214	0.003574	0.024631
	-0.043777	0.006357	0.023122	0.004870	0.052866	-0.026826
	-0.038727					

y144	0.001805	-0.024339	0.048760	0.018125	0.051604	0.026445
	-0.014104	0.015325	-0.006778	-0.024656	-0.041149	0.016165
	-0.034866	0.012762	0.008686	0.017784	-0.009714	0.020320
	0.028995	-0.038692	0.030688	-0.027629	0.016114	0.025133
	-0.003774	0.010826	0.015033	-0.029554	0.042750	-0.018822
	-0.037971					
z144	0.017412	0.038057	-0.054040	0.007463	-0.022922	-0.014462
	-0.012518	0.009327	0.012015	0.039464	0.031588	0.005710
	-0.038051	0.000368	-0.027811	-0.010478	-0.016937	0.000646
	0.006459	0.026115	-0.027197	0.025257	-0.001526	-0.010058
	-0.070472	-0.053975	0.054138	0.007779	-0.057848	-0.008954
	0.010642					
x145	0.027683	-0.008246	-0.006933	0.080160	0.047749	-0.006188
	-0.018652	0.040472	-0.055025	-0.024708	0.040250	-0.001782
	-0.000399	0.021567	-0.006579	-0.007199	0.006207	-0.038749
	-0.009326	0.047563	-0.005561	-0.005110	0.007677	0.013644
	-0.041413	0.021993	0.042229	0.011721	0.043525	-0.052069
	-0.006616					
y145	0.002805	-0.029222	0.041509	0.024385	0.057939	0.032821
	-0.018141	0.007024	0.010612	-0.022860	-0.017354	0.018774
	-0.040519	0.008335	-0.016297	0.026920	-0.001089	0.012370
	0.030721	-0.042802	0.026508	-0.035574	-0.004326	0.016210
	-0.025419	0.023014	0.052159	-0.049043	0.003019	-0.039751
	0.017941					
z145	0.021677	0.045408	-0.055014	0.007435	-0.031704	-0.028649
	-0.000466	0.016667	-0.000763	0.036062	0.027744	0.003824
	-0.016220	-0.005988	-0.017658	-0.027482	-0.030083	-0.005626
	0.014042	0.045992	-0.014156	0.058812	-0.003521	0.010965
	-0.050273	-0.060054	0.029545	-0.034694	-0.023558	0.022523
	-0.064312					
x146	0.025397	-0.010002	-0.008921	0.067521	0.041292	-0.015456
	-0.013151	0.048332	-0.061678	-0.026648	0.039816	0.010810
	-0.009090	0.027996	0.010871	-0.015722	-0.005560	-0.041181
	-0.004449	0.047546	-0.003131	-0.015426	0.002247	0.007956
	-0.038042	0.025180	0.053368	0.019181	0.020948	-0.077866
	0.000054					
y146	0.003155	-0.033186	0.040971	0.032466	0.063740	0.040090
	-0.022499	0.016343	0.013352	-0.020794	0.012368	0.016966
	-0.044227	-0.001341	-0.028820	0.014971	0.004343	0.007048
	0.076470	-0.031263	0.047067	0.013566	-0.024107	0.025136
	0.015436	-0.025833	0.040406	-0.046844	0.013675	-0.014502
	0.055105					

z146	0.018353	0.049567	-0.055962	0.018414	-0.040803	-0.020438
	0.009193	0.009180	0.002692	0.047603	0.026368	0.001248
	0.002928	-0.010971	-0.014730	-0.023019	-0.033674	-0.014118
	-0.029935	0.043237	-0.023639	0.057032	0.004083	0.002549
	-0.064726	-0.044526	0.037299	-0.009474	-0.022322	0.054723
	-0.050623					
x147	0.028759	-0.016458	-0.013664	0.059051	0.041720	-0.019708
	-0.007569	0.041281	-0.064161	-0.023597	0.037510	0.022539
	0.004643	0.039209	0.016187	-0.006053	-0.012586	-0.043612
	0.023547	0.059925	0.009364	-0.020059	-0.006441	-0.007829
	0.012845	0.014104	0.030314	-0.014166	0.025632	-0.061487
	0.001762					
y147	-0.008530	-0.023100	0.045661	0.017498	0.043083	0.032655
	-0.018560	0.025364	-0.004331	-0.025392	0.015129	0.004605
	-0.042437	-0.013760	-0.006400	-0.001391	-0.036172	0.004188
	0.053793	-0.055018	0.049139	0.045939	-0.024057	0.041728
	-0.018743	0.007224	0.032768	-0.001099	0.022592	0.005508
	-0.007848					
z147	0.014780	0.061015	-0.057570	0.018198	-0.058863	-0.033446
	0.019903	0.000482	-0.002901	0.035587	0.025312	0.001071
	0.016028	-0.015095	-0.001297	-0.022065	-0.031639	-0.024527
	-0.067726	0.022709	-0.017209	0.056434	0.023505	-0.010877
	-0.086300	-0.021300	0.045045	-0.003225	-0.027026	0.019448
	-0.011328					
x148	0.024441	-0.020527	-0.016522	0.055426	0.046056	-0.019253
	0.012769	0.041760	-0.065865	-0.017378	0.016576	0.030797
	0.020468	0.046135	0.012600	0.002733	-0.004166	-0.015045
	0.021467	0.076075	-0.006679	-0.046845	0.013911	-0.031441
	0.050668	-0.005312	-0.004237	-0.044122	0.024224	-0.028755
	0.032012					
y148	-0.002511	-0.021321	0.033388	0.012871	0.041344	0.019104
	-0.011558	0.021832	-0.005004	-0.018191	0.000940	0.013120
	-0.032695	-0.008382	-0.004869	-0.008083	-0.020590	-0.000482
	0.027248	-0.020285	0.048760	0.021707	-0.016502	0.016415
	-0.012438	0.011628	0.015621	-0.040706	0.007764	-0.011715
	-0.002017					
z148	0.015609	0.062299	-0.058733	0.020286	-0.083248	-0.047209
	0.023692	-0.015092	-0.002271	0.018953	0.039134	0.010523
	0.031016	-0.017429	0.012120	-0.024873	-0.031520	-0.055990
	-0.048622	0.014404	-0.000230	0.033546	0.009517	0.016517
	-0.082224	0.000243	0.053210	-0.024855	-0.016691	0.005638
	-0.054670					

x149	0.022655	-0.022749	-0.017960	0.049259	0.049458	-0.016920
	0.028477	0.050066	-0.058960	-0.016872	0.017928	0.032015
	0.019065	0.043835	0.005211	0.002744	-0.004076	-0.006967
	0.023190	0.074283	-0.013731	-0.054128	0.032324	-0.033211
	0.049641	0.001943	-0.011899	-0.042129	0.008679	-0.016735
	0.016359					
y149	0.007530	-0.022715	0.020611	0.009567	0.038071	0.014026
	-0.010848	0.026436	0.002077	-0.002501	-0.010550	0.034837
	-0.026055	0.022310	0.008120	-0.025779	0.020163	-0.017241
	0.022396	0.015206	0.032039	-0.010943	-0.012404	-0.000563
	0.043463	-0.013856	0.009638	-0.058628	-0.006729	-0.025447
	0.009132					
z149	0.014507	0.065397	-0.054075	0.027226	-0.082405	-0.052168
	0.031027	-0.016856	-0.010627	0.016361	0.029265	0.003223
	0.040414	-0.012863	0.018507	-0.020577	-0.029709	-0.052763
	-0.037757	0.017398	-0.008617	0.023018	0.011376	0.025863
	-0.061715	-0.011939	0.052022	-0.043960	0.014239	0.003340
	-0.035708					
x150	0.022326	-0.027293	-0.015115	0.046766	0.049845	-0.010215
	0.033867	0.058940	-0.058589	-0.020081	0.025828	0.029639
	0.010680	0.040471	0.002900	-0.001883	-0.003906	-0.012272
	0.034900	0.071746	-0.024122	-0.060747	0.032490	-0.026343
	0.040660	0.000912	-0.009398	-0.046475	-0.005537	-0.008870
	-0.009470					
y150	0.009688	-0.018599	0.013480	0.007689	0.029830	0.011148
	-0.006575	0.025104	-0.004724	0.008076	-0.011770	0.031621
	-0.019934	0.028153	0.008945	-0.016432	0.035502	-0.008059
	0.020291	0.026671	0.004053	-0.013023	-0.001653	-0.016285
	0.053342	-0.040515	0.019797	-0.050012	-0.015654	-0.021291
	0.021536					
z150	0.009931	0.067301	-0.056259	0.031194	-0.081623	-0.051805
	0.043181	-0.030254	-0.007684	0.027592	0.007959	0.009729
	0.044064	-0.016219	0.011567	-0.005240	-0.034394	-0.035639
	-0.040585	0.006605	-0.003095	-0.004102	0.021092	0.021702
	-0.048565	-0.002169	0.040509	-0.036307	0.013508	0.017115
	-0.015366					
x151	0.018004	-0.032876	-0.012049	0.051307	0.049503	-0.003850
	0.045331	0.067916	-0.056364	-0.019483	0.023790	0.024776
	0.000699	0.021951	0.003696	-0.017265	-0.015447	-0.011366
	0.041572	0.058130	-0.016699	-0.054435	0.039172	-0.011264
	0.018743	0.009034	0.003030	-0.056547	-0.017458	0.000321
	-0.000343					

y151	0.009012	-0.014090	0.006353	0.002321	0.016863	0.004791
	0.002171	0.013319	-0.001389	0.005824	-0.004705	0.040055
	-0.006328	0.026939	0.002792	-0.002236	0.030698	-0.016434
	0.005544	0.032735	0.000998	-0.018388	0.012442	-0.014678
	0.043553	-0.029961	0.013324	-0.054088	-0.022101	-0.032178
	-0.005060					
z151	0.010975	0.075830	-0.056037	0.027378	-0.076334	-0.055319
	0.055392	-0.026705	-0.008332	0.027624	0.008742	0.010272
	0.051153	-0.007412	0.006116	0.008133	-0.024117	-0.029666
	-0.036365	0.019400	-0.005992	0.004835	0.042910	0.003328
	-0.007311	-0.021604	0.018498	-0.027537	0.034290	-0.006594
	-0.014175					
x152	0.016052	-0.037261	-0.012095	0.049135	0.047013	0.003694
	0.052608	0.081604	-0.050757	-0.016572	0.026445	0.020813
	-0.016533	0.001494	-0.007722	-0.029427	-0.027215	-0.001611
	0.048004	0.036622	-0.006162	-0.051509	0.035931	-0.005683
	0.000981	0.030495	0.005637	-0.051619	-0.039523	-0.001786
	-0.012858					
y152	0.011564	-0.003960	0.004255	0.008701	0.009552	-0.001778
	0.006338	0.012640	0.005021	0.002728	-0.007792	0.043369
	0.003742	0.027063	0.021891	-0.026114	0.034519	-0.021661
	-0.001963	0.018642	0.018342	-0.008170	0.029287	0.009154
	0.041713	-0.032915	-0.007591	-0.072772	-0.000410	-0.052595
	0.010436					
z152	0.007630	0.080178	-0.049523	0.030631	-0.063861	-0.052095
	0.064595	-0.040384	-0.008599	0.028681	-0.000255	0.012187
	0.050515	-0.002207	0.002864	0.037826	-0.023501	-0.029929
	-0.018029	0.017547	-0.023628	-0.002827	0.047473	0.001205
	0.018989	-0.031521	0.013550	-0.023083	0.042628	0.010134
	0.006372					
x153	0.015769	-0.038477	-0.011053	0.045601	0.047757	0.012490
	0.053881	0.094234	-0.040618	-0.011589	0.029849	0.009845
	-0.017076	-0.014357	-0.019311	-0.039506	-0.041349	0.000353
	0.043190	0.025662	-0.002477	-0.046673	0.025247	-0.019132
	0.001980	0.046659	-0.000470	-0.056737	-0.041537	0.008228
	-0.012413					
y153	0.005481	-0.000078	0.004993	0.023303	-0.000012	-0.001327
	0.007301	0.009440	0.008245	0.002792	0.006856	0.026156
	-0.007154	-0.008356	0.010947	-0.019121	0.017804	-0.007430
	0.004159	-0.002092	0.028183	0.020781	0.005588	0.043774
	-0.017266	-0.018789	0.000952	-0.032867	0.033387	-0.035223
	-0.005122					

z153	0.001068	0.080127	-0.050729	0.033232	-0.055899	-0.050902
	0.076035	-0.060774	-0.008787	0.030528	-0.020291	0.031360
	0.041837	0.012632	-0.001241	0.062618	-0.018120	-0.023612
	-0.001962	0.009066	-0.029426	-0.030479	0.051971	0.006045
	0.037331	-0.014939	0.008711	-0.020737	0.020189	0.009453
	0.020675					
x154	0.014101	-0.041115	-0.014613	0.026473	0.050383	0.013127
	0.067456	0.081590	-0.047793	-0.008730	0.012639	0.009685
	-0.003129	-0.006507	-0.037201	-0.030713	-0.042736	0.003679
	0.060103	0.033131	-0.027406	-0.051488	0.041521	-0.037618
	0.030005	0.034037	-0.011373	-0.068597	-0.042642	0.028106
	0.008499					
y154	0.001657	0.010132	0.001352	0.034535	-0.007464	-0.006217
	0.004362	0.010131	0.006995	0.004719	0.011247	0.027131
	-0.012152	-0.027807	-0.012743	-0.019342	0.025182	-0.002572
	0.006391	-0.012074	0.048345	0.015864	0.007566	0.067418
	-0.025995	-0.007786	-0.005085	0.000378	0.034686	-0.010789
	0.018685					
z154	0.001215	0.083567	-0.042501	0.043477	-0.053581	-0.048691
	0.078071	-0.058405	0.005816	0.026102	-0.001672	0.025966
	0.035141	-0.007470	0.012264	0.078448	-0.024214	-0.028233
	-0.015180	-0.009834	-0.006078	-0.035266	0.036905	0.027645
	0.026532	0.037984	0.000114	-0.015929	0.003032	0.006629
	-0.040524					
x155	0.013221	-0.039476	-0.011517	0.017002	0.044477	0.016497
	0.077844	0.076705	-0.038282	-0.009110	0.016101	0.006223
	-0.006123	-0.022360	-0.042135	-0.020266	-0.046901	0.017069
	0.051597	0.025557	-0.030838	-0.038900	0.037447	-0.030998
	0.029107	0.048079	-0.033634	-0.053644	-0.058376	0.049199
	-0.011402					
y155	0.005714	0.030014	0.001210	0.021058	-0.008142	-0.020410
	0.004975	0.002197	-0.000260	0.008562	0.004480	0.027863
	0.011331	-0.013416	-0.031817	0.004262	0.029870	-0.021682
	0.017051	-0.023595	0.030967	-0.021247	0.024800	0.040916
	0.006706	-0.004509	-0.014640	0.006563	0.025808	0.008900
	0.038619					
z155	-0.000500	0.077705	-0.039031	0.054945	-0.036462	-0.037231
	0.083934	-0.055732	0.009815	0.018528	-0.009607	0.018300
	0.025707	-0.010178	0.014420	0.088663	-0.015607	-0.027167
	0.005630	-0.027641	0.007938	-0.040099	0.053273	0.013954
	0.007169	0.079749	0.007965	-0.010773	0.010980	-0.009488
	-0.029149					

x156	0.014554	-0.038960	-0.005829	0.012383	0.039020	0.023221
	0.080628	0.068572	-0.040591	-0.004437	-0.005583	0.028321
	-0.016778	-0.020722	-0.031854	-0.021982	-0.037881	0.034083
	0.044523	0.016914	-0.041790	-0.061747	0.063492	-0.020761
	0.027674	0.058425	-0.041498	-0.025484	-0.050793	0.072148
	0.018670					
y156	0.005800	0.043727	-0.004542	0.026953	-0.014580	-0.029413
	0.013617	-0.000413	-0.000867	0.012715	0.002811	0.029520
	-0.010008	-0.019443	-0.038655	0.033233	-0.013409	-0.030986
	0.031705	-0.029429	0.018882	-0.017528	0.019262	0.020050
	-0.007443	-0.001555	-0.007637	0.006416	0.030765	0.032904
	0.018667					
z156	-0.001231	0.078420	-0.037123	0.054843	-0.023005	-0.045968
	0.068149	-0.036343	-0.004943	0.001095	-0.022559	0.045424
	0.015758	-0.006671	0.013239	0.081980	-0.042902	-0.020438
	0.038520	-0.044789	0.038265	-0.014620	0.042590	-0.018404
	0.010793	0.063797	0.023629	-0.030784	0.003208	-0.017388
	-0.006101					
x157	0.010830	-0.035632	-0.001830	0.000301	0.040951	0.023385
	0.091923	0.055133	-0.036101	-0.005176	-0.010774	0.022525
	-0.005520	-0.017312	-0.027351	-0.009575	-0.014694	0.051801
	0.043074	0.025003	-0.037176	-0.056715	0.089013	-0.017822
	0.009310	0.044533	-0.039848	-0.019408	-0.028767	0.060272
	0.023819					
y157	0.004716	0.048225	-0.013130	0.042885	-0.013426	-0.030637
	0.018275	-0.015105	0.001387	0.008346	-0.011033	0.033557
	-0.024919	-0.010737	-0.017860	0.053703	-0.016458	-0.012014
	0.046185	-0.025122	0.032093	-0.031325	0.025171	-0.000749
	0.013101	0.016391	-0.028223	-0.013770	0.029675	0.008190
	0.050426					
z157	-0.001495	0.068241	-0.029081	0.058198	-0.012039	-0.026631
	0.053764	-0.036065	0.006979	-0.011980	-0.000899	0.028841
	0.008133	-0.025155	0.007147	0.085162	-0.028901	-0.006570
	0.012038	-0.038309	0.025967	-0.027131	0.020629	-0.024823
	-0.015319	0.093925	0.014105	-0.018605	-0.005153	-0.019018
	-0.002445					
x158	0.004807	-0.037032	-0.000529	-0.015652	0.036294	0.024963
	0.103815	0.029461	-0.019354	-0.001889	0.003149	0.004637
	0.012040	-0.025813	-0.025182	0.000617	0.010496	0.048972
	0.030756	0.016403	-0.035043	-0.048907	0.068140	0.000400
	-0.010618	0.055841	-0.054985	0.004231	-0.026017	0.041599
	0.008984					

y158	0.006094	0.054801	-0.012077	0.049172	-0.006101	-0.043026
	0.013879	-0.012295	0.012657	0.002595	-0.018399	0.034721
	-0.019211	-0.008613	-0.004876	0.042923	-0.019146	0.001401
	0.033395	-0.008163	0.034816	-0.048047	0.026168	-0.015875
	0.021885	0.030444	-0.018220	-0.017759	0.048238	-0.021385
	0.063704					
z158	0.000934	0.062899	-0.023465	0.063679	-0.002189	-0.021978
	0.043379	-0.027347	0.017672	-0.021632	0.005054	0.003968
	0.012717	-0.032568	-0.002191	0.055245	-0.010740	-0.001290
	0.002740	-0.014823	0.016783	-0.020248	0.033400	-0.027564
	-0.028480	0.075131	0.010572	-0.028367	0.007055	-0.019774
	0.004205					
x159	0.000463	-0.030079	-0.002493	-0.020471	0.029741	0.018253
	0.102733	0.014097	-0.006045	-0.007108	0.015432	-0.020937
	0.026982	-0.032903	-0.033493	-0.008212	0.031007	0.030301
	0.016607	0.010258	-0.031014	-0.035355	0.046805	0.009076
	-0.023670	0.060982	-0.043717	-0.020968	0.005453	0.017309
	0.019589					
y159	0.004401	0.052858	-0.007239	0.055219	0.001666	-0.043814
	0.014489	-0.023527	0.031233	-0.004547	-0.008747	0.025708
	-0.016795	-0.017226	-0.006782	0.034735	-0.017275	0.000741
	0.013809	-0.001604	0.025368	-0.055928	0.021982	-0.005884
	0.013807	0.056377	-0.019418	0.000240	0.029628	-0.040419
	0.042885					
z159	0.001147	0.048554	-0.015221	0.062804	0.006849	-0.010740
	0.034610	-0.026242	0.026507	-0.018245	0.000798	0.011903
	0.015190	-0.034958	-0.006429	0.041964	-0.001878	0.015080
	0.006549	0.000543	0.013224	-0.021630	0.027736	-0.021055
	-0.021406	0.050709	-0.017129	-0.009478	-0.013899	-0.019439
	0.013737					
x160	-0.000541	-0.024673	-0.005566	-0.025234	0.021652	0.016418
	0.099211	0.012298	-0.005121	-0.011477	0.020272	-0.020370
	0.025080	-0.044203	-0.026434	-0.004171	0.043890	0.029367
	0.020665	0.014877	-0.036485	-0.040288	0.044956	0.008950
	-0.024500	0.066014	-0.037497	-0.026532	0.013739	0.015747
	0.028372					
y160	0.004807	0.050181	-0.004456	0.063483	0.005283	-0.044997
	0.006850	-0.033260	0.043383	-0.004408	-0.007116	0.014649
	-0.012195	-0.019785	-0.008258	0.026510	-0.016363	-0.011689
	0.005809	0.002344	0.016349	-0.044473	0.012020	0.000774
	0.009054	0.038699	-0.038558	-0.002103	0.022896	-0.047879
	0.029599					

z160	0.000843	0.035022	-0.004786	0.060245	0.013219	-0.006482
	0.029628	-0.029548	0.036442	-0.018301	0.003071	0.015446
	0.019147	-0.039951	-0.007948	0.018581	0.003136	0.010644
	0.008211	0.005006	0.011425	-0.008922	0.025638	-0.002265
	-0.022526	0.024853	-0.019224	-0.001469	-0.017375	-0.016034
	0.009741					
x161	-0.000559	-0.018189	-0.007651	-0.035702	0.018544	0.014139
	0.090686	0.012703	-0.000098	-0.007916	0.029673	-0.019255
	0.030534	-0.053281	-0.003520	0.009442	0.049865	0.032486
	0.023714	0.011373	-0.036367	-0.036041	0.011035	-0.013055
	-0.024472	0.067110	-0.023078	-0.037600	0.026645	0.025443
	0.042680					
y161	0.004240	0.044993	-0.004466	0.072444	0.010471	-0.045745
	-0.003579	-0.041955	0.052556	-0.008366	-0.005999	0.013070
	-0.011503	-0.020781	-0.018654	0.017994	-0.015032	-0.010956
	-0.001826	0.015562	0.005110	-0.024723	-0.001352	0.001252
	0.009946	0.028166	-0.058792	0.007844	0.022007	-0.063901
	0.007148					
z161	-0.000637	0.024622	0.000919	0.059986	0.013128	-0.003898
	0.024915	-0.033330	0.046865	-0.021613	-0.003936	0.016723
	0.019524	-0.043403	-0.005415	-0.000068	0.001711	0.010034
	-0.001582	0.015647	0.019754	0.002791	0.021521	0.014694
	-0.023921	0.026346	-0.008820	-0.000486	-0.021712	-0.016268
	0.016244					
x162	-0.003215	-0.009781	-0.013071	-0.043387	0.003757	0.009604
	0.074693	0.010498	0.001821	0.002503	0.029140	-0.027151
	0.031153	-0.061652	0.022859	0.036167	0.064678	0.060259
	0.031031	0.003083	-0.017853	-0.030882	-0.049756	-0.061603
	-0.019028	0.089005	-0.001028	-0.031628	0.023382	0.060981
	0.045042					
y162	0.006749	0.037582	0.001144	0.077439	0.019335	-0.045300
	-0.008721	-0.039484	0.058446	-0.011552	0.001536	0.013579
	-0.015684	-0.020479	-0.023354	-0.007974	-0.012570	-0.013624
	-0.016408	0.031715	-0.014055	0.003229	0.006445	0.008274
	-0.001174	-0.003899	-0.056775	-0.006109	0.017411	-0.063324
	-0.027216					
z162	0.000331	0.018807	0.006742	0.058612	0.019317	-0.005270
	0.019352	-0.030115	0.057096	-0.022172	-0.005549	0.020885
	0.027266	-0.040884	0.012339	-0.009419	-0.001811	-0.002829
	-0.018445	0.021097	0.021018	0.030584	-0.001116	0.017682
	-0.014596	0.033641	-0.013827	-0.003597	0.016355	-0.062193
	0.039812					

x163	-0.008743	-0.000330	-0.016413	-0.053726	0.001170	0.002819
	0.056962	0.021012	0.003985	-0.016444	0.024760	-0.033322
	0.034853	-0.077403	0.038130	0.046486	0.077542	0.041940
	0.048103	0.006516	-0.018927	-0.004883	-0.038879	-0.073745
	-0.006186	0.089399	0.017883	-0.022818	0.007767	0.063817
	0.049389					
y163	0.007160	0.023595	0.010795	0.087358	0.015464	-0.032595
	-0.017320	-0.051652	0.070221	0.003661	0.001762	0.031459
	-0.018627	-0.025523	-0.024763	-0.026034	-0.026139	-0.012014
	-0.039995	0.038226	-0.034599	-0.014936	-0.030591	0.014943
	-0.013861	0.011350	-0.053825	-0.008695	-0.016703	-0.030323
	-0.040989					
z163	0.003489	0.016792	0.001914	0.052689	0.011892	-0.008971
	0.007116	-0.022713	0.050701	-0.012385	-0.000153	0.012246
	0.024053	-0.046313	0.017752	-0.025334	0.010094	0.007816
	-0.021218	0.032679	-0.002235	0.032072	0.009408	0.016460
	-0.006842	0.014737	-0.024817	-0.009989	0.016944	-0.052388
	0.037750					
x164	-0.010898	0.011459	-0.008789	-0.061749	-0.003421	-0.001723
	0.050934	0.033848	0.006339	-0.033100	0.023750	-0.033323
	0.018502	-0.092953	0.054724	0.038228	0.090123	0.014053
	0.067159	0.018473	-0.040507	0.021360	-0.003952	-0.033060
	0.011029	0.055711	0.051384	-0.018064	-0.037288	0.058732
	0.040453					
y164	0.007801	0.014111	0.013994	0.088299	0.011644	-0.032221
	-0.026673	-0.041101	0.068472	0.010890	-0.002486	0.036151
	-0.009909	-0.042060	-0.033077	-0.039612	-0.008483	0.012838
	-0.052259	0.055542	-0.043794	0.021248	-0.048749	-0.001492
	-0.011176	0.026013	-0.057103	-0.009870	-0.005103	0.013706
	-0.017233					
z164	0.001940	0.010824	-0.004487	0.047876	0.002022	-0.009905
	-0.010745	-0.023647	0.048168	0.000323	0.003832	0.015271
	0.023182	-0.045484	0.013580	-0.036227	0.012837	0.007075
	-0.041885	0.046231	-0.040860	0.007551	-0.004301	-0.011434
	-0.001720	0.017907	-0.027430	-0.012832	-0.007373	-0.031960
	0.006213					
x165	-0.008922	0.032505	-0.010565	-0.075413	-0.016007	0.002792
	0.015578	0.022956	0.024203	-0.025601	0.033000	-0.007166
	0.001930	-0.086232	0.033992	0.035761	0.111598	-0.027936
	0.045356	-0.003298	-0.053717	0.030533	-0.011425	-0.022939
	0.028058	0.031749	0.053983	-0.033850	-0.004989	0.040315
	-0.005725					

y165	0.011246	0.038694	-0.002549	0.066424	-0.000897	-0.034468
	-0.039683	-0.004389	0.061842	-0.014334	0.003153	0.059359
	0.031923	-0.012048	-0.042909	-0.050067	-0.009973	-0.003225
	-0.094091	0.040064	-0.000681	0.037333	-0.059381	-0.077851
	0.039242	0.049476	-0.069921	-0.005480	0.032947	-0.051121
	-0.018779					
z165	0.009837	-0.035129	0.019117	0.077484	0.008750	-0.024013
	0.003311	-0.016316	0.041354	0.047866	-0.013159	-0.006782
	-0.015319	-0.108093	0.071384	-0.035561	0.055520	0.044244
	0.019761	0.151495	-0.089702	0.104366	-0.048938	-0.006198
	-0.041331	0.012715	0.039838	-0.043699	-0.081728	0.074256
	0.010930					
x166	0.087222	0.000049	-0.001295	0.013681	-0.009526	0.065062
	-0.033431	0.025864	0.065630	-0.052022	-0.033811	-0.081516
	0.041785	-0.039733	0.085100	0.024430	-0.083424	0.046621
	-0.027550	0.045843	0.036395	-0.021922	0.023494	0.012542
	0.025423	-0.081293	0.095184	0.082721	-0.037917	0.009965
	-0.000750					
y166	0.054552	0.037529	0.054164	-0.040882	-0.053599	-0.116290
	-0.046426	-0.031382	-0.034419	-0.013424	-0.029336	0.063780
	0.014368	-0.000869	-0.036648	-0.035563	-0.002690	-0.029787
	0.041985	-0.053436	0.099900	0.009116	-0.020382	-0.059911
	0.009112	-0.005740	0.108251	-0.016022	-0.007421	-0.095601
	-0.019227					
z166	0.013220	0.060407	0.006439	0.039835	0.040297	0.069604
	0.046862	-0.004028	-0.014029	-0.039766	0.002149	0.004371
	0.024608	-0.062254	0.030700	-0.023132	0.054782	-0.001081
	0.001115	-0.026821	0.006048	0.063828	0.014880	0.006054
	0.018281	-0.040397	-0.013970	0.039477	-0.113419	-0.037530
	-0.053108					
x167	0.088537	-0.001552	0.013508	-0.005853	-0.033795	0.023050
	-0.048057	0.023774	0.019737	-0.040352	-0.045000	-0.039623
	0.030798	0.014726	0.054759	0.010361	-0.088289	0.047745
	0.039610	0.030869	0.046579	-0.050529	0.009165	-0.001481
	0.054709	-0.028515	0.093400	0.041724	-0.034388	0.023173
	0.015820					
y167	0.050798	0.041102	0.028469	0.013925	-0.014262	-0.024434
	-0.011043	-0.005547	0.007340	-0.027401	-0.007379	-0.012075
	0.006486	-0.031163	0.000259	-0.017641	-0.027230	-0.010009
	0.047384	0.021320	0.037318	0.024164	-0.030579	0.045203
	-0.017864	-0.015582	-0.001600	-0.018898	-0.058695	-0.017974
	0.026177					

z167	0.010452	0.040490	0.023146	0.001863	0.007126	-0.024479
	0.018349	-0.010999	-0.011699	0.002816	-0.015615	0.004299
	0.040677	-0.018646	-0.017589	-0.039349	0.028211	0.021762
	0.018098	-0.002182	0.011415	0.051310	0.003757	-0.004347
	0.003198	-0.015023	-0.033555	0.006970	-0.040851	-0.033877
	-0.036090					
x168	0.092000	0.006523	0.013511	0.010904	-0.027346	0.046230
	-0.037119	0.025941	0.014379	-0.052399	-0.024292	-0.059679
	0.024537	-0.005481	0.037964	0.004710	-0.079968	0.037973
	0.038532	0.033794	0.031506	-0.047999	-0.007600	0.014447
	0.048211	-0.033797	0.080284	0.061179	-0.061764	0.034656
	0.004605					
y168	0.033288	0.028447	0.023363	0.011082	-0.001505	-0.031432
	-0.000008	-0.007931	-0.001810	-0.006977	0.000215	-0.006363
	0.004109	-0.027885	-0.023331	-0.028244	0.020228	-0.018200
	0.028057	0.007484	0.017375	0.007402	-0.043721	0.017023
	-0.024628	0.018213	-0.040729	-0.049779	-0.032240	0.016589
	0.016851					
z168	0.022407	0.041735	0.020715	0.006556	-0.003602	-0.027247
	0.012061	-0.006064	0.001772	-0.001353	-0.020676	0.007447
	0.043606	-0.023516	0.001472	-0.017320	-0.004266	0.024276
	0.033290	0.000770	0.034021	0.029438	0.019060	0.009762
	0.002170	-0.057033	0.014754	0.040058	-0.021589	-0.025187
	-0.027093					
x169	0.092021	0.008979	0.009708	0.023884	-0.023415	0.061994
	-0.026952	0.017982	0.015253	-0.064603	-0.016540	-0.073218
	-0.009158	0.005566	0.014189	-0.005149	-0.032972	0.012534
	0.027435	0.038972	0.019434	-0.015332	-0.025363	0.004925
	0.038718	-0.013684	0.037642	0.028597	-0.087445	0.072040
	0.035895					
y169	0.022913	0.020032	0.021527	0.005409	0.008023	-0.048172
	0.002609	0.003551	0.005566	0.019314	-0.002399	0.002342
	0.013430	-0.024651	-0.004786	-0.021009	0.021682	-0.025979
	0.012508	-0.020184	0.024701	-0.001722	-0.007771	0.016104
	-0.026947	-0.001887	-0.042457	-0.044113	-0.003331	0.031712
	-0.002823					
z169	0.024564	0.034620	0.013201	0.012483	-0.004865	-0.030110
	0.011993	-0.004143	0.009474	0.003044	-0.023532	0.007001
	0.033980	-0.032591	-0.014035	0.001397	-0.016940	0.044129
	0.045505	0.029743	0.042216	0.004276	0.008096	0.024507
	-0.003269	-0.050510	0.011915	0.040705	-0.003331	0.008025
	-0.015719					

x170	0.080122	0.004647	0.010923	0.033894	-0.020836	0.057872
	-0.022997	0.012010	0.018953	-0.054615	-0.016169	-0.064964
	-0.020186	0.009029	0.004488	-0.001497	-0.010266	0.017824
	0.028736	0.032954	0.029127	-0.015429	-0.001849	0.004507
	0.031116	-0.015614	0.023774	0.003311	-0.073276	0.087994
	0.050541					
y170	0.012622	0.018577	0.023483	-0.005799	0.017426	-0.068707
	-0.000752	0.029657	0.014687	0.042440	-0.003539	0.008934
	0.021872	-0.025206	0.015175	-0.004054	0.003022	-0.012881
	0.008582	-0.027054	0.020845	0.006651	0.037918	0.035181
	-0.003716	-0.039458	-0.020616	-0.042631	0.018147	0.007786
	-0.020059					
z170	0.029695	0.028758	0.002680	0.018526	0.004367	-0.029298
	0.018651	0.001827	0.010729	-0.003877	-0.023238	-0.000306
	0.017790	-0.036116	-0.036326	0.008530	-0.010471	0.034398
	0.041847	0.043494	0.053289	0.021306	-0.005469	0.012795
	-0.014085	-0.053532	0.001153	0.031151	0.027319	0.052267
	-0.002131					
x171	0.052883	0.004826	-0.005127	0.031973	-0.015395	0.046960
	-0.009207	0.008265	0.021810	-0.058755	-0.016505	-0.043965
	-0.035807	0.011313	-0.033814	0.016252	0.002657	0.055301
	0.031864	0.058905	0.065828	0.013368	0.002533	0.020591
	0.019804	-0.013751	0.023740	0.013280	-0.025724	0.047635
	0.025779					
y171	0.005993	0.015905	0.024367	-0.020189	0.007806	-0.071481
	-0.004541	0.036983	0.008458	0.051505	-0.012665	0.005364
	0.017291	-0.019324	0.037338	-0.009446	-0.008772	-0.021843
	-0.010381	-0.043887	-0.013411	0.008496	0.027894	0.035920
	0.009330	-0.032891	-0.022843	-0.016708	-0.011762	0.012398
	0.000084					
z171	0.029354	0.022495	-0.007213	0.024420	0.014218	-0.027796
	0.026986	0.005362	0.015195	-0.011402	-0.022466	-0.001787
	-0.002382	-0.038466	-0.055153	0.022331	-0.000323	0.033599
	0.036868	0.052335	0.069419	0.031785	-0.001327	0.001191
	-0.023479	-0.055749	-0.000507	0.021767	0.055830	0.076512
	0.005498					
x172	0.036257	0.011863	-0.003241	0.020636	-0.022117	0.040663
	-0.003172	0.012085	0.003915	-0.065417	-0.022623	-0.033744
	-0.044333	0.022775	-0.043073	0.001225	-0.000242	0.053129
	0.011650	0.047987	0.062915	0.029841	-0.028613	0.010841
	0.027142	-0.006684	0.023248	0.025328	-0.002969	0.030857
	0.042715					

y172	-0.007025	0.011562	0.012042	-0.033641	0.000730	-0.074985
	-0.000870	0.036727	0.003347	0.051010	-0.027818	0.015502
	0.010122	-0.012591	0.037461	-0.013061	-0.014950	-0.008963
	-0.009051	-0.037173	-0.025782	0.026388	0.023585	0.035553
	0.011322	-0.033255	-0.013432	0.019432	0.003396	-0.000207
	-0.017017					
z172	0.034086	0.019011	-0.003657	0.029024	0.022889	-0.023197
	0.025981	0.016246	0.018109	-0.009728	-0.013343	-0.012546
	-0.014910	-0.041006	-0.038136	0.035907	0.009053	0.018534
	0.021340	0.038158	0.068853	0.017134	0.010463	-0.005788
	-0.021299	-0.052264	-0.002820	0.011539	0.036895	0.090556
	0.014683					
x173	0.019868	0.016638	0.004174	0.011097	-0.023242	0.028636
	-0.000419	0.021468	-0.002579	-0.060361	-0.033381	-0.026449
	-0.047897	0.037660	-0.041484	-0.010111	0.010720	0.062351
	0.008287	0.039299	0.049036	0.036241	-0.013564	0.017664
	0.043657	-0.011669	0.025382	0.039180	0.017013	-0.006001
	0.044538					
y173	-0.018161	0.006423	-0.005949	-0.039587	-0.001750	-0.073837
	0.009363	0.031404	0.004055	0.038598	-0.038328	0.033345
	-0.002075	-0.013229	0.021914	0.000763	-0.017662	0.010923
	-0.005895	-0.012834	-0.007136	0.045708	0.008613	0.022521
	0.008377	-0.032328	-0.006667	0.027825	0.036087	-0.004084
	-0.028751					
z173	0.038650	0.017730	0.007220	0.029842	0.027027	-0.016767
	0.021069	0.032398	0.011962	-0.004017	-0.005831	-0.023419
	-0.027135	-0.035629	-0.005646	0.037818	0.012505	-0.009069
	-0.004504	0.010045	0.055656	-0.006190	0.014709	-0.018494
	-0.015003	-0.049604	-0.009196	0.004884	0.008572	0.104684
	0.024679					
x174	0.027897	0.019551	0.033087	0.007957	-0.014294	0.024561
	-0.013774	0.036747	-0.012591	-0.032310	-0.024274	-0.040276
	-0.033541	0.052496	0.003940	-0.021604	0.025126	0.035182
	-0.002893	-0.005437	0.010734	-0.010093	0.014711	0.015588
	0.047715	-0.010812	0.002935	0.026492	-0.042195	-0.020067
	0.051148					
y174	-0.013518	0.000321	-0.013764	-0.039822	0.003537	-0.069904
	0.007989	0.023992	0.006359	0.031540	-0.024741	0.027492
	-0.002994	-0.028833	0.024646	0.013837	-0.021705	-0.002634
	-0.010196	-0.023783	-0.002455	0.055046	0.003962	0.025504
	0.010037	-0.005107	0.005026	0.023274	0.037298	0.008970
	-0.032713					

z174	0.032080	0.017611	0.008434	0.025799	0.030556	-0.014751
	0.026367	0.044389	0.006066	-0.008822	-0.011338	-0.021531
	-0.047212	-0.020013	0.004933	0.039193	0.022228	-0.016203
	-0.022657	0.001058	0.054568	-0.008620	0.019991	-0.032443
	0.001425	-0.048150	-0.011726	-0.001097	0.005673	0.089974
	0.041865					
x175	0.023991	0.019020	0.041874	0.010058	-0.012065	0.011474
	-0.010940	0.035178	-0.016653	-0.033409	-0.003119	-0.038667
	-0.029965	0.048084	-0.007108	-0.007050	0.022188	0.017415
	-0.003262	-0.011147	0.039703	-0.011507	0.013680	0.018542
	0.033457	-0.002660	0.005853	0.006906	-0.056669	-0.022456
	0.035603					
y175	-0.006392	-0.007319	-0.019745	-0.034447	0.015914	-0.059752
	0.010925	0.019328	0.005754	0.031478	-0.021337	0.030288
	-0.011761	-0.032734	0.021912	0.018503	-0.014845	-0.012541
	-0.012085	-0.032121	-0.002512	0.056549	0.018832	0.022725
	0.006913	0.000357	0.005190	0.012153	0.035333	0.034389
	-0.010580					
z175	0.026104	0.016574	0.011190	0.024100	0.029938	-0.014682
	0.028603	0.053513	0.002159	-0.017056	-0.009043	-0.019040
	-0.059740	-0.006120	0.015770	0.033321	0.026738	-0.028670
	-0.033719	-0.001998	0.067429	-0.003906	0.021551	-0.031094
	0.019279	-0.020286	-0.012390	-0.002757	-0.002805	0.058870
	0.037712					
x176	0.018565	0.017750	0.043723	0.009326	-0.009072	-0.000160
	-0.005103	0.041247	-0.015885	-0.037052	0.004569	-0.034280
	-0.021744	0.040539	-0.007578	0.004573	0.024118	0.006518
	-0.019592	0.003183	0.057483	0.005669	0.013516	0.015292
	0.037960	-0.007680	-0.007710	-0.015385	-0.032079	-0.020068
	0.028742					
y176	-0.003041	-0.013218	-0.026100	-0.030413	0.016367	-0.048764
	0.011190	0.007584	0.005986	0.035914	-0.030096	0.037221
	-0.014477	-0.025183	0.010116	0.012831	-0.007285	-0.006746
	-0.002537	-0.015612	-0.001736	0.046061	0.015024	0.014674
	0.005029	-0.000400	0.002468	0.009301	0.030800	0.033464
	0.008979					
z176	0.024330	0.012671	0.013791	0.027354	0.028821	-0.011837
	0.024894	0.055221	-0.001639	-0.016752	0.007320	-0.021928
	-0.057227	-0.006538	0.019632	0.030739	0.023379	-0.031650
	-0.040461	0.007386	0.085310	0.001286	0.016113	-0.026395
	0.015440	-0.005560	-0.017521	0.011503	-0.011669	0.027272
	0.020348					

x177	0.012576	0.019273	0.042458	0.003652	-0.013044	-0.006150
	-0.003254	0.035017	-0.018544	-0.033017	0.003314	-0.032982
	-0.013290	0.037482	-0.009030	0.009823	0.021697	0.011404
	-0.022088	0.010156	0.041195	0.001678	-0.000600	0.022060
	0.043803	0.004172	-0.002506	-0.009284	-0.024778	-0.026486
	0.025961					
y177	-0.001844	-0.023367	-0.034477	-0.029002	0.013818	-0.042080
	0.009999	-0.009016	0.011406	0.038752	-0.042796	0.051565
	-0.017004	-0.025017	0.003048	0.012804	-0.006008	-0.007899
	-0.006954	-0.001212	0.003037	0.031181	-0.000087	0.007998
	0.005633	0.013774	-0.006511	0.013377	0.015257	0.035847
	0.003320					
z177	0.021634	0.008723	0.016598	0.026976	0.031230	-0.009581
	0.027565	0.056688	-0.006643	-0.020972	0.020419	-0.029329
	-0.058632	-0.007944	0.023219	0.033352	0.024740	-0.037312
	-0.046785	0.003601	0.089572	0.009042	0.014692	-0.031319
	0.002645	-0.008810	-0.014356	0.015479	-0.007342	0.010184
	0.007050					
x178	0.008365	0.016313	0.045399	-0.000097	-0.013411	-0.010779
	-0.003153	0.023813	-0.022217	-0.018537	0.004357	-0.024426
	-0.007882	0.034394	-0.007041	0.009151	0.017806	0.004614
	-0.031365	-0.012098	0.028856	-0.033204	-0.013167	0.023662
	0.031473	0.025458	0.002498	-0.005154	-0.042378	-0.012502
	0.017495					
y178	0.002101	-0.032781	-0.041679	-0.026807	0.013236	-0.038254
	0.002871	-0.016648	0.016390	0.040107	-0.055543	0.062270
	-0.016647	-0.025588	0.006027	0.009320	-0.015361	-0.012369
	-0.000593	0.009086	-0.000306	0.032706	-0.005903	-0.016354
	0.001172	0.008786	-0.007565	0.013778	0.020492	0.047743
	0.001999					
z178	0.017237	0.004284	0.016663	0.023148	0.028763	-0.011064
	0.028825	0.052257	-0.011430	-0.024560	0.027829	-0.030455
	-0.055238	-0.005926	0.022765	0.040144	0.020991	-0.041105
	-0.056120	0.007883	0.093911	0.013134	0.007133	-0.032728
	-0.000322	-0.007378	-0.016190	0.016128	-0.010380	-0.003821
	0.001900					
x179	0.006393	0.015079	0.046528	-0.005789	-0.008761	-0.021072
	-0.003933	0.026603	-0.024050	-0.009756	0.003618	-0.020469
	-0.002197	0.028482	-0.003220	0.002668	0.013817	-0.008105
	-0.020089	-0.029629	0.009012	-0.021214	-0.006562	0.009429
	0.028852	0.020346	0.014128	-0.004527	-0.028331	-0.005863
	0.013478					

y179	0.010241	-0.035972	-0.046184	-0.027586	0.018751	-0.034034
	-0.000400	-0.018622	0.019753	0.031797	-0.060337	0.049970
	-0.007454	-0.024237	0.018581	0.007843	-0.010960	-0.016495
	0.002427	0.018499	-0.010259	0.051012	0.006023	-0.020354
	0.011692	0.001825	-0.012399	-0.010219	0.039613	0.032836
	0.009111					
z179	0.012835	-0.000153	0.016799	0.019303	0.026241	-0.013965
	0.029752	0.044731	-0.014159	-0.026857	0.032302	-0.028359
	-0.049000	-0.002350	0.023460	0.045944	0.016671	-0.049476
	-0.066856	0.008232	0.098009	0.007908	0.000040	-0.038886
	-0.003442	-0.002750	-0.024165	0.014952	-0.017003	-0.006875
	0.003512					
x180	0.001373	0.018178	0.044924	-0.011001	-0.008725	-0.029028
	0.005585	0.022806	-0.028291	-0.014283	0.004026	-0.019536
	0.001941	0.037293	-0.011920	0.015516	0.016896	-0.018035
	-0.013982	-0.017577	0.014344	-0.011166	-0.004333	-0.009646
	0.031970	-0.003350	0.002770	-0.033228	-0.015235	-0.007181
	0.008171					
y180	0.014401	-0.044479	-0.054324	-0.026657	0.019004	-0.018989
	-0.003808	-0.032926	0.027901	0.028752	-0.064044	0.049861
	-0.007296	-0.020716	0.018173	0.018009	-0.008284	-0.003589
	-0.003231	0.026080	-0.014547	0.035014	-0.015579	-0.024126
	0.000395	0.020537	-0.024794	-0.001729	0.028945	0.041719
	0.002073					
z180	0.009340	-0.004017	0.018886	0.015743	0.025577	-0.018799
	0.028465	0.041752	-0.017689	-0.028267	0.037008	-0.028610
	-0.040439	-0.001848	0.028664	0.045042	0.010470	-0.058183
	-0.075151	0.001714	0.096836	0.011268	-0.003928	-0.047640
	-0.003670	-0.000058	-0.028002	0.008541	-0.010261	-0.010717
	0.006927					
x181	-0.002929	0.012975	0.045495	-0.010832	-0.013449	-0.029517
	0.006241	0.010820	-0.025064	-0.006356	-0.003443	-0.006665
	0.001992	0.037928	-0.015363	0.018717	0.015133	-0.023184
	-0.024339	-0.013121	0.010441	-0.049172	-0.014644	-0.022242
	0.004465	0.003934	-0.006843	-0.031473	-0.025835	0.029986
	-0.019014					
y181	0.018138	-0.053214	-0.055781	-0.015437	0.013099	-0.000293
	-0.003668	-0.034172	0.034258	0.025740	-0.059302	0.046022
	-0.017450	-0.025459	0.013933	0.015449	-0.012724	-0.004992
	-0.011889	0.021389	0.007324	0.027298	-0.036004	-0.023770
	-0.027144	0.024351	-0.044611	-0.020747	0.060090	0.044422
	0.016003					

z181	0.006490	-0.009167	0.022364	0.013493	0.023354	-0.021000
	0.022698	0.037323	-0.017479	-0.027345	0.035185	-0.028224
	-0.028721	-0.004897	0.036466	0.033251	-0.003827	-0.062981
	-0.082046	-0.011831	0.088508	0.009101	-0.014091	-0.047730
	-0.013663	0.009518	-0.026508	0.019847	-0.013204	-0.008686
	0.010546					
x182	-0.003772	0.001507	0.038989	-0.014304	-0.015600	-0.026882
	0.004561	0.006862	-0.012412	0.006852	-0.009465	0.005000
	0.002315	0.019124	-0.011995	0.000722	0.012757	-0.023909
	-0.018331	-0.019602	-0.007877	-0.038330	-0.003807	-0.012840
	-0.016097	0.029260	0.018939	-0.001657	-0.018839	0.041010
	0.004750					
y182	0.026759	-0.054472	-0.061598	-0.013272	0.015396	0.003895
	-0.008861	-0.024632	0.028642	0.016420	-0.055848	0.036983
	-0.016310	-0.027798	0.014264	0.004038	-0.018823	-0.002665
	-0.019350	0.012167	0.006324	0.039153	-0.028441	-0.008503
	-0.021940	0.018949	-0.056580	-0.019872	0.050318	0.010904
	0.016234					
z182	0.004672	-0.013335	0.028985	0.010717	0.019682	-0.022598
	0.020378	0.034002	-0.017906	-0.026767	0.031868	-0.028073
	-0.018036	-0.004665	0.040704	0.020103	-0.013943	-0.066966
	-0.085652	-0.021997	0.079418	-0.000856	-0.014697	-0.054768
	-0.028376	0.010380	-0.028038	0.019364	-0.000952	0.011474
	0.011740					
x183	-0.002677	-0.000810	0.031877	-0.020626	-0.012183	-0.024582
	0.008993	0.006270	-0.016340	0.002120	-0.016318	0.006038
	0.005057	0.015094	-0.018310	-0.004432	0.013958	-0.016812
	-0.012826	0.003238	-0.004076	-0.018198	-0.002285	-0.005429
	-0.009284	0.028196	0.010423	0.001343	-0.021361	0.012772
	0.014255					
y183	0.035783	-0.055135	-0.067877	-0.019193	0.013287	0.009303
	-0.008542	-0.035662	0.025076	0.004461	-0.046271	0.029336
	0.001960	-0.012596	0.016920	0.014530	-0.005489	-0.001494
	-0.007638	0.026026	-0.003656	0.042279	-0.032268	-0.000278
	0.020464	-0.007808	-0.062354	-0.024321	0.013091	-0.006577
	0.034819					
z183	0.006416	-0.022162	0.035635	0.001060	0.018933	-0.025644
	0.018488	0.028240	-0.018446	-0.025998	0.030665	-0.029310
	-0.001174	-0.002361	0.049783	0.017950	-0.006989	-0.076359
	-0.092076	-0.024802	0.063170	-0.005274	-0.002440	-0.063223
	-0.028547	0.007427	-0.054910	0.004544	0.008127	0.033496
	-0.002864					

x184	-0.000807	-0.005517	0.026130	-0.028838	-0.005604	-0.018228
	0.011954	-0.002822	-0.011851	-0.002279	-0.016884	0.002274
	0.019814	0.022840	-0.008149	0.014551	0.029362	-0.020534
	-0.010781	0.018402	-0.005822	-0.013191	-0.025398	-0.017149
	0.013661	0.021674	-0.026359	-0.022708	-0.034990	0.005907
	0.010066					
y184	0.043759	-0.053847	-0.066799	-0.004730	0.008334	0.022549
	-0.015202	-0.041180	0.025140	0.003406	-0.038480	0.025129
	-0.009478	-0.017045	0.034070	0.004908	-0.004421	0.000265
	-0.017137	0.017675	-0.008058	0.027929	-0.019828	-0.003986
	-0.001374	0.002785	-0.054667	0.006357	-0.018355	0.011098
	0.031338					
z184	0.006502	-0.024666	0.046905	-0.003190	0.006395	-0.032352
	0.014752	0.022193	-0.022035	-0.016635	0.026576	-0.009473
	-0.004372	-0.008978	0.053992	-0.015074	-0.011922	-0.092152
	-0.094066	-0.022979	0.067273	-0.014339	-0.004570	-0.063473
	-0.023912	0.011203	-0.053128	0.013446	-0.011289	0.056470
	-0.011606					
x185	-0.001243	-0.008703	0.024703	-0.021397	-0.004774	-0.010067
	0.010382	-0.002274	-0.009475	-0.000311	-0.024342	0.002896
	0.010224	0.024431	0.001033	0.026531	0.021058	-0.010105
	-0.024047	-0.016860	-0.011857	-0.024755	-0.032461	-0.024201
	-0.012579	0.040666	-0.031583	-0.024152	-0.054378	0.027318
	-0.002478					
y185	0.046070	-0.051222	-0.070381	0.006957	0.005483	0.032535
	-0.020694	-0.033425	0.022153	0.002989	-0.031012	0.025994
	-0.034428	-0.027022	0.038830	-0.013374	-0.004137	0.004854
	-0.014571	0.015262	0.000559	0.054388	-0.022364	0.009928
	-0.003866	-0.001425	-0.048162	0.003758	0.036284	0.009346
	0.038693					
z185	0.002385	-0.024849	0.048256	-0.005002	0.004091	-0.039539
	0.009308	0.016865	-0.032819	-0.015776	0.027061	0.026923
	-0.018991	-0.015543	0.030780	-0.051645	-0.030787	-0.105700
	-0.078894	-0.013878	0.071429	0.024234	-0.014958	-0.046924
	-0.002601	0.004031	-0.006591	0.024997	-0.006914	0.054051
	0.021917					
x186	-0.001025	-0.005698	0.013133	-0.024931	-0.004585	-0.018056
	0.013715	0.003930	-0.011724	-0.005376	-0.040619	0.007060
	0.004928	0.023580	-0.006883	0.024470	0.005714	0.004190
	-0.000673	-0.015684	-0.003166	-0.003040	-0.031686	-0.018622
	-0.014869	0.015138	-0.029394	-0.024725	-0.032576	0.011923
	0.013947					

y186	0.053302	-0.045146	-0.072425	0.012777	0.004813	0.040611
	-0.022503	-0.015034	0.013641	0.000516	-0.020305	0.017933
	-0.057647	-0.027042	0.046289	-0.018440	-0.008354	0.006825
	0.001814	-0.003787	0.020162	0.070197	-0.043259	0.028128
	0.000613	-0.019986	-0.065691	0.014272	0.053269	0.015532
	0.069100					
z186	0.000677	-0.027529	0.048947	-0.007427	0.011697	-0.039142
	0.005218	0.016391	-0.040453	-0.022458	0.026215	0.027108
	-0.022502	-0.022108	0.011375	-0.061604	-0.033933	-0.091555
	-0.061307	-0.015454	0.059379	0.061858	-0.006173	-0.030089
	0.009185	0.004477	0.021236	0.014738	0.021978	0.052501
	0.035538					
x187	-0.005348	-0.002804	-0.003396	-0.025268	-0.010245	-0.020718
	0.019256	0.009674	0.003410	-0.006044	-0.038630	0.003975
	0.011376	0.019081	-0.010993	0.010926	0.015400	0.020761
	0.010211	0.020073	0.008459	0.011373	-0.030026	0.004107
	-0.005129	-0.007877	-0.026743	-0.019131	0.011885	-0.026737
	0.012773					
y187	0.057960	-0.044968	-0.081791	0.008584	-0.007081	0.046982
	-0.022976	-0.039393	0.005208	0.009428	-0.016895	0.035935
	-0.062339	-0.011233	0.045744	0.001357	-0.004793	0.008468
	-0.005059	-0.018858	0.008407	0.021494	-0.043358	0.015682
	-0.004632	0.014819	-0.068996	0.021671	0.034305	0.044617
	0.043682					
z187	0.000076	-0.034919	0.047608	-0.011031	0.013320	-0.035496
	-0.001744	0.002290	-0.038360	-0.020314	0.029121	0.029530
	-0.020568	-0.032712	0.003331	-0.068742	-0.027646	-0.075110
	-0.063866	-0.010291	0.052983	0.055441	-0.000382	-0.017082
	0.015273	0.028214	0.027321	0.011697	0.018118	0.064711
	0.026400					
x188	-0.007037	-0.009628	-0.011476	-0.006034	-0.021041	-0.001978
	0.009273	-0.006524	0.023970	0.021218	-0.037819	0.018941
	-0.000731	-0.001636	-0.006227	-0.001106	-0.002929	0.029133
	-0.006636	0.009528	0.022142	-0.048252	-0.047276	0.025490
	-0.057408	0.044963	-0.022348	0.029421	-0.019817	0.006499
	-0.010404					
y188	0.056453	-0.044169	-0.095068	-0.007994	-0.015336	0.041319
	-0.016252	-0.068874	-0.003984	0.005188	-0.014636	0.053676
	-0.055553	0.016015	0.036758	0.042507	0.013288	0.016993
	-0.000787	0.006701	-0.002319	0.004875	-0.036480	0.003617
	0.025050	0.013833	-0.068638	0.023921	0.039974	0.053256
	0.000741					

z188	0.006035	-0.045155	0.050136	-0.019645	0.013673	-0.032222
	-0.013134	-0.020351	-0.033388	-0.013275	0.028542	0.033770
	-0.001932	-0.037774	0.006976	-0.060682	-0.020681	-0.059365
	-0.067216	-0.011623	0.039299	0.020137	0.009734	-0.007434
	0.027332	0.060460	0.022560	0.003696	-0.010079	0.086337
	0.003919					
x189	0.008600	-0.000342	-0.018301	-0.030486	-0.013805	-0.014695
	0.023929	-0.009690	0.006410	0.003909	-0.037490	0.017122
	0.032100	0.028714	0.033769	0.049052	0.028818	0.008041
	0.028042	0.042261	0.005137	-0.026865	-0.013753	0.004617
	0.013284	-0.013179	-0.050833	-0.011589	0.004329	-0.023678
	-0.022050					
y189	0.062206	-0.034290	-0.099711	-0.009845	-0.008806	0.026565
	-0.009244	-0.057251	-0.018690	-0.008597	0.007102	0.034131
	-0.041004	0.023178	0.040141	0.050744	0.032049	0.008039
	0.011935	0.028300	-0.000131	0.061377	-0.032219	-0.001174
	0.078222	-0.017741	-0.052838	-0.021922	0.064210	0.012527
	0.017553					
z189	0.017360	-0.045789	0.048318	-0.045561	0.023430	-0.048503
	-0.009500	-0.022737	-0.040160	-0.032925	0.024653	0.020809
	0.033942	-0.018594	0.017017	-0.037081	0.005791	-0.053248
	-0.039547	0.017896	0.032881	0.054559	0.039935	-0.019347
	0.088113	0.021173	-0.002839	-0.043727	0.017526	0.050158
	-0.000823					
x190	0.003132	0.003997	-0.025369	-0.029093	-0.018747	-0.007409
	0.025649	-0.012686	0.000500	0.013555	-0.037391	0.015216
	0.017981	0.041451	0.038857	0.066180	0.031341	0.001332
	0.030431	0.029812	-0.017559	-0.047493	-0.021104	0.005408
	0.030619	-0.008651	-0.034874	-0.009972	0.007853	0.001798
	-0.033704					
y190	0.058987	-0.045428	-0.100558	0.023088	-0.038135	0.038163
	-0.020233	-0.056482	-0.018496	0.015576	0.024394	0.056328
	-0.081717	-0.012897	0.072541	0.005214	0.005284	0.019335
	0.003618	0.007681	0.040603	-0.011845	-0.061246	0.030651
	0.004777	0.032797	-0.015624	0.029617	0.023251	0.011410
	-0.005944					
z190	0.015901	-0.051478	0.048958	-0.039197	0.020765	-0.042847
	-0.014983	-0.011756	-0.034920	-0.035626	0.019915	0.024408
	0.027059	-0.037546	0.023658	-0.063960	-0.003581	-0.019988
	-0.034510	-0.001468	0.055416	0.055276	0.030724	0.010448
	0.049558	0.028960	-0.001378	-0.028648	0.009764	0.042889
	-0.009678					

x191	-0.009220	0.008077	-0.036081	-0.004448	-0.019125	0.006830
	0.020805	-0.007800	0.007359	0.036049	-0.030639	0.003682
	-0.020847	0.032898	0.008327	0.059154	0.013103	0.010183
	0.011272	0.007435	-0.022511	-0.058687	-0.029924	0.019754
	0.008414	0.014843	0.009419	0.012370	0.012754	0.022294
	-0.021124					
y191	0.063043	-0.036648	-0.094357	0.016701	-0.036367	0.024335
	-0.011608	-0.044406	-0.032604	0.001010	0.039298	0.042422
	-0.079595	-0.007123	0.077786	0.012767	0.010671	0.016584
	0.008134	-0.001210	0.050352	0.023393	-0.037815	0.036990
	0.022835	-0.013431	-0.025523	0.028782	0.048496	-0.026415
	0.006453					
z191	0.013382	-0.052737	0.050060	-0.027768	0.021462	-0.038465
	-0.020648	0.001639	-0.023767	-0.035059	0.014165	0.020287
	0.017129	-0.062649	0.018523	-0.096273	-0.016195	0.018333
	-0.029684	-0.015673	0.081550	0.061544	0.020605	0.047345
	0.008008	0.040735	-0.001285	-0.015549	0.014513	0.035720
	-0.022332					
x192	-0.018825	0.017903	-0.044069	0.013364	-0.023066	0.022308
	0.019201	-0.006841	0.011163	0.054744	-0.009571	-0.002910
	-0.051266	0.024316	-0.000939	0.050358	0.002772	0.004178
	-0.008369	-0.003265	-0.039995	-0.064409	-0.034491	0.036924
	0.000652	0.030000	0.032364	0.048400	0.001053	0.021895
	0.003677					
y192	0.058875	-0.033469	-0.094309	0.007377	-0.034023	0.007637
	0.001642	-0.059766	-0.030213	-0.003402	0.041056	0.040799
	-0.059140	-0.001925	0.055885	0.037266	0.018567	0.025306
	0.025493	0.002223	0.050908	0.011325	-0.027251	0.050706
	0.038880	-0.015948	-0.029166	0.003988	0.048250	-0.040205
	-0.005809					
z192	0.016888	-0.053795	0.049240	-0.044142	0.020777	-0.041828
	-0.021122	-0.005421	-0.022980	-0.044334	0.006757	0.008814
	0.039164	-0.057961	0.024828	-0.086246	-0.001598	0.042872
	-0.024326	-0.010314	0.080245	0.056568	0.021279	0.059190
	0.016304	0.020649	-0.024985	-0.008316	-0.005057	0.002406
	-0.041782					
x193	-0.019289	0.033438	-0.046333	0.005933	-0.021880	0.019730
	0.029512	-0.008820	0.008116	0.048025	0.005230	-0.026642
	-0.040379	0.049762	-0.000299	0.048088	0.020199	-0.025250
	-0.018966	0.015274	-0.064758	-0.034891	-0.017649	0.024679
	0.020226	0.008898	0.013034	0.038135	-0.012029	-0.005936
	-0.003920					

y193	0.050745	-0.022050	-0.089741	-0.010360	-0.035491	-0.007394
	0.011580	-0.078920	-0.041239	-0.008643	0.042826	0.020239
	-0.044769	0.008239	0.043155	0.041109	0.041438	0.037904
	0.015749	-0.003661	0.035101	-0.013115	-0.003110	0.043755
	0.089157	-0.006110	-0.011154	0.004986	0.017771	-0.071483
	0.001040					
z193	0.022809	-0.056920	0.042417	-0.048357	0.011649	-0.040629
	-0.028470	-0.014712	-0.026442	-0.039697	-0.003504	0.023192
	0.030512	-0.057142	0.022544	-0.066683	-0.026248	0.072750
	-0.012381	-0.049114	0.057856	0.020308	0.021817	0.048823
	-0.014915	0.029375	-0.014247	0.007159	-0.006384	0.017064
	-0.033037					
x194	-0.020818	0.037526	-0.047966	0.015335	-0.018444	0.007430
	0.037894	-0.015399	0.006300	0.044392	0.008448	-0.031229
	-0.044588	0.051645	-0.007136	0.027411	0.039204	-0.054789
	-0.002669	-0.005403	-0.059028	-0.028423	-0.002813	-0.012211
	0.007251	-0.022759	0.021654	0.028655	0.016422	-0.007566
	-0.010236					
y194	0.040055	-0.014867	-0.084368	-0.008739	-0.035321	-0.004220
	0.014951	-0.087749	-0.047618	0.008998	0.051561	0.016111
	-0.032088	0.009227	0.033762	0.031125	0.037063	0.036002
	-0.013252	-0.044761	0.028940	-0.041300	0.005689	0.041410
	0.093658	-0.005953	0.047517	0.034174	-0.039291	-0.090032
	0.040860					
z194	0.032059	-0.046354	0.033268	-0.052452	0.005796	-0.030811
	-0.025990	-0.010574	-0.039682	-0.036224	0.000888	0.025640
	0.040438	-0.037533	0.022664	-0.034964	-0.041512	0.086720
	-0.017965	-0.044295	0.026262	0.013118	0.013770	0.028449
	0.022105	0.041984	0.002285	-0.038377	-0.003381	0.015381
	-0.010000					
x195	-0.024817	0.039217	-0.051142	0.043357	-0.012509	0.015665
	0.036345	-0.026531	0.017491	0.055248	0.017947	-0.016746
	-0.063851	0.031297	-0.008270	-0.004177	0.041593	-0.061903
	-0.005811	-0.044830	-0.042795	-0.026828	-0.000899	-0.032241
	-0.039756	-0.032411	0.049728	0.047087	0.033587	0.011624
	0.000772					
y195	0.039197	-0.012141	-0.073195	-0.010881	-0.031178	0.002818
	0.007786	-0.103006	-0.045184	0.025634	0.060121	0.024807
	-0.014281	0.015313	0.019135	0.034791	0.017575	0.038823
	-0.033683	-0.083227	0.000755	-0.060417	-0.002285	0.026184
	0.067217	0.002381	0.066090	0.014439	-0.063972	-0.036684
	0.039015					

z195	0.035515	-0.035309	0.022840	-0.047034	-0.005999	-0.010395
	-0.019759	-0.012314	-0.049112	-0.036379	0.005255	0.023364
	0.042014	-0.028913	0.026954	-0.023185	-0.040099	0.098128
	-0.037737	-0.055727	0.040550	-0.001717	-0.008724	0.038408
	0.023706	0.045425	-0.002026	-0.018088	-0.034387	-0.004254
	0.020591					
x196	-0.036416	0.038418	-0.051525	0.059394	-0.008819	0.017208
	0.025810	-0.038677	0.033209	0.074861	0.028908	-0.008625
	-0.085210	0.006933	-0.008045	-0.027476	0.028111	-0.060385
	-0.019689	-0.054608	-0.030051	-0.010916	0.008288	-0.022196
	-0.057479	-0.050143	0.054695	0.074690	0.053249	0.047200
	-0.006004					
y196	0.038997	-0.011702	-0.056515	-0.021720	-0.023362	-0.002777
	-0.001122	-0.097908	-0.051936	0.033467	0.069464	0.023572
	-0.001971	0.000221	0.008497	0.031198	0.011712	0.039579
	-0.019113	-0.077331	-0.000297	-0.050397	0.010154	0.024915
	0.039436	-0.016472	0.035194	0.005806	-0.044402	0.027907
	0.014846					
z196	0.032956	-0.024126	0.011316	-0.050255	-0.020599	0.009158
	-0.013924	-0.026726	-0.050935	-0.032301	-0.002129	0.027755
	0.046861	-0.016080	0.015634	0.012404	-0.028790	0.095098
	-0.070977	-0.063377	0.028294	-0.005234	-0.011807	0.044514
	0.028412	0.042271	-0.007563	0.011654	-0.061672	0.003490
	0.021887					
x197	-0.046562	0.037217	-0.047381	0.059468	-0.015589	0.015752
	0.015243	-0.041695	0.031604	0.079119	0.038603	0.002756
	-0.084759	-0.004502	-0.002214	-0.031576	0.019123	-0.036907
	0.002419	-0.041817	-0.014796	0.016111	0.023500	-0.004597
	-0.030267	-0.058171	0.046211	0.075691	0.057226	0.060325
	-0.017072					
y197	0.031566	-0.004715	-0.035848	-0.038095	-0.031612	-0.004999
	-0.001801	-0.076318	-0.061945	0.017817	0.071092	0.017726
	0.009846	-0.004277	-0.011174	0.032989	0.017973	0.054956
	0.018598	-0.059369	0.010178	-0.014324	0.030180	0.049594
	0.030578	-0.017590	0.009560	0.045627	-0.051109	0.051535
	0.007768					
z197	0.032931	-0.013271	-0.000170	-0.050329	-0.022045	0.020432
	-0.006406	-0.040769	-0.051387	-0.027584	-0.005164	0.024003
	0.049061	-0.009322	-0.009564	0.040411	-0.014212	0.081662
	-0.081845	-0.052738	0.022554	0.008299	0.018712	0.034190
	0.040676	0.012283	-0.005644	-0.003045	-0.071058	-0.003059
	0.011252					

x198	-0.047963	0.029156	-0.035077	0.064991	-0.019536	0.003040
	-0.005289	-0.050883	0.025623	0.081560	0.054566	0.005602
	-0.055211	-0.006846	-0.002795	-0.025654	0.003685	-0.003351
	0.038207	-0.019341	0.022604	0.028938	-0.011685	-0.012267
	-0.026856	-0.042051	0.042276	0.045186	0.019590	0.056358
	-0.003692					
y198	0.031177	-0.004768	-0.021288	-0.042431	-0.032368	-0.009768
	-0.008149	-0.075779	-0.058506	0.004999	0.070898	0.008005
	0.040818	-0.007908	-0.031940	0.055492	0.007558	0.064281
	0.031890	-0.043871	0.043129	-0.005000	-0.003313	0.042905
	0.001435	-0.016275	0.005276	0.046474	-0.069529	0.036814
	0.001722					
z198	0.031611	-0.005866	-0.004452	-0.043769	-0.019517	0.023046
	-0.005431	-0.043731	-0.051722	-0.016592	0.011698	0.016611
	0.052725	-0.001757	-0.008853	0.043091	-0.001404	0.071139
	-0.068370	-0.040932	0.021825	0.011064	0.028577	-0.005296
	0.023949	-0.011972	0.005229	-0.009100	-0.079417	-0.037271
	0.007414					
x199	-0.057815	0.024389	-0.022636	0.069422	-0.035397	-0.003067
	-0.028022	-0.049175	0.027723	0.077746	0.057992	-0.004058
	-0.032144	-0.007844	0.002917	-0.042293	-0.018483	0.018319
	0.037157	-0.027701	0.047545	0.018359	-0.060443	0.004414
	-0.002594	-0.031641	0.050878	0.018518	-0.021311	0.048450
	0.023702					
y199	0.032287	-0.006100	-0.005684	-0.041883	-0.034119	-0.009718
	-0.014553	-0.063701	-0.052673	-0.007169	0.058825	-0.001656
	0.053026	-0.006866	-0.035746	0.053585	0.000642	0.052189
	0.025985	-0.050187	0.049923	-0.024466	-0.023884	0.044631
	-0.016693	-0.033473	-0.009204	0.025857	-0.088325	0.011945
	-0.020741					
z199	0.022226	-0.003215	-0.006514	-0.043108	-0.029018	0.021137
	-0.012411	-0.043944	-0.051117	-0.013290	0.038289	0.005359
	0.061034	0.003164	-0.007192	0.033959	0.013556	0.056593
	-0.058545	-0.034571	0.016106	0.011024	0.021270	-0.036764
	0.002325	-0.014983	0.013825	-0.007194	-0.081547	-0.055795
	0.011510					
x200	-0.070374	0.019935	-0.010758	0.072254	-0.055066	-0.013020
	-0.034340	-0.049651	0.026327	0.080883	0.050164	-0.007681
	-0.012198	0.002227	0.004945	-0.055940	-0.027596	0.040553
	0.010463	-0.037698	0.037870	0.021285	-0.131406	0.031742
	0.053172	-0.034231	0.050576	0.010399	-0.036068	0.010903
	0.026133					

y200	0.020257	-0.003094	0.008330	-0.045234	-0.038822	-0.011456
	-0.015783	-0.043994	-0.044223	-0.007326	0.052609	-0.018412
	0.049398	0.010231	-0.045016	0.025231	0.010208	0.042578
	-0.016614	-0.057451	0.013401	-0.030144	-0.054979	0.037797
	-0.020085	-0.048357	-0.029851	0.040557	-0.084968	-0.010838
	-0.050652					
z200	0.017135	-0.010655	-0.008288	-0.034639	-0.034613	0.003682
	-0.013342	-0.053482	-0.044957	-0.003342	0.062461	-0.005206
	0.080450	-0.002215	-0.050782	0.005803	0.030212	0.033795
	-0.060361	-0.017679	0.002735	0.040620	-0.020749	-0.062584
	-0.000601	-0.030875	0.041469	-0.034105	-0.057585	-0.070055
	-0.020931					
x201	-0.090301	0.011304	-0.007344	0.074626	-0.093335	-0.001835
	-0.038481	-0.036628	0.026781	0.070750	0.016384	0.016875
	-0.014362	0.012326	0.081269	-0.064191	-0.022343	0.049718
	0.009309	-0.029466	0.015367	-0.018679	-0.123519	0.044148
	0.053969	-0.046337	-0.000694	-0.015659	0.023782	-0.010390
	0.012957					
y201	0.014847	-0.005563	0.010689	-0.045997	-0.050237	-0.007259
	-0.013541	-0.022082	-0.039300	-0.023989	0.026794	-0.004806
	0.024681	0.027104	-0.019796	-0.000642	0.023540	0.009602
	-0.023842	-0.038509	0.001143	-0.075381	-0.057095	-0.008231
	-0.071609	-0.047789	-0.086270	0.067693	-0.076967	-0.001227
	-0.043832					
z201	0.005843	-0.022607	-0.010094	-0.026870	-0.052956	0.002526
	-0.016929	-0.056706	-0.052649	-0.015733	0.074400	0.007247
	0.075895	-0.015541	-0.054785	-0.022091	0.018245	0.007752
	-0.001644	-0.002792	0.002345	0.044359	-0.059908	-0.066034
	-0.035910	-0.081164	0.009917	-0.037476	-0.015789	-0.067383
	-0.060194					
x202	-0.102676	-0.002522	-0.001490	0.061499	-0.118980	0.019745
	-0.042005	-0.042396	0.008589	0.069677	-0.061852	0.033710
	-0.028788	0.027992	0.124279	-0.092180	-0.007491	0.041966
	-0.043359	-0.047947	-0.012648	-0.035650	-0.052281	0.021445
	0.020989	-0.015956	-0.006001	-0.052190	0.068979	0.003624
	0.009550					
y202	0.022276	-0.020980	0.010993	-0.053197	-0.032461	-0.012903
	-0.005026	-0.013846	-0.029895	-0.034464	0.023196	0.006802
	0.003449	0.036351	-0.017335	-0.056874	0.076309	-0.039577
	-0.031429	-0.042551	-0.044208	-0.055221	-0.024519	-0.114335
	-0.149133	-0.027495	-0.095945	0.041639	0.053612	0.033347
	-0.035384					

z202	-0.030625	-0.025437	-0.003351	-0.017136	-0.077686	0.032717
	-0.016386	-0.050954	-0.051352	-0.004566	0.037189	0.012707
	0.041118	0.002181	-0.045523	-0.082226	0.046279	0.001355
	0.018686	0.004839	-0.029361	-0.051094	-0.075594	-0.122887
	-0.110242	-0.122210	-0.067744	0.002500	0.048555	-0.014830
	-0.088942					
x203	-0.084664	-0.012459	-0.015130	0.052230	-0.115314	0.014147
	-0.030692	-0.043508	-0.005282	0.052384	-0.099816	-0.011296
	-0.042638	0.035029	0.125935	-0.099207	0.026902	0.001984
	-0.056453	-0.071357	-0.017547	-0.000644	0.007125	0.032062
	0.002312	0.056482	-0.016832	-0.041990	-0.023161	-0.044570
	0.041572					
y203	0.043284	-0.002451	0.018718	-0.071112	0.032710	-0.030451
	0.000808	-0.012057	-0.025806	-0.050195	0.061088	0.005388
	0.024190	0.023143	-0.072055	-0.036559	0.073119	-0.043085
	-0.037103	0.009259	-0.044528	-0.030151	-0.038075	-0.073432
	-0.050932	-0.007860	-0.000261	-0.008055	0.041819	-0.003776
	0.001655					
z203	-0.067345	-0.022583	0.002558	-0.018664	-0.084616	0.061051
	-0.020583	-0.045481	-0.016954	-0.009820	-0.049489	0.005490
	0.016991	0.029086	-0.040113	-0.148154	0.093738	-0.029467
	-0.022633	-0.021821	-0.055980	-0.042652	-0.001753	-0.135394
	-0.088809	-0.079252	-0.002818	-0.001786	0.069047	-0.029933
	0.008876					
x204	-0.058340	-0.020314	-0.013149	0.054205	-0.095013	0.012925
	-0.018136	-0.015152	-0.008422	0.053557	-0.104225	-0.012613
	-0.053469	0.015842	0.107089	-0.027004	0.010621	0.017573
	-0.016216	-0.025782	0.027311	0.004691	0.045834	0.023932
	-0.004233	0.042370	-0.028912	-0.050984	-0.044162	-0.027514
	-0.004286					
y204	0.061505	0.017309	0.032766	-0.083913	0.077762	-0.034185
	0.003620	0.010146	-0.027850	-0.049077	0.077951	0.037430
	0.025619	-0.000507	-0.086802	0.025555	0.041976	-0.015229
	-0.009527	0.087678	-0.007053	-0.018587	-0.060947	-0.054033
	-0.000644	-0.054524	0.025722	0.017728	0.022025	0.030901
	-0.013159					
z204	-0.077202	-0.020959	0.010636	-0.015452	-0.086060	0.085406
	-0.017911	-0.038251	-0.005377	-0.034198	-0.113864	0.013532
	0.006400	0.050298	-0.036812	-0.141761	0.089698	-0.031208
	-0.041477	-0.023523	-0.041586	-0.037392	0.053852	-0.074123
	-0.034845	-0.037367	0.031677	-0.019260	0.022749	-0.079958
	0.065735					

x205	-0.038242	-0.021162	-0.006317	0.048241	-0.073165	0.005558
	-0.013153	0.022197	-0.002001	0.061190	-0.080383	-0.026698
	-0.049591	-0.009017	0.057949	-0.003012	-0.002990	0.011636
	-0.002705	0.012224	0.006776	0.017306	0.059480	-0.020008
	0.019871	0.003963	-0.020672	-0.071787	-0.026480	0.020038
	-0.035492					
y205	0.069602	0.037162	0.047127	-0.094455	0.109125	-0.032176
	0.000166	0.008965	-0.026943	-0.047442	0.080458	0.053622
	0.037081	-0.010826	-0.090254	0.029379	0.035434	-0.019661
	-0.001433	0.109943	-0.018991	-0.004698	-0.078090	-0.048352
	0.046164	-0.044478	0.046260	0.035112	0.022774	0.028377
	0.020904					
z205	-0.068758	-0.025724	0.023990	-0.011929	-0.109612	0.109707
	-0.011958	-0.012508	0.002598	-0.075630	-0.138021	0.034411
	-0.033338	0.043712	-0.025045	-0.082162	0.071513	-0.009781
	-0.014673	0.013396	-0.009872	-0.021034	0.052375	-0.012659
	-0.017615	-0.047972	0.023005	-0.019483	-0.006039	-0.033248
	0.022732					
x206	-0.019175	-0.026455	-0.000544	0.033050	-0.046762	-0.011248
	-0.009059	0.038444	-0.003698	0.058272	-0.054494	-0.027644
	-0.018120	-0.027632	0.052943	-0.016611	-0.009953	-0.004658
	0.027189	-0.017546	-0.011186	0.022800	0.040231	-0.056893
	0.008760	0.004390	-0.006352	-0.041719	-0.003466	0.013309
	-0.027886					
y206	0.072638	0.053924	0.055544	-0.105197	0.126557	-0.029742
	-0.002219	-0.020962	-0.022971	-0.041881	0.092307	0.057136
	0.053874	-0.014884	-0.072818	0.003689	0.026488	-0.025008
	-0.005926	0.083637	-0.024544	-0.011626	-0.100358	-0.011674
	0.042688	-0.004638	0.057532	0.054052	0.006959	-0.023230
	0.039445					
z206	-0.068212	-0.015849	0.030890	-0.007566	-0.114488	0.099866
	-0.017143	0.016409	0.010012	-0.094738	-0.125707	0.045724
	-0.049711	0.031463	-0.050245	-0.067315	0.035769	0.008189
	-0.008912	0.035262	0.009788	0.007598	0.055544	0.006955
	0.027125	-0.074814	0.062961	-0.039137	-0.026293	0.010756
	-0.005454					
x207	-0.003884	-0.029839	0.005909	0.017541	-0.012591	-0.017797
	-0.004852	0.033663	-0.003916	0.063691	-0.031267	-0.030649
	0.023390	-0.036559	0.059302	-0.033718	-0.008522	-0.020972
	0.040861	-0.046118	-0.026661	0.019304	0.015875	-0.069246
	-0.005839	0.018972	0.008012	-0.015738	0.007042	-0.019387
	-0.006654					

y207	0.074936	0.072811	0.058392	-0.105570	0.127022	-0.023633
	0.000050	-0.048494	-0.022286	-0.024185	0.103212	0.051464
	0.054746	-0.006621	-0.052045	-0.012951	0.018075	-0.029676
	-0.023078	0.075431	-0.018749	-0.027934	-0.100315	0.017781
	0.024708	0.004411	0.037443	0.046577	-0.029212	-0.048309
	0.012898					
z207	-0.071882	-0.002423	0.025392	-0.013591	-0.096833	0.078305
	-0.027087	0.015166	0.015056	-0.085135	-0.095500	0.048741
	-0.062959	0.021362	-0.081688	-0.073703	-0.019886	0.008199
	-0.027745	0.008310	-0.008897	0.020888	0.054817	0.019203
	0.061652	-0.069078	0.090814	-0.027608	-0.054128	0.011094
	0.039868					
x208	0.014466	-0.027676	0.003388	0.008970	0.015176	-0.015774
	0.007846	0.014106	-0.000483	0.065603	-0.012000	-0.033231
	0.028941	-0.037498	0.069259	-0.017689	-0.021840	-0.022400
	0.041237	-0.035897	-0.014619	-0.004705	0.005557	-0.054376
	-0.017129	0.008624	-0.017795	-0.031938	-0.025144	-0.024864
	-0.010445					
y208	0.078283	0.093856	0.059778	-0.100770	0.114281	-0.014310
	0.007607	-0.065396	-0.025730	-0.001503	0.098251	0.040508
	0.034905	0.007261	-0.029684	-0.011220	0.013377	-0.038767
	-0.038922	0.084329	-0.004137	-0.035819	-0.072691	0.046468
	0.017245	-0.005738	-0.006884	0.025456	-0.062926	-0.034461
	-0.010896					
z208	-0.077871	0.006783	0.026190	-0.022549	-0.056153	0.050860
	-0.030452	0.022038	0.006776	-0.070719	-0.062841	0.049641
	-0.075282	0.019593	-0.109198	-0.060057	-0.028825	-0.008783
	-0.039722	-0.023003	-0.010538	0.033934	0.037446	0.028622
	0.066935	-0.037229	0.107653	-0.008082	-0.058873	-0.002440
	0.069737					
x209	0.032091	-0.022412	0.001299	0.003088	0.027451	-0.009420
	0.021197	-0.006800	0.008083	0.049894	0.009849	-0.028394
	0.011007	-0.033070	0.090140	0.001547	-0.025393	-0.010734
	0.021757	-0.015132	0.002651	-0.037355	-0.001609	-0.045517
	-0.023739	-0.013518	-0.037127	-0.071882	-0.051841	-0.022939
	-0.042367					
y209	0.077963	0.115350	0.067726	-0.095577	0.093362	-0.000942
	0.006768	-0.076128	-0.032856	0.022445	0.073168	0.024334
	0.010656	0.024984	-0.001565	-0.015809	0.017181	-0.044127
	-0.042363	0.076937	-0.010936	-0.017844	-0.027970	0.043791
	0.008244	-0.021359	-0.034584	0.003061	-0.045172	-0.001259
	-0.033352					

z209	-0.075525	0.012942	0.031484	-0.021956	-0.025861	0.028488
	-0.023599	0.023288	-0.014186	-0.053014	-0.047022	0.052002
	-0.076207	0.019044	-0.111522	-0.032241	-0.038453	-0.009440
	-0.023878	-0.020242	-0.005393	0.023993	0.004416	0.061836
	0.072026	0.013444	0.095312	0.044954	-0.084099	0.007944
	0.097858					
x210	0.045795	-0.016965	0.009780	-0.001189	0.050343	-0.011726
	0.020556	-0.006600	0.013173	0.034624	0.026024	-0.034214
	0.005609	-0.030633	0.094430	0.010628	-0.008544	-0.013333
	-0.002401	-0.012006	0.021290	-0.035172	-0.006652	-0.051406
	-0.015563	-0.035925	-0.029477	-0.100701	-0.041737	-0.023629
	-0.037907					
y210	0.072805	0.135134	0.077783	-0.090871	0.075518	0.009970
	-0.002375	-0.085806	-0.043257	0.051374	0.031428	-0.000585
	-0.013404	0.042680	0.020167	-0.025239	0.020698	-0.038539
	-0.024537	0.049692	-0.029683	0.026922	0.033293	0.028398
	-0.009029	-0.038728	-0.036305	-0.020658	0.009620	0.023170
	-0.033827					
z210	-0.063709	0.025161	0.034405	-0.021787	-0.019139	0.026935
	-0.003937	0.017308	-0.037674	-0.031918	-0.025261	0.036081
	-0.075636	0.015815	-0.096418	-0.015850	-0.033241	0.008418
	-0.005751	-0.024449	-0.020731	0.013864	-0.013012	0.061882
	0.049944	0.050320	0.032575	0.079043	-0.073798	0.029947
	0.076995					
x211	0.064631	-0.014312	0.026186	-0.001424	0.074781	-0.017470
	-0.014323	-0.006338	0.018740	0.031264	0.025732	-0.042454
	0.001988	-0.029942	0.110910	0.029310	0.000875	-0.036289
	-0.032299	-0.042128	0.059987	-0.043541	-0.007210	-0.020255
	-0.019507	-0.047315	-0.026652	-0.099378	-0.049372	-0.001776
	0.008616					
y211	0.062327	0.144661	0.084476	-0.082499	0.049196	0.025263
	-0.007873	-0.102870	-0.054396	0.088311	-0.027863	-0.015556
	-0.056677	0.044300	0.024215	-0.022276	0.005616	-0.013670
	0.011576	-0.001683	-0.034601	0.057548	0.094010	0.009410
	-0.038230	-0.016099	-0.031250	-0.033125	0.070189	0.009521
	-0.008990					
z211	-0.041870	0.059451	0.047585	-0.020191	-0.001556	0.029178
	0.007309	0.010724	-0.047774	0.007376	-0.004016	0.010987
	-0.061180	0.015261	-0.087315	-0.030428	-0.001730	0.014472
	-0.009874	-0.054765	-0.021256	0.039613	0.021005	0.055061
	-0.001550	0.026156	-0.046660	0.044092	-0.006997	0.104738
	0.040781					

x212	0.066220	-0.003490	0.028563	-0.021778	0.061140	-0.015597
	-0.039954	-0.037743	0.030584	0.015764	0.007658	-0.003838
	0.006577	-0.059285	0.107704	0.021366	0.018450	-0.012328
	-0.023058	-0.030002	0.097712	-0.019500	0.038190	-0.034122
	-0.017383	-0.046648	-0.070021	-0.068110	-0.030742	-0.001929
	0.011752					
y212	0.071670	0.123795	0.102703	-0.054529	0.026638	0.051193
	-0.027166	-0.105682	-0.055036	0.079003	-0.061387	-0.045626
	-0.065599	0.005943	0.052481	-0.031939	-0.034181	-0.002020
	0.052702	-0.028014	-0.072929	-0.002180	0.085461	-0.031712
	-0.064688	0.037523	0.040283	-0.022892	0.043730	-0.033373
	-0.018430					
z212	-0.029727	0.074810	0.048550	-0.019724	0.010304	0.033271
	0.020964	-0.022475	-0.050228	0.043211	-0.016510	0.002757
	-0.069592	0.003611	-0.100356	-0.020441	0.001771	0.008194
	0.003613	-0.019865	0.007926	0.040628	0.039758	0.017673
	-0.037474	0.070774	-0.040256	0.007511	0.018734	0.077914
	0.020947					
x213	0.055042	-0.010565	0.021074	-0.031525	0.022097	-0.013405
	-0.050354	-0.060053	0.035301	0.002937	-0.023502	0.010323
	0.026314	-0.052938	0.067675	0.017605	0.008419	0.005010
	-0.004696	0.000775	0.062058	0.013915	0.039079	-0.020364
	-0.047335	-0.051006	-0.019807	-0.038815	0.035144	-0.035757
	0.009503					
y213	0.074430	0.109791	0.112204	-0.042887	0.026680	0.060908
	-0.044214	-0.106607	-0.063444	0.060580	-0.061206	-0.062285
	-0.070642	-0.023570	0.075954	-0.041786	-0.037792	-0.020303
	0.057457	-0.013727	-0.090212	-0.018269	0.064106	-0.062319
	-0.057512	0.048343	0.047103	-0.006078	0.039386	-0.036447
	0.014371					
z213	-0.018750	0.079171	0.050117	-0.018147	0.001922	0.033502
	0.036818	-0.034660	-0.068891	0.048716	-0.035334	0.004745
	-0.061638	0.008852	-0.064851	-0.014809	-0.008239	0.020694
	0.035136	0.000061	-0.009329	0.030099	0.046548	0.000611
	-0.035862	0.113057	-0.001780	0.026694	0.037394	0.039097
	-0.033557					
x214	0.037648	-0.016389	0.010466	-0.033493	-0.010248	-0.018124
	-0.049832	-0.064608	0.045613	-0.007421	-0.043264	0.006410
	0.041178	-0.043979	0.003021	0.007083	-0.008562	0.007964
	-0.025736	0.026917	0.021697	0.037244	0.027218	-0.007378
	-0.059843	-0.028202	0.034486	-0.035100	0.083020	-0.041226
	0.010413					

y214	0.077117	0.090608	0.108790	-0.039426	0.025186	0.060749
	-0.053681	-0.104369	-0.055156	0.040073	-0.053568	-0.054828
	-0.080935	-0.049903	0.086143	-0.032990	-0.024728	-0.037778
	0.055785	-0.000678	-0.061559	-0.026601	0.057224	-0.087093
	-0.052065	0.042601	0.022001	-0.011285	0.026075	-0.027981
	0.032589					
z214	-0.010007	0.084034	0.051114	-0.010667	-0.002558	0.031565
	0.048022	-0.036178	-0.089633	0.042514	-0.052114	0.010929
	-0.043090	0.013650	-0.036307	-0.027182	-0.022937	0.030223
	0.043731	-0.013342	-0.039463	0.012708	0.023040	-0.011431
	-0.018187	0.123271	0.037176	0.060492	0.029197	0.022313
	-0.049606					
x215	0.022945	-0.016583	-0.001905	-0.030648	-0.030646	-0.022069
	-0.034629	-0.057789	0.052822	-0.015569	-0.050500	-0.007095
	0.049236	-0.033671	-0.046264	0.004467	-0.002977	0.005068
	-0.059624	0.044796	-0.005172	0.035487	0.017405	0.007471
	-0.061005	0.006099	0.071819	-0.014982	0.105742	-0.035230
	-0.004516					
y215	0.075872	0.072211	0.096981	-0.034310	0.016677	0.047522
	-0.054620	-0.097270	-0.039401	0.023245	-0.044086	-0.044979
	-0.086571	-0.062545	0.077271	-0.024512	-0.018170	-0.045119
	0.063992	0.018138	-0.014223	-0.019303	0.045102	-0.096455
	-0.036773	0.031619	0.000850	-0.007926	0.014157	-0.037216
	0.037392					
z215	0.000618	0.085867	0.048945	-0.005837	-0.001229	0.033958
	0.052468	-0.030299	-0.104870	0.018999	-0.065696	0.031753
	-0.021331	0.008763	-0.005271	-0.037553	-0.027419	0.031860
	0.055344	-0.044129	-0.064745	-0.000629	-0.006193	-0.023617
	-0.007124	0.091336	0.055563	0.083893	0.009403	0.022836
	-0.048684					
x216	0.023091	-0.017801	-0.003347	-0.028564	-0.041496	-0.026914
	-0.023189	-0.037984	0.054522	-0.033020	-0.054358	-0.018450
	0.047923	-0.019209	-0.044336	0.009909	0.016695	0.008394
	-0.076301	0.044655	-0.016830	0.022063	0.011311	-0.000798
	-0.071044	0.009067	0.088527	0.017261	0.148528	-0.037873
	-0.018137					
y216	0.073890	0.060084	0.081783	-0.028744	0.012362	0.024387
	-0.049157	-0.075804	-0.021380	0.008489	-0.032029	-0.041539
	-0.075373	-0.061657	0.059866	-0.021666	-0.005434	-0.052765
	0.067336	0.037827	0.031873	0.005799	0.043244	-0.093548
	-0.026782	0.004029	-0.000822	-0.001574	0.035408	-0.052617
	0.035291					

z216	0.004418	0.082124	0.037341	-0.001117	-0.001531	0.042586
	0.056865	-0.032504	-0.105551	-0.007598	-0.067435	0.052715
	-0.008651	-0.004138	-0.000769	-0.042211	-0.021800	0.040458
	0.064047	-0.059498	-0.072587	0.012075	-0.036815	-0.028885
	0.014713	0.055423	0.052716	0.084633	-0.031287	0.018449
	-0.047367					
x217	0.032995	-0.023083	0.006880	-0.027300	-0.056617	-0.023785
	-0.030517	-0.022632	0.063514	-0.033910	-0.045508	-0.030636
	0.047310	-0.001769	-0.028416	0.007724	0.025837	0.013599
	-0.095300	0.030815	-0.028943	-0.016620	0.003317	-0.018915
	-0.047147	0.035319	0.092834	0.037234	0.106084	-0.040048
	-0.013970					
y217	0.072288	0.044047	0.064943	-0.019301	0.005373	0.009232
	-0.047641	-0.058339	0.004149	0.003629	-0.017511	-0.027680
	-0.044296	-0.053732	0.042277	-0.019493	0.000672	-0.040428
	0.039218	0.050842	0.052896	-0.003226	0.040509	-0.082726
	-0.026876	0.004518	0.027354	0.017173	0.021344	-0.025633
	-0.009011					
z217	0.008469	0.075972	0.026784	0.002506	-0.005352	0.039664
	0.061480	-0.029439	-0.108190	-0.031251	-0.063430	0.076662
	-0.000476	-0.020299	0.028586	-0.035838	-0.006240	0.034674
	0.095209	-0.058835	-0.035204	0.031790	-0.053776	-0.021030
	0.017377	-0.000059	0.008996	0.083352	-0.058624	-0.022860
	-0.025187					
x218	0.042936	-0.028454	0.005954	-0.025101	-0.058908	-0.003193
	-0.016225	-0.003019	0.066078	-0.054950	-0.027987	-0.046501
	0.027131	0.013971	-0.028527	0.058786	0.040454	0.046378
	-0.049882	0.024438	0.015070	0.006552	0.015161	-0.027684
	-0.038653	0.064628	0.070674	0.080777	0.095771	-0.063554
	-0.010986					
y218	0.070404	0.027049	0.058053	-0.008354	-0.003583	-0.015423
	-0.045711	-0.019762	0.013727	-0.006676	0.005662	-0.030167
	-0.007428	-0.022209	0.019367	-0.013978	0.018156	-0.004890
	0.047758	0.082897	0.050802	0.028886	0.054930	-0.059759
	-0.031293	0.026722	-0.000493	-0.005444	0.028363	-0.054305
	0.013510					
z218	0.008157	0.062829	0.011318	0.007098	-0.011332	0.028375
	0.053468	-0.033054	-0.072351	-0.033203	-0.034763	0.085250
	0.033972	-0.027936	0.017052	-0.056928	0.043989	0.013472
	0.041680	-0.012948	-0.014345	0.025291	-0.056750	-0.018648
	0.031043	-0.007231	0.007684	0.063581	-0.094495	-0.052201
	-0.035745					

x219	0.090667	-0.013274	0.003507	0.011937	-0.003709	0.076526
	-0.029107	0.017614	0.080701	-0.062752	-0.029204	-0.058568
	0.026430	-0.067404	0.108186	0.034621	-0.058928	0.054225
	-0.031565	0.022997	0.035509	-0.016465	0.058367	-0.006956
	-0.018578	-0.089923	0.059221	0.090004	-0.013948	-0.007619
	-0.022645					
y219	0.051426	0.052997	0.071282	-0.045868	-0.036650	-0.105253
	-0.060203	-0.051393	-0.048014	0.028690	-0.053165	0.027754
	-0.006015	0.004023	-0.036648	-0.034325	-0.043684	-0.067400
	0.038483	-0.019525	0.071428	-0.001134	-0.029932	-0.076051
	-0.003576	0.013457	0.111819	-0.033996	0.024144	-0.058192
	0.015879					
z219	0.021415	0.064435	0.016564	0.036741	0.047379	0.092091
	0.054685	-0.018240	-0.034294	-0.042156	0.006646	0.003592
	0.001519	-0.064922	0.032892	-0.018145	0.054416	0.024540
	0.044285	-0.031551	-0.034082	0.057089	0.015720	-0.004888
	0.013808	0.005316	-0.026068	0.039661	-0.110630	-0.001983
	-0.045832					
x220	0.096469	-0.036098	-0.006616	0.056428	-0.034677	0.123049
	0.010989	-0.039410	0.050020	-0.050943	-0.050329	0.015994
	0.106238	-0.034674	0.020940	0.038588	-0.080291	-0.040247
	-0.020879	0.005963	-0.031937	0.003167	-0.046565	0.058646
	-0.015767	-0.043538	0.079917	0.077841	-0.090395	0.041215
	-0.156582					
y220	0.040912	0.015823	0.050937	-0.022713	-0.038831	-0.189972
	-0.067608	0.154827	-0.022848	0.021805	-0.032001	0.084844
	0.000641	0.090665	0.008105	-0.027049	0.130417	0.193844
	0.140355	0.030315	-0.087794	0.016134	-0.010077	0.039343
	0.045662	-0.094778	0.164759	-0.014557	0.066346	-0.054676
	0.020136					
z220	0.023895	0.094282	-0.078684	0.060710	0.050196	0.125588
	0.096000	-0.007713	0.040310	0.001518	-0.015902	-0.036262
	0.129924	-0.048259	-0.011706	-0.094293	0.053010	0.037011
	-0.024010	-0.038115	0.003831	0.000208	-0.004724	0.011247
	0.029361	0.019169	-0.103401	0.104253	0.076584	-0.124232
	0.056742					
x221	0.072010	-0.023026	-0.000338	0.059363	-0.024548	0.091133
	0.005387	-0.060614	0.009912	-0.035255	-0.055842	0.042381
	0.084261	-0.023497	-0.018978	0.044274	-0.124309	-0.029774
	0.043042	0.019009	0.025823	0.024562	0.022413	0.088601
	0.025383	0.015305	0.093401	-0.007471	-0.032822	-0.030858
	-0.031936					

y221	0.025738	0.043578	-0.030665	0.005991	-0.002138	-0.025303
	0.019971	0.018609	-0.010609	0.001186	-0.055119	0.037763
	-0.004830	0.024128	-0.054636	-0.061913	0.001558	0.004374
	0.004098	-0.023523	0.016234	0.047760	-0.128992	-0.042706
	-0.021028	0.017916	-0.018860	0.012042	-0.011114	0.107596
	0.062690					
z221	0.013225	0.064204	-0.045340	0.035336	0.025923	0.020012
	0.052872	0.032582	0.053438	0.021538	-0.032617	-0.016808
	0.073805	0.017569	-0.068356	-0.074351	0.057415	0.137123
	0.012374	0.008160	-0.029788	-0.013524	-0.033024	0.041642
	0.008114	-0.004399	-0.037215	0.025666	0.036289	-0.074443
	0.057132					
x222	0.084526	-0.023086	0.000127	0.055578	-0.020668	0.115969
	0.015869	-0.067205	0.007390	-0.055822	-0.025987	-0.004750
	0.044097	-0.035175	-0.021173	0.028465	-0.024465	-0.052783
	0.040640	0.034176	-0.021330	0.084181	-0.002342	0.048028
	0.007234	0.042838	0.010857	-0.041385	-0.011981	-0.006380
	-0.007429					
y222	0.001299	0.039612	-0.029360	-0.002619	0.007803	-0.035513
	0.024408	0.021403	0.014195	0.011122	-0.037079	0.015335
	0.005548	0.016913	-0.066352	-0.031875	0.032946	0.049179
	0.018485	0.021490	0.030366	0.052451	-0.071597	-0.018249
	-0.031769	0.014096	0.009440	-0.003750	0.031358	0.041169
	0.004613					
z222	0.029265	0.063144	-0.033521	0.039217	0.038243	0.022535
	0.046442	0.032729	0.060542	0.031581	-0.013405	-0.034152
	0.067522	0.004890	-0.043939	-0.059645	0.066596	0.097005
	0.022337	0.006069	-0.021974	-0.037055	-0.008967	0.043351
	0.018287	-0.021181	-0.049797	-0.037659	0.014076	-0.074520
	0.047915					
x223	0.094424	-0.019217	0.014156	0.049521	-0.016326	0.109242
	0.002208	-0.051984	0.002496	-0.044091	-0.018418	-0.019991
	0.040165	-0.036604	-0.012030	0.002409	-0.007783	-0.052683
	0.035019	0.018713	-0.052603	0.072043	-0.013350	0.039008
	0.010492	0.008774	0.003245	-0.054304	0.031283	-0.006948
	-0.004871					
y223	-0.005816	0.034170	-0.014224	-0.009103	0.006427	-0.045107
	0.005662	0.023253	0.024882	0.041098	-0.030890	0.014807
	0.017795	0.023680	-0.031662	-0.023337	0.008784	0.035777
	-0.000118	-0.017037	0.024382	-0.025026	-0.047352	0.004251
	-0.049091	0.021951	0.020023	-0.014353	-0.016185	0.038552
	-0.022000					

z223	0.039345	0.054320	-0.025223	0.042100	0.045285	0.020339
	0.035237	0.025914	0.066136	0.043702	-0.005321	-0.036371
	0.066231	-0.006478	-0.034051	-0.041308	0.054164	0.072752
	0.021767	-0.000632	-0.018426	-0.075544	-0.013591	0.040930
	0.021430	-0.026846	-0.019641	-0.068827	0.011274	-0.052824
	0.035329					
x224	0.087597	-0.023098	0.017582	0.044434	-0.021204	0.101862
	-0.005887	-0.051853	0.004687	-0.028232	-0.011808	-0.008234
	0.016612	-0.036876	-0.022466	-0.005688	0.000436	-0.033647
	0.025597	0.009314	-0.066566	0.035647	-0.033561	0.042147
	0.017709	0.006635	0.011172	-0.039620	0.045443	0.014934
	-0.013501					
y224	-0.013795	0.035617	-0.007346	-0.023030	0.012753	-0.056149
	0.005931	0.046345	0.026285	0.044962	-0.024356	0.004545
	0.023935	0.019638	0.000795	-0.019458	0.005995	0.022896
	-0.017125	-0.035929	0.034519	-0.039551	-0.012749	0.022879
	-0.029570	-0.001206	0.012856	-0.025733	-0.015208	0.025973
	-0.015524					
z224	0.031762	0.037930	-0.033474	0.043703	0.038048	0.013404
	0.031612	-0.001440	0.075177	0.049832	-0.008035	-0.010550
	0.039871	-0.009623	-0.067769	-0.025562	0.031670	0.080545
	0.033937	0.014524	-0.007543	-0.101310	-0.035062	0.044170
	-0.006671	0.001991	0.014510	-0.052472	0.003873	-0.035043
	0.011733					
x225	0.079348	-0.023368	0.018397	0.042251	-0.023774	0.086657
	-0.008075	-0.046684	0.003656	-0.020681	-0.003252	0.003197
	-0.005429	-0.023538	-0.018745	-0.000360	0.008350	-0.011097
	0.022608	0.008752	-0.068280	0.036360	-0.040576	0.026253
	0.027742	-0.001683	-0.019800	-0.015858	0.052881	0.014990
	-0.021935					
y225	-0.026049	0.032935	-0.012020	-0.033918	0.015352	-0.068235
	0.009849	0.056839	0.028182	0.039124	-0.022996	0.005362
	0.014885	0.021606	0.009577	-0.012759	0.008207	0.019109
	-0.025066	-0.031910	0.043761	-0.024525	0.003226	0.028094
	-0.011117	-0.010575	-0.013329	-0.024231	-0.011188	0.017857
	-0.010971					
z225	0.030278	0.028693	-0.030785	0.045252	0.030978	0.007784
	0.022512	-0.014736	0.076531	0.059708	-0.005676	0.002011
	0.031521	-0.003412	-0.058797	-0.014362	0.013868	0.074919
	0.033684	0.013007	-0.014296	-0.121290	-0.052223	0.024603
	-0.017278	0.023478	0.029119	-0.032823	-0.008520	-0.027284
	-0.008452					

x226	0.074804	-0.022473	0.019996	0.039731	-0.022799	0.074717
	-0.010180	-0.041654	0.000663	-0.014074	0.008063	0.016022
	-0.024173	-0.014164	-0.013697	0.010266	0.021362	-0.007007
	0.010668	0.001760	-0.055511	0.034530	-0.037932	0.012054
	0.041903	0.003341	-0.029918	-0.034865	0.058193	0.031702
	0.004207					
y226	-0.030159	0.030021	-0.013570	-0.038356	0.015228	-0.076783
	0.008437	0.055561	0.030055	0.039044	-0.023882	0.006894
	0.014070	0.021935	0.013003	-0.008358	0.004101	0.019215
	-0.027143	-0.020328	0.046378	-0.020646	0.015217	0.036144
	-0.002908	-0.014395	-0.013314	-0.026008	-0.019637	-0.011941
	-0.016851					
z226	0.031017	0.021658	-0.024085	0.039452	0.024513	0.010578
	0.011702	-0.017738	0.076197	0.065363	-0.002583	0.009227
	0.025104	-0.002620	-0.036129	-0.005820	0.008164	0.044577
	0.017992	0.008630	-0.016412	-0.148489	-0.070288	-0.004542
	-0.022969	0.046889	0.036028	-0.042628	-0.004956	0.009764
	0.010337					
x227	0.067224	-0.023426	0.022541	0.035942	-0.028723	0.068516
	-0.016321	-0.044569	-0.004644	-0.003411	0.011166	0.027127
	-0.032882	-0.006845	-0.008618	0.013693	0.029638	0.009632
	0.008115	-0.001833	-0.053710	-0.000732	-0.027779	0.019109
	0.046657	0.014643	-0.035540	-0.022291	0.029576	0.035650
	0.009425					
y227	-0.033624	0.028273	-0.013126	-0.045045	0.014277	-0.081345
	0.002127	0.061142	0.034796	0.037565	-0.021580	0.004120
	0.025476	0.018155	0.028706	-0.014657	-0.005536	0.011406
	-0.039944	-0.016699	0.039340	-0.018931	0.019388	0.037235
	0.009521	-0.011493	0.003186	-0.028404	-0.012648	-0.042854
	0.001607					
z227	0.035936	0.013927	-0.019571	0.034454	0.015658	0.007856
	0.011247	-0.023990	0.059968	0.065322	-0.002564	0.018035
	0.007547	-0.004926	-0.041484	-0.006782	0.018923	0.025858
	0.023716	0.024042	-0.032426	-0.156799	-0.051021	-0.000620
	-0.022008	0.049623	0.042466	-0.031801	-0.042527	0.036886
	-0.007773					
x228	0.055229	-0.025540	0.028772	0.030661	-0.038785	0.059048
	-0.019308	-0.044364	-0.006619	0.012340	0.013130	0.034050
	-0.044147	0.005597	-0.020125	-0.001518	0.038769	0.012678
	-0.009819	0.000992	-0.059228	-0.026954	-0.022032	0.027077
	0.047962	0.030481	-0.035959	0.003363	-0.018033	0.056261
	-0.003379					

y228	-0.037778	0.018180	-0.016704	-0.045660	0.000447	-0.082357
	-0.004176	0.050553	0.037026	0.040174	-0.028892	0.019320
	0.033376	0.009251	0.025150	-0.030218	-0.023090	0.001945
	-0.049871	-0.008798	0.022391	-0.046764	0.003476	0.038929
	0.004138	0.015828	0.027383	0.004484	-0.037787	-0.024098
	-0.003020					
z228	0.040760	0.010000	-0.012055	0.029266	0.009317	0.001272
	0.015503	-0.016516	0.043692	0.058793	0.001772	0.014818
	-0.007302	-0.005956	-0.036234	-0.015243	0.037234	0.006003
	0.023205	0.045284	-0.042952	-0.127484	-0.017616	0.001488
	-0.012008	0.035113	0.053619	-0.028652	-0.051016	0.043762
	-0.015919					
x229	0.057036	-0.016643	0.033073	0.025670	-0.035153	0.038848
	-0.023503	-0.016138	-0.017325	0.014582	0.018347	0.016239
	-0.042795	0.024894	-0.035895	-0.016267	0.031497	0.011567
	-0.012913	-0.004547	-0.040075	0.003294	-0.012700	0.016702
	0.043486	-0.005422	-0.036918	-0.029064	-0.004479	0.011931
	0.009365					
y229	-0.029430	0.011884	-0.019304	-0.044079	-0.003753	-0.090736
	0.002663	0.058683	0.025203	0.026604	-0.032658	0.018787
	0.043854	0.001287	0.021979	-0.035469	-0.024711	-0.003806
	-0.033831	-0.002630	0.020080	-0.030097	0.025334	0.056532
	0.013635	0.002088	0.041315	0.006153	-0.037590	-0.008475
	-0.002650					
z229	0.042640	0.009935	-0.013174	0.027578	0.005068	-0.008042
	0.020783	-0.001366	0.039118	0.039431	0.009537	0.000621
	0.002438	0.005935	-0.020456	-0.004232	0.035942	0.001233
	0.009364	0.076817	-0.038132	-0.082608	-0.006789	-0.015800
	0.011796	0.008770	0.051347	-0.042343	0.003861	0.011228
	-0.003054					
x230	0.052795	-0.013702	0.037244	0.020292	-0.039710	0.026399
	-0.019378	-0.004532	-0.026450	0.008317	0.022631	0.021967
	-0.047139	0.042138	-0.015210	-0.010781	0.017723	0.010896
	-0.006490	-0.033888	-0.021457	0.006525	-0.019288	0.024264
	0.025359	-0.017209	-0.042699	-0.023447	0.000694	-0.017182
	0.019820					
y230	-0.026653	0.005203	-0.024237	-0.045241	-0.007143	-0.085040
	0.005870	0.056768	0.025641	0.020499	-0.038673	0.016666
	0.055091	0.007550	0.042483	-0.017890	-0.028344	-0.001437
	-0.036908	-0.002379	0.005368	-0.019627	0.035603	0.066454
	0.019087	0.002339	0.046875	0.016639	-0.024023	-0.002132
	-0.002138					

z230	0.041908	0.002116	-0.014263	0.028767	0.003356	-0.017455
	0.026786	0.004164	0.039430	0.029617	0.009972	0.006672
	0.004622	0.012479	-0.012043	0.000509	0.016605	-0.006251
	-0.001383	0.081644	-0.027212	-0.051118	-0.005359	-0.003142
	0.020655	-0.004680	0.053601	-0.038406	-0.004390	0.007968
	-0.004655					
x231	0.046702	-0.009702	0.046592	0.018623	-0.038168	0.018176
	-0.019451	0.000538	-0.032505	0.006502	0.029800	0.011986
	-0.041340	0.046917	0.000264	-0.007602	0.023973	0.009621
	0.003065	-0.045154	-0.029406	0.008444	-0.012185	0.017939
	0.023104	-0.015318	-0.055489	-0.015646	-0.001555	-0.024101
	0.010456					
y231	-0.021596	0.000540	-0.022980	-0.043736	-0.002584	-0.073717
	0.001502	0.052823	0.037421	0.028125	-0.036477	0.010132
	0.059930	0.012704	0.052505	-0.006629	-0.024518	-0.012984
	-0.051402	0.002572	-0.018868	-0.032037	0.039947	0.062950
	0.023367	0.005786	0.047243	0.021444	-0.034761	0.002891
	-0.006083					
z231	0.038258	-0.011939	-0.021185	0.028091	-0.015366	-0.021894
	0.024544	0.008401	0.036084	0.019942	0.011920	0.011669
	0.007435	0.027590	-0.005607	0.010236	0.016026	-0.007204
	-0.011850	0.069632	-0.035225	-0.045701	-0.018158	-0.003632
	0.002491	0.004794	0.053351	-0.022337	-0.003736	0.000671
	-0.037303					
x232	0.034796	-0.003978	0.045740	0.016466	-0.027075	0.012133
	-0.014489	-0.000004	-0.032659	0.006081	0.027724	0.006037
	-0.055048	0.038636	-0.022887	0.003597	0.016386	0.035045
	0.025205	-0.026430	-0.003280	0.024952	-0.013893	0.011231
	0.016121	-0.005918	-0.066021	-0.015399	0.012588	-0.022968
	0.018476					
y232	-0.015100	-0.000230	-0.018288	-0.041729	0.011347	-0.058633
	-0.005472	0.046070	0.038562	0.028546	-0.035932	-0.004131
	0.051000	0.003921	0.061284	0.007290	-0.021283	-0.023521
	-0.039678	-0.001908	-0.029463	-0.039260	0.041392	0.049124
	0.023884	0.016187	0.049408	0.016799	-0.038522	0.004109
	-0.013357					
z232	0.026975	-0.018645	-0.034303	0.025786	-0.018979	-0.024477
	0.036118	0.008415	0.037194	0.007885	0.012795	0.012731
	-0.008462	0.031833	-0.017261	0.013215	0.012391	0.014428
	-0.013315	0.104115	-0.010418	0.001995	-0.025369	-0.007874
	-0.004262	0.007275	0.039839	-0.009993	0.021102	-0.005680
	-0.024977					

x233	0.026997	-0.004369	0.040153	0.011874	-0.029042	0.004850
	-0.006463	-0.000809	-0.033305	0.005219	0.020013	0.012225
	-0.067819	0.034758	-0.036629	0.014448	0.004282	0.038239
	0.021742	-0.024635	0.009810	0.029173	-0.021156	0.024170
	0.006808	-0.011560	-0.059718	-0.013415	0.019322	-0.018751
	0.007007					
y233	-0.020419	-0.005441	-0.033208	-0.041116	0.017369	-0.053871
	0.003635	0.036102	0.039842	0.012406	-0.054305	-0.005576
	0.032394	0.009142	0.033291	0.021423	-0.032138	-0.009908
	-0.027932	-0.003550	-0.028596	-0.010955	0.025723	0.052456
	0.015740	0.022258	0.045906	0.012335	-0.019964	0.027099
	-0.012963					
z233	0.031189	-0.018669	-0.020265	0.021982	-0.013268	-0.021323
	0.030038	0.012286	0.030079	0.018686	0.018224	-0.000601
	-0.018091	0.029650	0.002425	0.021421	-0.000613	-0.001691
	-0.008302	0.080835	-0.023015	-0.002015	-0.008754	-0.000571
	-0.011462	0.004370	0.043311	0.006115	0.001920	-0.026614
	-0.021639					
x234	0.023521	-0.003240	0.039415	0.009809	-0.035536	0.001952
	-0.007698	0.004234	-0.030912	0.010996	0.032883	0.017444
	-0.062304	0.030460	-0.033958	0.013880	0.014694	0.027210
	0.005664	-0.026709	0.018377	0.015609	-0.029509	0.007499
	0.000896	-0.004542	-0.053136	-0.006257	0.001241	-0.010864
	0.024763					
y234	-0.018476	-0.010000	-0.037302	-0.037511	0.018467	-0.046688
	0.003330	0.031948	0.043174	0.004554	-0.059045	-0.014150
	0.041402	0.013155	0.036859	0.013245	-0.025615	-0.005340
	-0.020788	0.012781	-0.039387	-0.000400	0.025602	0.050560
	0.021507	0.019639	0.049327	0.007496	0.000305	0.016051
	-0.005848					
z234	0.034805	-0.023856	-0.017337	0.018177	-0.015784	-0.021627
	0.027985	0.015769	0.023823	0.017421	0.024606	-0.007095
	-0.025686	0.033114	-0.001791	0.040043	-0.000624	-0.016042
	-0.007102	0.050306	-0.025651	-0.010771	-0.023243	-0.010440
	-0.018914	0.014568	0.036946	0.010783	-0.017437	-0.024083
	-0.025908					
x235	0.017195	-0.001395	0.044945	0.013249	-0.037640	-0.004753
	-0.000374	0.009307	-0.028030	0.018072	0.042146	0.014019
	-0.052386	0.017914	-0.027986	0.001550	0.010813	0.029145
	-0.006956	-0.013024	0.012438	0.018947	-0.008041	0.027405
	-0.004880	-0.007280	-0.044423	-0.002882	0.008679	-0.014659
	0.011774					

y235	-0.013065	-0.015034	-0.041927	-0.035495	0.019476	-0.037370
	0.000347	0.027077	0.049656	-0.001663	-0.054872	-0.020228
	0.035844	0.018170	0.035943	0.014667	-0.006298	-0.013925
	-0.022032	0.021741	-0.037835	0.000482	0.031880	0.040087
	0.020155	0.015914	0.046470	0.000011	-0.002140	0.004348
	0.002488					
z235	0.032521	-0.029304	-0.009691	0.022721	-0.014363	-0.015572
	0.040363	0.016728	0.021748	0.012884	0.037929	-0.023640
	-0.038416	0.019809	0.010285	0.039965	0.003093	-0.019139
	-0.013398	0.063393	-0.039327	0.012439	-0.007861	0.009877
	-0.028714	0.027622	0.007652	0.029411	-0.015076	-0.028745
	-0.047575					
x236	0.013226	0.001325	0.049230	0.012726	-0.037895	-0.016392
	0.000443	0.019953	-0.031445	0.022236	0.036091	0.016159
	-0.040692	0.013474	-0.032286	-0.000705	-0.003895	0.018179
	-0.014551	-0.036072	0.010562	0.018910	-0.004296	0.032056
	0.000472	-0.012025	-0.033256	-0.022102	0.015888	-0.015247
	0.002284					
y236	-0.006536	-0.019835	-0.044070	-0.035233	0.019617	-0.036351
	-0.000396	0.022096	0.041076	-0.014334	-0.070681	-0.023675
	0.030902	0.024297	0.033002	0.009085	-0.016872	-0.021255
	-0.011811	0.020250	-0.040719	-0.008439	0.025287	0.041377
	0.024412	0.007287	0.038926	0.000638	-0.003232	-0.002120
	-0.003103					
z236	0.030700	-0.033659	-0.004726	0.027345	-0.015710	-0.018548
	0.036859	0.032854	0.027808	0.015147	0.047796	-0.023323
	-0.024306	0.021420	0.012079	0.043135	0.006438	-0.021231
	-0.016786	0.049558	-0.032852	0.024914	-0.011818	0.002355
	-0.023624	0.026636	0.008533	0.019371	0.002737	-0.054234
	-0.038464					
x237	0.009576	0.004494	0.049074	0.008823	-0.035838	-0.020272
	0.002399	0.013801	-0.038205	0.020821	0.033768	0.016187
	-0.047625	0.010884	-0.007812	0.001988	-0.000098	0.011335
	-0.007868	-0.021902	0.020760	0.017766	-0.005409	0.026932
	-0.007220	-0.005283	-0.021612	-0.018673	0.003936	-0.023348
	0.021075					
y237	-0.000546	-0.023287	-0.042991	-0.041952	0.026728	-0.030580
	-0.002171	0.008246	0.033194	-0.021181	-0.078640	-0.026122
	0.025028	0.027102	0.030634	0.020362	-0.022314	-0.033587
	0.010797	0.028129	-0.047128	-0.015613	0.020337	0.011806
	0.037556	0.012603	0.025921	-0.014366	-0.011735	0.000262
	-0.005490					

z237	0.027665	-0.032447	-0.001837	0.024325	-0.017514	-0.028032
	0.035652	0.033344	0.018746	0.015424	0.036799	-0.021551
	-0.021444	0.036816	0.007251	0.043720	-0.003052	-0.018155
	-0.010065	0.037191	-0.033206	0.028118	-0.018131	0.007231
	-0.013613	-0.006116	0.009099	0.020491	0.005659	-0.064575
	-0.020070					
x238	0.005892	0.003475	0.043475	-0.003756	-0.032297	-0.028835
	0.010937	0.002643	-0.042908	0.019210	0.026976	0.021105
	-0.035309	0.021983	0.002956	0.018095	0.005173	-0.001434
	0.000759	-0.004395	0.006954	0.023758	0.000431	0.015115
	0.008755	0.007620	-0.008926	-0.023526	-0.008802	-0.026568
	0.025339					
y238	0.003960	-0.027822	-0.048464	-0.049383	0.027671	-0.017787
	-0.006280	-0.013260	0.041422	-0.023831	-0.086002	-0.030358
	0.022947	0.030748	0.002464	0.023230	-0.007031	-0.036598
	0.006358	0.038143	-0.057494	-0.026429	0.006570	-0.010276
	0.046091	0.021237	0.021098	0.003372	-0.031319	0.015086
	-0.000982					
z238	0.022666	-0.035708	0.008082	0.030208	-0.015167	-0.026689
	0.035567	0.030839	0.011086	0.018994	0.030008	-0.013207
	-0.032024	0.028581	0.024396	0.032924	0.000793	-0.023975
	0.005292	0.030685	-0.021889	0.045021	-0.022228	-0.003903
	-0.029016	0.012422	-0.009057	0.024638	0.027300	-0.058402
	-0.005277					
x239	0.003339	0.002284	0.038140	-0.011780	-0.028575	-0.036535
	0.012692	-0.003647	-0.042189	0.022596	0.011296	0.015776
	-0.006532	0.037168	-0.004025	0.037568	0.011265	-0.006789
	-0.006331	-0.015098	-0.013840	0.004099	-0.012750	0.006961
	0.019784	0.016543	-0.014002	-0.022158	-0.007537	-0.004610
	0.015301					
y239	0.013512	-0.032503	-0.050458	-0.045540	0.027966	-0.003396
	-0.007961	-0.011257	0.049006	-0.035345	-0.082210	-0.038778
	0.014700	0.018304	-0.011022	0.008089	-0.001937	-0.039996
	0.002695	0.036986	-0.055788	0.002148	0.001471	-0.022526
	0.030529	0.008809	0.011721	0.010732	-0.020918	0.019434
	0.007477					
z239	0.017511	-0.040178	0.012117	0.025105	-0.015151	-0.032529
	0.029285	0.020990	0.005913	0.029123	0.020448	-0.011023
	-0.021923	0.042716	0.029940	0.039479	0.008617	-0.032750
	0.009174	0.013272	-0.040804	0.017123	-0.025116	-0.010140
	-0.015455	0.024151	-0.010174	0.021483	0.026976	-0.039028
	-0.004652					

x240	0.002650	0.005974	0.040701	-0.010232	-0.021270	-0.039649
	0.014166	0.009445	-0.042692	0.020880	0.003922	0.004885
	-0.003126	0.027238	0.002790	0.034016	0.010451	-0.011717
	-0.002354	-0.017722	-0.007125	0.025430	-0.008262	0.006984
	0.006802	-0.004397	-0.028632	-0.031490	0.021008	-0.014977
	0.017602					
y240	0.021135	-0.037199	-0.051155	-0.036956	0.030034	0.013231
	-0.016039	-0.013359	0.050000	-0.041993	-0.077036	-0.050771
	0.004561	0.009809	-0.023117	-0.007526	-0.007097	-0.033827
	-0.009409	0.035206	-0.055965	0.003587	-0.010091	-0.024549
	0.013435	0.018774	0.005961	0.016509	-0.027883	0.020850
	0.004530					
z240	0.017193	-0.041903	0.017885	0.017099	-0.012547	-0.042554
	0.031549	0.027760	-0.000367	0.031532	0.015754	-0.015074
	-0.016901	0.049012	0.029986	0.052167	0.011659	-0.042996
	0.024623	0.003810	-0.058312	0.020430	-0.007682	-0.015433
	0.001137	-0.002877	-0.015295	0.007461	0.035745	-0.029397
	0.000412					
x241	-0.002336	0.002839	0.034581	-0.011808	-0.019606	-0.035768
	0.011475	0.002770	-0.033608	0.020778	-0.006197	0.010924
	0.002691	0.021864	-0.001499	0.021310	0.011457	-0.014394
	-0.016304	-0.006560	0.000131	0.009890	-0.015015	0.005783
	-0.010772	-0.004462	-0.016886	-0.026406	0.001806	0.005178
	0.029332					
y241	0.027951	-0.045976	-0.056876	-0.030189	0.021087	0.028533
	-0.025044	-0.027586	0.057109	-0.042124	-0.074518	-0.046841
	-0.002182	-0.001172	-0.031545	-0.024770	-0.012456	-0.033412
	-0.026512	0.043081	-0.053050	-0.032559	-0.025044	-0.032952
	0.001730	0.053307	0.003917	0.020683	-0.044886	0.039233
	-0.023512					
z241	0.012203	-0.040588	0.024189	0.009315	-0.001635	-0.047094
	0.035417	0.030503	-0.014536	0.030250	0.010258	-0.024165
	-0.020541	0.063246	0.021742	0.065725	0.011224	-0.038540
	0.044583	-0.014955	-0.072163	0.049086	0.003755	-0.005760
	-0.006457	-0.034427	-0.013267	0.010166	0.031243	-0.022158
	0.037188					
x242	-0.005580	-0.000449	0.028461	-0.013801	-0.016808	-0.032769
	0.012522	-0.007525	-0.021794	0.022055	-0.017531	0.016539
	-0.001292	0.015850	-0.009336	0.022342	0.010672	-0.012006
	-0.026730	-0.012247	-0.000406	-0.016667	-0.036436	-0.006812
	-0.011216	0.012315	-0.015612	-0.004832	-0.013524	0.026608
	0.017958					

y242	0.037237	-0.043912	-0.059517	-0.028954	0.025123	0.035684
	-0.022448	-0.017413	0.053659	-0.060228	-0.066425	-0.054523
	-0.007709	0.002096	-0.036004	-0.044134	-0.007434	-0.026734
	-0.030416	0.054118	-0.036317	0.001350	-0.016260	-0.036156
	0.016202	0.032956	0.000628	-0.003311	-0.029893	0.020208
	-0.012670					
z242	0.008356	-0.049612	0.028648	0.008454	-0.001756	-0.046529
	0.032041	0.009790	-0.013711	0.040425	0.007533	-0.031750
	-0.022041	0.059420	0.013552	0.091793	0.006356	-0.034146
	0.053259	-0.038845	-0.084874	0.011933	0.002175	0.002591
	-0.011676	-0.019139	-0.011413	0.030724	0.019753	-0.008460
	0.016004					
x243	-0.004226	0.000411	0.027764	-0.017967	-0.008128	-0.029776
	0.014539	-0.008206	-0.011489	0.013792	-0.021317	0.014043
	0.002154	0.010584	-0.008663	0.017852	0.011849	-0.007165
	-0.038083	-0.005489	-0.003505	-0.009408	-0.037305	-0.018134
	-0.007174	0.016354	-0.020488	-0.014041	-0.008857	0.002640
	0.008896					
y243	0.045983	-0.039780	-0.062206	-0.026324	0.029113	0.038344
	-0.019386	-0.002092	0.042133	-0.070777	-0.054592	-0.069723
	-0.015608	0.006854	-0.042774	-0.039581	-0.004084	-0.015393
	-0.032605	0.044872	-0.017469	0.043967	0.003349	-0.043764
	0.028781	0.011866	-0.027691	-0.029532	-0.018929	-0.000635
	-0.011281					
z243	0.003702	-0.056532	0.031454	0.007740	-0.005642	-0.045962
	0.026607	-0.006226	-0.011828	0.035812	0.002781	-0.024428
	-0.018044	0.054150	0.013907	0.073042	-0.002188	-0.037490
	0.047029	-0.035437	-0.084793	-0.020020	-0.011241	0.027351
	-0.023717	-0.011265	0.018784	0.047921	0.022080	-0.002639
	0.015497					
x244	-0.002450	0.001275	0.022401	-0.021319	-0.005211	-0.022134
	0.007479	0.003946	-0.005682	-0.006064	-0.020797	0.000810
	0.010071	0.008615	-0.012702	0.006008	0.008970	0.006429
	-0.027433	0.009090	-0.000455	0.006703	-0.025511	-0.017482
	-0.004266	0.006156	-0.028132	-0.035775	0.006287	-0.021822
	0.022865					
y244	0.050843	-0.046074	-0.068492	-0.020185	0.018664	0.051192
	-0.022816	-0.014311	0.037437	-0.065119	-0.053476	-0.064081
	-0.022485	0.016644	-0.047684	-0.023948	-0.013878	-0.003644
	-0.056719	0.030681	-0.005017	-0.004169	0.004206	-0.036281
	-0.004426	0.063624	-0.037340	-0.010719	-0.036208	0.021025
	-0.028911					

z244	0.001848	-0.055406	0.037236	0.001825	-0.007249	-0.054034
	0.025752	-0.005153	-0.022076	0.020344	0.002984	-0.026205
	-0.019048	0.051595	0.009327	0.034027	-0.018812	-0.042294
	0.060043	-0.035255	-0.090450	0.028536	-0.020034	0.025586
	-0.006585	-0.052772	0.018388	0.017126	0.016315	-0.018886
	0.040276					
x245	-0.003864	-0.000409	0.012220	-0.019774	-0.009163	-0.011612
	0.003356	0.003680	0.001968	-0.002061	-0.034528	0.008534
	0.013921	0.006801	-0.021577	-0.007932	-0.001627	0.022423
	-0.025559	0.008212	0.010398	-0.015302	-0.053573	-0.006569
	-0.015534	0.016170	-0.019838	0.000132	-0.002058	-0.011905
	0.000802					
y245	0.053949	-0.047151	-0.072751	-0.013603	0.006510	0.062960
	-0.025072	-0.026112	0.032148	-0.063090	-0.046246	-0.072683
	-0.022441	0.031470	-0.048473	-0.018409	-0.024154	-0.006907
	-0.047820	0.032223	0.001348	-0.019073	-0.013844	-0.015593
	-0.006680	0.067680	-0.017971	0.001183	-0.048565	0.013625
	-0.038937					
z245	0.004096	-0.064558	0.042635	-0.004731	-0.007834	-0.060900
	0.028432	-0.011003	-0.029934	0.011246	0.009820	-0.016748
	-0.022347	0.052105	0.004104	0.017944	-0.008889	-0.026031
	0.047465	-0.041177	-0.092477	0.028981	-0.011983	0.019403
	-0.006162	-0.040231	-0.013735	-0.006545	0.015183	-0.019254
	0.044827					
x246	-0.003860	0.001961	0.002551	-0.022888	-0.002902	-0.003303
	0.007488	0.012379	0.014398	0.000905	-0.030896	0.001850
	0.012650	0.011382	-0.011826	-0.008982	0.014587	0.016406
	-0.039994	0.013527	0.033577	-0.013500	-0.046341	-0.011680
	-0.002438	0.030297	-0.031746	0.019939	-0.003511	-0.008156
	-0.030930					
y246	0.056878	-0.039043	-0.077280	-0.007513	-0.001167	0.057075
	-0.015186	-0.020856	0.013399	-0.069334	-0.032225	-0.073332
	-0.017951	0.049010	-0.045705	-0.011824	-0.020497	-0.002744
	-0.041632	0.032022	0.003043	0.020261	0.000681	0.004440
	-0.006292	0.053215	-0.008401	-0.026095	-0.026695	-0.020433
	-0.034834					
z246	0.008530	-0.074567	0.044496	-0.016143	-0.009232	-0.059100
	0.025192	-0.030146	-0.026859	0.001753	0.012829	-0.018821
	-0.014493	0.054314	0.008918	0.013888	-0.006165	-0.033386
	0.033864	-0.038035	-0.088328	-0.015820	-0.016617	0.014190
	0.018654	-0.032348	-0.028260	-0.010590	0.003169	-0.004261
	0.029118					

x247	-0.003345	0.007701	-0.007058	-0.024099	-0.001283	0.008383
	0.004513	0.014681	0.014256	0.002399	-0.028544	-0.002524
	0.012451	0.007075	0.002344	0.000590	0.020701	0.003200
	-0.028348	0.012591	0.034776	-0.017658	-0.039029	-0.008627
	0.002897	0.045158	-0.032332	0.031497	-0.017987	-0.008071
	-0.023977					
y247	0.055680	-0.040838	-0.080028	0.002073	-0.017246	0.057619
	-0.016919	-0.018623	0.003191	-0.061138	-0.012151	-0.071122
	-0.025602	0.045248	-0.019199	0.004733	-0.016148	-0.003246
	-0.068170	0.016091	0.026722	0.018429	0.004987	0.021634
	-0.014677	0.044119	-0.016214	-0.029750	-0.044902	-0.028294
	-0.016689					
z247	0.009461	-0.074167	0.047092	-0.025547	-0.011341	-0.060409
	0.016240	-0.036997	-0.038426	-0.012133	0.005724	-0.017510
	-0.003079	0.055238	0.003652	-0.036145	-0.024159	-0.017483
	0.040499	-0.021379	-0.080980	-0.008938	0.000942	0.018751
	0.029781	-0.031056	-0.001836	-0.003449	0.015004	-0.025128
	0.013742					
x248	-0.000314	0.013865	-0.017164	-0.014394	-0.000510	0.009433
	0.005157	0.008436	0.005463	0.001360	-0.042127	0.000610
	0.002692	0.007612	-0.013267	-0.002390	-0.006178	-0.002826
	-0.023700	0.014137	0.038407	-0.008603	-0.038304	0.006649
	-0.008879	0.044263	-0.004797	0.025309	-0.031258	0.006710
	-0.004390					
y248	0.053849	-0.035726	-0.080828	0.004341	-0.019274	0.056553
	-0.018442	-0.024008	-0.007484	-0.060487	0.001274	-0.085265
	-0.042575	0.043770	-0.007571	0.007632	-0.021887	0.000572
	-0.073475	0.006772	0.031847	0.029369	0.011205	0.024171
	-0.007316	0.025298	0.004512	-0.016509	-0.032185	-0.038801
	-0.005954					
z248	0.012819	-0.077387	0.043989	-0.039313	-0.009133	-0.046778
	0.013676	-0.037566	-0.049282	-0.017983	0.008221	-0.012748
	0.009813	0.039079	0.002365	-0.033491	-0.019618	0.022263
	0.032095	-0.028971	-0.078032	0.002520	0.017175	0.006032
	0.016812	-0.015505	-0.005044	-0.005938	-0.002947	-0.038624
	-0.002644					
x249	-0.002225	0.020876	-0.025848	-0.003035	-0.000253	0.016607
	0.009978	0.011089	0.004514	0.004607	-0.039229	-0.007263
	0.002437	0.005608	-0.019815	0.010956	-0.001469	0.008538
	-0.034707	0.020189	0.051584	0.007883	-0.022048	0.015938
	-0.003852	0.040139	0.016489	0.002537	-0.034599	-0.011726
	-0.011134					

y249	0.053750	-0.025571	-0.081305	0.003978	-0.018517	0.045278
	-0.011251	-0.034301	-0.023247	-0.059125	0.005307	-0.092193
	-0.044887	0.046083	-0.017251	0.014885	-0.026035	0.007212
	-0.054817	-0.009313	0.023352	0.022730	0.018552	0.008759
	0.002112	0.006195	0.017239	-0.015707	-0.021466	-0.033104
	-0.004422					
z249	0.017616	-0.084426	0.040294	-0.040226	-0.009230	-0.035723
	0.005824	-0.032631	-0.049597	-0.025143	0.017182	-0.007166
	0.003303	0.031122	0.006828	-0.049107	-0.015423	0.037030
	0.015568	-0.038129	-0.074048	0.018077	-0.003072	0.011467
	-0.022320	0.007301	-0.022802	0.000744	-0.004158	-0.023548
	0.002435					
x250	-0.006886	0.022571	-0.029859	0.013553	-0.001801	0.026791
	0.013925	0.015502	0.010104	0.014183	-0.034523	-0.022455
	-0.015358	0.004715	-0.010280	0.021791	0.001526	0.010593
	-0.047724	0.011258	0.059138	0.016088	-0.016863	0.029473
	-0.006163	0.039048	0.017537	0.002340	-0.035370	-0.022287
	-0.000704					
y250	0.049343	-0.020980	-0.082875	0.002975	-0.016033	0.040622
	0.001869	-0.049818	-0.033215	-0.047772	0.003157	-0.088294
	-0.057234	0.056972	-0.020002	0.028157	-0.030739	0.023758
	-0.034688	-0.032713	0.001613	0.003233	0.010632	0.002104
	-0.001626	-0.001220	0.007784	-0.016228	-0.019767	-0.015199
	0.001106					
z250	0.027552	-0.081394	0.037330	-0.042693	-0.002368	-0.043010
	-0.008502	-0.032248	-0.045103	-0.025072	0.021280	0.002294
	0.026783	0.014889	-0.007228	-0.047945	-0.020896	0.046874
	0.022326	-0.020447	-0.051660	0.002959	0.003360	0.009747
	-0.026596	0.003323	0.001729	-0.020289	-0.001244	-0.011143
	-0.009221					
x251	-0.010496	0.028899	-0.033550	0.016683	-0.001120	0.029352
	0.015514	0.003209	0.006676	0.018355	-0.022185	-0.029286
	-0.031315	0.010363	0.003372	0.027302	-0.011960	-0.008431
	-0.055649	-0.004356	0.061332	-0.009417	-0.038045	0.019362
	0.002575	0.036875	0.024186	0.021109	-0.032037	-0.011863
	-0.002338					
y251	0.048784	-0.015160	-0.082655	0.005016	-0.013388	0.035235
	0.007670	-0.059809	-0.042099	-0.034810	0.012023	-0.080598
	-0.049654	0.062670	-0.019430	0.031692	-0.018569	0.034494
	-0.029140	-0.053043	-0.001411	-0.028529	-0.005755	-0.002660
	-0.008910	0.002676	0.007290	-0.016581	-0.025275	0.004268
	0.013871					

z251	0.034850	-0.081326	0.037011	-0.050578	-0.005372	-0.047412
	-0.017384	-0.043056	-0.038249	-0.028194	0.004327	-0.005707
	0.040346	0.015478	-0.025259	-0.029303	-0.038387	0.046759
	0.043124	-0.013735	-0.051504	-0.003600	0.016148	-0.003190
	-0.009013	-0.004969	0.017744	-0.017558	0.018955	-0.009230
	-0.017641					
x252	-0.017562	0.039590	-0.044881	0.017564	-0.003022	0.022270
	0.031463	0.008569	0.004534	0.020135	-0.001026	-0.024339
	-0.027397	0.013744	-0.000562	0.039001	-0.015373	-0.021359
	-0.041434	-0.002619	0.037074	0.007510	-0.041635	0.014052
	0.001014	0.014012	0.024117	-0.026228	-0.005168	-0.010634
	-0.017165					
y252	0.048047	-0.006848	-0.079924	0.006434	-0.014734	0.018809
	0.010323	-0.064723	-0.045141	-0.033160	0.030899	-0.098041
	-0.037560	0.061054	-0.019742	0.029563	-0.018806	0.025127
	-0.009305	-0.068882	0.021171	-0.015314	-0.024194	-0.012054
	-0.007344	-0.012617	0.014108	-0.042129	0.009799	-0.010992
	0.031763					
z252	0.039012	-0.082554	0.032920	-0.057895	-0.002905	-0.042954
	-0.020666	-0.062318	-0.039573	-0.030535	-0.024893	-0.008512
	0.036763	0.014737	-0.034786	-0.035623	-0.016056	0.061944
	0.042800	-0.002174	-0.036432	-0.018427	0.045068	-0.013952
	0.007177	0.003627	0.008963	0.018054	0.021179	0.004230
	-0.013744					
x253	-0.021867	0.046216	-0.053094	0.018647	-0.001316	0.028754
	0.049673	0.001947	0.003190	0.028574	-0.009543	-0.015395
	-0.028274	0.028530	-0.007749	0.044612	0.005739	-0.010134
	-0.050072	0.006415	0.016086	-0.001996	0.006014	0.015355
	0.005265	-0.015246	0.015713	-0.025898	-0.026940	0.013184
	-0.011442					
y253	0.041996	-0.000482	-0.077157	0.013034	-0.015247	0.014729
	0.018039	-0.071207	-0.042597	-0.022369	0.029228	-0.097970
	-0.039121	0.055299	-0.040994	0.015632	-0.011342	0.042342
	-0.003093	-0.081382	0.040138	-0.027486	-0.026631	-0.025412
	-0.028502	-0.013977	0.017888	-0.011961	0.027698	0.016818
	0.040281					
z253	0.044592	-0.079813	0.027558	-0.058592	-0.003433	-0.047406
	-0.025222	-0.065854	-0.036535	-0.027929	-0.023953	-0.007283
	0.056611	0.013476	-0.031311	-0.029099	0.012140	0.064635
	0.051156	-0.004761	-0.047034	-0.023800	0.044085	0.006970
	0.001248	0.024338	-0.005050	-0.025126	0.013424	-0.005006
	-0.015309					

x254	-0.020707	0.051263	-0.050802	0.012748	0.002149	0.024558
	0.065284	-0.010567	-0.006453	0.031701	-0.010708	-0.031590
	-0.033107	0.052061	0.000612	0.043328	0.023501	-0.033967
	-0.036918	-0.008520	-0.012880	-0.014371	0.037350	-0.017658
	0.033056	-0.060948	0.009595	-0.038326	-0.018256	0.020100
	-0.016403					
y254	0.037875	0.003200	-0.067344	0.020997	-0.009044	0.011456
	0.028115	-0.056248	-0.044745	-0.004891	0.020578	-0.099600
	-0.042828	0.051603	-0.060063	-0.013823	0.022863	0.076163
	-0.003328	-0.075469	0.044685	-0.018703	-0.013376	-0.021123
	-0.032006	-0.044568	0.001429	-0.024958	0.025697	0.031331
	0.028695					
z254	0.048177	-0.073024	0.024994	-0.054757	-0.008611	-0.055677
	-0.041472	-0.065039	-0.017223	-0.024387	-0.002588	-0.015415
	0.077672	-0.012809	-0.027679	-0.012151	-0.011896	0.050949
	0.047711	-0.018877	-0.021412	-0.028188	0.024987	0.011355
	-0.014883	0.045626	0.017730	-0.001444	0.043534	0.012802
	-0.038437					
x255	-0.025263	0.055934	-0.048582	0.002659	-0.005214	0.005726
	0.069082	-0.035300	-0.010781	0.017026	0.021280	-0.037697
	-0.017033	0.052878	-0.014166	0.048826	-0.004511	-0.062908
	-0.017557	-0.019939	-0.009471	-0.039578	0.030084	-0.034125
	-0.004878	-0.060066	0.037602	-0.048276	-0.017052	0.061398
	-0.080978					
y255	0.031862	0.003585	-0.053729	0.029448	-0.016088	0.009905
	0.024095	-0.058978	-0.039380	0.007604	0.032669	-0.109425
	-0.033624	0.025859	-0.071098	-0.031465	0.024013	0.067786
	-0.009066	-0.110463	0.068831	-0.037902	-0.022984	-0.023811
	-0.089679	-0.039220	0.016000	-0.000138	0.041500	0.070379
	-0.024410					
z255	0.050661	-0.073866	0.017582	-0.039550	-0.009765	-0.049977
	-0.055919	-0.050086	-0.005750	-0.016890	-0.013043	-0.013352
	0.066715	-0.016078	-0.046699	-0.027368	-0.013666	0.089429
	0.026723	-0.002368	0.000350	-0.000355	0.009316	0.021030
	-0.001673	0.047070	0.014917	0.017964	0.045334	-0.011953
	-0.015870					
x256	-0.021748	0.016761	-0.049733	0.052825	0.027515	0.037674
	-0.028710	0.000559	0.005850	0.054190	0.032902	0.049233
	-0.018498	0.018401	-0.017444	0.060238	-0.001204	-0.044656
	-0.001990	-0.150255	-0.026811	0.004933	-0.103403	-0.037132
	0.014164	-0.050205	0.001672	-0.008677	0.006915	0.166010
	0.082717					

y256	0.019395	0.027688	-0.054248	-0.000334	-0.028876	-0.019805
	0.082299	-0.104809	-0.028257	-0.011567	0.009116	-0.165065
	-0.037144	0.051698	-0.078561	-0.038168	0.013635	0.056215
	0.002195	-0.062632	0.081406	-0.102377	0.038629	-0.053908
	-0.103815	-0.051518	0.076010	-0.001650	0.011892	0.071015
	-0.139970					
z256	0.067960	-0.108492	0.017703	0.001333	0.003409	-0.013443
	-0.140660	-0.012717	0.019005	0.061271	0.007940	0.038569
	0.114548	-0.042536	-0.057720	-0.007910	0.050212	0.086713
	-0.005083	-0.053017	-0.055521	0.040927	-0.084094	0.016131
	0.056176	0.083828	-0.039190	0.018391	0.077983	0.051001
	0.138597					

Phylogenetic mapping

Dataset: PC scores, CovMatrix, PD_Canals, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_PD_Canals

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.08933388

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.1460

Canonical Variate Analysis: CVA ...PD_Canals

Dataset: PD_Canals

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.00826303	54.190	54.190
2.	1.05023894	28.339	82.529
3.	0.64745605	17.471	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	2.6261		
marine	2.0170	3.1568	
polar	4.7946	5.7015	4.6134

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	0.0118		
marine	0.9982	0.0119	
polar	0.0094	0.0124	0.1927

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0411		
marine	0.0470	0.0585	
polar	0.0904	0.1037	0.0885

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.2501		
marine	0.1327	0.0032	
polar	0.1429	0.0361	0.1667

Canonical coefficients:

	CV1	CV2	CV3
x1	-1.4560	-2.3725	0.4415
y1	-5.1217	7.0693	0.2944
z1	-2.2253	-6.9282	2.3501
x2	7.8025	-2.3852	-8.6612
y2	1.2645	5.4757	-1.1212
z2	2.7758	-0.6167	-3.7717
x3	5.9374	1.6718	-6.8349
y3	0.4443	8.3430	-2.6652
z3	5.4896	4.2574	-3.8752
x4	3.7280	2.5002	-3.6570

y4	1.3224	7.4186	-1.2387
z4	5.2313	3.1270	-5.7176
x5	5.1555	-1.1586	-1.1698
y5	1.4977	8.1173	-0.7555
z5	2.8162	3.5824	-5.7804
x6	5.9957	-1.2981	-0.4704
y6	0.8713	8.2298	-0.0918
z6	1.4029	2.9543	-5.7153
x7	6.9853	-0.7677	-1.2102
y7	0.6821	7.7173	0.2086
z7	3.7048	2.8065	-4.7692
x8	4.6765	0.8640	-1.6639
y8	2.5778	6.7220	0.3552
z8	4.1860	1.8783	-3.3824
x9	3.3324	-0.2992	-0.7887
y9	3.2589	6.0945	0.4391
z9	1.3106	2.4960	-3.4411
x10	4.0862	-0.2931	-0.5090
y10	2.8285	5.5696	1.2613
z10	1.4352	0.7999	-2.2321
x11	4.2974	1.5988	-0.8418
y11	1.7832	5.1480	3.7806
z11	2.8870	-1.4099	-1.1801
x12	1.1925	-0.8085	-1.3205
y12	2.7375	2.2489	4.6398
z12	2.3107	-2.3121	-2.7980
x13	0.7604	-1.8467	-1.0025
y13	3.9539	-1.1350	4.8344

z13	2.1357	-0.2006	-0.8677
x14	-0.4422	0.7889	-0.2418
y14	4.1161	-1.8938	4.6793
z14	2.1436	0.6252	-0.7701
x15	-0.8654	0.7189	0.4166
y15	3.8643	-2.6826	3.9954
z15	2.3795	-0.0865	-0.3647
x16	-0.3733	2.2068	0.1429
y16	4.3620	-2.6388	2.2708
z16	5.1202	-3.0043	0.7048
x17	-1.7152	0.9077	-0.2323
y17	2.1585	-2.8866	1.3647
z17	5.4606	-4.3605	2.6388
x18	-1.8058	1.8026	1.0056
y18	0.2726	-2.2979	0.2719
z18	9.0667	-0.9678	1.0701
x19	-2.0076	2.4424	1.2123
y19	0.0624	-0.4085	-1.6004
z19	14.2018	-1.6816	1.1879
x20	-2.3183	2.2709	-2.0894
y20	-1.0035	-2.7899	0.8856
z20	11.1740	-2.7771	0.3653
x21	-7.8331	2.6233	-2.6747
y21	0.1511	-3.4950	1.7554
z21	8.2497	-0.8727	0.4308
x22	-10.0816	1.6938	-1.7506
y22	1.5360	-1.2564	2.7962
z22	2.2077	0.8217	-0.4987

x23	-6.5420	-2.2595	-0.3850
y23	6.1257	-1.2811	3.2231
z23	-0.6390	-0.2508	-1.4050
x24	-5.9057	-5.1672	0.4663
y24	6.1703	-0.1801	2.8211
z24	2.3507	-0.1062	-2.4283
x25	-6.8438	-4.9174	0.4783
y25	2.6125	1.9448	3.1846
z25	-0.1339	-0.0159	-3.2188
x26	-2.3490	-6.4132	1.7978
y26	4.7289	1.1117	4.9924
z26	-2.8751	-0.5760	-2.7953
x27	-1.8498	-4.8939	0.9808
y27	1.7663	1.8072	4.1738
z27	-2.1930	-1.8946	-2.0127
x28	-0.5610	-3.7575	-1.5069
y28	-1.7136	4.1198	0.8942
z28	-1.4298	-0.0961	-1.4839
x29	1.5265	-6.5243	-1.9219
y29	-5.6406	0.6645	-0.7584
z29	0.0167	0.4564	-0.5174
x30	3.0264	-6.2161	-2.1935
y30	0.2285	-1.0965	-0.3982
z30	-3.6929	-2.6775	1.0431
x31	2.6494	-3.8883	-1.4619
y31	4.1239	-1.0141	2.4373
z31	-4.7763	-0.6664	2.6635
x32	0.9872	-5.1978	-0.5625

y32	5.7729	-2.9631	3.8500
z32	-4.2404	0.6693	3.0731
x33	-3.0454	-4.2222	0.1013
y33	7.4395	0.6420	4.4033
z33	-4.1538	3.7810	2.7345
x34	-3.6127	-1.4324	-0.1132
y34	8.5163	7.7739	3.6327
z34	-6.3162	9.3534	2.7693
x35	0.7259	-1.2127	1.0774
y35	7.8580	11.9975	2.0793
z35	-8.1958	10.9719	3.3465
x36	2.4296	-3.5961	1.1871
y36	5.8980	11.8923	1.7408
z36	-5.4482	10.2341	4.0969
x37	-0.9852	-5.0380	0.4930
y37	2.2014	8.6477	1.2781
z37	-0.9094	8.8087	4.0719
x38	-5.6740	-7.3629	3.8645
y38	-3.1711	1.7755	-0.6887
z38	4.8023	2.8024	3.4406
x39	-7.5370	-0.5493	4.1277
y39	-5.8936	-2.1978	1.6332
z39	2.6854	-0.0418	2.0189
x40	-8.1444	2.7353	3.4935
y40	-4.8749	3.3970	1.7029
z40	1.9227	2.9124	0.2815
x41	-8.4405	2.9586	2.3207
y41	-2.2489	6.0150	1.2665

z41	2.8668	1.7101	-0.9869
x42	-5.5832	0.9463	2.4956
y42	-1.0890	4.4830	0.3072
z42	5.8217	-3.3390	-2.1083
x43	-1.7764	-1.2218	0.5582
y43	-0.4130	4.1104	-0.6980
z43	7.5005	-4.3859	-3.5322
x44	2.4869	-3.3509	-1.8610
y44	-0.1487	4.5993	-0.3121
z44	6.6807	-2.9566	-3.5994
x45	5.8687	-2.7824	-4.6149
y45	-0.5239	3.5877	1.0293
z45	5.8077	-2.7544	-2.5127
x46	7.3481	-1.5818	-6.9670
y46	-0.4583	7.0476	0.8812
z46	3.2006	2.2294	-4.2317
x47	6.2427	-4.3740	-11.1477
y47	-1.6670	-5.7421	8.5795
z47	2.4734	9.9463	5.0231
x48	7.0956	-6.8022	-5.9085
y48	0.8828	-3.8976	-1.4425
z48	-3.9567	13.0634	-0.4689
x49	1.6282	-3.9445	-0.2061
y49	6.0814	-1.2054	-2.5390
z49	0.6533	11.9580	-6.1802
x50	-1.6607	-1.0542	-2.5372
y50	0.6555	0.0442	-1.5230
z50	2.0583	6.9517	-4.5014

x51	0.2632	-0.3185	-3.0809
y51	-1.4824	-0.8296	1.2028
z51	-1.5659	3.2594	-1.5310
x52	0.3725	-0.8160	-2.0868
y52	-1.1671	-1.4213	1.5890
z52	-2.6505	2.3766	-1.1062
x53	-0.1946	-1.0443	-1.7580
y53	-1.7023	-0.0187	1.7051
z53	-3.9530	3.2589	-1.0224
x54	0.1389	-0.6705	-0.3092
y54	-0.9259	-0.7741	2.8248
z54	-3.8158	1.9378	0.1910
x55	0.4252	-0.9481	-0.7651
y55	-2.9783	-0.9964	3.2956
z55	-6.7927	1.7402	-0.1685
x56	-0.5783	-1.5873	-2.6584
y56	-0.0122	4.1517	-0.0287
z56	-6.3969	2.8162	-1.2715
x57	1.1034	-0.4993	-1.5848
y57	3.5193	2.2869	0.3211
z57	-3.3676	-0.9271	-1.4094
x58	2.9740	0.9831	-0.9922
y58	3.3653	0.4779	1.1491
z58	-3.4400	-2.3172	-1.7193
x59	4.9101	1.6196	-0.5748
y59	2.1981	1.4070	2.6824
z59	-3.7885	-0.9664	-1.1176
x60	4.0565	2.3823	-0.3320

y60	0.7152	-0.3727	2.6147
z60	-4.0409	-2.1441	-1.6028
x61	2.5793	-0.6163	-0.3521
y61	0.3030	-3.4488	2.2845
z61	-3.8376	-4.5182	-0.3556
x62	2.0631	-0.5630	-1.2095
y62	-2.2967	-0.0033	3.3673
z62	-4.2689	-1.8129	0.4615
x63	2.5032	5.3273	-0.5412
y63	-0.0729	1.7911	1.3180
z63	-2.5440	-0.7655	-0.4317
x64	3.9490	2.0795	-0.2183
y64	1.0103	-1.9713	-0.5492
z64	-1.3448	-3.5613	-0.4521
x65	2.9178	-0.5009	1.1016
y65	-0.7745	-1.0870	-0.9087
z65	-3.5751	-3.7346	2.9873
x66	-0.2572	1.1484	2.7174
y66	-0.9977	-0.9275	-1.0304
z66	-5.8186	-5.6101	4.9862
x67	-3.2076	0.9056	1.7964
y67	2.7308	1.0045	-3.7531
z67	-0.8386	-2.9029	3.3724
x68	-0.3719	1.4481	-0.2314
y68	3.8401	0.7735	-4.6089
z68	-0.2854	-2.7111	2.9389
x69	-0.1030	-1.5217	0.9646
y69	5.5613	-2.1569	-3.3163

z69	1.9444	-5.1322	3.4268
x70	-0.4825	1.1043	-0.0814
y70	5.8816	-0.3314	-3.6643
z70	3.7458	-3.8326	3.0704
x71	-0.9819	4.9051	0.5177
y71	4.7858	-0.3060	-3.1512
z71	1.9868	-4.3575	4.1809
x72	-2.8394	3.5967	-0.0151
y72	5.0547	-4.0324	-3.6422
z72	2.3585	-5.7102	5.9753
x73	-0.5094	1.1628	-1.3491
y73	3.6835	-3.5494	-4.7120
z73	0.8523	-4.1486	3.7973
x74	1.0865	1.7664	-0.9746
y74	4.7144	-2.7484	-1.3467
z74	1.3036	-2.0454	4.6354
x75	2.1061	0.3431	-0.5039
y75	3.4186	-4.6184	1.6348
z75	2.1894	-4.1239	5.0954
x76	2.7162	0.4845	-2.7086
y76	1.1023	-1.8827	3.9648
z76	2.6520	-5.6371	4.5149
x77	3.4373	0.1838	-5.0596
y77	-2.9454	1.4864	3.8651
z77	1.2143	-4.2117	2.4068
x78	1.3163	4.1173	-3.4187
y78	-3.8762	2.9999	3.4048
z78	1.6366	-3.2449	2.0974

x79	1.0185	5.2077	-2.3624
y79	-3.2117	2.0884	2.3811
z79	2.8221	-3.4063	0.4286
x80	0.3791	4.7744	-4.9013
y80	-3.3745	1.7020	2.8575
z80	4.4732	-2.1609	-0.9419
x81	2.7595	3.4523	-4.4530
y81	-5.9195	1.3446	2.7477
z81	5.1278	-1.3329	-1.0451
x82	5.3037	-0.9692	-1.6759
y82	-8.9382	2.2839	3.1783
z82	5.3612	0.2358	-0.3680
x83	5.7789	-1.4677	-3.8606
y83	-9.8694	-0.6863	3.8236
z83	7.5058	-3.0482	-1.2500
x84	-5.6924	-7.2347	-2.1920
y84	-4.5841	-4.4595	6.2245
z84	-8.6258	6.8565	-7.7450
x85	-7.0769	-7.5744	-1.2414
y85	-3.9203	8.5908	-1.4515
z85	0.4139	-1.3489	2.8574
x86	-7.7199	-4.2417	-1.3855
y86	-2.9304	-0.5549	1.3508
z86	-0.7351	-1.0565	1.3589
x87	-7.4350	-3.6302	-3.0244
y87	-1.8523	-3.7081	1.6949
z87	-1.0202	2.9179	1.1604
x88	-7.9254	-3.4830	-1.8988

y88	-1.5100	-4.2345	-0.2196
z88	-0.5383	2.5042	0.0472
x89	-8.8572	-3.6075	-0.8671
y89	-0.7741	-3.8774	-1.7669
z89	-1.3849	3.0985	0.0545
x90	-7.4720	-1.9593	-0.6814
y90	-2.8945	-5.1094	-0.9154
z90	-3.9121	4.8999	-1.3411
x91	-5.1581	-2.9615	-0.4774
y91	-3.9100	-5.8781	-1.2023
z91	-3.3520	4.2032	-1.2174
x92	-6.1949	-2.9734	-1.0850
y92	-0.7694	-7.7578	-1.7367
z92	-2.6990	1.9655	-0.5717
x93	-8.7384	2.1377	-0.3204
y93	1.6656	-5.5934	0.9009
z93	-2.6697	1.6916	0.0766
x94	-8.9531	4.1223	-0.3909
y94	1.7024	-5.5461	2.4712
z94	-1.9784	3.7199	0.5261
x95	-7.6296	2.3913	-0.0290
y95	1.5116	-2.1037	0.5399
z95	-1.4771	6.7500	0.1306
x96	-5.4894	-1.6615	1.0546
y96	0.2430	-4.2347	-0.5448
z96	-0.3621	5.9029	-1.3342
x97	-5.7871	-0.8338	0.7793
y97	0.5135	-5.3581	-1.0651

z97	-1.2040	7.0041	-2.3527
x98	-4.4175	-0.6983	0.9187
y98	-1.9664	-3.6781	-0.3758
z98	0.2748	8.2830	-1.8844
x99	-1.3513	-2.1799	2.9720
y99	-3.1741	-2.1230	-1.2227
z99	3.1485	7.0805	0.7203
x100	-1.1014	-1.2664	2.7663
y100	-0.2681	-1.2534	-0.5386
z100	2.4292	8.4858	-0.3271
x101	1.1850	-1.2520	2.9974
y101	-1.2224	1.5330	1.1806
z101	3.2761	9.1549	-2.1529
x102	1.4197	-0.3249	3.2978
y102	-4.1884	4.0148	-0.4101
z102	1.1098	8.5504	-1.7722
x103	1.1620	0.5702	2.8704
y103	-1.8455	3.0356	-1.6542
z103	-3.3835	6.4853	-0.3738
x104	1.0927	1.9512	3.1210
y104	-0.6010	2.0014	-2.5219
z104	-3.1428	5.3815	-0.5783
x105	1.9215	2.2495	2.6570
y105	-1.8139	2.8545	-2.6522
z105	-2.7826	3.5875	-1.7881
x106	2.1531	1.9742	2.1986
y106	-3.5700	2.4070	-1.8099
z106	-3.4193	1.0476	-1.6035

x107	2.3877	1.2821	3.1630
y107	-5.5493	1.3403	0.5823
z107	-3.4449	0.2611	0.5963
x108	3.5434	-0.7248	2.5254
y108	-2.2692	-2.3509	0.2741
z108	-3.9790	0.5397	1.2218
x109	3.9209	-1.7739	0.4056
y109	-1.1864	-1.7235	-1.4336
z109	-2.9720	2.1837	-0.1606
x110	3.5307	-2.0726	1.8394
y110	-0.8435	1.2469	0.3394
z110	-1.9202	2.8282	-0.2432
x111	2.5603	-2.4184	1.5472
y111	-2.3730	5.7025	-0.5024
z111	-0.8852	-1.3978	-1.6771
x112	2.7307	-1.6695	-1.2964
y112	-6.0260	10.7310	-1.4587
z112	1.9706	-3.1062	-1.2523
x113	6.7268	-3.6416	-4.3410
y113	-3.8458	8.6072	-2.2731
z113	1.9803	-2.9277	-1.0731
x114	7.3906	-2.0001	-9.5494
y114	-4.7796	10.1587	-5.8871
z114	2.5109	-3.9406	-1.0176
x115	6.4054	0.6864	-12.5915
y115	-4.7924	9.5378	-2.7710
z115	6.8948	-5.2056	2.4558
x116	8.0449	0.3616	-11.8366

y116	-3.0088	5.4138	-0.6793
z116	8.5089	-5.0648	0.6777
x117	1.5308	3.6336	-11.5689
y117	-2.1169	1.3696	-0.3182
z117	13.9677	-5.8278	-1.2191
x118	-1.0300	6.7146	-3.6288
y118	-0.5030	-2.4361	3.7689
z118	14.4695	-5.2591	-2.1431
x119	-0.3004	4.7144	-0.5541
y119	1.4542	-5.1082	3.6899
z119	5.9374	1.0060	1.6820
x120	-1.0300	4.9222	5.2421
y120	-0.7127	-0.0576	4.4045
z120	3.1710	-3.2732	3.2504
x121	-6.7234	6.7283	6.5619
y121	-1.2799	-1.2617	0.7185
z121	2.9938	-2.0813	1.5451
x122	-6.1095	5.4041	8.1054
y122	8.1043	-2.6889	-3.8685
z122	-0.6318	2.5129	-1.3026
x123	-6.8098	5.8911	5.5349
y123	11.3344	-2.8276	-8.2813
z123	-2.0808	-1.7698	-2.5882
x124	-6.7065	0.5908	3.4469
y124	6.6878	-4.1078	-10.8716
z124	-0.5707	-3.7087	-4.4222
x125	-2.6967	2.7178	-1.0567
y125	2.0160	-4.0123	-14.5273

z125	0.4074	-5.6897	-6.8884
x126	0.6698	2.1971	1.3751
y126	0.2705	-9.1703	-9.2048
z126	3.8164	-2.0570	-10.7636
x127	2.4032	3.9201	6.4119
y127	7.8647	-7.5847	-8.8644
z127	4.8182	1.3788	-8.1761
x128	-6.5202	-3.0438	-1.0457
y128	0.7223	-6.4919	1.8316
z128	-10.8403	4.5321	-6.0507
x129	-8.7412	-0.1537	8.0086
y129	3.9908	5.3980	4.6227
z129	-14.9046	12.9413	-1.0012
x130	-2.0540	3.2075	3.1959
y130	2.2782	12.3777	2.3804
z130	4.8633	6.0866	-7.2417
x131	-4.8104	1.8895	0.9089
y131	0.6327	7.5708	-1.9188
z131	-0.0623	2.5316	-5.1169
x132	-2.5170	0.3624	-2.3044
y132	-1.4998	10.9341	-2.4466
z132	0.1374	-1.2865	-1.9089
x133	-1.0097	-0.5016	-1.7906
y133	0.5909	13.6381	-2.3180
z133	0.1594	4.6513	-1.8986
x134	-3.4846	-0.6551	2.9758
y134	-2.5104	10.6593	1.9085
z134	-1.4010	1.3577	2.5100

x135	-2.9452	-0.8987	2.6728
y135	2.0609	3.7136	0.2472
z135	2.0717	-1.4201	-0.7300
x136	0.0410	-2.2266	-1.3325
y136	1.9369	3.5092	0.3871
z136	-1.8463	0.3498	1.6976
x137	-3.1837	-2.7232	-1.1140
y137	-0.7942	1.6898	0.6564
z137	-2.1944	-1.2958	3.0286
x138	-5.1898	-2.6747	2.7458
y138	3.5765	0.2835	1.3317
z138	-3.0379	2.3666	-0.8088
x139	-5.4050	1.2884	2.5125
y139	0.2681	3.3895	0.5175
z139	-3.1027	1.4242	-3.2635
x140	-4.0724	-0.2785	1.9568
y140	-0.6645	0.3036	1.5185
z140	-2.8975	1.0082	-2.2923
x141	-3.5755	-2.7008	2.3389
y141	1.2463	-1.6504	4.0060
z141	-3.5584	3.3472	-3.5283
x142	-3.1724	-2.6971	3.2649
y142	2.6184	0.1160	4.0761
z142	-5.5024	2.6367	-5.7706
x143	-2.6231	-0.9798	2.9102
y143	-0.7266	0.9142	1.6008
z143	-3.4885	-3.7130	-6.1276
x144	-1.5008	-2.3841	1.9695

y144	0.1247	-1.2814	3.0406
z144	-3.2939	-2.3088	-4.7283
x145	-2.4588	-1.9920	0.9693
y145	-3.3122	-3.0071	2.2456
z145	1.0788	-3.4639	-3.5120
x146	-3.3940	-1.6255	1.2382
y146	-4.5484	-0.9595	-1.2126
z146	3.3646	-3.1208	-4.8369
x147	-2.4980	-0.6967	1.5220
y147	0.2331	-2.1010	-1.5023
z147	0.5877	-2.4551	-4.4932
x148	-1.3643	3.5891	2.1666
y148	-0.6973	-1.2297	0.9550
z148	1.4092	-5.2612	-1.5539
x149	-0.6294	4.2167	3.3107
y149	-1.9230	1.0578	2.1350
z149	2.0489	-4.3370	-2.4467
x150	0.8124	4.1790	4.2604
y150	-1.9743	1.6006	0.7078
z150	2.0565	-3.8463	-1.9515
x151	2.1429	4.2500	4.1529
y151	-3.1629	0.3528	2.4139
z151	-0.9514	-2.6403	-2.2314
x152	2.4556	3.2427	5.2819
y152	-5.2429	2.4033	3.2831
z152	-0.8125	-1.6052	-3.7878
x153	3.8247	3.0699	4.7994
y153	-3.6182	-0.0283	1.6599

z153	-2.2469	-1.3116	-2.1131
x154	4.7264	4.2557	3.8398
y154	-4.1919	0.3193	1.3226
z154	-1.2743	-4.2018	1.1132
x155	5.4748	4.4755	4.5700
y155	-3.9207	1.0752	0.5790
z155	-1.7734	-4.8268	2.4497
x156	6.1875	7.2456	4.6578
y156	-1.2979	0.0113	-1.7097
z156	-3.9934	-4.4155	1.1825
x157	4.7463	7.2127	4.7496
y157	-3.7346	1.7730	-0.3412
z157	-3.9810	-4.1038	2.4957
x158	3.4898	5.6457	6.1073
y158	-5.0662	1.2887	-0.3243
z158	-3.9287	-2.9482	2.3545
x159	3.0052	3.3913	5.3221
y159	-6.2937	-0.3918	1.5880
z159	-6.2786	-0.4954	3.5664
x160	3.3096	3.3940	4.9130
y160	-7.3796	-0.1023	2.1132
z160	-6.8251	-0.1754	3.5561
x161	5.1084	2.9186	2.6522
y161	-9.5537	-0.5237	3.1481
z161	-6.9586	-0.6248	3.4324
x162	9.3739	0.6340	0.7080
y162	-9.5607	-0.9252	3.3951
z162	-9.5173	-0.3016	2.1061

x163	9.1848	0.6069	-1.2806
y163	-6.7700	-1.7405	4.6781
z163	-7.9329	0.8713	1.5865
x164	7.8272	1.0544	-3.1518
y164	-3.9739	-1.1615	3.3062
z164	-4.5920	0.1129	2.4846
x165	5.7789	-1.4677	-3.8606
y165	-9.8694	-0.6863	3.8236
z165	7.5058	-3.0482	-1.2500
x166	-1.8717	0.0940	-8.1917
y166	-7.9903	-15.1938	1.4421
z166	-10.6820	1.5974	5.0669
x167	0.9051	-1.6883	-5.4451
y167	-6.2448	-0.1950	0.2883
z167	-6.4920	-2.1702	4.2813
x168	0.4056	-0.5901	-4.6549
y168	-1.2341	0.5520	3.2096
z168	-6.5931	-3.0551	0.2171
x169	1.4146	4.0155	-3.0370
y169	1.4016	0.5843	2.1612
z169	-4.4386	-2.8068	-0.5987
x170	1.8541	5.0860	-2.0305
y170	0.5873	-0.8089	-0.8690
z170	-1.5836	-1.1890	-2.3125
x171	-2.7865	1.9604	-0.6069
y171	2.3201	1.3621	-2.7136
z171	-0.3081	-0.4812	-3.2268
x172	-3.1139	2.5622	-1.6545

y172	2.3014	0.4487	-3.6005
z172	1.3551	1.2944	-3.4379
x173	-4.9098	2.6803	-1.8194
y173	1.4986	-0.7665	-3.8990
z173	4.3069	4.3397	-3.8103
x174	-3.7382	5.7496	0.2400
y174	3.1552	-2.6453	-4.5613
z174	3.9815	6.5981	-3.9832
x175	-4.1474	3.6926	1.6735
y175	4.3170	-1.5741	-5.1007
z175	2.7679	6.7046	-2.5432
x176	-3.9999	3.9677	1.4913
y176	3.2662	-1.1358	-4.2852
z176	0.7152	5.3609	-0.8594
x177	-3.5616	2.6110	1.1495
y177	2.8482	-1.6521	-2.3167
z177	0.2810	4.6420	-0.5472
x178	-1.1119	1.1788	2.3074
y178	3.7692	-1.4883	-2.6532
z178	-0.5275	4.0712	-0.1002
x179	0.7529	0.2107	0.6113
y179	3.1895	-0.8223	-3.3289
z179	-0.7018	4.2509	0.5393
x180	0.3767	0.8088	0.5420
y180	3.4778	-0.6683	-1.6764
z180	-0.2507	4.2671	0.3346
x181	3.8355	0.8573	2.5398
y181	3.8466	1.0418	-0.9148

z181	0.6935	4.0518	0.0876
x182	5.2336	-0.3471	0.7497
y182	0.6879	1.7493	-0.1584
z182	3.2867	4.6435	-0.2248
x183	2.1342	-0.2212	1.1631
y183	-3.0178	2.9088	0.0531
z183	5.7986	6.1839	0.7837
x184	0.8044	1.5783	2.7518
y184	-1.9090	3.5460	0.8322
z184	8.0147	5.9012	1.6255
x185	2.8391	2.1285	3.8982
y185	-1.0880	3.6808	-1.1562
z185	6.5222	3.2388	-1.6652
x186	0.6487	2.6431	2.1463
y186	-1.5012	7.0185	-3.1365
z186	6.3915	0.9279	-4.0506
x187	-2.5521	2.0573	1.3935
y187	1.3310	5.8571	-0.4956
z187	7.5802	-1.2580	-2.9713
x188	0.4478	0.0522	4.2752
y188	1.6214	3.5759	1.0419
z188	9.4824	-3.4083	-0.1599
x189	-2.3433	3.0565	3.5156
y189	-1.3834	2.5453	-1.6869
z189	5.9851	-2.4980	-0.2153
x190	1.3733	2.5359	2.2119
y190	1.6031	-0.5528	2.2196
z190	5.1113	-2.7885	1.5645

x191	4.1205	-0.4929	-0.5345
y191	-2.2489	1.1165	0.4761
z191	4.3122	-3.8487	3.0441
x192	4.3530	-1.0761	-2.9375
y192	-4.2229	-1.0095	2.0582
z192	0.6043	-3.5491	5.4856
x193	2.1077	0.6451	-3.1750
y193	-6.0304	-3.7357	3.0805
z193	1.7331	-3.8699	5.1833
x194	2.8696	0.2377	-3.5639
y194	-7.8564	-6.8658	1.6104
z194	2.2781	-4.1416	3.1906
x195	4.0027	-1.0583	-4.5553
y195	-3.9373	-8.5248	0.8342
z195	-1.1842	-2.5251	3.8335
x196	6.2325	-2.0081	-6.7123
y196	0.6042	-7.1772	0.3378
z196	-3.1980	-1.7070	3.8065
x197	6.0362	-2.6519	-6.9910
y197	-0.3452	-4.9265	0.6261
z197	-5.8422	-2.5658	3.4384
x198	4.0757	-5.1965	-5.0440
y198	-3.5105	-6.6329	2.0044
z198	-8.2770	-3.6496	3.5710
x199	3.2441	-6.2759	-4.3950
y199	-5.3143	-5.8699	4.3840
z199	-8.5456	-4.1676	3.5601
x200	1.2126	-7.9083	-3.8767

y200	-4.9854	-4.0706	5.1891
z200	-7.7942	-10.0708	3.1651
x201	3.2274	-0.4709	-1.0132
y201	-2.9758	4.9268	7.9731
z201	-6.5645	-8.3812	4.3863
x202	9.3588	3.3322	1.1462
y202	5.2030	8.6787	6.7966
z202	1.3755	1.4467	8.2523
x203	5.8856	4.3967	4.8419
y203	0.3010	-0.6693	1.5584
z203	2.5924	4.2982	5.0925
x204	4.5229	3.3474	6.0006
y204	-2.3890	-2.9227	-2.8274
z204	-3.6009	5.5047	5.7727
x205	7.7559	1.8537	2.2542
y205	-4.3946	-4.2442	-6.3117
z205	-3.7087	8.9876	6.7883
x206	8.2384	0.2100	0.0154
y206	-7.9782	-7.2328	-5.6305
z206	-2.8097	6.8891	3.6366
x207	6.7165	-2.1599	-0.9608
y207	-9.4939	-8.1771	-2.6784
z207	-4.3975	4.4759	-1.5229
x208	4.8875	-1.5720	0.6556
y208	-8.8220	-5.5442	-0.4243
z208	-5.5645	1.3862	-4.4634
x209	4.0951	-0.4723	3.3981
y209	-4.6315	-2.8833	-0.8223

z209	-5.5210	0.6266	-5.0546
x210	3.3137	-0.3900	2.5982
y210	0.0156	-1.8626	-3.8787
z210	-2.5456	2.4466	-2.8896
x211	2.6268	1.1621	0.2935
y211	2.0697	-3.0568	-5.7778
z211	3.4574	5.7587	-2.4099
x212	-2.4523	2.2614	2.4704
y212	5.0250	-8.3444	-4.5593
z212	3.8499	-0.1482	-0.5846
x213	-4.9679	-2.2269	0.2005
y213	6.7626	-7.0101	-5.6451
z213	5.6486	-5.4501	0.9675
x214	-4.1227	-6.8793	-2.5537
y214	5.9761	-4.1590	-4.3528
z214	6.7958	-7.7243	0.7403
x215	-2.1657	-10.0231	-3.3990
y215	2.8212	-3.0252	-2.7741
z215	6.1659	-6.0917	0.3682
x216	-0.3812	-9.3118	-3.9986
y216	-0.5091	-2.8981	-2.9466
z216	2.5038	-4.5533	1.3500
x217	0.5129	-8.1809	-2.5845
y217	0.0425	-5.6352	-1.7017
z217	-5.0678	0.2758	3.6910
x218	-3.9245	-6.4329	-0.7229
y218	-4.4591	-3.3305	0.6591
z218	-9.6013	-1.1328	7.1987

x219	-4.1409	2.4730	-5.1805
y219	-0.5186	-15.6575	-3.9717
z219	-6.7434	2.4804	5.6730
x220	-3.0535	-6.6856	2.4946
y220	-3.1788	-5.3137	-4.8420
z220	-17.8576	6.4986	4.3797
x221	-9.2489	-9.8350	0.7272
y221	3.4927	4.1769	-2.7048
z221	-12.8540	2.5671	3.0184
x222	-6.3645	-3.0602	2.7071
y222	0.1859	-2.1097	-1.0342
z222	-11.6680	3.1752	3.9568
x223	-3.7591	-1.6776	0.8914
y223	2.7454	-3.3153	0.8146
z223	-7.9486	0.3607	2.8910
x224	-0.7015	-2.5953	0.5576
y224	3.0274	-0.9400	-0.2994
z224	-6.3854	-4.8088	3.7558
x225	-1.0226	-0.6920	1.1527
y225	2.0337	1.6339	-0.5648
z225	-4.1847	-7.0847	4.0924
x226	-0.0377	1.0466	0.6515
y226	-0.2180	0.8788	-0.0568
z226	0.9406	-5.9379	2.7880
x227	-0.0105	1.5596	2.4421
y227	-1.3522	0.4255	-1.5731
z227	3.1475	-6.1504	3.9150
x228	1.6414	1.3336	4.3493

y228	0.9385	-1.4386	-1.3310
z228	4.2436	-5.6547	3.1836
x229	-1.5746	1.6412	3.0836
y229	1.5406	-1.3982	-2.1738
z229	2.5386	-4.0243	0.3793
x230	-3.5763	3.4226	3.0228
y230	2.3661	-0.6682	-3.4165
z230	1.3913	-3.4492	-0.6354
x231	-3.2060	4.2873	3.5968
y231	3.2221	-0.2959	-3.7553
z231	1.9054	-3.7984	0.8056
x232	-4.0507	3.5376	3.2868
y232	4.4293	-1.0189	-3.9185
z232	0.2668	-2.8281	0.0674
x233	-3.8705	2.4905	2.8147
y233	5.1680	-1.1163	-4.8306
z233	-0.0965	-2.7071	-0.8263
x234	-3.5068	2.9413	2.7291
y234	4.7818	-0.9801	-5.2379
z234	0.4978	-2.5874	-0.2388
x235	-2.9055	2.0418	2.4944
y235	3.4332	-0.2780	-4.6010
z235	1.0118	-1.1435	0.8722
x236	-1.9868	0.8012	1.7669
y236	3.2032	0.3613	-3.9334
z236	-0.8046	-1.2833	0.5590
x237	-1.8410	1.0730	1.3121
y237	3.8253	0.5209	-3.2960

z237	-2.3870	-0.3890	-0.7274
x238	-1.4365	0.2361	0.8571
y238	3.6132	-0.0564	-2.6561
z238	-1.0961	1.0507	-0.3755
x239	0.7677	-0.1857	0.9239
y239	2.7050	1.1884	-3.3030
z239	1.8068	0.8845	-0.0800
x240	0.2895	1.2716	-0.0657
y240	2.6525	1.0948	-2.4867
z240	2.7775	2.1739	-1.5249
x241	1.0920	1.4168	0.0066
y241	4.9867	-0.5603	0.3956
z241	1.8184	4.1445	-4.2052
x242	2.7359	0.5904	0.8064
y242	2.5801	0.5963	-0.0357
z242	3.7433	1.7622	-3.1214
x243	1.0805	0.1709	1.4719
y243	-0.3937	2.3754	0.1318
z243	5.2435	-0.2912	-3.0424
x244	-1.4640	1.6140	1.2452
y244	1.5940	1.7423	3.4972
z244	3.2667	0.9556	-4.8787
x245	-0.9712	0.1695	2.2597
y245	1.5261	-0.2199	3.7990
z245	2.9188	2.5543	-2.0993
x246	-0.3927	0.2032	3.4086
y246	-1.3074	-0.6623	3.2489
z246	4.8402	2.6404	0.0905

x247	-0.4829	0.8967	3.1908
y247	-2.5502	0.9634	3.6762
z247	4.3553	-0.2458	0.4056
x248	-0.2853	-0.2012	1.3013
y248	-2.4617	0.0588	1.1680
z248	2.5134	-1.6587	2.6652
x249	-2.1951	-2.4178	1.1659
y249	-1.6247	-1.2781	-0.1862
z249	3.1485	0.0010	3.8136
x250	-2.8101	-1.8652	0.4902
y250	0.0906	-0.6677	-0.3463
z250	3.1076	-3.2819	3.8241
x251	-0.3924	-2.0294	-0.9601
y251	1.5151	-0.7392	0.3778
z251	3.1540	-5.8652	2.2229
x252	0.5830	-1.9214	-2.3219
y252	1.3717	-2.2617	-1.3266
z252	3.0599	-5.9325	3.4252
x253	0.1133	0.7182	-1.8053
y253	2.7775	-2.9713	-1.5310
z253	2.1318	-6.2331	6.0043
x254	2.1563	2.5242	-2.7866
y254	2.8024	-2.0827	0.2807
z254	4.3263	-10.2018	3.7818
x255	7.5280	-2.0819	-2.4247
y255	7.5743	-5.7173	1.4602
z255	0.0253	-10.4911	3.3213
x256	7.1276	4.8319	-9.5109

y256	13.3955	-12.7820	4.1818
z256	-1.1537	-5.1948	-1.7767

New Procrustes fit:

Dataset 'PD_Cochlea'

451 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.05887144	-0.04666096	0.01834618
2	0.06182729	-0.04422663	0.01857644
3	0.06166605	-0.04256737	0.01770638
4	0.06132291	-0.03997868	0.01701243
5	0.06071116	-0.03728612	0.01562474
6	0.05994712	-0.03583157	0.01443426
7	0.05883514	-0.03467303	0.01341792
8	0.05721642	-0.03346899	0.01183340
9	0.05544702	-0.03253578	0.01011310
10	0.05369396	-0.03172649	0.00848799
11	0.05132814	-0.03101305	0.00673881
12	0.04865977	-0.03045935	0.00486025
13	0.04625310	-0.02997812	0.00350573
14	0.04371599	-0.02987576	0.00216380
15	0.04213647	-0.03037871	0.00147311
16	0.04038530	-0.03091513	0.00103629
17	0.03865946	-0.03188492	0.00113811
18	0.03674434	-0.03310723	0.00145899
19	0.03486689	-0.03456312	0.00241881
20	0.03342037	-0.03651186	0.00348613
21	0.03256482	-0.03880048	0.00455772

22	0.03230300	-0.04126487	0.00574011
23	0.03239640	-0.04372502	0.00698068
24	0.03351073	-0.04581125	0.00825965
25	0.03468751	-0.04741991	0.00932380
26	0.03604699	-0.04897876	0.01038360
27	0.03760497	-0.05058076	0.01148102
28	0.04001756	-0.05257816	0.01262400
29	0.04245020	-0.05401852	0.01351363
30	0.04501961	-0.05543789	0.01486833
31	0.04797124	-0.05605646	0.01583418
32	0.04936086	-0.05602685	0.01616555
33	0.05131922	-0.05567792	0.01653383
34	0.05450840	-0.05409822	0.01750968
35	0.05541954	-0.05363673	0.01792538
36	0.05752192	-0.04916466	0.01832853
37	0.00821320	0.04729240	0.02900130
38	0.00769823	0.05289168	0.02895392
39	0.00729929	0.05766061	0.02615387
40	0.00711135	0.06021833	0.02293358
41	0.00692006	0.06068992	0.02187972
42	0.00700517	0.06049872	0.02094914
43	0.00679631	0.05915608	0.01664123
44	0.00560101	0.05698780	0.01056369
45	0.00471927	0.05634088	0.00878189
46	0.00473057	0.05630559	0.00994335
47	0.00510038	0.05877522	0.00990733
48	0.00520959	0.06145201	0.00757903
49	0.00511005	0.06248036	0.00622292

50	0.00489616	0.06265427	0.00381648
51	0.00451740	0.06228096	0.00137937
52	0.00416673	0.06136493	-0.00061023
53	0.00354358	0.05933487	-0.00311453
54	0.00265046	0.05537950	-0.00543917
55	0.00251626	0.05214861	-0.00546287
56	-0.04494523	0.00453153	0.02994216
57	-0.05011957	0.00505621	0.03083496
58	-0.05437736	0.00528627	0.02901124
59	-0.05628014	0.00529759	0.02717929
60	-0.05713912	0.00542758	0.02577353
61	-0.05708477	0.00537255	0.02350439
62	-0.05618160	0.00523339	0.01928752
63	-0.05618524	0.00509225	0.01661921
64	-0.05649073	0.00495316	0.01480522
65	-0.05588558	0.00493105	0.01429074
66	-0.05851415	0.00518754	0.01215782
67	-0.06019745	0.00543426	0.01087218
68	-0.06094734	0.00558015	0.00941334
69	-0.06117548	0.00564110	0.00809531
70	-0.06107504	0.00569847	0.00584897
71	-0.06043518	0.00569310	0.00324204
72	-0.05896697	0.00558213	0.00065934
73	-0.05606880	0.00536875	-0.00191248
74	-0.05146819	0.00501361	-0.00353248
75	-0.01449147	-0.03165795	0.02378989
76	-0.01503434	-0.03474669	0.02359757
77	-0.01551922	-0.03744765	0.02293845

78	-0.01614985	-0.03989160	0.02157686
79	-0.01706721	-0.04182166	0.01855659
80	-0.01774570	-0.04248059	0.01596880
81	-0.01798433	-0.04254445	0.01487435
82	-0.01813934	-0.04254403	0.01340116
83	-0.01848304	-0.04302560	0.01029305
84	-0.01841253	-0.04277962	0.00949227
85	-0.01928547	-0.04493134	0.00764960
86	-0.02022242	-0.04699733	0.00588967
87	-0.02066557	-0.04751515	0.00431757
88	-0.02096711	-0.04756102	0.00235965
89	-0.02114632	-0.04712461	0.00043909
90	-0.02127604	-0.04619667	-0.00134096
91	-0.02142610	-0.04400276	-0.00407760
92	-0.02131788	-0.04091012	-0.00635467
93	-0.02085786	-0.03666923	-0.00767041
94	-0.00393636	0.01787872	-0.00104765
95	-0.00383631	0.02189357	-0.00456220
96	-0.00375310	0.02374499	-0.00803463
97	-0.00379588	0.02481302	-0.01053333
98	-0.00393857	0.02554967	-0.01345199
99	-0.00419128	0.02589179	-0.01644168
100	-0.00447176	0.02516308	-0.01876786
101	-0.00490350	0.02333383	-0.02056455
102	-0.00536873	0.02026629	-0.02207386
103	-0.00572898	0.01619668	-0.02232769
104	-0.02752188	0.00028456	-0.00444185
105	-0.03142975	0.00038458	-0.00657659

106	-0.03406294	0.00035956	-0.00885010
107	-0.03582990	0.00031078	-0.01146105
108	-0.03657346	0.00026334	-0.01372311
109	-0.03661659	0.00022031	-0.01541637
110	-0.03581202	0.00019789	-0.01751095
111	-0.03411851	0.00017727	-0.01973366
112	-0.03205169	0.00017190	-0.02131541
113	-0.02913398	-0.00003382	-0.02217891
114	-0.01642223	-0.01548822	-0.00683755
115	-0.01737282	-0.01895725	-0.00952892
116	-0.01815901	-0.02128023	-0.01144732
117	-0.01881707	-0.02300947	-0.01344321
118	-0.01938448	-0.02399890	-0.01546964
119	-0.01983053	-0.02422128	-0.01742621
120	-0.02008438	-0.02369819	-0.01913626
121	-0.02001923	-0.02180265	-0.02161240
122	-0.01963670	-0.01910289	-0.02348940
123	-0.01906044	-0.01593357	-0.02418962
124	0.06952865	-0.00591881	0.02236631
125	0.06200698	-0.00525440	0.02084657
126	0.06077502	-0.00369733	0.02014504
127	0.05459399	-0.00307985	0.01955635
128	0.04912476	0.00028914	0.01758219
129	0.04593989	0.00439809	0.01482866
130	0.04439361	0.00821197	0.01325919
131	0.04172888	0.01248828	0.01178498
132	0.03839889	0.01646085	0.01104067
133	0.03505065	0.02027156	0.01135823

134	0.03321573	0.02234408	0.01185662
135	0.03033200	0.02444342	0.01237421
136	0.02731637	0.02655491	0.01299179
137	0.02475290	0.02817987	0.01346057
138	0.02205679	0.02953308	0.01403996
139	0.01857361	0.03073908	0.01495409
140	0.01481487	0.03163848	0.01589818
141	0.01087771	0.03226383	0.01687995
142	0.00743489	0.03259579	0.01765475
143	0.00091152	0.03222045	0.01849772
144	-0.00562482	0.03104024	0.01905610
145	-0.01100790	0.02921363	0.01949958
146	-0.01631712	0.02661891	0.01995961
147	-0.02143222	0.02326694	0.02006132
148	-0.02568336	0.01931974	0.02009417
149	-0.02920678	0.01462751	0.02003582
150	-0.03193184	0.00976105	0.01972773
151	-0.03376178	0.00327659	0.01956983
152	-0.03358273	-0.00142475	0.01930022
153	-0.03297485	-0.00496154	0.01903534
154	-0.03152639	-0.00896762	0.01871371
155	-0.02978240	-0.01220230	0.01855045
156	-0.02795606	-0.01468485	0.01827340
157	-0.02512435	-0.01721820	0.01792610
158	-0.02176938	-0.01954458	0.01752053
159	-0.01814626	-0.02114646	0.01716802
160	-0.01397658	-0.02218619	0.01672956
161	-0.01050507	-0.02259990	0.01584596

162	-0.00694284	-0.02228748	0.01500009
163	-0.00388364	-0.02164265	0.01416036
164	-0.00134999	-0.02061484	0.01331861
165	0.00130915	-0.01898731	0.01242286
166	0.00364675	-0.01725832	0.01117464
167	0.00550578	-0.01537494	0.00995599
168	0.00719584	-0.01291459	0.00871762
169	0.00869518	-0.00952979	0.00745390
170	0.00923057	-0.00646180	0.00583166
171	0.00918327	-0.00401507	0.00464597
172	0.00850031	-0.00164340	0.00399330
173	0.00727793	0.00132788	0.00274646
174	0.00591946	0.00336366	0.00193148
175	0.00421797	0.00501555	0.00123174
176	0.00194102	0.00663328	0.00052792
177	-0.00114959	0.00819330	-0.00006066
178	-0.00410418	0.00889909	-0.00019598
179	-0.00611058	0.00923527	-0.00111416
180	-0.00991090	0.00865532	-0.00274665
181	-0.01249281	0.00796240	-0.00408693
182	-0.01505346	0.00625083	-0.00423522
183	-0.01775196	0.00296368	-0.00439881
184	-0.01862005	0.00085957	-0.00501584
185	-0.01956508	-0.00131377	-0.00520764
186	-0.01917048	-0.00398569	-0.00393658
187	-0.01868999	-0.00523244	-0.00366842
188	-0.01747496	-0.00680197	-0.00521427
189	-0.01384734	-0.00830193	-0.00592264

190	-0.01117749	-0.00919246	-0.00563392
191	-0.00974522	-0.00923065	-0.00588792
192	-0.00879817	-0.00887733	-0.00661152
193	-0.00759665	-0.00844743	-0.00746405
194	-0.00686952	-0.00799063	-0.00843740
195	-0.00555262	-0.00655399	-0.00955372
196	-0.00576350	-0.00582522	-0.01883819
197	0.04664058	0.04278829	0.03050123
198	0.04144009	0.04099623	0.01843778
199	0.03854381	0.04229389	0.02123612
200	0.03540026	0.04341554	0.02252230
201	0.03380363	0.04339283	0.02329779
202	0.03123017	0.04400345	0.02392831
203	0.02743854	0.04478172	0.02516266
204	0.02190167	0.04566311	0.02682447
205	0.01535050	0.04651244	0.02822529
206	0.00787625	0.04746797	0.02932443
207	-0.00072396	0.04611342	0.02990971
208	-0.00917800	0.04382212	0.02998708
209	-0.01665773	0.04071027	0.03022279
210	-0.02331102	0.03670559	0.03047928
211	-0.02939105	0.03189924	0.03037690
212	-0.03460635	0.02620031	0.03036731
213	-0.03898578	0.01968736	0.03030561
214	-0.04248566	0.01234637	0.03015041
215	-0.04500654	0.00431275	0.02999567
216	-0.04436019	-0.00196541	0.02954820
217	-0.04278987	-0.00828271	0.02914303

218	-0.04059914	-0.01350885	0.02863364
219	-0.03785601	-0.01796168	0.02814095
220	-0.03438709	-0.02202706	0.02762421
221	-0.03034361	-0.02533903	0.02688387
222	-0.02550815	-0.02818708	0.02603859
223	-0.02016535	-0.03034189	0.02522993
224	-0.01451453	-0.03184686	0.02404289
225	-0.00927737	-0.03175664	0.02237933
226	-0.00452631	-0.03118424	0.02078656
227	-0.00012211	-0.03003167	0.01939871
228	0.00391899	-0.02833521	0.01808442
229	0.00741543	-0.02622699	0.01671376
230	0.01062566	-0.02340481	0.01527248
231	0.01368960	-0.01949764	0.01343469
232	0.01590322	-0.01541281	0.01170238
233	0.01731523	-0.01134223	0.00982357
234	0.01759991	-0.00612162	0.00753516
235	0.01714016	-0.00145405	0.00552342
236	0.01616788	0.00252269	0.00392030
237	0.01461285	0.00625603	0.00271422
238	0.01242754	0.00960749	0.00170304
239	0.00922947	0.01273942	0.00084442
240	0.00501602	0.01543032	0.00021890
241	0.00025723	0.01715735	-0.00040155
242	-0.00477751	0.01800893	-0.00105395
243	-0.00881602	0.01751167	-0.00135364
244	-0.01237684	0.01666656	-0.00170349
245	-0.01554612	0.01545440	-0.00205533

246	-0.01843993	0.01386861	-0.00237714
247	-0.02093935	0.01191319	-0.00276573
248	-0.02314959	0.00958162	-0.00310048
249	-0.02507419	0.00681081	-0.00347499
250	-0.02654791	0.00372977	-0.00394432
251	-0.02776510	0.00021004	-0.00442263
252	-0.02778046	-0.00262160	-0.00474546
253	-0.02740201	-0.00540519	-0.00504389
254	-0.02673913	-0.00797965	-0.00540154
255	-0.02587454	-0.00983597	-0.00573738
256	-0.02469530	-0.01150457	-0.00598960
257	-0.02335385	-0.01277386	-0.00613982
258	-0.02120107	-0.01409040	-0.00635431
259	-0.01891887	-0.01532325	-0.00659046
260	-0.01624228	-0.01619844	-0.00701554
261	-0.01371101	-0.01603208	-0.00710023
262	-0.01183440	-0.01583326	-0.00744901
263	-0.01056341	-0.01569632	-0.00773415
264	-0.00924002	-0.01529466	-0.00796005
265	-0.00709717	-0.01453755	-0.00868487
266	-0.00542442	-0.01327195	-0.00983086
267	-0.00376324	-0.01168858	-0.01098238
268	-0.00265391	-0.00772463	-0.01411208
269	-0.00576350	-0.00582522	-0.01883819
270	0.06980567	-0.01349599	0.02008767
271	0.07076304	-0.01513983	0.01698892
272	0.07091857	-0.01566825	0.01427017
273	0.07075837	-0.01610239	0.01159801

274	0.07052689	-0.01629477	0.00926922
275	0.07013565	-0.01630924	0.00650290
276	0.06963085	-0.01608246	0.00388671
277	0.06896982	-0.01556950	0.00113894
278	0.06820032	-0.01479725	-0.00166458
279	0.06735688	-0.01385906	-0.00432123
280	0.06637498	-0.01187938	-0.00715748
281	0.06525355	-0.00936678	-0.01001848
282	0.06419033	-0.00655006	-0.01255227
283	0.06315993	-0.00341050	-0.01475301
284	0.06208682	0.00012010	-0.01662774
285	0.06109459	0.00407905	-0.01817085
286	0.06016935	0.00819842	-0.01915973
287	0.05932913	0.01237370	-0.01968205
288	0.05843923	0.01638865	-0.01977254
289	0.05763834	0.01989457	-0.01939507
290	0.05677832	0.02324917	-0.01887091
291	0.05562760	0.02672928	-0.01814437
292	0.05436529	0.03027482	-0.01727629
293	0.05302644	0.03366106	-0.01626266
294	0.05150870	0.03685661	-0.01512633
295	0.04964537	0.04011876	-0.01377949
296	0.04754145	0.04345174	-0.01225256
297	0.04499488	0.04657877	-0.01040645
298	0.04174904	0.04981464	-0.00829551
299	0.03803939	0.05270023	-0.00633785
300	0.03397036	0.05532144	-0.00452706
301	0.02960026	0.05747034	-0.00283803

302	0.02508017	0.05927764	-0.00132983
303	0.02025146	0.06069443	0.00004214
304	0.01501890	0.06167283	0.00128890
305	0.00967365	0.06216228	0.00233797
306	0.00431664	0.06224855	0.00309361
307	-0.00713821	0.06094258	0.00461613
308	-0.01760367	0.05789548	0.00590738
309	-0.02697923	0.05360449	0.00687026
310	-0.03528664	0.04827279	0.00751065
311	-0.04265397	0.04197315	0.00785764
312	-0.04909094	0.03462522	0.00790455
313	-0.05452850	0.02618539	0.00765561
314	-0.05851287	0.01648691	0.00708878
315	-0.06075714	0.00548014	0.00629015
316	-0.06078995	-0.00347320	0.00651364
317	-0.05932286	-0.01154798	0.00659193
318	-0.05677863	-0.01882142	0.00649334
319	-0.05336390	-0.02530639	0.00621189
320	-0.04909540	-0.03119123	0.00574082
321	-0.04386217	-0.03636683	0.00511365
322	-0.03757406	-0.04083803	0.00430241
323	-0.03005590	-0.04435151	0.00331591
324	-0.02125093	-0.04654507	0.00211673
325	-0.01312344	-0.04688341	0.00095110
326	-0.00589324	-0.04589617	-0.00021786
327	0.00049061	-0.04400154	-0.00147197
328	0.00624953	-0.04136353	-0.00282391
329	0.01138355	-0.03816835	-0.00436992

330	0.01587659	-0.03406624	-0.00601631
331	0.01983291	-0.02908857	-0.00790727
332	0.02301972	-0.02312743	-0.00993043
333	0.02497629	-0.01607877	-0.01188687
334	0.02548216	-0.00864955	-0.01359685
335	0.02473686	-0.00214881	-0.01482112
336	0.02300513	0.00360262	-0.01569052
337	0.02047001	0.00869290	-0.01628429
338	0.01722916	0.01322244	-0.01665957
339	0.01314395	0.01740706	-0.01677094
340	0.00814258	0.02101792	-0.01656530
341	0.00217605	0.02390643	-0.01602853
342	-0.00481320	0.02542169	-0.01523333
343	-0.01079118	0.02538643	-0.01523437
344	-0.01624964	0.02424109	-0.01516009
345	-0.02107553	0.02233657	-0.01507543
346	-0.02508018	0.01996215	-0.01497776
347	-0.02834215	0.01730559	-0.01487873
348	-0.03137247	0.01391336	-0.01476941
349	-0.03389143	0.00980305	-0.01462966
350	-0.03575913	0.00513476	-0.01448097
351	-0.03664365	-0.00008477	-0.01437960
352	-0.03666358	-0.00408993	-0.01453175
353	-0.03604830	-0.00788905	-0.01465300
354	-0.03496773	-0.01124884	-0.01482866
355	-0.03347089	-0.01425398	-0.01503792
356	-0.03154733	-0.01697681	-0.01529899
357	-0.02930075	-0.01924488	-0.01558996

358	-0.02679197	-0.02115911	-0.01589567
359	-0.02399845	-0.02272449	-0.01623033
360	-0.02097116	-0.02376386	-0.01650649
361	-0.01756707	-0.02434221	-0.01732546
362	-0.01409228	-0.02429855	-0.01814118
363	-0.01072796	-0.02345566	-0.01870368
364	-0.00761030	-0.02221550	-0.01937339
365	-0.00517320	-0.02056360	-0.01972867
366	-0.00259043	-0.01785848	-0.02003168
367	-0.00081640	-0.01335420	-0.02046437
368	-0.00238312	-0.00631632	-0.02019586
369	-0.00426181	-0.00638076	-0.01786574
370	0.05202305	-0.01855049	0.00597855
371	0.05250656	-0.01859174	0.00327430
372	0.05346843	-0.01708182	-0.00380333
373	0.05417708	-0.01447865	-0.00917212
374	0.05440564	-0.01090952	-0.01349690
375	0.05410016	-0.00697046	-0.01681890
376	0.05338566	-0.00274061	-0.01938446
377	0.05229354	0.00199326	-0.02149165
378	0.05089778	0.00731900	-0.02295769
379	0.04931082	0.01316663	-0.02365414
380	0.04832438	0.01723815	-0.02366931
381	0.04692539	0.02124244	-0.02336223
382	0.04533105	0.02500036	-0.02270730
383	0.04353130	0.02854324	-0.02173870
384	0.04143625	0.03202398	-0.02048121
385	0.03893466	0.03552270	-0.01912113

386	0.03608748	0.03898579	-0.01739457
387	0.03266923	0.04258638	-0.01548249
388	0.02883733	0.04603394	-0.01344893
389	0.02376961	0.04910142	-0.01119931
390	0.01817787	0.05127664	-0.00918631
391	0.01205427	0.05246842	-0.00738443
392	0.00561982	0.05263151	-0.00594443
393	-0.00102751	0.05178020	-0.00474801
394	-0.00785002	0.04998314	-0.00383197
395	-0.01494353	0.04717772	-0.00328005
396	-0.02228318	0.04341995	-0.00288255
397	-0.02998476	0.03867862	-0.00275199
398	-0.03747183	0.03084826	-0.00277114
399	-0.04337659	0.02326847	-0.00303874
400	-0.04784954	0.01570646	-0.00329548
401	-0.05073412	0.00834996	-0.00348630
402	-0.05206429	0.00115775	-0.00349603
403	-0.05186122	-0.00558892	-0.00351555
404	-0.05026277	-0.01208873	-0.00359119
405	-0.04730640	-0.01841830	-0.00386558
406	-0.04290972	-0.02469414	-0.00425553
407	-0.03856982	-0.02899229	-0.00477013
408	-0.03399655	-0.03234582	-0.00532304
409	-0.02916096	-0.03485452	-0.00615116
410	-0.02397690	-0.03639074	-0.00710276
411	-0.01855913	-0.03688144	-0.00819704
412	-0.01306838	-0.03633592	-0.00937121
413	-0.00762663	-0.03482232	-0.01054335

414	-0.00183086	-0.03224297	-0.01176459
415	0.00403152	-0.02892702	-0.01310738
416	0.00838053	-0.02257953	-0.01490148
417	0.01133199	-0.01633320	-0.01691173
418	0.01295760	-0.01033773	-0.01888867
419	0.01317158	-0.00473981	-0.02043416
420	0.01207204	0.00023353	-0.02142653
421	0.00967017	0.00484540	-0.02197921
422	0.00593462	0.00904827	-0.02228973
423	0.00062191	0.01301096	-0.02236586
424	-0.00633453	0.01650710	-0.02238824
425	-0.01058059	0.01627575	-0.02221497
426	-0.01448040	0.01563123	-0.02211396
427	-0.01761973	0.01457899	-0.02208754
428	-0.02040213	0.01314469	-0.02202225
429	-0.02277128	0.01146397	-0.02199188
430	-0.02476533	0.00913756	-0.02205320
431	-0.02654405	0.00649260	-0.02212994
432	-0.02804293	0.00344716	-0.02215748
433	-0.02924749	-0.00030201	-0.02220907
434	-0.02920325	-0.00336521	-0.02233682
435	-0.02887876	-0.00588971	-0.02246231
436	-0.02832004	-0.00813090	-0.02258193
437	-0.02762068	-0.01005639	-0.02281091
438	-0.02670954	-0.01169648	-0.02297074
439	-0.02547404	-0.01307975	-0.02318355
440	-0.02380663	-0.01432775	-0.02346818
441	-0.02185077	-0.01536461	-0.02382101

442	-0.01963687	-0.01614985	-0.02417624
443	-0.01681964	-0.01596697	-0.02462951
444	-0.01491717	-0.01564345	-0.02493972
445	-0.01319676	-0.01519718	-0.02515356
446	-0.01128988	-0.01436952	-0.02547644
447	-0.00959430	-0.01341051	-0.02562862
448	-0.00785887	-0.01198316	-0.02617970
449	-0.00669564	-0.01117142	-0.02702626
450	-0.00646894	-0.00955382	-0.02818563
451	-0.00573906	-0.00582742	-0.01888729

Procrustes sums of squares: 0.2937948120094654

Tangent sums of squares: 0.2906226700607716

Data matrices in this dataset:

- PD_Cochlea, raw data
- PD_Cochlea, centroid size
- PD_Cochlea, Procrustes coordinates

New Procrustes fit:

Dataset 'PD_Cochlea'

451 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.05887144	-0.04666096	0.01834618
2	0.06182729	-0.04422663	0.01857644
3	0.06166605	-0.04256737	0.01770638
4	0.06132291	-0.03997868	0.01701243
5	0.06071116	-0.03728612	0.01562474
6	0.05994712	-0.03583157	0.01443426
7	0.05883514	-0.03467303	0.01341792
8	0.05721642	-0.03346899	0.01183340
9	0.05544702	-0.03253578	0.01011310
10	0.05369396	-0.03172649	0.00848799
11	0.05132814	-0.03101305	0.00673881
12	0.04865977	-0.03045935	0.00486025
13	0.04625310	-0.02997812	0.00350573
14	0.04371599	-0.02987576	0.00216380
15	0.04213647	-0.03037871	0.00147311
16	0.04038530	-0.03091513	0.00103629
17	0.03865946	-0.03188492	0.00113811
18	0.03674434	-0.03310723	0.00145899
19	0.03486689	-0.03456312	0.00241881
20	0.03342037	-0.03651186	0.00348613
21	0.03256482	-0.03880048	0.00455772
22	0.03230300	-0.04126487	0.00574011
23	0.03239640	-0.04372502	0.00698068
24	0.03351073	-0.04581125	0.00825965
25	0.03468751	-0.04741991	0.00932380
26	0.03604699	-0.04897876	0.01038360

27	0.03760497	-0.05058076	0.01148102
28	0.04001756	-0.05257816	0.01262400
29	0.04245020	-0.05401852	0.01351363
30	0.04501961	-0.05543789	0.01486833
31	0.04797124	-0.05605646	0.01583418
32	0.04936086	-0.05602685	0.01616555
33	0.05131922	-0.05567792	0.01653383
34	0.05450840	-0.05409822	0.01750968
35	0.05541954	-0.05363673	0.01792538
36	0.05752192	-0.04916466	0.01832853
37	0.00821320	0.04729240	0.02900130
38	0.00769823	0.05289168	0.02895392
39	0.00729929	0.05766061	0.02615387
40	0.00711135	0.06021833	0.02293358
41	0.00692006	0.06068992	0.02187972
42	0.00700517	0.06049872	0.02094914
43	0.00679631	0.05915608	0.01664123
44	0.00560101	0.05698780	0.01056369
45	0.00471927	0.05634088	0.00878189
46	0.00473057	0.05630559	0.00994335
47	0.00510038	0.05877522	0.00990733
48	0.00520959	0.06145201	0.00757903
49	0.00511005	0.06248036	0.00622292
50	0.00489616	0.06265427	0.00381648
51	0.00451740	0.06228096	0.00137937
52	0.00416673	0.06136493	-0.00061023
53	0.00354358	0.05933487	-0.00311453
54	0.00265046	0.05537950	-0.00543917

55	0.00251626	0.05214861	-0.00546287
56	-0.04494523	0.00453153	0.02994216
57	-0.05011957	0.00505621	0.03083496
58	-0.05437736	0.00528627	0.02901124
59	-0.05628014	0.00529759	0.02717929
60	-0.05713912	0.00542758	0.02577353
61	-0.05708477	0.00537255	0.02350439
62	-0.05618160	0.00523339	0.01928752
63	-0.05618524	0.00509225	0.01661921
64	-0.05649073	0.00495316	0.01480522
65	-0.05588558	0.00493105	0.01429074
66	-0.05851415	0.00518754	0.01215782
67	-0.06019745	0.00543426	0.01087218
68	-0.06094734	0.00558015	0.00941334
69	-0.06117548	0.00564110	0.00809531
70	-0.06107504	0.00569847	0.00584897
71	-0.06043518	0.00569310	0.00324204
72	-0.05896697	0.00558213	0.00065934
73	-0.05606880	0.00536875	-0.00191248
74	-0.05146819	0.00501361	-0.00353248
75	-0.01449147	-0.03165795	0.02378989
76	-0.01503434	-0.03474669	0.02359757
77	-0.01551922	-0.03744765	0.02293845
78	-0.01614985	-0.03989160	0.02157686
79	-0.01706721	-0.04182166	0.01855659
80	-0.01774570	-0.04248059	0.01596880
81	-0.01798433	-0.04254445	0.01487435
82	-0.01813934	-0.04254403	0.01340116

83	-0.01848304	-0.04302560	0.01029305
84	-0.01841253	-0.04277962	0.00949227
85	-0.01928547	-0.04493134	0.00764960
86	-0.02022242	-0.04699733	0.00588967
87	-0.02066557	-0.04751515	0.00431757
88	-0.02096711	-0.04756102	0.00235965
89	-0.02114632	-0.04712461	0.00043909
90	-0.02127604	-0.04619667	-0.00134096
91	-0.02142610	-0.04400276	-0.00407760
92	-0.02131788	-0.04091012	-0.00635467
93	-0.02085786	-0.03666923	-0.00767041
94	-0.00393636	0.01787872	-0.00104765
95	-0.00383631	0.02189357	-0.00456220
96	-0.00375310	0.02374499	-0.00803463
97	-0.00379588	0.02481302	-0.01053333
98	-0.00393857	0.02554967	-0.01345199
99	-0.00419128	0.02589179	-0.01644168
100	-0.00447176	0.02516308	-0.01876786
101	-0.00490350	0.02333383	-0.02056455
102	-0.00536873	0.02026629	-0.02207386
103	-0.00572898	0.01619668	-0.02232769
104	-0.02752188	0.00028456	-0.00444185
105	-0.03142975	0.00038458	-0.00657659
106	-0.03406294	0.00035956	-0.00885010
107	-0.03582990	0.00031078	-0.01146105
108	-0.03657346	0.00026334	-0.01372311
109	-0.03661659	0.00022031	-0.01541637
110	-0.03581202	0.00019789	-0.01751095

111	-0.03411851	0.00017727	-0.01973366
112	-0.03205169	0.00017190	-0.02131541
113	-0.02913398	-0.00003382	-0.02217891
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116	-0.01815901	-0.02128023	-0.01144732
117	-0.01881707	-0.02300947	-0.01344321
118	-0.01938448	-0.02399890	-0.01546964
119	-0.01983053	-0.02422128	-0.01742621
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121	-0.02001923	-0.02180265	-0.02161240
122	-0.01963670	-0.01910289	-0.02348940
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124	0.06952865	-0.00591881	0.02236631
125	0.06200698	-0.00525440	0.02084657
126	0.06077502	-0.00369733	0.02014504
127	0.05459399	-0.00307985	0.01955635
128	0.04912476	0.00028914	0.01758219
129	0.04593989	0.00439809	0.01482866
130	0.04439361	0.00821197	0.01325919
131	0.04172888	0.01248828	0.01178498
132	0.03839889	0.01646085	0.01104067
133	0.03505065	0.02027156	0.01135823
134	0.03321573	0.02234408	0.01185662
135	0.03033200	0.02444342	0.01237421
136	0.02731637	0.02655491	0.01299179
137	0.02475290	0.02817987	0.01346057
138	0.02205679	0.02953308	0.01403996

139	0.01857361	0.03073908	0.01495409
140	0.01481487	0.03163848	0.01589818
141	0.01087771	0.03226383	0.01687995
142	0.00743489	0.03259579	0.01765475
143	0.00091152	0.03222045	0.01849772
144	-0.00562482	0.03104024	0.01905610
145	-0.01100790	0.02921363	0.01949958
146	-0.01631712	0.02661891	0.01995961
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148	-0.02568336	0.01931974	0.02009417
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153	-0.03297485	-0.00496154	0.01903534
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160	-0.01397658	-0.02218619	0.01672956
161	-0.01050507	-0.02259990	0.01584596
162	-0.00694284	-0.02228748	0.01500009
163	-0.00388364	-0.02164265	0.01416036
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165	0.00130915	-0.01898731	0.01242286
166	0.00364675	-0.01725832	0.01117464

167	0.00550578	-0.01537494	0.00995599
168	0.00719584	-0.01291459	0.00871762
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170	0.00923057	-0.00646180	0.00583166
171	0.00918327	-0.00401507	0.00464597
172	0.00850031	-0.00164340	0.00399330
173	0.00727793	0.00132788	0.00274646
174	0.00591946	0.00336366	0.00193148
175	0.00421797	0.00501555	0.00123174
176	0.00194102	0.00663328	0.00052792
177	-0.00114959	0.00819330	-0.00006066
178	-0.00410418	0.00889909	-0.00019598
179	-0.00611058	0.00923527	-0.00111416
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181	-0.01249281	0.00796240	-0.00408693
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183	-0.01775196	0.00296368	-0.00439881
184	-0.01862005	0.00085957	-0.00501584
185	-0.01956508	-0.00131377	-0.00520764
186	-0.01917048	-0.00398569	-0.00393658
187	-0.01868999	-0.00523244	-0.00366842
188	-0.01747496	-0.00680197	-0.00521427
189	-0.01384734	-0.00830193	-0.00592264
190	-0.01117749	-0.00919246	-0.00563392
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193	-0.00759665	-0.00844743	-0.00746405
194	-0.00686952	-0.00799063	-0.00843740

195	-0.00555262	-0.00655399	-0.00955372
196	-0.00576350	-0.00582522	-0.01883819
197	0.04664058	0.04278829	0.03050123
198	0.04144009	0.04099623	0.01843778
199	0.03854381	0.04229389	0.02123612
200	0.03540026	0.04341554	0.02252230
201	0.03380363	0.04339283	0.02329779
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203	0.02743854	0.04478172	0.02516266
204	0.02190167	0.04566311	0.02682447
205	0.01535050	0.04651244	0.02822529
206	0.00787625	0.04746797	0.02932443
207	-0.00072396	0.04611342	0.02990971
208	-0.00917800	0.04382212	0.02998708
209	-0.01665773	0.04071027	0.03022279
210	-0.02331102	0.03670559	0.03047928
211	-0.02939105	0.03189924	0.03037690
212	-0.03460635	0.02620031	0.03036731
213	-0.03898578	0.01968736	0.03030561
214	-0.04248566	0.01234637	0.03015041
215	-0.04500654	0.00431275	0.02999567
216	-0.04436019	-0.00196541	0.02954820
217	-0.04278987	-0.00828271	0.02914303
218	-0.04059914	-0.01350885	0.02863364
219	-0.03785601	-0.01796168	0.02814095
220	-0.03438709	-0.02202706	0.02762421
221	-0.03034361	-0.02533903	0.02688387
222	-0.02550815	-0.02818708	0.02603859

223	-0.02016535	-0.03034189	0.02522993
224	-0.01451453	-0.03184686	0.02404289
225	-0.00927737	-0.03175664	0.02237933
226	-0.00452631	-0.03118424	0.02078656
227	-0.00012211	-0.03003167	0.01939871
228	0.00391899	-0.02833521	0.01808442
229	0.00741543	-0.02622699	0.01671376
230	0.01062566	-0.02340481	0.01527248
231	0.01368960	-0.01949764	0.01343469
232	0.01590322	-0.01541281	0.01170238
233	0.01731523	-0.01134223	0.00982357
234	0.01759991	-0.00612162	0.00753516
235	0.01714016	-0.00145405	0.00552342
236	0.01616788	0.00252269	0.00392030
237	0.01461285	0.00625603	0.00271422
238	0.01242754	0.00960749	0.00170304
239	0.00922947	0.01273942	0.00084442
240	0.00501602	0.01543032	0.00021890
241	0.00025723	0.01715735	-0.00040155
242	-0.00477751	0.01800893	-0.00105395
243	-0.00881602	0.01751167	-0.00135364
244	-0.01237684	0.01666656	-0.00170349
245	-0.01554612	0.01545440	-0.00205533
246	-0.01843993	0.01386861	-0.00237714
247	-0.02093935	0.01191319	-0.00276573
248	-0.02314959	0.00958162	-0.00310048
249	-0.02507419	0.00681081	-0.00347499
250	-0.02654791	0.00372977	-0.00394432

251	-0.02776510	0.00021004	-0.00442263
252	-0.02778046	-0.00262160	-0.00474546
253	-0.02740201	-0.00540519	-0.00504389
254	-0.02673913	-0.00797965	-0.00540154
255	-0.02587454	-0.00983597	-0.00573738
256	-0.02469530	-0.01150457	-0.00598960
257	-0.02335385	-0.01277386	-0.00613982
258	-0.02120107	-0.01409040	-0.00635431
259	-0.01891887	-0.01532325	-0.00659046
260	-0.01624228	-0.01619844	-0.00701554
261	-0.01371101	-0.01603208	-0.00710023
262	-0.01183440	-0.01583326	-0.00744901
263	-0.01056341	-0.01569632	-0.00773415
264	-0.00924002	-0.01529466	-0.00796005
265	-0.00709717	-0.01453755	-0.00868487
266	-0.00542442	-0.01327195	-0.00983086
267	-0.00376324	-0.01168858	-0.01098238
268	-0.00265391	-0.00772463	-0.01411208
269	-0.00576350	-0.00582522	-0.01883819
270	0.06980567	-0.01349599	0.02008767
271	0.07076304	-0.01513983	0.01698892
272	0.07091857	-0.01566825	0.01427017
273	0.07075837	-0.01610239	0.01159801
274	0.07052689	-0.01629477	0.00926922
275	0.07013565	-0.01630924	0.00650290
276	0.06963085	-0.01608246	0.00388671
277	0.06896982	-0.01556950	0.00113894
278	0.06820032	-0.01479725	-0.00166458

279	0.06735688	-0.01385906	-0.00432123
280	0.06637498	-0.01187938	-0.00715748
281	0.06525355	-0.00936678	-0.01001848
282	0.06419033	-0.00655006	-0.01255227
283	0.06315993	-0.00341050	-0.01475301
284	0.06208682	0.00012010	-0.01662774
285	0.06109459	0.00407905	-0.01817085
286	0.06016935	0.00819842	-0.01915973
287	0.05932913	0.01237370	-0.01968205
288	0.05843923	0.01638865	-0.01977254
289	0.05763834	0.01989457	-0.01939507
290	0.05677832	0.02324917	-0.01887091
291	0.05562760	0.02672928	-0.01814437
292	0.05436529	0.03027482	-0.01727629
293	0.05302644	0.03366106	-0.01626266
294	0.05150870	0.03685661	-0.01512633
295	0.04964537	0.04011876	-0.01377949
296	0.04754145	0.04345174	-0.01225256
297	0.04499488	0.04657877	-0.01040645
298	0.04174904	0.04981464	-0.00829551
299	0.03803939	0.05270023	-0.00633785
300	0.03397036	0.05532144	-0.00452706
301	0.02960026	0.05747034	-0.00283803
302	0.02508017	0.05927764	-0.00132983
303	0.02025146	0.06069443	0.00004214
304	0.01501890	0.06167283	0.00128890
305	0.00967365	0.06216228	0.00233797
306	0.00431664	0.06224855	0.00309361

307	-0.00713821	0.06094258	0.00461613
308	-0.01760367	0.05789548	0.00590738
309	-0.02697923	0.05360449	0.00687026
310	-0.03528664	0.04827279	0.00751065
311	-0.04265397	0.04197315	0.00785764
312	-0.04909094	0.03462522	0.00790455
313	-0.05452850	0.02618539	0.00765561
314	-0.05851287	0.01648691	0.00708878
315	-0.06075714	0.00548014	0.00629015
316	-0.06078995	-0.00347320	0.00651364
317	-0.05932286	-0.01154798	0.00659193
318	-0.05677863	-0.01882142	0.00649334
319	-0.05336390	-0.02530639	0.00621189
320	-0.04909540	-0.03119123	0.00574082
321	-0.04386217	-0.03636683	0.00511365
322	-0.03757406	-0.04083803	0.00430241
323	-0.03005590	-0.04435151	0.00331591
324	-0.02125093	-0.04654507	0.00211673
325	-0.01312344	-0.04688341	0.00095110
326	-0.00589324	-0.04589617	-0.00021786
327	0.00049061	-0.04400154	-0.00147197
328	0.00624953	-0.04136353	-0.00282391
329	0.01138355	-0.03816835	-0.00436992
330	0.01587659	-0.03406624	-0.00601631
331	0.01983291	-0.02908857	-0.00790727
332	0.02301972	-0.02312743	-0.00993043
333	0.02497629	-0.01607877	-0.01188687
334	0.02548216	-0.00864955	-0.01359685

335	0.02473686	-0.00214881	-0.01482112
336	0.02300513	0.00360262	-0.01569052
337	0.02047001	0.00869290	-0.01628429
338	0.01722916	0.01322244	-0.01665957
339	0.01314395	0.01740706	-0.01677094
340	0.00814258	0.02101792	-0.01656530
341	0.00217605	0.02390643	-0.01602853
342	-0.00481320	0.02542169	-0.01523333
343	-0.01079118	0.02538643	-0.01523437
344	-0.01624964	0.02424109	-0.01516009
345	-0.02107553	0.02233657	-0.01507543
346	-0.02508018	0.01996215	-0.01497776
347	-0.02834215	0.01730559	-0.01487873
348	-0.03137247	0.01391336	-0.01476941
349	-0.03389143	0.00980305	-0.01462966
350	-0.03575913	0.00513476	-0.01448097
351	-0.03664365	-0.00008477	-0.01437960
352	-0.03666358	-0.00408993	-0.01453175
353	-0.03604830	-0.00788905	-0.01465300
354	-0.03496773	-0.01124884	-0.01482866
355	-0.03347089	-0.01425398	-0.01503792
356	-0.03154733	-0.01697681	-0.01529899
357	-0.02930075	-0.01924488	-0.01558996
358	-0.02679197	-0.02115911	-0.01589567
359	-0.02399845	-0.02272449	-0.01623033
360	-0.02097116	-0.02376386	-0.01650649
361	-0.01756707	-0.02434221	-0.01732546
362	-0.01409228	-0.02429855	-0.01814118

363	-0.01072796	-0.02345566	-0.01870368
364	-0.00761030	-0.02221550	-0.01937339
365	-0.00517320	-0.02056360	-0.01972867
366	-0.00259043	-0.01785848	-0.02003168
367	-0.00081640	-0.01335420	-0.02046437
368	-0.00238312	-0.00631632	-0.02019586
369	-0.00426181	-0.00638076	-0.01786574
370	0.05202305	-0.01855049	0.00597855
371	0.05250656	-0.01859174	0.00327430
372	0.05346843	-0.01708182	-0.00380333
373	0.05417708	-0.01447865	-0.00917212
374	0.05440564	-0.01090952	-0.01349690
375	0.05410016	-0.00697046	-0.01681890
376	0.05338566	-0.00274061	-0.01938446
377	0.05229354	0.00199326	-0.02149165
378	0.05089778	0.00731900	-0.02295769
379	0.04931082	0.01316663	-0.02365414
380	0.04832438	0.01723815	-0.02366931
381	0.04692539	0.02124244	-0.02336223
382	0.04533105	0.02500036	-0.02270730
383	0.04353130	0.02854324	-0.02173870
384	0.04143625	0.03202398	-0.02048121
385	0.03893466	0.03552270	-0.01912113
386	0.03608748	0.03898579	-0.01739457
387	0.03266923	0.04258638	-0.01548249
388	0.02883733	0.04603394	-0.01344893
389	0.02376961	0.04910142	-0.01119931
390	0.01817787	0.05127664	-0.00918631

391	0.01205427	0.05246842	-0.00738443
392	0.00561982	0.05263151	-0.00594443
393	-0.00102751	0.05178020	-0.00474801
394	-0.00785002	0.04998314	-0.00383197
395	-0.01494353	0.04717772	-0.00328005
396	-0.02228318	0.04341995	-0.00288255
397	-0.02998476	0.03867862	-0.00275199
398	-0.03747183	0.03084826	-0.00277114
399	-0.04337659	0.02326847	-0.00303874
400	-0.04784954	0.01570646	-0.00329548
401	-0.05073412	0.00834996	-0.00348630
402	-0.05206429	0.00115775	-0.00349603
403	-0.05186122	-0.00558892	-0.00351555
404	-0.05026277	-0.01208873	-0.00359119
405	-0.04730640	-0.01841830	-0.00386558
406	-0.04290972	-0.02469414	-0.00425553
407	-0.03856982	-0.02899229	-0.00477013
408	-0.03399655	-0.03234582	-0.00532304
409	-0.02916096	-0.03485452	-0.00615116
410	-0.02397690	-0.03639074	-0.00710276
411	-0.01855913	-0.03688144	-0.00819704
412	-0.01306838	-0.03633592	-0.00937121
413	-0.00762663	-0.03482232	-0.01054335
414	-0.00183086	-0.03224297	-0.01176459
415	0.00403152	-0.02892702	-0.01310738
416	0.00838053	-0.02257953	-0.01490148
417	0.01133199	-0.01633320	-0.01691173
418	0.01295760	-0.01033773	-0.01888867

419	0.01317158	-0.00473981	-0.02043416
420	0.01207204	0.00023353	-0.02142653
421	0.00967017	0.00484540	-0.02197921
422	0.00593462	0.00904827	-0.02228973
423	0.00062191	0.01301096	-0.02236586
424	-0.00633453	0.01650710	-0.02238824
425	-0.01058059	0.01627575	-0.02221497
426	-0.01448040	0.01563123	-0.02211396
427	-0.01761973	0.01457899	-0.02208754
428	-0.02040213	0.01314469	-0.02202225
429	-0.02277128	0.01146397	-0.02199188
430	-0.02476533	0.00913756	-0.02205320
431	-0.02654405	0.00649260	-0.02212994
432	-0.02804293	0.00344716	-0.02215748
433	-0.02924749	-0.00030201	-0.02220907
434	-0.02920325	-0.00336521	-0.02233682
435	-0.02887876	-0.00588971	-0.02246231
436	-0.02832004	-0.00813090	-0.02258193
437	-0.02762068	-0.01005639	-0.02281091
438	-0.02670954	-0.01169648	-0.02297074
439	-0.02547404	-0.01307975	-0.02318355
440	-0.02380663	-0.01432775	-0.02346818
441	-0.02185077	-0.01536461	-0.02382101
442	-0.01963687	-0.01614985	-0.02417624
443	-0.01681964	-0.01596697	-0.02462951
444	-0.01491717	-0.01564345	-0.02493972
445	-0.01319676	-0.01519718	-0.02515356
446	-0.01128988	-0.01436952	-0.02547644

447	-0.00959430	-0.01341051	-0.02562862
448	-0.00785887	-0.01198316	-0.02617970
449	-0.00669564	-0.01117142	-0.02702626
450	-0.00646894	-0.00955382	-0.02818563
451	-0.00573906	-0.00582742	-0.01888729

Procrustes sums of squares: 0.2937948120094654

Tangent sums of squares: 0.2906226700607716

Data matrices in this dataset:

- PD_Cochlea, raw data
- PD_Cochlea, centroid size
- PD_Cochlea, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, PD_Cochlea, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00167908	17.910	17.910
2.	0.00152932	16.313	34.223
3.	0.00105942	11.301	45.524
4.	0.00066568	7.101	52.624
5.	0.00057308	6.113	58.737
6.	0.00048500	5.173	63.911
7.	0.00040804	4.352	68.263
8.	0.00033512	3.575	71.838

9.	0.00026529	2.830	74.668
10.	0.00024381	2.601	77.268
11.	0.00022927	2.446	79.714
12.	0.00019895	2.122	81.836
13.	0.00017098	1.824	83.660
14.	0.00015977	1.704	85.364
15.	0.00015520	1.656	87.020
16.	0.00013323	1.421	88.441
17.	0.00012529	1.336	89.777
18.	0.00010868	1.159	90.936
19.	0.00010275	1.096	92.032
20.	0.00009770	1.042	93.074
21.	0.00009252	0.987	94.061
22.	0.00008246	0.880	94.941
23.	0.00007704	0.822	95.763
24.	0.00007364	0.786	96.548
25.	0.00006769	0.722	97.270
26.	0.00006230	0.665	97.935
27.	0.00005765	0.615	98.550
28.	0.00004161	0.444	98.994
29.	0.00003993	0.426	99.420
30.	0.00003027	0.323	99.742
31.	0.00002415	0.258	100.000

Total variance: 0.00937492

Variance of the eigenvalues: 0.0000000058769

Eigenvalue variance scaled by total variance: 0.00007

Eigenvalue variance scaled by total variance and number of variables: 0.09007

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 1346.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	-0.036042		-0.035482		-0.024117		-0.042924		0.082480		0.017524	
	0.030731		0.037888		-0.011308		0.050416		0.017665		-0.028170	
	0.021617		0.044318		-0.006278		-0.000491		0.010619		-0.136226	
	-0.064323		0.034850		0.062638		0.080416		-0.012159		-0.046336	
	-0.133472		0.029883		0.004574		0.014629		-0.045953		-0.022291	
	-0.001087											
y1	0.008558		0.003755		-0.106420		-0.076460		0.048569		0.111258	
	0.078260		0.012812		-0.000262		0.139008		0.071619		-0.036339	
	0.040694		-0.039833		0.014519		0.020262		0.131228		-0.063340	
	0.081549		0.137000		0.065286		-0.084780		-0.000241		0.025805	
	-0.067435		0.053559		0.050645		0.077867		-0.096010		0.061361	
	-0.065316											
z1	-0.009135		0.112142		0.041677		-0.039676		-0.069502		0.026821	
	0.076686		-0.042571		0.016393		0.001022		0.039956		-0.087725	
	-0.024669		-0.000989		0.005620		0.046047		-0.017782		-0.032607	
	-0.036277		0.000573		-0.045691		-0.020933		0.031949		0.030363	
	-0.084828		-0.027217		0.024172		0.022633		-0.033429		0.015250	
	0.040352											
x2	-0.029202		-0.012677		0.027443		-0.001327		0.013400		0.003167	
	0.042431		0.020413		-0.062571		-0.023545		-0.044837		-0.001894	
	-0.043110		0.015844		0.040979		0.042652		-0.020134		0.002992	
	-0.041523		-0.098832		-0.029466		0.018855		-0.033044		-0.000614	

	-0.001070 0.022963	0.011210	-0.027649	-0.059837	0.009475	0.027424
y2	0.015970 -0.008163 0.046012 0.045280 -0.059985 -0.037214	0.009301 -0.015488 0.003478 0.023113 0.009630	-0.008364 0.030089 -0.025135 0.014495 0.023118	-0.006037 -0.013427 0.004350 0.023440 0.034582	-0.007895 -0.009838 0.017242 0.020574 -0.018479	-0.026352 -0.001137 -0.002850 -0.003339 0.003763
z2	-0.004926 0.056222 0.047714 0.001438 -0.079584 -0.002247	0.082009 -0.030892 0.033150 -0.046900 0.005924	0.021670 -0.031850 0.004416 -0.096768 -0.083979	-0.051677 0.015267 0.019724 0.013371 0.013099	-0.038562 0.010565 -0.012656 0.012870 -0.018003	0.009314 -0.051485 0.077703 0.053368 0.066004
x3	-0.031304 0.037790 -0.037903 -0.044543 -0.007676 0.016596	-0.015272 0.006916 0.018095 -0.087474 0.037129	0.015199 -0.061919 0.034939 -0.021906 -0.035446	-0.008438 -0.017581 0.038434 0.000059 -0.043612	0.022705 -0.047414 -0.009634 -0.011161 -0.002775	0.015701 -0.004799 -0.011759 -0.000202 0.006614
y3	0.006358 -0.013220 0.025946 -0.014804 -0.078539 -0.013128	0.031436 -0.026592 0.029737 0.010391 0.040141	0.008574 0.008644 -0.013731 -0.026752 -0.065834	0.000013 -0.009553 -0.004181 0.054148 0.040295	-0.015621 -0.025595 -0.021328 0.008283 -0.004269	-0.043891 -0.026110 0.042584 0.016258 0.013824
z3	-0.002161 0.060363 0.043596 -0.000191 -0.056273 0.004152	0.071019 -0.018208 0.024817 -0.027834 0.020987	0.004623 -0.009480 -0.011458 -0.041751 -0.040389	-0.050673 0.017771 0.026034 -0.005085 0.025755	-0.025935 0.041905 -0.001733 0.018830 -0.038401	0.029003 -0.054165 0.026780 0.040908 0.042830
x4	-0.025892 0.036132 -0.000546 -0.008830 -0.033364 0.009295	-0.030956 -0.003167 0.035701 -0.108279 0.019929	0.000781 -0.061314 0.038616 -0.041971 -0.036995	-0.025001 -0.004428 0.019251 -0.009947 -0.036960	0.038434 -0.057507 0.016925 -0.027520 -0.008089	0.000440 0.023321 0.008728 0.027592 -0.016698
y4	0.006350 0.008300 0.028518	0.029818 -0.014936 0.025859	-0.000007 -0.003771 -0.010967	-0.001801 -0.012485 0.022922	-0.021890 -0.022199 -0.000792	-0.031643 -0.016748 0.035285

	-0.041438	-0.006410	-0.013091	0.042808	0.014177	0.014141
	-0.041568	0.034895	-0.054726	0.041004	0.000325	0.018732
	-0.016425					
z4	-0.004092	0.076333	-0.004815	-0.047760	-0.045074	0.069805
	0.077701	0.008425	-0.006132	0.026085	0.057743	-0.083259
	0.010861	-0.009714	-0.017104	0.037860	0.000074	0.002748
	-0.002565	0.026225	-0.000125	-0.048269	0.045836	0.019694
	0.014808	0.026446	-0.013586	0.033929	-0.028613	0.028330
	0.006474					
x5	-0.026672	-0.034808	-0.006299	-0.032481	0.036614	0.005792
	0.035490	-0.012492	-0.055845	0.005653	-0.061662	0.019001
	0.004632	0.028820	0.036298	0.009156	0.018452	0.021260
	0.007473	-0.078336	-0.046333	-0.021482	-0.028263	0.036582
	-0.022565	0.021795	-0.032393	-0.012889	-0.016456	-0.033982
	0.000056					
y5	0.001523	0.040536	-0.010237	-0.020908	-0.040308	0.029441
	0.063445	0.001366	-0.015236	-0.000765	-0.008299	-0.051853
	-0.023123	-0.015766	0.008326	0.069494	0.049533	-0.044649
	-0.070920	0.022915	0.012663	-0.046058	0.092022	0.015169
	0.061956	0.025558	-0.008795	0.070393	-0.020198	0.015959
	-0.014217					
z5	0.002656	0.063675	-0.010122	-0.043588	-0.034917	0.043909
	0.061931	0.022199	-0.008829	0.021016	0.053540	-0.045784
	0.044510	0.013261	-0.022654	0.013889	-0.021176	0.061534
	0.027826	0.017821	0.001691	-0.000896	-0.005880	0.027566
	-0.019440	0.003162	-0.030328	-0.008755	0.001231	0.020914
	-0.004674					
x6	-0.027918	-0.036258	-0.004961	-0.027165	0.033650	-0.002598
	0.026322	-0.031576	-0.043316	0.007429	-0.060597	0.013960
	0.008579	0.017471	0.025566	0.002991	0.008403	0.043462
	0.034101	-0.039034	-0.049710	-0.006436	-0.045561	0.026764
	-0.018811	0.038022	-0.024324	0.002211	-0.035708	-0.051038
	-0.028768					
y6	0.002917	0.034750	-0.018000	-0.031330	-0.033916	0.034174
	0.074963	0.010535	-0.034483	0.007737	-0.010867	-0.031559
	-0.003427	0.002953	0.016562	0.062490	0.053918	-0.027052
	-0.038706	0.006843	0.000628	-0.051404	0.075200	0.033657
	0.041795	0.003911	-0.018565	0.050095	-0.011613	0.022147
	0.000543					
z6	0.008158	0.055844	-0.009402	-0.039156	-0.029171	0.019835
	0.050675	0.018382	-0.002683	0.013284	0.051357	-0.020295

	0.059752	0.022727	-0.026280	0.000684	-0.027862	0.093906
	0.050909	0.018332	0.007687	0.043782	-0.048817	0.029690
	-0.034573	-0.021762	-0.023849	-0.032682	0.005270	0.008756
	-0.018033					
x7	-0.030961	-0.039638	-0.004236	-0.019461	0.033548	-0.011616
	0.005655	-0.033381	-0.037053	0.014323	-0.065258	0.006836
	0.008176	0.017794	0.018939	-0.021010	-0.010293	0.052745
	0.016644	-0.021954	-0.056691	-0.011629	-0.035264	0.007511
	-0.020102	0.063463	-0.051714	-0.000732	-0.023678	-0.028348
	-0.022434					
y7	0.002880	0.028393	-0.026368	-0.037116	-0.034998	0.038528
	0.069986	0.023001	-0.051852	0.021043	-0.023747	-0.022883
	0.008396	0.016338	0.018295	0.044750	0.049503	0.002312
	-0.024772	0.013241	-0.007967	-0.061570	0.062164	0.033696
	0.039775	0.011935	-0.042859	0.036202	0.008948	0.020409
	-0.003934					
z7	0.009787	0.056886	-0.007935	-0.034421	-0.037643	0.023938
	0.052191	0.019143	0.005451	0.005202	0.053876	-0.024284
	0.040251	0.003289	-0.024646	0.001568	-0.021810	0.070733
	0.030169	0.026866	0.028131	0.043516	-0.032520	0.012565
	-0.002219	-0.042926	-0.013049	-0.036000	0.013809	0.017012
	0.001205					
x8	-0.031979	-0.044305	-0.003413	-0.006293	0.034408	-0.018747
	-0.013882	-0.036263	-0.028641	0.011514	-0.064656	0.004173
	0.017052	0.026959	0.017436	-0.023637	-0.020239	0.065037
	-0.011604	-0.020041	-0.048361	-0.003649	-0.040288	0.008173
	-0.016461	0.058694	-0.062874	0.006989	-0.010437	-0.000058
	-0.024401					
y8	0.003949	0.018127	-0.033307	-0.041470	-0.033497	0.031216
	0.058569	0.024341	-0.061764	0.031089	-0.033204	-0.010441
	0.016445	0.033209	0.025002	0.022923	0.034128	0.048487
	-0.009769	0.022463	-0.016300	-0.042675	0.039555	0.034768
	0.035898	0.021362	-0.059259	0.014613	0.015414	0.007438
	-0.031207					
z8	0.015792	0.052007	-0.008394	-0.028847	-0.035442	0.014252
	0.042896	0.021420	0.007754	-0.006989	0.049860	-0.008185
	0.040571	0.007459	-0.022307	-0.000369	-0.012094	0.062000
	0.014718	0.010956	0.043051	0.061369	-0.032920	0.009313
	0.000460	-0.063361	-0.014405	-0.049239	0.031606	0.020064
	0.006553					

x9	-0.032561	-0.045630	-0.001460	0.005237	0.033970	-0.018756
	-0.027132	-0.037418	-0.020927	0.009982	-0.055002	0.009323
	0.017485	0.016198	0.008133	-0.011006	-0.024400	0.052068
	-0.047777	-0.022955	-0.025234	0.001798	-0.026415	0.015023
	0.005563	0.032397	-0.061519	0.005275	0.000125	0.005895
	-0.011250					
y9	0.004861	0.010707	-0.038053	-0.042976	-0.036664	0.032753
	0.050124	0.022494	-0.062413	0.021101	-0.029668	0.004262
	0.029666	0.044068	0.026498	0.009372	0.016098	0.084358
	0.002873	0.019315	-0.005774	-0.017399	0.021095	0.036133
	0.034146	0.013361	-0.075458	-0.009924	0.040167	0.005781
	-0.031401					
z9	0.020000	0.046687	-0.005492	-0.022513	-0.026790	0.000811
	0.031040	0.020324	0.010156	-0.005634	0.035119	0.005141
	0.027961	0.005810	-0.024997	0.002856	0.008239	0.039165
	-0.015812	-0.002809	0.053269	0.067692	-0.026015	0.007320
	0.011013	-0.070070	0.000112	-0.061421	0.033615	0.008505
	-0.003579					
x10	-0.029664	-0.039880	-0.003231	0.007595	0.031469	-0.005739
	-0.023538	-0.030588	-0.012695	0.025247	-0.047265	-0.000202
	0.004766	-0.008421	0.003696	0.010514	-0.021871	0.029314
	-0.058481	-0.016805	-0.027339	-0.023637	-0.007958	0.014647
	0.032642	0.018792	-0.051656	0.010477	-0.007111	0.038155
	0.004414					
y10	0.005613	0.001979	-0.040012	-0.037159	-0.038337	0.033523
	0.041926	0.014996	-0.055444	0.008346	-0.024939	0.008031
	0.031417	0.042524	0.025472	0.002910	0.013501	0.085574
	-0.013307	0.017008	0.008060	-0.007817	0.023703	0.040691
	0.045007	0.014808	-0.077863	-0.007444	0.053782	-0.010358
	-0.037922					
z10	0.024886	0.049305	-0.003388	-0.025050	-0.031347	0.000621
	0.043521	0.022386	0.013792	0.001172	0.021930	-0.013172
	-0.006901	-0.001279	-0.025175	-0.003492	0.040119	-0.001276
	-0.043309	0.002769	0.042532	0.037123	0.008926	-0.022406
	0.038889	-0.031350	0.028501	-0.021987	0.028169	-0.017864
	-0.037664					
x11	-0.021549	-0.035868	-0.008868	0.004581	0.028363	0.004414
	-0.020194	-0.023809	-0.009818	0.032999	-0.045710	0.001387
	0.014567	-0.006969	-0.006235	0.010387	-0.034446	0.044232
	-0.007464	-0.014525	-0.044691	-0.027682	-0.017610	0.014912
	0.006819	0.020329	-0.043574	0.003709	-0.008951	0.041023
	0.005254					

y11	0.011880	-0.006309	-0.045217	-0.027658	-0.040120	0.038063
	0.035833	0.006793	-0.056768	0.004331	-0.020118	0.006065
	0.029241	0.038979	0.021929	0.000362	0.021167	0.070563
	-0.011001	0.024772	0.031406	-0.008101	0.025273	0.044943
	0.033263	0.013785	-0.073370	-0.006120	0.038214	-0.009952
	0.003033					
z11	0.028068	0.043810	-0.003333	-0.033071	-0.036613	-0.001522
	0.044478	0.039165	0.014841	-0.005767	0.025650	-0.012134
	0.004483	0.002005	-0.018243	-0.019422	0.033475	0.004647
	-0.010451	0.007934	0.016493	0.024470	-0.027008	-0.029086
	-0.006522	-0.026910	0.040019	-0.014856	0.061849	-0.035493
	-0.065659					
x12	-0.020411	-0.033476	-0.010804	0.002108	0.023008	0.009764
	-0.022805	-0.029407	-0.003299	0.027767	-0.033324	-0.008822
	0.018150	0.005159	-0.009704	0.012308	-0.038301	0.034557
	0.001968	-0.016317	-0.041881	-0.021431	0.003397	0.007286
	0.002405	0.030530	-0.027977	0.010905	-0.022151	0.040780
	0.006912					
y12	0.016834	-0.012538	-0.048301	-0.026442	-0.032653	0.044170
	0.026987	0.001414	-0.065522	0.027257	-0.021123	0.008259
	0.027289	0.039613	0.010879	-0.001953	0.032285	0.066379
	0.017685	0.022866	0.038655	0.018287	0.030900	0.028487
	0.033092	0.012975	-0.068060	-0.018294	-0.008443	-0.012193
	0.043320					
z12	0.031306	0.036570	-0.003765	-0.032426	-0.041404	-0.014284
	0.037251	0.043650	0.018933	-0.017912	0.031408	-0.012254
	-0.005706	0.002674	-0.004944	-0.023333	0.032808	-0.015511
	-0.020269	0.013835	0.008903	0.026710	-0.043274	-0.032268
	-0.023834	-0.023844	0.042129	-0.014584	0.068163	-0.038193
	-0.070093					
x13	-0.017415	-0.026203	-0.010832	0.005627	0.012846	0.007045
	-0.022122	-0.027312	-0.006347	0.011720	-0.019910	-0.014872
	0.011761	0.021588	-0.005643	0.011098	-0.038584	0.007036
	-0.008959	-0.012056	-0.029671	-0.008757	0.031874	0.000319
	0.003748	0.040074	-0.025457	0.012736	-0.023953	0.037602
	0.011063					
y13	0.024315	-0.011121	-0.050911	-0.031797	-0.030840	0.044939
	0.005852	0.004252	-0.041784	0.032923	-0.024818	0.005747
	0.027791	0.020070	0.007418	-0.012426	0.037895	0.063961
	0.005680	0.017573	0.030542	-0.003571	0.010969	0.034215
	0.002971	0.032573	-0.034857	0.005308	0.039062	-0.009426
	-0.008539					

z13	0.034522	0.032264	-0.005332	-0.038333	-0.050401	-0.026547
	0.024811	0.046140	0.029970	-0.033331	0.036225	-0.007046
	-0.011867	-0.008454	0.004251	-0.016532	0.015819	-0.032662
	-0.045423	0.007451	0.008694	-0.009953	-0.064426	-0.009468
	-0.053607	-0.025502	0.040703	-0.010511	0.128543	-0.032167
	-0.089767					
x14	-0.015938	-0.015349	-0.006058	0.022022	0.010479	0.006453
	-0.009031	-0.025229	-0.018319	-0.006410	-0.002170	-0.007722
	0.012428	0.042532	0.004376	-0.004977	-0.025103	-0.033320
	-0.004876	-0.005696	-0.021732	0.033536	0.070091	-0.030978
	0.026212	0.015863	-0.061556	0.023568	-0.064309	0.037551
	0.061246					
y14	0.034173	-0.006928	-0.043910	-0.027312	-0.032226	0.036391
	-0.000736	0.004406	-0.033603	0.037179	-0.024282	0.007161
	0.014442	0.028727	0.015094	-0.020987	0.059801	0.049273
	0.010312	0.028717	0.018944	0.024375	0.008222	0.027130
	-0.004142	0.029197	-0.012543	0.016086	0.021992	-0.006491
	-0.020837					
z14	0.031590	0.027177	-0.004995	-0.033093	-0.048029	-0.026755
	0.025051	0.051472	0.019956	-0.026660	0.034138	0.006116
	-0.009044	-0.006137	0.003266	-0.025072	0.005731	-0.050295
	-0.047036	0.004552	0.018178	-0.002931	-0.042940	-0.029540
	-0.029167	-0.044143	-0.007946	-0.034547	0.117514	-0.019546
	-0.020702					
x15	-0.016112	-0.005930	0.005072	0.017737	0.007811	-0.007400
	-0.007731	-0.019433	0.008205	-0.031417	-0.000866	-0.012265
	0.004162	0.036298	-0.000772	0.014178	-0.034651	-0.035199
	-0.021171	-0.003854	-0.019217	0.021122	0.030585	-0.003244
	0.024634	-0.003396	-0.025646	0.030205	-0.032424	0.017922
	-0.007333					
y15	0.035831	-0.005218	-0.038552	-0.018028	-0.030166	0.035177
	-0.003596	0.014337	-0.043358	0.041905	-0.029299	0.016850
	-0.012089	0.061101	0.019783	-0.028154	0.077352	0.041804
	0.018297	0.036015	0.021431	0.065210	0.024602	0.003366
	0.029198	0.021443	0.000359	-0.023745	-0.035404	-0.009532
	0.025882					
z15	0.029341	0.024171	-0.001119	-0.026555	-0.048071	-0.033952
	0.035002	0.035721	0.025522	-0.014547	0.037696	0.018888
	-0.002592	-0.004457	-0.000061	-0.016603	0.007162	-0.053186
	-0.026623	0.018393	0.026181	0.013970	-0.050887	-0.035589
	0.008353	-0.061957	-0.012764	-0.039924	0.062358	-0.026680
	0.000163					

x16	-0.019071	-0.002128	0.012262	0.013619	0.006743	-0.015611
	-0.005603	-0.006020	0.020552	-0.045144	-0.002118	-0.014233
	0.004991	0.032090	-0.014526	0.025038	-0.057133	-0.033179
	-0.044776	0.000489	-0.010812	0.001447	0.017072	0.016750
	0.027293	-0.011647	-0.020118	0.021709	-0.004931	0.005734
	-0.030184					
y16	0.037707	0.000063	-0.028705	-0.018829	-0.029259	0.025601
	-0.017744	0.028704	-0.027070	0.038925	-0.032690	0.025534
	-0.030999	0.063199	0.015738	-0.027525	0.078736	0.035243
	0.012605	0.038586	0.020566	0.062963	0.021036	-0.003268
	0.029246	0.020087	0.018341	-0.027991	-0.012548	0.000673
	0.010328					
z16	0.029188	0.019603	-0.001796	-0.026288	-0.042314	-0.037811
	0.038331	0.030028	0.023615	-0.004657	0.034636	0.017162
	-0.003862	-0.002868	-0.007441	-0.013688	0.002217	-0.046138
	-0.014824	0.028512	0.034809	0.024620	-0.042933	-0.036190
	0.037695	-0.064607	-0.018043	-0.049701	0.014131	-0.036300
	0.021123					
x17	-0.022492	-0.001554	0.016039	0.008876	0.005688	-0.026867
	0.002197	0.005250	0.025648	-0.048968	0.006407	-0.021799
	0.020424	0.022547	-0.018520	0.030913	-0.074300	-0.049556
	-0.047755	-0.002186	-0.006147	-0.014133	0.018956	0.017855
	0.027274	-0.022131	-0.035273	0.016410	0.006446	-0.009738
	-0.031805					
y17	0.039304	0.000492	-0.031554	-0.013564	-0.022168	0.020811
	-0.026426	0.024179	-0.015591	0.020541	-0.009264	0.036230
	-0.029101	0.049423	0.006541	-0.032518	0.073958	0.012977
	0.015727	0.053935	0.054318	0.071063	0.031114	-0.008126
	0.024466	0.021741	0.027025	-0.004430	-0.010844	0.004563
	0.014049					
z17	0.031563	0.018313	0.001044	-0.035154	-0.037119	-0.044129
	0.030377	0.036713	0.030206	0.009292	0.015303	0.001793
	-0.011172	-0.006307	-0.009700	-0.010019	-0.004372	-0.038905
	-0.011674	0.019147	0.024226	0.018447	-0.033907	-0.032392
	0.037987	-0.058366	-0.020043	-0.054763	0.020179	-0.035316
	0.000452					
x18	-0.024931	-0.005288	0.011795	0.005217	0.004729	-0.036245
	0.017726	0.005602	0.033602	-0.049075	0.019887	-0.035197
	0.034332	0.021779	-0.019301	0.038559	-0.076738	-0.074958
	-0.030335	-0.004753	0.001735	-0.023810	0.012590	0.024561
	0.029715	-0.022645	-0.038248	-0.001295	-0.004368	-0.040570
	-0.035651					

y18	0.040745	0.004926	-0.028634	-0.014955	-0.026631	0.009256
	-0.032457	0.019372	-0.002119	0.008899	0.000552	0.043537
	-0.037182	0.049204	0.006117	-0.024203	0.071242	0.000589
	0.012681	0.063140	0.064484	0.059295	0.037963	-0.009797
	0.018710	0.010126	0.043282	-0.003142	-0.012706	0.001976
	0.003757					
z18	0.034232	0.017805	-0.002447	-0.038470	-0.027216	-0.041667
	0.020620	0.020591	0.035943	0.016350	0.004823	0.001541
	-0.011858	-0.003689	-0.009839	-0.007395	-0.011099	-0.016744
	-0.005366	0.008808	0.018918	0.021261	-0.016856	-0.015952
	0.040729	-0.040297	-0.016407	-0.050959	0.035877	-0.026018
	-0.036154					
x19	-0.017570	-0.005083	0.004721	0.004018	-0.012101	-0.053414
	0.035930	0.018050	0.028367	-0.065707	0.025413	-0.056112
	0.035287	0.040613	-0.009879	0.025006	-0.087842	-0.093155
	-0.009934	-0.004939	-0.006554	-0.025709	0.004004	0.037732
	-0.019018	-0.019400	-0.046875	-0.009579	-0.007822	-0.049811
	-0.000252					
y19	0.033898	0.011504	-0.023256	-0.018504	-0.021543	0.006312
	-0.032277	0.005429	0.004418	0.015712	0.000445	0.036556
	-0.047811	0.030398	-0.003150	-0.016937	0.073728	0.015837
	0.006484	0.051333	0.059563	0.045166	0.058651	-0.012036
	0.027873	-0.009896	0.026826	-0.006622	0.003771	0.023315
	0.004276					
z19	0.030501	0.017208	-0.004806	-0.040400	-0.001964	-0.033004
	0.000284	-0.009805	0.041663	0.032849	-0.007738	0.006260
	-0.009365	-0.000897	-0.019184	-0.006380	-0.010817	0.024513
	-0.010443	-0.010543	0.030801	0.033659	0.016740	-0.019357
	0.087541	-0.026163	-0.012642	-0.035826	0.033755	-0.003877
	-0.052749					
x20	-0.019569	-0.009276	0.000666	-0.000374	-0.002654	-0.062585
	0.044410	0.011018	0.030312	-0.064848	0.023444	-0.064560
	0.049241	0.045273	-0.014421	0.018638	-0.102204	-0.070802
	0.002859	-0.011280	-0.012628	-0.041646	-0.005675	0.054438
	-0.019934	-0.024665	-0.052452	0.001592	0.010161	-0.036631
	0.019558					
y20	0.017838	0.012314	-0.018928	-0.018025	-0.000763	0.008103
	-0.026386	-0.015341	0.013491	0.036441	-0.013226	0.019230
	-0.056848	-0.000291	-0.021139	-0.009068	0.066689	0.035164
	-0.002902	0.022083	0.050716	0.022829	0.046450	-0.013738
	0.058807	-0.031330	0.004231	-0.010051	-0.004879	0.043900
	-0.000641					

z20	0.035458	0.024788	-0.012975	-0.036472	0.000469	-0.036505
	-0.008922	-0.014752	0.037848	0.027869	-0.001839	-0.003257
	-0.019005	0.008705	-0.003596	-0.016901	0.006797	0.022437
	-0.019565	-0.003653	0.038305	0.027459	0.041914	-0.013922
	0.109137	-0.026571	-0.023420	-0.023841	0.021826	0.006699
	-0.027180					
x21	-0.021455	-0.014952	-0.006126	-0.005207	0.011555	-0.067475
	0.050537	0.002205	0.029179	-0.063180	0.019540	-0.069628
	0.061000	0.048615	-0.010781	0.009705	-0.106107	-0.041978
	0.009743	-0.009068	-0.011679	-0.049154	-0.006981	0.072867
	0.000959	-0.022857	-0.065218	-0.010074	0.003229	-0.048276
	0.003730					
y21	0.013895	0.012501	-0.013164	-0.016019	0.002644	-0.006870
	-0.018133	-0.017335	0.024013	0.033543	-0.019784	0.011901
	-0.061137	-0.008500	-0.018469	-0.007207	0.048906	0.023826
	-0.010171	0.021156	0.046583	0.012756	0.043986	-0.003971
	0.070011	-0.025273	0.003054	-0.002436	-0.013314	0.035437
	-0.006737					
z21	0.043639	0.034412	-0.020071	-0.033753	-0.005635	-0.034037
	-0.011751	-0.011896	0.036793	0.019826	0.007815	-0.010998
	-0.032238	0.021981	0.012553	-0.027988	0.022908	0.000552
	-0.017528	0.011301	0.042221	0.020626	0.044669	-0.013089
	0.101574	-0.028351	-0.026052	-0.023808	0.001342	0.004514
	-0.039117					
x22	-0.024893	-0.021582	-0.010938	-0.008310	0.023985	-0.055620
	0.050070	-0.005994	0.040093	-0.054240	0.014359	-0.081011
	0.078914	0.042143	-0.011666	-0.005797	-0.109881	-0.009559
	0.014309	-0.008357	0.004688	-0.039588	-0.018679	0.076922
	0.011525	-0.015495	-0.071408	-0.023117	0.008456	-0.056998
	0.008903					
y22	0.024286	0.014388	-0.014522	-0.019776	-0.014154	-0.034129
	0.003772	-0.000942	0.016974	0.014498	-0.009977	-0.003147
	-0.064682	-0.001075	0.008595	-0.020922	0.045239	0.001112
	-0.020217	0.026066	0.021741	-0.005898	0.033773	0.020775
	0.045074	-0.018526	-0.010298	-0.001399	-0.016865	0.017057
	0.021122					
z22	0.048109	0.041175	-0.020340	-0.033074	-0.006612	-0.025178
	-0.013100	-0.014094	0.040439	0.011589	0.011227	-0.009762
	-0.042221	0.031197	0.020895	-0.024772	0.018607	-0.010097
	-0.013696	0.035168	0.052521	0.006243	0.027736	-0.024461
	0.110696	-0.023861	-0.023219	-0.025049	-0.009055	-0.017816
	-0.039728					

x23	-0.019030	-0.031884	-0.012207	-0.015105	0.022292	-0.038734
	0.058758	0.001649	0.049307	-0.040444	0.020909	-0.076769
	0.078862	0.031944	0.016350	-0.030819	-0.053414	0.037449
	0.002295	-0.009542	0.022895	-0.023484	0.017539	0.083327
	-0.039671	-0.017880	-0.043146	-0.014705	0.013470	-0.029327
	0.048545					
y23	0.026260	0.015152	-0.013773	-0.024662	-0.008890	-0.044239
	0.029559	-0.002828	0.014915	0.011962	-0.011418	-0.025065
	-0.040430	-0.000802	0.014119	-0.022063	0.024572	0.001659
	-0.024906	0.015782	0.003185	-0.044373	0.021820	0.023576
	0.056585	-0.027612	-0.018565	-0.012998	-0.020747	0.016520
	0.041569					
z23	0.047749	0.043762	-0.015440	-0.031226	-0.010910	-0.012500
	-0.010961	-0.014378	0.043489	0.017684	0.015616	-0.012041
	-0.053794	0.021344	0.030226	-0.033735	0.016551	0.000849
	-0.021752	0.043219	0.062492	0.004001	0.022453	-0.029250
	0.099289	-0.011833	-0.024965	-0.014990	-0.013481	0.000977
	-0.021407					
x24	-0.014943	-0.032804	-0.027209	-0.018167	0.031355	-0.037131
	0.049739	-0.007744	0.024741	-0.042546	0.025427	-0.070119
	0.081213	0.053073	0.010843	-0.042488	-0.066370	-0.012767
	0.011031	-0.021909	0.021094	-0.021399	-0.003516	0.041175
	-0.017405	-0.043258	-0.036178	-0.002639	0.017608	-0.036776
	0.027908					
y24	0.028440	0.018930	-0.013976	-0.020497	-0.007509	-0.049712
	0.048898	-0.016676	0.028163	0.007598	-0.022747	-0.051695
	-0.017139	0.007043	0.006038	-0.024523	-0.004223	-0.005860
	-0.011205	0.010684	0.006929	-0.049409	0.010077	0.023820
	0.049598	-0.029872	-0.035840	-0.020670	-0.013021	-0.002748
	0.045422					
z24	0.045018	0.045586	-0.012036	-0.032594	-0.014790	-0.000954
	-0.009090	-0.020158	0.035828	0.021744	0.016369	-0.011660
	-0.060882	0.008544	0.038336	-0.033530	0.016425	-0.017238
	-0.024916	0.027775	0.051676	0.014470	0.021251	-0.029883
	0.079503	0.001303	-0.022370	-0.009508	-0.024933	0.009705
	-0.016845					
x25	-0.009941	-0.036370	-0.034173	-0.015407	0.031758	-0.029111
	0.037693	-0.011717	0.022080	-0.036093	0.029486	-0.062515
	0.072636	0.056829	0.003069	-0.059079	-0.061623	-0.021603
	0.019050	-0.008176	0.040649	-0.006663	-0.011732	0.022594
	-0.014045	-0.041447	-0.032264	0.008160	0.025814	-0.020438
	0.031637					

y25	0.030854	0.016395	-0.018650	-0.021475	-0.001242	-0.053040
	0.056264	-0.026490	0.026226	0.007397	-0.025406	-0.056031
	-0.006818	0.015820	0.012356	-0.027990	-0.011219	-0.017705
	0.000037	0.004437	0.004824	-0.052883	0.013789	0.026442
	0.035390	-0.032062	-0.038086	-0.015303	0.000070	-0.013131
	0.035278					
z25	0.041985	0.048925	-0.003555	-0.031131	-0.019125	0.003083
	-0.003471	-0.024530	0.032771	0.025199	0.016432	-0.010540
	-0.066210	-0.005180	0.038624	-0.028225	0.007692	-0.022693
	-0.021814	0.034965	0.042478	0.012587	0.014281	-0.027337
	0.074958	0.010395	-0.014598	0.003622	-0.033427	0.017724
	-0.004060					
x26	-0.003986	-0.039226	-0.038337	-0.017037	0.032236	-0.017194
	0.032507	-0.012228	0.026151	-0.031824	0.024933	-0.059366
	0.074229	0.061463	-0.002879	-0.070334	-0.054119	-0.032964
	0.025020	-0.002909	0.056512	-0.008153	-0.011871	0.014390
	-0.008592	-0.027263	-0.038230	0.007419	0.032945	-0.010421
	0.017796					
y26	0.034612	0.011957	-0.019822	-0.023251	0.002460	-0.054225
	0.052673	-0.030836	0.024015	0.011820	-0.019505	-0.048127
	-0.000475	0.019093	0.023949	-0.040753	-0.009637	-0.018837
	0.009670	0.003402	0.002013	-0.051535	0.018014	0.027640
	0.017571	-0.019240	-0.038981	0.000464	0.018246	-0.014237
	0.022004					
z26	0.037517	0.054466	0.004723	-0.029769	-0.021492	0.007088
	0.005590	-0.029969	0.031820	0.022856	0.005171	-0.014017
	-0.061446	-0.009287	0.034245	-0.017178	-0.011123	-0.033580
	-0.015722	0.035207	0.029730	-0.000141	0.011683	-0.024051
	0.071634	0.021932	-0.011340	0.007659	-0.036147	0.015732
	-0.002152					
x27	0.000304	-0.043240	-0.042237	-0.019096	0.028485	-0.007899
	0.032187	-0.010414	0.026319	-0.028599	0.018279	-0.050035
	0.068677	0.057335	-0.003340	-0.072636	-0.040942	-0.044957
	0.027457	0.012859	0.062135	-0.012155	-0.004541	0.019649
	-0.016621	-0.011534	-0.046587	0.011858	0.028419	-0.008209
	0.005694					
y27	0.038344	0.007948	-0.021051	-0.024695	0.006469	-0.049499
	0.055603	-0.038957	0.023110	0.016890	-0.018516	-0.049536
	0.016030	0.025612	0.034124	-0.059032	-0.014725	-0.011730
	0.018975	-0.006568	-0.000174	-0.041654	-0.002426	0.007496
	0.012341	-0.026028	-0.024413	0.010041	0.040576	0.014557
	0.004461					

z27	0.031930	0.057899	0.011988	-0.027614	-0.027560	0.005905
	0.015269	-0.035488	0.030549	0.020305	-0.002443	-0.017376
	-0.061751	-0.013830	0.036386	-0.011661	-0.026239	-0.037295
	-0.011986	0.037236	0.012652	-0.003452	0.008886	-0.010216
	0.049108	0.030770	-0.005902	0.014460	-0.031229	0.021695
	0.007333					
x28	0.001648	-0.046840	-0.048080	-0.022933	0.026653	0.000924
	0.030722	-0.006678	0.019891	-0.016979	0.019638	-0.034561
	0.044542	0.041523	-0.014472	-0.059870	-0.017633	-0.056951
	0.024280	0.028638	0.062911	-0.019961	0.001760	0.025106
	-0.016487	-0.022581	-0.040336	0.028953	0.031557	0.005034
	0.018877					
y28	0.041332	0.008083	-0.019389	-0.021169	-0.002611	-0.038007
	0.043930	-0.040502	0.025537	-0.000911	-0.013962	-0.053337
	0.037812	0.039305	0.042531	-0.068550	-0.033353	-0.010830
	0.022946	0.010509	0.014644	-0.015269	-0.035454	-0.030802
	0.003196	-0.024719	-0.014220	0.002848	0.068350	0.026420
	0.010638					
z28	0.021389	0.069130	0.029262	-0.018255	-0.031797	0.002903
	0.025910	-0.042656	0.038775	0.019974	-0.008206	-0.031931
	-0.057524	-0.014624	0.029957	-0.000869	-0.042999	-0.042857
	-0.023725	0.036908	-0.008198	-0.001892	-0.006457	-0.008342
	0.035433	0.037502	0.004743	0.012100	-0.028491	0.027182
	0.017477					
x29	-0.006926	-0.044483	-0.045261	-0.015447	0.020681	0.009762
	0.023913	0.003859	0.018194	0.003877	0.022917	-0.026433
	0.012706	0.013442	-0.038557	-0.022948	-0.022079	-0.065776
	0.031834	0.039484	0.069785	-0.012402	-0.001686	0.022992
	0.003963	-0.012805	-0.033194	0.043059	0.032755	0.000586
	0.032603					
y29	0.037000	0.005273	-0.027778	-0.031481	0.003538	-0.018715
	0.034972	-0.038082	0.013473	-0.005073	0.009779	-0.044794
	0.052920	0.022967	0.059371	-0.067888	-0.021841	-0.013436
	0.007958	0.003146	0.005702	0.008387	-0.047484	-0.042603
	0.015152	-0.039747	0.006777	0.004503	0.059577	0.013854
	-0.004101					
z29	0.010854	0.079195	0.038342	-0.019144	-0.028835	0.000185
	0.034400	-0.043030	0.042618	0.019217	-0.013733	-0.029129
	-0.052099	-0.009762	0.027803	0.005867	-0.037283	-0.045322
	-0.026146	0.029680	-0.038366	0.000059	-0.025605	-0.002222
	0.012930	0.036742	0.007797	0.000475	-0.019254	0.018739
	0.024255					

x30	-0.007223	-0.043146	-0.039097	-0.018689	0.002097	0.005644
	0.009364	0.025732	-0.006744	0.007117	0.038971	-0.027292
	-0.007916	0.006839	-0.031257	0.009128	-0.014928	-0.078426
	0.025060	0.026312	0.055047	-0.006037	0.005996	0.006878
	0.012579	-0.003694	0.003972	0.035782	0.015921	-0.008061
	0.025334					
y30	0.046978	-0.007943	-0.040916	-0.063831	-0.013777	-0.033826
	0.052007	-0.035394	-0.019720	0.005438	0.045120	-0.051433
	0.057613	0.024223	0.064149	-0.030909	-0.014647	-0.052030
	0.030751	-0.023833	-0.002381	0.004165	-0.013642	0.005236
	-0.013049	-0.030134	0.029048	-0.016537	0.054167	0.010140
	0.001417					
z30	-0.000018	0.081922	0.040791	-0.026308	-0.007879	0.001438
	0.043174	-0.048257	0.041924	0.014243	-0.032044	0.000620
	-0.043958	-0.011632	0.037906	-0.015329	-0.002745	-0.024994
	-0.017503	0.011871	-0.085330	-0.013165	-0.033792	0.015663
	-0.005000	0.013739	-0.000640	0.023003	-0.013742	0.010654
	0.016332					
x31	-0.011308	-0.045265	-0.035232	-0.022884	0.030511	0.004071
	0.007615	0.035240	-0.013084	0.019981	0.020339	-0.002914
	-0.010206	0.002197	-0.021490	0.014835	0.026349	-0.050150
	0.000634	-0.004780	0.017684	-0.031018	0.014066	0.005500
	0.037072	-0.040702	0.017490	0.031869	-0.000313	0.007221
	-0.000564					
y31	0.035375	-0.000736	-0.042597	-0.035500	0.007759	-0.009001
	0.018047	-0.030584	-0.000763	-0.001070	0.041366	-0.020149
	0.042157	0.021657	0.029276	-0.066953	-0.018676	-0.027973
	0.033537	0.032129	-0.002126	0.043886	-0.081517	-0.035627
	-0.020226	-0.006006	0.031780	0.043609	0.080808	0.028603
	-0.000312					
z31	-0.007740	0.080457	0.045329	-0.036250	-0.000001	-0.008493
	0.051837	-0.061676	0.024738	0.014394	-0.040689	0.008160
	-0.027339	-0.016429	0.038291	-0.003695	0.007317	0.002172
	0.003629	-0.011545	-0.110578	-0.018766	-0.019560	0.041049
	-0.040763	0.012366	-0.001101	0.012573	-0.009908	0.013481
	0.032195					
x32	-0.016098	-0.035298	-0.020482	-0.009539	0.014085	0.004001
	-0.016019	0.031751	-0.016715	0.012160	0.024367	-0.008690
	-0.012012	-0.001209	-0.024722	0.033098	-0.011322	-0.019771
	-0.013830	-0.007020	0.015200	-0.009590	-0.002389	-0.024988
	0.042463	-0.034924	0.026628	-0.019661	0.010944	0.010872
	-0.011115					

y32	0.027442	0.002855	-0.049653	-0.034615	0.009730	0.009403
	0.022608	-0.029220	0.006182	0.012687	0.039324	-0.018709
	0.021347	0.004247	0.026602	-0.052980	0.009565	-0.041372
	0.018340	0.043354	0.002898	0.020272	-0.069231	-0.031552
	0.007546	-0.004017	0.046572	0.066211	0.065437	0.022131
	-0.000200					
z32	-0.011033	0.084906	0.049570	-0.033276	-0.007906	-0.016077
	0.044608	-0.068619	0.018982	0.001631	-0.037804	0.013788
	-0.017051	-0.008615	0.032756	-0.002282	-0.009151	0.026139
	0.017871	-0.011950	-0.116109	0.003593	-0.029362	0.040389
	-0.072648	0.017013	-0.007393	-0.005680	-0.000945	0.011361
	0.049243					
x33	-0.015543	-0.025304	0.010424	0.001211	0.000932	-0.021871
	-0.033594	0.046333	-0.010545	0.010604	-0.008202	0.002848
	-0.011015	0.019748	-0.015288	0.026705	-0.044541	0.026298
	-0.012495	-0.035417	-0.032697	0.009142	-0.015877	-0.033280
	0.026512	-0.055531	0.007031	-0.099263	0.003031	-0.007346
	-0.037272					
y33	0.027220	0.002822	-0.045898	-0.023357	0.008174	-0.019280
	0.017550	-0.018918	0.032785	0.038903	-0.014380	0.011336
	0.017588	0.035883	0.007830	-0.067724	0.013076	0.015176
	0.031583	0.045079	-0.008750	0.015442	-0.080683	0.007851
	-0.006223	-0.013545	0.019444	0.016406	0.063171	0.007300
	0.002651					
z33	-0.017217	0.093472	0.053165	-0.023534	-0.022400	-0.005334
	0.032019	-0.079441	0.019633	-0.016167	-0.018257	0.003755
	-0.009370	-0.015999	0.019486	-0.000673	-0.034071	0.030888
	0.023549	0.008283	-0.102283	0.036381	-0.031233	0.023899
	-0.089643	0.027766	-0.014520	0.002635	0.002434	0.002688
	0.071576					
x34	-0.008120	-0.033862	0.005470	0.001580	0.015086	-0.032923
	-0.018113	0.029723	-0.019903	-0.002031	0.009194	0.014617
	-0.001615	0.013987	-0.009018	-0.007792	-0.038825	0.021196
	-0.025600	-0.055851	-0.031235	0.020329	-0.000887	-0.025414
	0.003264	-0.043506	-0.026067	-0.118717	-0.028603	-0.008383
	-0.010792					
y34	0.028750	0.005277	-0.039129	-0.015799	0.003461	-0.031205
	0.013155	-0.020911	0.037464	0.048907	-0.036602	0.025644
	0.004352	0.019088	0.005690	-0.061712	0.038661	0.037764
	0.025700	0.048217	-0.042227	-0.016177	-0.038184	0.000904
	0.006342	-0.013888	0.016011	-0.012699	0.026593	0.026900
	0.003558					

z34	-0.019275	0.095331	0.044231	-0.035347	-0.029333	0.014091
	0.049880	-0.085697	0.008354	-0.019755	0.005299	-0.014294
	-0.003961	-0.021863	0.015407	0.007017	-0.005853	0.001272
	0.017215	0.019858	-0.077849	0.025378	0.020078	0.043717
	-0.071137	0.023459	-0.017706	0.045107	-0.011031	-0.022576
	0.053318					
x35	-0.019351	-0.022184	0.019990	0.011986	0.007661	-0.006774
	-0.020827	0.052945	-0.017974	0.004796	0.012073	-0.019702
	0.005944	0.019691	-0.027286	0.021262	-0.059127	-0.007397
	-0.049109	-0.027007	0.009041	0.049790	-0.001971	-0.041608
	0.008596	-0.021644	-0.010677	-0.072375	-0.034756	-0.026678
	-0.035802					
y35	0.024497	0.010295	-0.026217	-0.002822	-0.002336	-0.026926
	0.001167	-0.025175	0.045931	0.030666	-0.017826	0.021435
	0.010121	-0.001900	-0.010642	-0.062803	0.022813	0.035155
	0.008498	0.050618	-0.014868	-0.008231	-0.024313	-0.026361
	-0.008598	-0.025577	0.032399	-0.052273	0.015130	-0.003937
	0.004704					
z35	-0.023434	0.099945	0.043073	-0.033271	-0.038745	0.036232
	0.050311	-0.073978	0.003514	-0.011092	0.007848	-0.036666
	-0.004042	-0.025309	0.006511	0.026506	-0.003221	-0.011205
	0.012392	0.044541	-0.065612	0.025762	0.028948	0.047797
	-0.052255	0.034858	-0.017470	0.084987	-0.013848	-0.036016
	0.018925					
x36	-0.035796	-0.032051	-0.031910	-0.041340	0.085291	0.031945
	0.026536	0.049063	-0.012120	0.067335	0.033963	-0.036259
	0.016929	0.034126	-0.003876	0.011178	-0.017096	-0.137280
	-0.058812	0.052047	0.064658	0.084634	-0.028462	-0.051085
	-0.128877	0.033825	0.000977	0.017846	-0.055796	0.011209
	-0.025784					
y36	0.011847	-0.001469	-0.101932	-0.069570	0.051956	0.095198
	0.085316	0.011633	-0.010104	0.125996	0.047405	-0.016763
	0.021449	-0.045464	0.029386	0.005952	0.102203	-0.046814
	0.088580	0.118735	0.037778	-0.077172	-0.023849	0.031589
	-0.039611	0.052180	0.026827	0.082816	-0.068384	0.054293
	-0.064823					
z36	-0.014545	0.111221	0.042848	-0.041211	-0.058350	0.031660
	0.077393	-0.043918	0.017115	0.006784	0.030414	-0.070075
	-0.024374	-0.010231	0.007067	0.036863	-0.007600	-0.041390
	-0.018145	0.007228	-0.058757	-0.013504	0.022509	0.028947
	-0.082659	-0.006233	0.026020	0.020231	-0.032097	0.020343
	0.042627					

x37	-0.008761	-0.013120	-0.082431	-0.096134	-0.018099	-0.006837
	0.065712	-0.015506	0.004723	0.042179	0.003710	0.066756
	0.016688	-0.023117	-0.054099	0.036300	-0.013578	0.063712
	-0.059651	-0.034536	0.017996	0.005833	0.015113	-0.011695
	-0.066232	0.007650	-0.071339	0.003098	-0.034610	0.052238
	-0.026584					
y37	-0.046937	-0.034645	0.001983	-0.023675	0.037646	-0.039030
	0.026374	-0.017570	0.022046	-0.051000	-0.025522	0.053513
	-0.007955	0.011204	-0.068511	-0.013534	-0.008070	-0.076940
	-0.018775	0.025123	0.019597	0.037149	-0.021917	0.000969
	0.003315	0.015027	0.030403	-0.066992	0.027793	0.095413
	-0.010572					
z37	-0.053132	0.004393	0.041900	-0.026411	0.083443	0.021638
	-0.000286	-0.089571	-0.012914	0.067727	-0.051746	-0.015025
	0.045267	0.012941	0.002171	0.036718	-0.000022	0.026903
	-0.051729	0.008221	0.033299	-0.003683	-0.012435	-0.076972
	0.027886	-0.012474	0.000793	0.007185	0.033109	0.053888
	0.030223					
x38	-0.009068	-0.018283	-0.100494	-0.093773	-0.017482	-0.011717
	0.076957	-0.007788	0.016405	0.041965	0.012224	0.067483
	0.007389	-0.016667	-0.047219	0.041716	0.007459	0.049227
	-0.046464	-0.026293	0.019010	0.001927	0.000744	-0.023415
	-0.067994	-0.001872	-0.013640	-0.013962	-0.020048	0.030697
	0.021965					
y38	-0.031028	-0.006714	0.001685	-0.010220	0.039264	0.027838
	-0.018425	-0.053277	0.006024	0.039569	0.009274	-0.004593
	0.017541	-0.014794	-0.023274	0.024548	-0.040504	0.031598
	-0.012587	-0.006301	0.027702	0.012131	-0.023124	-0.029249
	0.034044	0.017819	-0.011821	-0.001785	-0.005338	0.009701
	-0.010506					
z38	-0.046805	-0.003073	0.043334	-0.033938	0.055433	0.008854
	0.003597	-0.058799	-0.016930	0.032728	-0.029834	-0.021557
	0.027778	0.046988	0.018322	0.017735	-0.003327	-0.024081
	-0.020078	0.008031	0.021587	0.016337	0.011407	-0.032953
	0.019657	-0.005072	0.032378	-0.000754	0.001066	0.021951
	0.040947					
x39	-0.013058	-0.033465	-0.106483	-0.087608	-0.016608	-0.010278
	0.080851	-0.012656	0.024494	0.031718	0.022644	0.077892
	-0.005744	-0.008317	-0.026950	0.029012	0.013498	0.032662
	-0.021463	-0.050925	0.012764	-0.005430	-0.001581	-0.006641
	-0.058734	-0.001965	-0.007511	-0.003656	-0.029520	0.004459
	0.039654					

y39	-0.034082	-0.017146	0.011312	-0.026552	0.039370	0.023028
	-0.003546	-0.052207	-0.007632	0.035863	0.010924	-0.002179
	0.000082	0.008431	-0.006242	-0.006554	-0.027510	0.006527
	0.030020	-0.044431	0.024678	0.018530	-0.045002	-0.011067
	0.044049	0.040670	0.010604	-0.000114	0.007161	0.024281
	0.023962					
z39	-0.036485	0.004602	0.030435	-0.037132	0.032058	-0.008282
	0.014692	-0.020139	-0.016641	0.021332	-0.020261	-0.016942
	0.028017	0.032886	0.018648	0.016440	-0.004520	-0.029579
	-0.010509	0.047420	0.016257	0.055291	0.019933	-0.046854
	-0.015211	0.018987	0.061650	-0.031273	0.010009	0.010490
	0.030229					
x40	-0.011554	-0.047585	-0.096683	-0.067868	-0.018785	-0.001448
	0.066112	-0.026325	0.019815	0.018682	0.033103	0.077100
	-0.043828	0.003695	-0.004335	0.004018	-0.000795	0.011466
	0.004888	-0.102862	0.011738	-0.021974	-0.004380	0.035854
	-0.024067	0.022490	-0.020728	0.025415	-0.035257	-0.007695
	0.051090					
y40	-0.039191	-0.016519	0.000826	-0.040234	0.047704	0.004732
	0.022670	-0.036603	-0.022574	0.020775	0.009786	0.008792
	0.007205	0.011253	0.019897	-0.015751	-0.011058	0.021940
	0.021269	-0.051414	0.005023	0.030040	-0.029048	0.010534
	0.041477	0.051521	0.006476	-0.027873	0.012185	0.005157
	0.028332					
z40	-0.037831	0.008215	0.017503	-0.023529	0.024019	-0.008437
	0.008156	-0.006323	-0.004495	0.026221	0.007195	-0.021286
	0.017708	0.012784	0.003824	0.003640	-0.040518	0.003089
	-0.016673	0.072764	0.010946	0.075434	0.002110	-0.051993
	-0.027024	0.030875	0.038262	-0.012097	0.006252	0.019512
	0.002358					
x41	-0.014935	-0.047334	-0.085894	-0.044691	-0.032090	0.004110
	0.042575	-0.031628	0.021147	0.010795	0.038272	0.061532
	-0.063497	0.002613	-0.011883	-0.001021	-0.038441	0.023831
	0.009172	-0.104811	0.029244	-0.003807	-0.028562	0.037264
	-0.011521	0.054557	-0.035816	0.033331	-0.021442	-0.009938
	0.056250					
y41	-0.043889	-0.028551	-0.014350	-0.040007	0.046991	-0.005846
	0.030210	-0.027668	-0.027211	-0.006836	-0.009623	0.025506
	0.005955	-0.021981	0.018014	-0.001204	0.027227	0.021083
	0.039823	-0.055909	-0.009465	0.020193	0.001742	-0.003741
	0.064135	0.052455	-0.015223	-0.017541	-0.001103	0.000209
	-0.001952					

z41	-0.032009	0.006317	0.013025	0.010462	0.022893	0.005678
	-0.008747	0.002273	0.007406	0.027935	0.037443	-0.004457
	-0.005722	0.029601	0.001447	-0.003786	-0.057320	0.033468
	-0.021419	0.047463	-0.006996	0.066973	-0.018012	-0.040531
	-0.020782	0.037043	0.022162	0.039162	-0.009799	0.045398
	-0.029867					
x42	-0.014545	-0.051222	-0.082222	-0.036668	-0.028721	0.005445
	0.034887	-0.026017	0.021953	0.001200	0.034845	0.061154
	-0.070816	0.011344	0.005049	-0.019669	-0.037621	0.014413
	0.008438	-0.109305	0.032530	-0.005016	-0.031465	0.053500
	0.004406	0.054599	-0.028942	0.050717	-0.010958	-0.015007
	0.055000					
y42	-0.061100	-0.041050	-0.025472	-0.071643	0.037413	-0.022037
	0.030724	-0.045408	-0.040741	0.036797	-0.004623	0.006678
	-0.009021	-0.054865	0.011471	-0.019525	0.005729	0.003495
	0.052621	-0.017082	-0.020752	0.027020	0.027405	0.033224
	0.063849	0.001460	-0.006894	0.007570	-0.006260	0.009297
	-0.010136					
z42	-0.017315	0.009654	0.008663	0.005387	-0.001186	-0.005504
	0.002822	-0.011877	-0.011466	-0.014691	0.017006	0.008937
	-0.018496	0.032753	0.031642	0.012535	-0.021782	0.058865
	-0.044539	0.016951	-0.033649	0.040176	0.010522	0.008292
	0.023004	-0.003146	-0.022418	0.076165	0.057723	0.064948
	-0.024423					
x43	-0.017357	-0.049332	-0.097060	-0.052432	-0.013617	-0.015260
	0.066041	-0.004569	0.016643	0.004157	0.019977	0.056356
	-0.037409	0.029571	0.032887	-0.039004	0.009753	0.017771
	-0.031250	-0.075468	0.029943	-0.021373	0.002802	0.022723
	0.008728	-0.002992	0.013729	0.047684	-0.009763	0.025237
	0.032746					
y43	-0.083335	-0.067696	-0.028276	-0.049996	0.030419	-0.016111
	0.019360	-0.016027	-0.013342	0.040598	-0.002080	-0.015549
	-0.012505	-0.062569	-0.029968	-0.000973	0.007262	-0.029104
	0.032722	0.051761	0.026016	0.038364	0.018356	0.010777
	0.016187	0.010140	-0.021302	0.014137	-0.042672	-0.012778
	-0.041432					
z43	0.024170	0.022793	0.021359	-0.008125	-0.016453	-0.006001
	0.015483	-0.017461	-0.015478	-0.028121	0.017975	-0.001141
	0.006492	0.028036	0.006955	0.001935	0.016500	-0.001012
	-0.006644	-0.066315	-0.017234	-0.023171	-0.007153	0.037651
	0.048874	-0.011845	-0.028919	-0.012582	0.030531	0.030840
	0.028241					

x44	-0.014741	-0.037826	-0.104361	-0.045059	-0.006455	-0.015902
	0.079028	0.002271	0.018397	0.021336	0.005016	0.029738
	-0.018872	0.013587	0.020685	-0.037710	0.025314	0.015404
	-0.050104	-0.032169	0.025694	-0.012051	0.015896	-0.028089
	0.001648	-0.019034	0.029833	0.039352	-0.019142	0.019193
	-0.004153					
y44	-0.028351	-0.055874	-0.000026	-0.000116	0.010705	0.016537
	-0.022188	0.007604	0.025506	-0.012355	-0.013203	-0.014814
	-0.032448	0.032237	-0.031527	0.023063	-0.020194	-0.021934
	0.040439	0.050377	0.039349	0.018135	-0.023444	-0.020498
	-0.033636	0.015297	-0.032981	0.004751	-0.019170	-0.005870
	0.001158					
z44	0.047817	0.032669	0.012483	0.014643	-0.041749	0.017528
	-0.011403	-0.015026	-0.007954	-0.007856	0.015832	-0.033913
	-0.025076	-0.000338	-0.019354	-0.007208	0.000492	-0.038198
	0.030188	-0.024924	0.028056	-0.017147	-0.058220	-0.050982
	0.009444	0.042228	0.021746	-0.049737	0.013984	-0.014857
	-0.009531					
x45	-0.006672	-0.025472	-0.097537	-0.031207	-0.002999	-0.002733
	0.057572	-0.000446	0.026127	0.025535	0.002448	0.021081
	-0.012470	-0.009423	-0.017785	-0.028908	0.000725	0.031479
	-0.041704	-0.021753	0.002921	0.019971	0.003670	-0.031500
	-0.007435	-0.001720	0.019111	0.025481	-0.020665	-0.027473
	-0.016479					
y45	0.016403	0.003123	0.002415	0.007099	-0.007612	0.012952
	-0.030891	0.003873	0.005766	0.015954	-0.004953	0.017472
	0.003090	0.019645	-0.032986	0.003872	-0.043211	0.044219
	-0.000469	0.007961	0.015158	0.008074	-0.022830	-0.064264
	-0.044731	0.001056	-0.058404	-0.040604	0.041828	0.024141
	0.068022					
z45	0.016164	0.027716	0.008132	-0.006066	-0.009632	0.018618
	-0.029306	0.010660	-0.013930	0.000611	-0.003817	0.026749
	0.011524	-0.003665	-0.024143	0.008161	0.026603	-0.031545
	0.030629	0.007120	0.019286	-0.003493	0.001287	-0.020722
	0.007073	0.043107	0.045158	-0.032740	-0.011812	-0.103936
	-0.026505					
x46	-0.000780	-0.027698	-0.095973	-0.037645	-0.005338	-0.007455
	0.060299	0.001068	0.026134	0.015829	0.008955	0.028181
	0.001253	0.006872	-0.023156	-0.025652	0.005640	0.047922
	-0.049232	-0.024153	-0.018912	0.005050	0.015299	-0.033666
	-0.018946	-0.009169	0.014961	0.012813	-0.021724	-0.011039
	-0.014971					

y46	-0.015798	0.002035	0.015004	0.008746	0.003236	0.003665
	-0.019054	-0.010839	-0.007645	-0.022784	0.005328	0.001980
	0.009670	0.014546	-0.034679	0.027382	-0.015688	0.028713
	0.005833	0.027498	0.026806	0.025365	-0.010995	-0.046897
	-0.059004	0.045352	-0.047532	-0.001779	0.019197	-0.008537
	0.025377					
z46	0.011231	0.008422	0.022890	-0.013461	-0.003469	0.012380
	-0.035310	0.012942	-0.004502	-0.005456	0.010527	0.042947
	0.013132	0.000970	-0.026845	-0.003681	-0.006293	0.022153
	0.027836	-0.001449	0.006875	-0.003956	-0.001746	-0.003031
	0.005702	0.044514	-0.013245	-0.010363	0.037550	-0.047660
	0.013977					
x47	0.003171	-0.032622	-0.101756	-0.048342	0.003865	-0.010589
	0.061971	0.002806	0.028955	0.029710	0.025893	0.037160
	-0.006330	0.002412	-0.022871	-0.037117	0.010990	0.058398
	-0.077127	-0.027483	-0.028531	-0.012806	0.016861	-0.018765
	-0.005144	-0.016127	0.011030	0.006350	-0.012676	0.002281
	-0.021916					
y47	0.010263	0.012971	0.015039	-0.007789	-0.003246	0.027189
	-0.027590	-0.003965	0.010995	-0.027585	0.001573	-0.010743
	0.012566	0.032709	-0.019034	-0.014364	-0.026573	-0.009819
	0.016445	-0.009816	-0.004624	0.008311	-0.007679	-0.003601
	-0.023580	0.056766	0.001164	-0.003834	0.028725	-0.038515
	0.032541					
z47	0.029037	0.010104	0.021297	-0.028939	0.008159	0.007798
	-0.015937	0.034689	0.005693	-0.018851	0.018966	0.034664
	-0.004682	0.033132	-0.007854	-0.034871	0.014200	0.031034
	-0.005846	0.000833	-0.034887	0.009962	-0.030864	-0.007600
	0.021497	0.010176	-0.032295	0.029269	-0.032945	0.020612
	0.012776					
x48	-0.005842	-0.043041	-0.105344	-0.042680	0.019055	-0.014793
	0.075049	0.005939	0.014816	0.045989	0.022559	0.045953
	-0.023237	0.003436	0.021365	-0.050789	0.011855	0.045083
	-0.068890	-0.031958	-0.008467	0.005862	0.032857	-0.019130
	0.019393	-0.012231	-0.000693	0.005142	-0.017741	0.007150
	0.002831					
y48	0.027350	0.003366	0.007821	-0.015712	0.009098	0.020028
	-0.042582	0.021405	0.009672	0.002881	-0.009497	0.010430
	-0.014569	-0.002754	0.016198	-0.025815	-0.045941	0.012546
	0.003149	-0.019360	0.019497	0.033677	-0.051159	-0.043408
	0.010548	0.048550	-0.027235	0.030393	-0.000125	-0.017776
	0.027233					

z48	0.030014	0.014485	0.014768	-0.032880	0.012606	0.006901
	-0.005998	0.010392	-0.000939	0.014321	-0.010415	0.015760
	-0.006138	0.012864	0.032167	-0.004690	-0.014330	0.013779
	-0.001787	-0.010915	0.012933	0.019265	-0.009513	-0.023886
	-0.014405	0.013706	-0.008535	0.028287	-0.019025	0.003573
	-0.039281					
x49	-0.004460	-0.046981	-0.105977	-0.041149	0.017731	-0.015978
	0.077302	0.003375	0.008489	0.045245	0.024229	0.045283
	-0.028194	0.004671	0.011495	-0.053401	0.025874	0.038849
	-0.067061	-0.042280	-0.022974	-0.006070	0.048286	0.000300
	0.014664	-0.007833	0.000865	-0.010623	0.011970	0.007395
	-0.015734					
y49	0.025761	-0.015576	0.008634	-0.028131	-0.004109	0.011561
	-0.025953	0.034816	0.012328	-0.027902	-0.002102	0.000493
	-0.013003	0.030507	0.002071	-0.025026	-0.022825	0.019238
	-0.003285	0.004171	-0.012364	0.018625	-0.034718	-0.043121
	0.015216	0.030270	-0.021112	0.033237	-0.024869	-0.009843
	0.005212					
z49	0.000870	0.008907	0.018781	-0.016926	0.001584	-0.003489
	-0.000512	-0.001897	-0.012275	-0.006639	-0.010758	0.014274
	0.002536	0.019182	0.012751	0.017524	-0.008448	0.015317
	-0.006761	0.010235	0.022993	0.016751	0.012705	-0.005900
	-0.033031	0.014014	-0.019072	0.014853	-0.003092	0.000932
	-0.036833					
x50	-0.012245	-0.054394	-0.103258	-0.035517	0.019140	-0.015694
	0.076696	-0.002268	0.008158	0.045978	0.013625	0.042844
	-0.027546	0.002501	0.032901	-0.055008	0.023728	0.033683
	-0.049159	-0.041419	-0.010749	0.000762	0.062144	0.007322
	0.020547	0.003097	-0.003411	-0.013540	0.023383	0.003409
	-0.008070					
y50	0.030460	-0.021070	0.006957	-0.030177	-0.001414	0.013267
	-0.016852	0.033676	0.010773	0.001757	-0.010157	-0.006547
	-0.024827	0.022485	-0.024759	-0.018851	-0.006830	0.007925
	0.001748	-0.004933	-0.024952	0.007369	-0.029024	-0.052865
	0.004373	-0.002337	-0.020027	0.014633	-0.031794	-0.008187
	-0.037730					
z50	-0.006412	0.013037	0.020301	-0.001867	-0.005197	-0.005301
	-0.001305	-0.001912	-0.003756	-0.014113	-0.019683	0.004161
	0.014958	0.013816	0.005464	0.028692	-0.005525	0.005331
	0.001922	0.020796	0.026365	-0.005635	0.004461	-0.017363
	-0.025896	0.019818	-0.025335	0.001591	0.000791	-0.001750
	-0.020040					

x51	-0.015300	-0.059454	-0.099654	-0.031765	0.021048	-0.016073
	0.072068	-0.004940	0.006837	0.042345	0.007443	0.038651
	-0.027363	-0.002510	0.042757	-0.054987	0.021171	0.028307
	-0.031520	-0.032779	-0.005226	-0.000828	0.070429	0.017848
	0.024488	0.010352	-0.001499	-0.011177	0.034627	-0.001358
	0.008158					
y51	0.023401	-0.018941	0.006845	-0.023460	-0.001251	0.010520
	-0.008044	0.028256	0.006341	0.017644	-0.017606	-0.004534
	-0.028906	0.013085	-0.027855	-0.006261	0.001041	0.003215
	-0.001691	0.001292	-0.020908	0.003024	-0.023552	-0.050187
	-0.002889	-0.007017	-0.023583	0.005320	-0.029387	-0.021170
	-0.055196					
z51	-0.008972	0.021567	0.019727	0.006289	-0.006415	-0.003261
	-0.007687	-0.001311	0.003119	-0.007903	-0.013195	0.001394
	0.024314	0.005462	-0.014330	0.031425	-0.001085	-0.010908
	0.005959	0.024458	0.000378	-0.022612	0.004451	-0.013345
	-0.011170	0.018074	-0.006876	-0.007641	0.005777	0.002369
	0.009323					
x52	-0.014842	-0.061030	-0.096596	-0.029862	0.025982	-0.015432
	0.069103	-0.007594	0.005013	0.035400	0.007870	0.037013
	-0.024386	-0.004760	0.047353	-0.054234	0.021784	0.026992
	-0.022596	-0.027830	-0.002991	0.001320	0.075060	0.030727
	0.023952	0.014442	0.005932	-0.006483	0.035626	-0.006525
	0.010654					
y52	0.011458	-0.014169	0.005001	-0.009991	-0.006714	0.007279
	-0.008294	0.025653	0.001453	0.025846	-0.029929	-0.002300
	-0.028959	-0.000343	-0.012952	0.008106	-0.007495	-0.004067
	-0.001606	0.005193	-0.008527	0.006685	-0.016092	-0.044468
	-0.006901	0.004768	-0.022683	0.000178	-0.009188	-0.030570
	-0.048600					
z52	-0.008711	0.030384	0.018324	0.011269	-0.003185	0.000065
	-0.012506	-0.006957	-0.000433	-0.012987	-0.000136	0.002709
	0.031316	-0.000200	-0.015889	0.030790	-0.007003	-0.013572
	-0.002415	0.009271	-0.005550	-0.021522	0.013938	0.005998
	0.001387	0.029087	0.006683	-0.012688	0.012893	0.012982
	0.041030					
x53	-0.014587	-0.057789	-0.087550	-0.017836	0.024385	-0.008347
	0.052047	-0.013235	0.012926	0.020225	0.014163	0.026947
	-0.019736	-0.005253	0.035794	-0.058953	-0.000152	0.040819
	-0.009666	-0.000029	0.006130	0.025656	0.052059	0.026662
	0.016298	0.027918	0.011064	0.001177	0.038472	-0.012713
	0.008143					

y53	-0.016368	-0.011695	0.010443	0.013719	-0.025624	0.009402
	-0.029005	0.022085	0.009944	-0.000753	-0.021663	-0.017746
	-0.032493	-0.006024	-0.036641	0.014455	-0.043223	-0.002922
	0.000113	0.043285	0.001576	0.042994	-0.023093	-0.044756
	-0.006066	0.037198	-0.019599	0.003062	0.018337	-0.022063
	-0.016213					
z53	0.000322	0.037192	0.018069	0.012764	0.005314	0.006484
	-0.018731	-0.013470	0.007307	-0.024213	0.020435	-0.004237
	0.040329	-0.000077	-0.019993	0.018916	-0.019726	-0.006521
	-0.006366	0.008255	0.001920	-0.012672	0.000434	0.004945
	0.004648	0.037641	0.012336	-0.011972	0.013102	0.021121
	0.063287					
x54	-0.006616	-0.046675	-0.073397	-0.000478	0.018991	0.003611
	0.027639	-0.022064	0.023089	0.012944	0.018869	0.012385
	-0.014238	-0.010637	0.015547	-0.059571	-0.038598	0.069402
	0.009739	0.035881	0.022660	0.055424	0.012917	0.007618
	0.009704	0.042925	0.014391	0.007844	0.039534	-0.022849
	-0.006484					
y54	-0.014630	-0.004606	0.008753	0.014974	-0.009950	0.010149
	-0.025534	0.008695	0.002287	-0.015710	-0.012421	-0.016550
	-0.014137	-0.007837	-0.037312	0.014945	-0.033666	-0.002146
	-0.007712	0.035959	0.001071	0.033847	-0.013597	-0.027343
	0.004479	0.028870	-0.014824	-0.001110	0.023157	-0.018426
	-0.000388					
z54	0.034630	0.038771	0.004472	-0.013413	0.027087	0.001720
	0.007176	-0.019248	-0.008772	0.004675	0.022423	0.008664
	0.032564	-0.007431	-0.001044	0.025162	0.006899	-0.016103
	-0.008496	-0.042078	0.004295	-0.043056	0.030124	0.007413
	-0.004971	0.006787	0.013723	-0.014363	-0.015976	0.030634
	0.028055					
x55	0.017750	-0.051472	-0.078430	-0.028183	0.034056	-0.000902
	0.056891	-0.019464	0.014057	0.022256	0.010970	0.027104
	-0.003338	0.003607	0.048649	-0.063155	0.020875	0.058108
	0.010849	0.009634	-0.025446	-0.004067	0.053529	0.029790
	0.021254	-0.018436	0.027174	-0.006465	0.000574	-0.021472
	-0.017594					
y55	0.074635	-0.008022	-0.008551	-0.028808	0.015181	0.020682
	0.005038	-0.009034	0.012042	0.000399	0.017382	0.006504
	-0.061134	-0.038377	0.012358	0.000283	0.030725	-0.038896
	0.029625	-0.034817	-0.002271	0.021903	-0.054178	-0.088104
	-0.011480	-0.001037	-0.063730	-0.004565	-0.048101	-0.031726
	0.040034					

z55	0.039133	0.037172	0.007653	-0.007690	0.028680	0.020193
	-0.002728	-0.002771	0.032570	-0.025422	0.014169	0.002182
	0.002114	0.013454	0.015996	-0.026357	0.005554	-0.023007
	-0.002379	-0.004629	-0.006048	0.004276	-0.022664	-0.041614
	-0.008359	0.027304	0.002860	0.012048	-0.033271	0.031505
	0.018587					
x56	0.004510	0.073243	-0.016992	0.008336	-0.016325	0.040333
	-0.004015	0.068562	-0.025599	-0.027016	-0.048487	-0.000341
	-0.010969	-0.001702	-0.007900	0.013345	-0.015035	-0.026406
	-0.054035	-0.032357	0.010588	-0.011395	-0.001021	-0.024875
	-0.044463	-0.080116	0.020908	-0.016728	0.080559	0.034674
	0.029519					
y56	-0.008551	-0.033503	-0.031960	0.042329	0.029570	-0.037538
	-0.027989	0.019511	-0.046230	-0.006899	0.000551	-0.017417
	0.020302	0.040625	-0.029519	0.017306	-0.018094	-0.000519
	0.006818	0.015483	-0.032390	0.004521	-0.021889	0.029667
	-0.025382	-0.017303	0.015085	0.036409	0.015012	-0.044814
	0.033067					
z56	-0.069680	0.046020	-0.029442	-0.035116	0.021097	-0.018657
	-0.002604	-0.008717	-0.012540	-0.016766	0.024214	-0.001847
	-0.002035	0.007533	-0.002865	0.007675	-0.019079	-0.052384
	0.032540	0.013947	0.008390	0.000748	0.014774	0.004440
	0.014123	0.004176	0.065179	-0.020501	0.015304	-0.040766
	0.002867					
x57	0.005994	-0.000571	-0.003162	-0.001478	-0.007326	-0.004675
	0.004030	0.004388	0.005052	-0.003250	-0.001380	-0.012314
	0.005190	-0.008261	-0.014725	-0.027874	0.014999	0.018298
	0.011267	-0.007621	-0.035294	0.005422	0.003202	0.039623
	-0.003230	-0.001247	-0.000200	-0.012262	-0.015437	-0.012087
	0.006589					
y57	-0.011718	-0.026557	-0.042509	0.046861	0.025077	-0.025384
	-0.027887	0.020834	-0.045899	-0.001491	-0.008703	-0.037929
	0.028620	0.036141	-0.026360	0.008437	0.003097	-0.043501
	-0.002705	-0.002873	-0.038696	0.050872	-0.006789	0.026023
	-0.049048	-0.032371	0.025447	0.030430	0.019058	-0.011376
	0.005083					
z57	-0.058148	0.027368	-0.015797	-0.021445	0.030094	0.003151
	-0.012568	-0.017010	-0.017713	-0.020173	0.044370	0.004019
	-0.023079	0.024656	0.018191	-0.043379	0.023604	-0.046803
	0.049259	-0.069580	0.009390	0.003485	0.003658	0.045062
	-0.003069	0.035738	0.043667	0.014540	-0.011314	-0.071637
	0.019861					

x58	0.024120	-0.005984	0.009734	0.013068	-0.012713	0.003441
	-0.000223	0.007412	-0.004267	-0.012406	-0.011122	-0.028418
	-0.011976	-0.005672	0.004272	-0.019658	-0.029998	0.002508
	0.014972	-0.005158	-0.054099	-0.021875	-0.030666	0.050655
	0.044980	-0.003428	-0.045790	-0.003355	-0.003368	-0.014838
	0.018767					
y58	-0.009129	-0.027896	-0.041031	0.040922	0.023950	-0.031425
	-0.032703	0.019684	-0.057212	0.008911	0.001708	-0.045170
	0.034956	0.028582	-0.017450	0.017098	-0.007521	-0.043542
	0.005988	0.013436	-0.037279	0.031051	0.001360	0.026186
	-0.030979	-0.025206	0.014207	0.040081	0.020890	-0.010493
	0.018203					
z58	-0.045826	0.007004	-0.011429	-0.031240	0.023976	-0.004273
	0.008850	-0.016633	-0.008131	-0.007094	0.052288	0.012474
	0.015977	0.013868	-0.002227	-0.031212	0.042964	0.004949
	0.029326	-0.003597	-0.017785	0.000521	0.004147	0.009263
	-0.026283	0.001412	0.055019	0.018210	-0.026120	-0.050310
	0.000040					
x59	0.024367	0.018754	0.004910	0.019200	-0.014097	-0.002581
	-0.005927	0.012514	-0.011932	-0.003041	-0.038151	-0.024602
	-0.008754	0.015383	-0.000806	0.003484	-0.030842	-0.017138
	-0.036243	-0.005109	-0.023242	0.003433	-0.001786	0.010543
	0.011752	-0.001892	-0.033481	-0.027556	0.032927	-0.010590
	-0.002806					
y59	-0.005498	-0.030223	-0.039261	0.038606	0.025454	-0.029807
	-0.030625	0.018170	-0.053706	0.010202	0.012062	-0.049197
	0.035656	0.018934	-0.004268	0.029031	-0.021640	-0.032242
	0.009255	0.049474	-0.044743	0.000011	0.002161	0.010211
	-0.006834	-0.029331	0.001366	0.055156	0.013783	-0.004755
	0.022841					
z59	-0.036014	-0.000811	-0.005425	-0.031316	0.005798	-0.004332
	0.019464	-0.009874	-0.007464	-0.000688	0.022489	-0.003168
	0.043800	0.026680	-0.010437	-0.010791	0.016665	0.048349
	0.021125	0.026086	-0.043671	0.016425	-0.015859	-0.016296
	-0.018395	-0.000969	0.049835	0.011100	-0.003956	-0.018625
	-0.020481					
x60	0.030931	0.035822	0.007049	0.014585	-0.010706	-0.024662
	-0.006649	0.013882	-0.023644	0.006367	-0.051771	-0.007915
	-0.016713	0.022119	-0.007482	0.031479	-0.031154	-0.048807
	-0.069721	-0.026675	0.025337	-0.010782	0.044543	-0.013223
	-0.010021	-0.001736	-0.019696	-0.049793	0.060134	-0.003326
	0.008129					

y60	-0.005866	-0.027495	-0.039965	0.041612	0.023015	-0.019361
	-0.030836	0.016534	-0.044914	0.014620	0.004098	-0.058386
	0.030933	0.012533	0.007674	0.025959	-0.023433	-0.028002
	0.008654	0.057511	-0.054037	0.004724	-0.003516	-0.004845
	-0.001189	-0.026563	0.001552	0.057137	0.010012	-0.003220
	0.004612					
z60	-0.019639	-0.000054	-0.001424	-0.011169	0.002533	0.010343
	0.004424	-0.012149	-0.016008	-0.014348	0.029245	-0.010639
	0.019789	0.031830	-0.014950	-0.018261	-0.000630	0.033762
	0.017014	-0.005426	-0.012596	0.003037	-0.013707	-0.000595
	0.000812	0.039839	0.004934	0.029969	0.005033	0.002151
	0.002939					
x61	0.036844	0.049384	0.006117	0.016516	-0.005134	-0.023779
	-0.000674	0.002686	-0.033333	0.005583	-0.035286	0.006642
	-0.042221	0.024518	0.003363	0.041977	-0.013612	-0.086008
	-0.062874	-0.068238	0.064349	-0.023305	0.060199	0.002480
	-0.017085	-0.019113	0.020490	-0.024239	0.062752	0.025308
	0.006825					
y61	-0.004530	-0.027371	-0.037196	0.040058	0.023733	-0.023761
	-0.036450	0.014131	-0.043975	0.025392	-0.000328	-0.053142
	0.038949	0.012031	0.014874	0.015861	-0.020621	-0.017798
	0.006125	0.055583	-0.047312	-0.002008	-0.010593	-0.015217
	0.000669	-0.013140	0.000170	0.055728	0.008215	-0.005719
	0.002596					
z61	0.001014	0.007364	-0.009445	0.007886	-0.004376	0.029416
	0.011011	0.006042	0.003848	-0.013373	0.019368	-0.006025
	-0.030014	-0.016407	0.014906	0.008539	0.012161	-0.056294
	-0.027799	0.016139	0.004854	-0.009450	0.037438	-0.015924
	0.025206	0.030371	-0.004601	0.056057	0.004034	0.001076
	0.004821					
x62	0.019019	0.048270	-0.004368	0.027499	0.009304	0.017349
	0.017151	0.011603	-0.014179	0.005488	-0.000535	0.018022
	-0.048435	-0.021647	0.004000	-0.008413	0.002433	-0.102965
	-0.061904	0.004560	-0.015960	-0.015839	0.038722	-0.005302
	0.011035	-0.046640	0.050610	0.043357	0.007584	0.011606
	-0.031736					
y62	-0.002108	-0.025301	-0.034775	0.033899	0.020010	-0.022206
	-0.039703	0.010118	-0.036824	0.028241	-0.004431	-0.055787
	0.028008	0.008684	0.017246	0.015991	-0.008865	-0.029813
	-0.003765	0.052169	-0.042241	-0.017203	-0.000861	-0.022989
	0.012703	-0.005481	0.004218	0.058622	0.006683	0.001031
	-0.002079					

z62	0.019984	0.011361	-0.006009	0.013949	0.005429	0.003966
	0.003481	0.010029	0.015142	-0.003413	0.001281	0.027617
	-0.025749	-0.008399	0.031382	0.007115	-0.000819	-0.038662
	-0.013482	-0.007972	0.008575	0.024275	-0.015900	-0.010739
	-0.023576	-0.010265	-0.017702	0.018620	0.018136	0.002487
	0.001976					
x63	0.001067	0.029106	-0.008051	0.021355	0.011435	0.016256
	0.010097	0.013964	0.002367	-0.011243	0.011882	0.019522
	0.004259	-0.012326	-0.008807	-0.015188	-0.016159	-0.038809
	-0.017464	-0.001187	-0.067906	0.019460	-0.003060	-0.010107
	0.006176	-0.020240	0.027264	0.025164	-0.026210	-0.007090
	-0.039060					
y63	-0.000211	-0.027308	-0.031127	0.027620	0.018633	-0.029465
	-0.044498	0.006865	-0.038310	0.029499	-0.004605	-0.053216
	0.025523	0.005648	0.006598	0.024243	-0.012609	-0.031403
	0.001075	0.051366	-0.039482	-0.023885	0.000092	-0.010643
	0.004619	-0.008117	0.008116	0.041359	0.011476	-0.001700
	0.002738					
z63	0.016119	0.004534	-0.001153	-0.004557	-0.001371	-0.004940
	-0.003256	0.000536	-0.007361	0.011197	-0.003507	0.016514
	0.004223	-0.001923	-0.006843	0.012989	-0.015124	0.004292
	0.016786	-0.030992	0.030639	0.018468	-0.014602	0.024854
	-0.033870	-0.010453	0.000222	-0.029852	0.015627	0.012231
	0.016526					
x64	-0.001270	0.007780	-0.010491	0.001525	0.003405	-0.004251
	-0.005888	0.004861	-0.006069	-0.004039	0.020891	-0.000288
	0.029257	-0.001123	0.006743	0.004238	-0.013913	-0.025157
	0.009964	-0.024097	-0.050857	0.016429	-0.007137	-0.007109
	-0.005069	-0.001279	0.015723	-0.010365	0.002833	-0.020426
	-0.014643					
y64	-0.000800	-0.029901	-0.026132	0.021956	0.019252	-0.035599
	-0.047485	0.002461	-0.035268	0.027776	-0.009547	-0.052623
	0.028679	-0.000448	-0.001433	0.038753	-0.018290	-0.033519
	0.008220	0.041523	-0.033848	-0.032017	0.009755	0.003745
	0.000640	-0.005093	0.011537	0.027058	-0.002058	-0.007950
	0.003598					
z64	0.001196	0.002281	0.006575	-0.012698	-0.003912	0.005012
	-0.008459	-0.014544	-0.007161	0.002381	-0.006522	0.002471
	0.004759	-0.019816	-0.010793	0.008115	0.019709	0.008216
	-0.006504	-0.016425	0.032887	0.003218	0.005671	0.026024
	0.011368	-0.002804	0.006051	-0.017893	0.014433	0.002559
	0.016615					

x65	0.000781	-0.011232	-0.004308	-0.005083	0.013482	-0.017065
	-0.012222	-0.022912	0.008080	0.014248	0.011497	-0.011840
	0.038932	-0.013243	0.017132	0.002981	0.013657	-0.000609
	0.010247	-0.002730	-0.036564	0.019932	-0.012550	-0.006599
	-0.005775	-0.005423	0.038660	-0.020305	-0.013009	-0.007807
	-0.011570					
y65	0.000679	-0.024669	-0.028942	0.022006	0.015451	-0.030634
	-0.040836	0.010885	-0.033937	0.019150	-0.002299	-0.054739
	0.013763	-0.001955	-0.003749	0.034110	-0.008460	-0.041137
	-0.007604	0.043962	-0.036319	-0.051667	0.004408	0.002844
	0.009009	-0.012748	0.017922	0.036192	-0.003356	0.000500
	0.005580					
z65	-0.004516	0.009385	0.009736	-0.007542	-0.014048	0.006072
	0.002389	0.006783	-0.023775	-0.004831	0.003598	0.002804
	-0.018547	0.005872	0.005598	-0.007809	0.025515	0.026323
	-0.025138	0.003212	0.046304	-0.005842	0.001766	-0.000033
	0.041856	-0.001271	0.005374	0.005335	0.043615	0.003081
	0.051963					
x66	0.004757	-0.028736	0.003760	0.004936	-0.000260	0.004852
	0.000020	-0.013841	0.023381	-0.009413	0.006154	-0.007946
	0.011400	-0.000428	0.028596	0.009357	-0.005203	-0.018506
	0.029418	0.013083	-0.004265	-0.011345	0.001691	-0.040376
	-0.019221	0.022711	-0.009021	0.007720	-0.000710	-0.001419
	0.015489					
y66	0.001839	-0.017139	-0.033031	0.022698	0.015606	-0.024326
	-0.041421	0.011622	-0.028115	0.020143	-0.006564	-0.052093
	0.001631	-0.008548	-0.002807	0.041486	-0.007114	-0.034984
	0.005133	0.033290	-0.033799	-0.044326	-0.010180	0.000304
	0.009195	-0.006291	0.023963	0.032589	-0.006828	-0.004612
	0.016915					
z66	-0.002696	0.026536	-0.008659	-0.016254	-0.019908	-0.019012
	-0.015017	0.029499	-0.012171	-0.008376	0.011304	-0.003314
	-0.025337	0.009287	-0.023300	-0.023772	-0.006642	0.022948
	-0.032393	-0.036674	0.028850	-0.001740	-0.022417	0.034235
	0.011741	-0.007182	0.008157	0.040385	0.014260	0.012472
	-0.019116					
x67	-0.002708	-0.012046	-0.005065	0.019623	-0.001659	0.013365
	0.011592	-0.002572	0.026000	-0.029161	0.006064	-0.007780
	-0.004974	0.003701	0.028549	0.009595	-0.010242	-0.040423
	0.045895	-0.003703	-0.027817	0.001536	0.013835	-0.025752
	-0.020985	0.015150	-0.008521	0.007708	-0.070189	-0.000448
	-0.026769					

y67	0.003458	-0.018859	-0.031742	0.022811	0.012308	-0.024074
	-0.047738	0.008302	-0.023214	0.024451	-0.009244	-0.055522
	-0.002419	-0.010920	0.006277	0.038720	-0.009035	-0.025911
	0.008044	0.032918	-0.023976	-0.049530	-0.008766	0.003506
	0.003315	0.005554	0.037008	0.033878	0.010243	-0.013557
	0.030924					
z67	0.004071	0.009381	-0.007255	-0.015607	0.002912	0.002633
	-0.009562	0.018448	0.002740	0.010711	0.001702	-0.007004
	0.000662	-0.008764	-0.015554	-0.008025	-0.000032	0.020025
	-0.041415	-0.002604	-0.007501	0.008530	-0.012710	0.018264
	0.009473	0.001521	0.017263	0.024205	0.050104	-0.011751
	0.004503					
x68	-0.005457	-0.001508	-0.006557	0.028894	0.001855	0.018891
	0.015107	-0.006261	0.019082	-0.022234	0.014929	0.003243
	-0.016302	0.020480	0.016757	0.016726	0.003915	-0.047157
	0.046374	-0.002211	-0.042593	0.006383	0.013777	-0.034284
	-0.023783	0.006905	-0.003396	-0.018100	-0.046203	0.002431
	-0.011174					
y68	0.003962	-0.019023	-0.031688	0.021094	0.007309	-0.023846
	-0.049014	0.006357	-0.019578	0.025072	-0.013147	-0.054975
	-0.003334	-0.016365	0.012558	0.033340	-0.014972	-0.023242
	0.001572	0.030444	-0.017981	-0.052223	-0.016228	0.008900
	0.005012	0.017587	0.044321	0.040513	0.013809	-0.016377
	0.034928					
z68	0.001799	-0.001185	-0.005247	-0.012075	0.000096	0.001821
	0.000866	0.017199	0.007833	0.002445	-0.001377	-0.007682
	0.006172	-0.007460	0.015482	0.003145	-0.020096	0.000774
	-0.025760	0.011466	-0.000700	0.008310	-0.009579	0.001806
	0.011695	0.001989	0.004324	0.024257	0.022561	-0.007624
	0.008110					
x69	-0.018016	0.003140	-0.004866	0.029008	0.003570	0.018464
	0.017480	-0.007680	0.021094	-0.027813	0.019675	0.006269
	-0.025536	0.022284	0.040718	0.024969	-0.002120	-0.054121
	0.059327	0.004478	-0.017114	0.010662	0.006478	-0.036918
	-0.021719	0.015507	-0.002349	-0.007488	-0.018869	0.002645
	0.001347					
y69	0.006538	-0.018264	-0.032314	0.019593	0.003721	-0.024025
	-0.050297	0.003811	-0.018116	0.028946	-0.014275	-0.051968
	-0.004252	-0.017736	0.008592	0.028928	-0.016337	-0.018194
	-0.006528	0.028068	-0.021169	-0.052979	-0.023236	0.011482
	0.008508	0.021614	0.049871	0.040013	0.017087	-0.014514
	0.042079					

z69	-0.003984	-0.003888	-0.002307	-0.004755	0.010243	0.010524
	0.002877	-0.001538	0.005502	0.013398	-0.000889	-0.002981
	0.002828	-0.015656	-0.004486	0.009909	-0.017423	0.007697
	-0.011552	0.000675	-0.013258	0.009337	-0.007978	-0.007032
	0.022997	-0.020401	0.001307	0.010081	0.003119	0.019909
	-0.004491					
x70	-0.031987	0.010856	-0.005926	0.026236	0.019314	0.020522
	0.013917	-0.021455	0.023456	-0.015158	0.017147	0.007663
	-0.022965	0.005813	0.031285	0.029202	-0.000911	-0.036219
	0.060668	-0.003934	-0.016799	0.012980	-0.002959	-0.026928
	-0.010449	0.012219	-0.011877	-0.009111	-0.003351	-0.005006
	0.011799					
y70	0.008221	-0.018451	-0.032265	0.016112	0.000200	-0.027497
	-0.049275	0.000834	-0.014628	0.033170	-0.014683	-0.045539
	-0.004697	-0.015588	0.015271	0.022816	-0.019665	-0.013154
	-0.014939	0.024028	-0.020772	-0.045862	-0.033294	0.008934
	0.015548	0.026462	0.054812	0.041207	0.023048	-0.002733
	0.049651					
z70	-0.009441	-0.001490	-0.000941	0.003658	0.015707	0.013618
	0.004193	-0.006954	0.006431	0.001976	0.000568	0.004488
	-0.003125	-0.000291	-0.001923	0.011596	-0.023474	0.002774
	0.003895	-0.010249	-0.017408	0.013077	-0.009785	-0.014136
	0.013775	-0.015378	-0.005138	0.006178	0.001313	0.042473
	-0.012943					
x71	-0.037021	0.016306	-0.009654	0.022789	0.026531	0.009547
	0.008760	-0.023734	0.023136	-0.010958	0.013224	0.009929
	-0.006082	0.002789	0.023737	0.014322	-0.004088	-0.014297
	0.050098	-0.012000	-0.012102	0.016227	-0.013187	-0.012944
	-0.010085	0.004257	-0.021430	-0.021509	-0.002562	-0.013533
	0.022048					
y71	0.008830	-0.017278	-0.031490	0.011805	-0.003093	-0.028958
	-0.047618	-0.002386	-0.010552	0.038557	-0.013357	-0.040319
	-0.006402	-0.015672	0.022073	0.018691	-0.021253	-0.012000
	-0.024609	0.022006	-0.022350	-0.037929	-0.039352	0.002982
	0.025181	0.029231	0.053673	0.042656	0.029122	0.013985
	0.051953					
z71	-0.013354	0.010586	-0.002198	0.011877	0.013398	0.013166
	0.010112	-0.010882	0.004882	-0.012360	0.008220	0.006618
	-0.016245	0.014203	0.004388	0.020594	-0.016797	-0.016422
	0.021187	-0.004507	-0.018949	0.010605	-0.015030	-0.010063
	0.006675	-0.008646	-0.008632	-0.002740	-0.000812	0.036527
	0.001876					

x72	-0.030737	0.020799	-0.013815	0.016411	0.022123	-0.001060
	0.005869	-0.021293	0.021427	-0.010178	0.011055	0.006987
	-0.001311	-0.000835	0.013634	0.004226	-0.005837	-0.002937
	0.033371	-0.011123	-0.003688	0.013519	-0.015989	0.004688
	-0.005101	-0.002556	-0.010672	-0.019743	-0.004083	-0.022850
	0.006908					
y72	0.008158	-0.015635	-0.029155	0.008735	-0.005486	-0.030213
	-0.047118	-0.005589	-0.006630	0.042868	-0.010934	-0.034886
	-0.006294	-0.015308	0.027101	0.014041	-0.021774	-0.013646
	-0.035104	0.019804	-0.025150	-0.026924	-0.046256	-0.000616
	0.031487	0.028557	0.042906	0.038574	0.030137	0.030530
	0.056517					
z72	-0.020269	0.027780	-0.007643	0.019399	0.008291	0.012243
	0.017427	-0.013862	0.006723	-0.022395	0.018652	0.002298
	-0.031722	0.016253	0.010975	0.022783	-0.004879	-0.033816
	0.024542	0.009735	-0.008674	0.001919	-0.020347	0.007223
	0.015071	-0.011252	-0.007443	-0.012910	-0.001025	0.017821
	0.016479					
x73	-0.014186	0.020451	-0.011943	0.007643	0.011443	-0.005398
	0.005255	-0.015194	0.012584	-0.012560	0.008391	0.003811
	-0.008124	0.001249	0.000265	-0.000416	-0.007903	-0.009056
	0.009092	0.006786	-0.001638	-0.005296	0.000546	0.003113
	0.000181	0.001872	0.002428	-0.002035	-0.003860	-0.018519
	-0.007144					
y73	0.007013	-0.013987	-0.024796	0.006053	-0.007581	-0.031494
	-0.045463	-0.009383	-0.004745	0.046120	-0.006109	-0.028135
	-0.009597	-0.014363	0.033567	0.003869	-0.019768	-0.019055
	-0.045828	0.007359	-0.027135	-0.014486	-0.056838	0.003208
	0.038453	0.023180	0.024762	0.033390	0.025191	0.053457
	0.059769					
z73	-0.032337	0.042581	-0.016274	0.018911	0.020143	0.010707
	0.023488	-0.019337	0.019454	-0.019226	0.017738	-0.006751
	-0.034840	0.000878	0.003964	0.028372	-0.005561	-0.015884
	0.021354	0.025650	0.001561	0.001956	-0.010567	0.017893
	0.035136	-0.017535	-0.013338	-0.014219	-0.003802	0.017472
	0.011288					
x74	-0.032927	0.000108	0.023279	0.024198	0.018256	0.044642
	0.002750	-0.029639	-0.029111	0.018467	0.025372	-0.017086
	-0.017484	0.017539	0.025175	-0.013261	0.010140	-0.027564
	0.019114	-0.027788	0.007903	0.001542	-0.003252	-0.010279
	0.026244	0.030822	0.027629	-0.015892	-0.021835	-0.004324
	0.013299					

y74	0.007743	-0.010591	-0.025252	-0.003786	-0.005119	-0.047942
	-0.034478	-0.011943	-0.002661	0.048616	-0.004779	-0.015384
	-0.005812	-0.013316	0.032455	-0.002763	-0.005492	-0.018712
	-0.076248	0.004907	-0.033696	-0.014833	-0.057092	0.007614
	0.039514	0.004508	0.010097	0.035289	0.017441	0.076079
	0.053364					
z74	-0.015775	0.051733	-0.029328	0.011426	0.010332	-0.005835
	0.021984	-0.020852	0.041044	-0.029166	0.012603	-0.019882
	-0.041695	-0.003989	-0.009070	0.022073	-0.016831	-0.015888
	0.018121	0.029686	-0.005667	-0.004020	-0.001829	0.041233
	0.013500	-0.036785	-0.007282	0.013100	-0.010729	0.031839
	-0.038356					
x75	-0.007246	0.045572	-0.004109	0.010520	-0.011011	-0.076720
	0.031046	0.028822	-0.043480	0.000248	-0.025175	-0.037268
	-0.045730	-0.050819	-0.047373	-0.036048	0.002601	0.047901
	-0.007473	-0.018223	-0.017981	-0.020391	-0.044886	-0.024017
	-0.061380	0.020519	0.023174	0.053442	-0.028512	0.013824
	0.041427					
y75	-0.023904	0.027882	0.023867	-0.014214	0.029936	0.028501
	-0.036818	0.019142	0.020157	-0.027625	-0.081569	0.050150
	0.020558	0.023600	-0.023676	-0.023567	0.021817	0.032023
	-0.019140	0.024064	0.035039	-0.009357	-0.045970	-0.016175
	-0.016023	0.014424	0.031546	-0.009471	-0.000639	-0.050945
	-0.027112					
z75	-0.003422	0.007768	-0.021192	-0.025581	0.018072	-0.006499
	-0.039749	-0.011254	-0.035914	-0.023405	0.032415	0.025409
	0.063690	-0.000667	0.013963	-0.011212	0.031331	-0.013986
	-0.004724	0.003780	0.005625	0.030022	-0.031397	-0.042409
	0.009040	0.035058	0.013429	0.019937	-0.012230	-0.032322
	-0.024767					
x76	-0.004648	0.034247	-0.005542	0.009622	-0.012322	-0.080050
	0.040774	0.022174	-0.050516	-0.004530	-0.006029	-0.058325
	-0.052672	-0.073995	-0.037123	-0.011407	-0.012630	0.035707
	-0.002442	-0.018743	-0.006117	-0.021019	-0.021404	-0.025753
	-0.051299	0.032860	0.022020	0.051490	-0.023004	0.009929
	0.031813					
y76	0.003356	-0.005345	0.000041	-0.000412	-0.000610	-0.000026
	-0.002806	0.002281	-0.007935	0.006035	-0.005985	-0.002353
	-0.009944	0.003358	0.008200	-0.016703	0.021177	0.025606
	-0.011651	-0.009727	-0.012209	0.007638	-0.019953	-0.007570
	0.004039	-0.015862	0.021667	-0.017283	0.007565	0.016668
	0.009258					

z76	0.006514	-0.004153	-0.033495	-0.017953	0.021336	0.006454
	-0.026591	-0.014057	-0.020630	-0.028691	0.041200	0.004557
	0.051239	-0.013482	0.020663	0.025117	0.005224	-0.030333
	0.027060	0.020092	-0.022038	0.030851	-0.009361	-0.057222
	0.002428	0.032005	0.012196	0.024316	-0.021600	-0.018499
	-0.026373					
x77	-0.006095	0.029659	-0.004840	0.008482	-0.013506	-0.084894
	0.048018	0.023130	-0.048610	-0.009317	-0.001483	-0.061134
	-0.057856	-0.080192	-0.034752	-0.018295	-0.008291	0.053222
	-0.012913	-0.014851	0.005698	-0.017937	-0.027260	-0.028724
	-0.038762	0.027621	0.028519	0.040811	-0.016003	0.010527
	0.020743					
y77	-0.001926	0.005389	0.009881	0.005213	-0.003235	0.015922
	-0.001034	-0.007319	0.003756	0.009810	-0.026227	0.011431
	-0.014676	0.007071	-0.001908	-0.025791	0.035252	0.000494
	-0.029609	-0.007978	0.030350	-0.003074	0.007442	0.029337
	-0.002219	-0.006083	0.009169	-0.015863	0.015780	-0.001186
	0.019089					
z77	0.008926	-0.011896	-0.031801	-0.016143	0.011374	-0.001063
	-0.006239	-0.005579	-0.024440	-0.023169	0.057791	-0.006993
	0.045259	-0.016212	0.021999	0.014223	0.023559	-0.003503
	0.034006	0.010100	-0.040707	0.023850	-0.016600	-0.063982
	0.006760	0.035470	0.019537	0.022762	-0.015900	-0.001271
	0.002516					
x78	-0.008084	0.027095	0.002789	0.004889	-0.012582	-0.088564
	0.048775	0.023943	-0.040935	-0.012461	-0.009610	-0.057889
	-0.062639	-0.078030	-0.029628	-0.020510	-0.014505	0.062479
	-0.019766	-0.011310	0.004348	-0.016362	-0.030826	-0.030969
	-0.029302	0.006580	0.037342	0.028239	-0.015612	0.009084
	0.001554					
y78	-0.011313	0.018802	0.022514	0.008861	0.001369	0.035059
	-0.008257	-0.010190	0.010412	0.008421	-0.056063	0.020796
	-0.026055	0.024328	-0.011259	-0.026619	0.016801	-0.026869
	-0.046720	-0.009782	0.051888	-0.010177	0.020770	0.047601
	0.004756	-0.021288	0.013316	-0.019168	0.037781	-0.016539
	0.014294					
z78	0.006312	-0.013134	-0.013090	-0.015746	0.007538	-0.006540
	0.000954	0.007498	-0.009708	-0.002461	0.038535	-0.011407
	0.030101	-0.009184	0.029542	0.005518	0.022689	0.014328
	0.035175	0.004723	-0.087809	0.006522	-0.017106	-0.054143
	0.002327	-0.002003	0.005147	0.006599	-0.034038	0.017691
	-0.006999					

x79	-0.007913	0.023328	0.007043	0.000873	-0.002596	-0.086412
	0.042478	0.018289	-0.028703	-0.024419	-0.014475	-0.043421
	-0.060308	-0.077018	-0.026209	-0.019324	-0.028747	0.056460
	-0.027124	-0.008324	0.019179	-0.008331	-0.030350	-0.032271
	-0.024617	-0.003194	0.040414	0.012680	-0.014897	0.006951
	0.005088					
y79	-0.016846	0.025202	0.022920	0.016943	0.016229	0.047105
	-0.021047	-0.001208	0.023085	-0.001204	-0.089190	0.039326
	-0.023655	0.032279	-0.022207	0.003492	-0.008013	-0.025825
	-0.061369	-0.018629	0.055068	-0.011412	-0.002162	0.064630
	0.026515	-0.023101	0.007772	-0.014623	0.037288	-0.017186
	-0.008888					
z79	0.006197	-0.016991	-0.012582	-0.009628	0.014198	0.005479
	-0.001497	-0.000053	0.002490	-0.017071	0.044723	0.002237
	0.019545	0.009842	0.022052	-0.008047	0.001874	-0.007735
	0.037657	0.004260	-0.061310	0.007960	-0.006252	-0.033780
	-0.037978	-0.025998	-0.009574	-0.005698	-0.012933	0.011042
	0.016933					
x80	-0.005935	0.023167	0.011476	-0.005390	0.003469	-0.079402
	0.036128	0.018545	-0.019407	-0.030787	-0.018876	-0.031418
	-0.056827	-0.075555	-0.020095	-0.008305	-0.038967	0.042742
	-0.028812	-0.003599	0.029190	-0.004794	-0.026869	-0.027177
	-0.025209	0.007613	0.046614	0.008630	-0.020636	0.003526
	0.012025					
y80	-0.005319	0.029627	0.011940	0.012582	0.004487	0.034294
	-0.022910	0.014943	0.024540	-0.014439	-0.076723	0.053293
	0.001370	0.032717	-0.009338	0.005331	-0.023395	-0.019939
	-0.032048	-0.001975	0.025438	0.013686	-0.037178	0.064038
	0.008990	0.004425	-0.010189	0.017152	0.030826	-0.027174
	-0.028719					
z80	0.000623	-0.018924	-0.007308	-0.010619	0.017247	0.027112
	-0.008651	0.001287	0.004466	-0.010735	0.028150	0.001789
	0.024742	0.005490	0.005273	0.034108	-0.012089	-0.016546
	0.028370	-0.013206	-0.011473	-0.001015	0.005058	0.015346
	-0.025271	-0.034995	0.008122	-0.025241	-0.009473	0.023400
	0.025203					
x81	-0.004934	0.021810	0.012222	-0.007912	0.003738	-0.077854
	0.034886	0.018573	-0.019510	-0.031177	-0.018830	-0.029730
	-0.050890	-0.082077	-0.018370	0.000994	-0.037779	0.042263
	-0.024546	-0.005104	0.032415	-0.002880	-0.024453	-0.029025
	-0.023313	0.018132	0.045281	0.016512	-0.022062	0.001004
	0.012527					

y81	-0.007555	0.029919	0.008317	0.002724	-0.007861	0.032222
	-0.018924	0.013075	0.022975	-0.006187	-0.048333	0.047127
	0.019672	0.012654	-0.005011	0.001773	-0.040215	-0.011752
	-0.001004	0.003081	0.007765	0.017889	-0.036326	0.043896
	0.004767	0.021001	-0.013058	0.003631	0.024037	-0.038980
	-0.016695					
z81	-0.003247	-0.024224	-0.004601	-0.008905	0.025138	0.029845
	-0.009002	-0.008120	0.002674	0.005538	0.015680	-0.001057
	0.038953	-0.022112	-0.004358	0.056358	-0.006738	-0.003771
	0.017319	-0.034198	0.014877	0.006874	0.021071	0.023224
	0.018471	-0.028893	0.000895	-0.006625	-0.014779	0.024163
	0.006611					
x82	-0.007157	0.022118	0.013371	-0.013173	0.007377	-0.070066
	0.034614	0.016817	-0.018514	-0.021551	-0.017093	-0.028350
	-0.043156	-0.086974	-0.017001	-0.003511	-0.045334	0.055721
	-0.010056	-0.001622	0.035597	-0.002039	-0.029267	-0.027925
	-0.022821	0.010052	0.042580	0.018743	-0.014497	0.004585
	0.017555					
y82	-0.028528	0.024899	0.013869	-0.007351	0.014520	0.049356
	-0.030820	-0.008390	0.037242	0.022203	-0.037474	0.045736
	0.045552	-0.018250	-0.024269	-0.004387	-0.057470	0.038099
	0.011322	-0.005110	-0.001837	0.018565	-0.030566	0.038718
	0.039935	0.002413	-0.033296	-0.024022	0.001901	-0.048654
	-0.016839					
z82	-0.010015	-0.020105	-0.000370	0.005581	0.015675	0.020174
	-0.002003	-0.017543	0.002274	0.011572	0.003320	-0.015779
	0.026946	-0.026973	-0.006001	0.026076	-0.012902	0.001698
	0.000991	-0.017028	0.017696	0.006423	0.011816	0.011302
	0.025923	0.006869	-0.011833	0.019270	-0.001594	0.021135
	0.004517					
x83	-0.005137	0.022156	0.013182	-0.022664	0.007728	-0.065111
	0.027450	0.018476	-0.013383	-0.018539	-0.003040	-0.030176
	-0.040020	-0.076418	-0.007220	-0.006928	-0.046634	0.054540
	0.007516	0.002523	0.037598	-0.004535	-0.010863	-0.036234
	-0.030302	-0.006006	0.052752	0.022721	-0.013023	0.013681
	0.029085					
y83	-0.034158	0.014267	0.012007	-0.018779	0.006547	0.034741
	-0.028067	-0.006964	0.031415	0.014607	-0.019389	0.027971
	0.031091	0.008347	-0.011463	-0.014308	-0.049086	0.038807
	-0.004227	0.004934	0.005117	0.000334	-0.007059	0.018900
	0.019334	-0.018139	-0.030503	-0.034068	-0.011270	-0.020743
	0.004264					

z83	-0.002298	-0.009700	-0.000203	0.018342	-0.031786	-0.009317
	-0.005192	0.012894	0.003768	-0.053041	0.019223	-0.028339
	-0.001393	0.019551	0.019533	0.002718	-0.012788	-0.066685
	0.001464	0.024146	0.012635	-0.001015	0.010385	0.002227
	-0.048471	0.059980	-0.010460	-0.005751	-0.034774	-0.023115
	0.033614					
x84	-0.004086	0.017465	0.013471	-0.021298	0.009054	-0.072597
	0.027448	0.012634	-0.008008	-0.017577	0.004299	-0.039443
	-0.042008	-0.077607	-0.009853	-0.011284	-0.031482	0.052397
	-0.008304	0.001248	0.031596	-0.011674	0.002288	-0.048280
	-0.019429	-0.003158	0.053288	0.026758	-0.031057	0.021756
	0.023611					
y84	-0.023090	0.002375	0.007612	-0.021764	-0.022417	0.008128
	0.007368	0.004132	0.035574	-0.021053	-0.006010	0.015901
	0.011640	0.049864	0.017450	-0.009690	-0.016374	-0.022821
	0.003070	0.040883	0.017338	-0.019904	0.022979	0.022547
	-0.000866	-0.012879	0.023791	-0.008582	-0.020502	-0.002545
	0.004689					
z84	0.017557	-0.007541	-0.009284	0.037294	-0.020807	-0.002228
	-0.009039	0.017037	-0.022407	-0.033896	0.014126	-0.024911
	-0.007450	0.017702	0.007901	0.002653	0.014811	-0.034028
	0.021987	0.012258	0.000818	-0.016086	0.017500	-0.006770
	-0.043315	0.033089	0.037597	-0.005549	-0.030108	0.012841
	0.020636					
x85	-0.004190	0.012172	0.019404	-0.024019	0.013549	-0.067195
	0.028730	0.000308	-0.004023	-0.007943	-0.003673	-0.027537
	-0.027672	-0.088885	-0.022433	-0.026577	-0.035947	0.052755
	-0.022431	-0.006280	0.010738	0.005800	-0.009200	-0.048111
	-0.012608	-0.007657	0.039093	0.016776	-0.017563	0.031847
	0.015465					
y85	-0.024055	0.008035	0.013001	-0.021564	-0.025641	-0.003101
	0.025809	-0.015507	0.044184	-0.007425	-0.003718	0.028086
	0.004872	0.039909	0.006122	-0.003761	0.008737	-0.041075
	0.015449	0.026862	-0.005584	0.003622	0.012615	0.031761
	-0.006477	-0.011183	0.012326	-0.003946	-0.010613	-0.026830
	-0.002301					
z85	0.028145	-0.005766	-0.022257	0.027354	0.015314	0.016138
	-0.032134	0.009899	-0.041704	0.028055	0.012657	-0.018730
	-0.005069	0.007993	-0.002680	0.007924	0.011863	0.017108
	-0.016127	-0.034736	-0.018645	-0.014932	0.007451	-0.041629
	0.003760	0.006359	0.010919	-0.008843	0.026580	0.042634
	0.021732					

x86	-0.003161	0.014655	0.022478	-0.026784	0.016126	-0.053073
	0.027488	-0.001264	0.000985	-0.010400	-0.015789	-0.011130
	-0.022137	-0.096154	-0.030119	-0.025007	-0.038404	0.043591
	-0.008637	-0.000066	0.005040	0.009684	-0.017733	-0.022166
	-0.009802	-0.019400	0.019493	0.004255	-0.018430	0.012478
	0.007896					
y86	-0.013925	0.025635	0.008770	-0.013616	-0.005724	0.021221
	0.004381	-0.002165	0.019563	0.012965	-0.018469	0.055123
	-0.009705	0.008737	-0.018984	-0.006307	0.008163	-0.030465
	0.008938	-0.000877	-0.024307	0.003575	0.017935	0.015626
	-0.025081	-0.017748	-0.019495	-0.036382	0.006443	-0.046127
	-0.016215					
z86	0.020592	-0.010252	-0.025534	0.010125	0.016509	0.012884
	-0.001941	-0.000160	-0.017084	0.029501	0.004890	0.004331
	0.002674	0.022526	0.025209	0.008963	0.025689	0.002076
	-0.007853	-0.025869	-0.008756	-0.011916	-0.000769	-0.008466
	0.018630	-0.007076	-0.002528	0.039558	0.024198	0.033014
	0.004447					
x87	-0.008307	0.013869	0.026591	-0.028645	0.019865	-0.048942
	0.025552	-0.003217	0.007226	-0.018759	-0.019710	-0.009410
	-0.019404	-0.095707	-0.024936	-0.021561	-0.044750	0.032754
	-0.002465	0.007184	0.009177	0.009361	-0.013221	-0.006867
	-0.003772	-0.019948	0.011282	0.003552	-0.032006	-0.000677
	0.001790					
y87	-0.015342	0.030352	0.012278	0.003443	-0.008749	0.025903
	-0.005023	0.004742	0.016427	-0.008810	-0.013432	0.048953
	-0.018588	0.003084	-0.004622	0.001587	-0.004632	-0.030008
	0.019554	0.019198	0.000943	0.020451	-0.002013	0.006452
	-0.038036	-0.003440	-0.006892	-0.034485	-0.011635	-0.060977
	-0.030838					
z87	0.000460	-0.011044	-0.016299	0.000912	0.008284	0.016093
	0.005966	-0.002144	0.000904	0.010737	0.009264	0.000777
	0.009262	0.025588	0.015334	0.008454	0.011133	-0.010048
	-0.011476	-0.009206	-0.006876	-0.001242	0.006607	0.019771
	0.008582	-0.001200	-0.018464	0.043832	0.002272	0.021231
	0.003304					
x88	-0.009387	0.010957	0.027942	-0.031272	0.026304	-0.048351
	0.023568	-0.005511	0.006103	-0.021100	-0.022077	-0.005479
	-0.017351	-0.092779	-0.021709	-0.020756	-0.048557	0.031429
	0.004588	0.003941	0.005646	0.006821	-0.003689	-0.007791
	0.003451	-0.025965	0.011253	-0.006712	-0.032990	-0.001482
	-0.000196					

y88	-0.014116	0.026107	0.013316	0.012692	-0.011447	0.025278
	-0.014550	0.007787	0.003116	-0.022901	-0.000495	0.039027
	-0.027276	0.011815	-0.007660	0.008118	-0.002674	-0.028627
	0.015417	0.020055	-0.007174	0.028146	-0.011204	-0.011625
	-0.043107	0.004620	0.002589	-0.050717	-0.006768	-0.057534
	-0.027820					
z88	-0.002198	-0.002440	-0.008455	0.004634	0.002556	0.015101
	0.001241	-0.003060	0.005141	-0.001195	0.008341	0.001992
	-0.002564	0.013610	0.006574	0.009052	-0.002316	-0.020991
	-0.016257	-0.005167	-0.004869	0.004316	0.008515	0.021650
	-0.008082	0.010245	-0.026018	0.010358	-0.010814	-0.000954
	0.004123					
x89	-0.010687	0.007311	0.028738	-0.032814	0.034271	-0.045886
	0.021377	-0.010074	0.004776	-0.020283	-0.024833	-0.002541
	-0.014555	-0.090379	-0.019078	-0.020142	-0.052001	0.038498
	0.009472	0.001743	0.001502	0.006220	0.002699	-0.016199
	0.017386	-0.033638	0.014790	-0.002889	-0.031672	0.005274
	-0.006509					
y89	-0.015519	0.019070	0.010780	0.017551	0.001419	0.026957
	-0.018955	0.000224	-0.002450	-0.017492	0.001423	0.030810
	-0.028451	0.004869	-0.013220	0.011783	-0.004483	-0.011668
	0.011467	0.009795	-0.004818	0.025048	-0.009709	-0.016235
	-0.029111	0.000607	-0.001900	-0.044100	-0.013608	-0.030036
	-0.030948					
z89	-0.005053	0.004566	-0.002469	0.011471	-0.004154	0.018748
	-0.006593	0.004924	0.002043	-0.025587	0.010040	0.008354
	-0.011687	0.022478	0.012432	0.006605	-0.003487	-0.023465
	-0.015344	0.005770	-0.007637	0.015016	-0.007142	0.014052
	-0.019440	0.012959	-0.023211	0.003755	-0.018536	-0.011144
	-0.010538					
x90	-0.010914	0.003549	0.029034	-0.034421	0.037256	-0.044771
	0.020502	-0.012774	0.004091	-0.023960	-0.027604	-0.001634
	-0.012854	-0.082496	-0.012861	-0.020405	-0.056902	0.038337
	0.014028	0.004583	-0.000288	0.004370	0.011906	-0.025865
	0.025514	-0.037465	0.019947	0.003197	-0.028876	0.006627
	-0.006274					
y90	-0.015044	0.006711	0.004930	0.020102	0.008035	0.023152
	-0.018491	0.000641	-0.005330	-0.028397	0.002183	0.021071
	-0.026374	0.020738	-0.002374	0.009048	-0.007788	-0.008715
	0.006110	0.014401	-0.003918	0.022499	0.002713	-0.007931
	-0.030318	-0.005674	-0.018781	-0.027404	-0.005863	-0.014344
	-0.013870					

z90	-0.021643	0.002315	0.007370	0.015829	0.013097	0.031213
	-0.015437	-0.002009	0.004145	-0.023092	0.002678	0.007850
	-0.003093	0.014996	0.008726	0.007970	-0.011881	0.000931
	-0.011367	0.000724	0.004708	0.012351	-0.015876	0.007274
	-0.000818	0.005812	-0.025885	-0.007792	-0.019071	-0.004811
	-0.016862					
x91	-0.004222	0.000665	0.024905	-0.034720	0.034900	-0.046348
	0.020162	-0.013269	0.001111	-0.032139	-0.026506	-0.002583
	-0.013790	-0.065538	-0.002772	-0.020214	-0.061220	0.027466
	0.016895	0.009434	-0.005298	0.003315	0.022186	-0.039618
	0.025494	-0.036440	0.029886	0.013506	-0.027266	0.002769
	-0.005301					
y91	-0.016817	-0.006843	-0.001423	0.021893	0.029466	0.020044
	-0.020750	-0.011955	-0.001917	-0.021924	0.003927	0.009575
	-0.000406	0.021286	0.004958	-0.000634	-0.006437	0.015332
	-0.003099	0.001354	0.005967	0.018926	0.001776	-0.002609
	-0.016543	-0.007479	-0.034821	-0.009084	-0.010998	0.004639
	-0.001854					
z91	-0.018678	-0.000670	0.006886	0.025355	0.027377	0.036573
	-0.024784	-0.006691	-0.006725	-0.026768	-0.001823	0.004556
	-0.005886	0.019452	0.006693	0.012048	-0.013283	0.007301
	-0.008829	0.001661	0.011204	0.010268	-0.014663	0.003183
	-0.000054	-0.009029	-0.026696	-0.020337	-0.019295	0.004487
	-0.014415					
x92	0.001614	-0.001658	0.017521	-0.034600	0.037191	-0.047232
	0.021692	-0.017368	-0.000145	-0.032160	-0.018577	-0.004123
	-0.012050	-0.051325	-0.001457	-0.019659	-0.064629	0.025009
	0.018082	0.003458	-0.008745	0.005414	0.028769	-0.055614
	0.031603	-0.029230	0.035374	0.032492	-0.022539	0.001964
	-0.007323					
y92	-0.008088	-0.004122	-0.007305	0.013912	0.027613	0.013523
	-0.013175	-0.015153	0.005709	-0.008485	0.008403	0.003943
	-0.001843	0.009603	-0.007231	0.000446	0.007481	0.022252
	-0.005315	-0.016729	0.002300	0.013476	0.005181	-0.006182
	0.000330	0.003306	-0.041972	0.011935	0.004970	0.015082
	0.000720					
z92	-0.013296	-0.007724	-0.001633	0.028666	0.045787	0.035805
	-0.027413	-0.023232	-0.009355	-0.030681	0.007402	0.001106
	-0.008067	0.025964	-0.000113	0.009177	-0.007196	0.015630
	-0.009414	-0.009280	0.025104	0.015401	-0.007766	-0.004674
	0.005962	-0.008689	-0.037922	-0.005458	-0.005838	0.026024
	-0.002916					

x93	0.003716	-0.001965	0.015725	-0.031396	0.031451	-0.046098
	0.024528	-0.014415	-0.000987	-0.032805	-0.012252	-0.006988
	-0.012087	-0.047588	0.009597	-0.021471	-0.077829	0.020070
	0.026451	0.009901	-0.007398	0.008477	0.027277	-0.068188
	0.028186	-0.034862	0.051145	0.042400	-0.028084	0.002330
	-0.012249					
y93	-0.056359	0.002463	0.031041	-0.026001	0.006525	0.029512
	-0.012409	-0.004048	0.030321	-0.004100	0.003145	0.013419
	-0.026149	-0.003923	0.024296	-0.040936	-0.053624	0.000266
	0.017708	0.013091	0.012360	0.045789	-0.016950	0.013084
	-0.038359	-0.001612	-0.012351	0.023536	-0.024718	0.089604
	0.000643					
z93	0.028716	-0.008832	-0.019716	0.055592	0.044737	0.025825
	-0.033771	-0.026478	-0.025226	-0.024349	0.007601	-0.009171
	0.011335	0.010090	-0.002627	0.032993	0.018754	0.011008
	-0.023014	-0.016243	0.012722	-0.018322	-0.004982	-0.016315
	0.001366	-0.023529	-0.028033	-0.060986	-0.005508	-0.002922
	0.001310					
x94	0.020514	0.008177	-0.006654	0.011970	-0.014585	-0.033403
	0.007207	0.032989	-0.017677	0.037889	-0.007586	-0.003484
	0.002899	0.027536	-0.021618	0.060773	0.004449	-0.020069
	0.070146	-0.069712	0.005738	0.045516	-0.002814	0.042596
	-0.006600	-0.069739	-0.027109	-0.027279	-0.013012	-0.015075
	-0.001640					
y94	0.014956	0.024129	0.006031	0.033229	-0.012175	0.009605
	0.029537	-0.010571	-0.007244	-0.058079	-0.013879	0.025318
	0.021651	-0.026651	0.024776	0.004822	0.009039	0.023858
	0.059378	-0.021862	0.021514	-0.014348	0.011644	-0.011670
	-0.009745	0.017927	-0.000824	0.016994	0.010383	0.007095
	-0.038094					
z94	0.005473	-0.078840	0.020893	-0.014374	-0.054028	-0.029389
	-0.019567	0.010224	-0.003468	-0.019751	0.008330	0.014094
	-0.011537	0.023807	0.003582	0.048381	0.033587	-0.007035
	0.005396	-0.010778	-0.002312	-0.033424	0.032995	-0.027949
	0.014158	-0.037019	-0.041826	0.014864	-0.035831	-0.024299
	0.057267					
x95	0.026046	0.008483	-0.006863	0.000704	-0.000199	-0.032302
	0.007277	0.026363	-0.015913	0.049685	0.000233	-0.001700
	-0.008848	0.039109	-0.002605	0.059790	-0.013946	-0.029499
	0.080643	-0.072860	0.028668	0.067524	0.013020	0.034751
	-0.000541	-0.070796	-0.026342	-0.010020	0.007208	-0.009690
	-0.019049					

y95	0.003626	-0.025592	0.010979	0.027238	-0.033376	-0.011394
	0.012006	0.007923	-0.011249	-0.051060	-0.007742	0.023652
	-0.000842	0.013699	0.010613	0.023112	0.024623	0.006989
	0.027426	0.002281	-0.002088	-0.013579	0.017775	-0.044476
	0.008523	-0.001097	-0.024410	0.032670	-0.015687	-0.005068
	0.045097					
z95	0.008822	-0.020242	0.015530	0.012141	-0.029510	-0.007355
	0.005228	-0.003468	-0.003990	-0.035770	0.007372	0.013176
	0.002146	0.001168	0.009137	0.021427	0.016010	0.004035
	0.026303	0.015125	0.002853	-0.008947	0.017751	-0.012705
	-0.000793	-0.009905	0.004041	0.021114	-0.008852	-0.000360
	0.031493					
x96	0.025162	0.004766	-0.004830	-0.003317	0.008385	-0.032276
	0.009415	0.024316	-0.007530	0.042567	0.009160	-0.009013
	-0.015798	0.055876	0.001681	0.060062	-0.020388	-0.034431
	0.082047	-0.063429	0.029846	0.079998	0.024669	0.025612
	0.006094	-0.068022	-0.022188	0.003754	0.002190	0.002797
	-0.028279					
y96	0.015685	-0.010173	0.012694	0.034280	-0.030832	-0.009033
	0.020324	-0.008358	-0.014532	-0.040816	-0.009719	0.010614
	0.005443	0.001099	0.022489	0.015772	0.014971	0.000182
	0.042196	-0.000696	0.006630	-0.013492	0.023611	-0.039746
	-0.000809	0.007770	-0.000154	0.020227	-0.001090	-0.002110
	0.017198					
z96	0.011398	0.002056	0.012394	0.012670	-0.009962	-0.001700
	0.012064	-0.015950	-0.008860	-0.010492	0.011168	0.007569
	-0.001354	-0.008115	0.013733	0.009298	-0.000366	0.000910
	0.017103	0.020791	0.001481	0.007168	0.012235	0.007313
	-0.006617	-0.012976	0.023953	0.020603	-0.007941	-0.006415
	0.004511					
x97	0.025665	0.003571	-0.003792	-0.004011	0.016167	-0.031482
	0.010461	0.022834	-0.002416	0.039943	0.013961	-0.010886
	-0.017365	0.062703	0.005112	0.060628	-0.022987	-0.032731
	0.084394	-0.059629	0.029110	0.086759	0.030610	0.017390
	0.013199	-0.066038	-0.019028	0.009004	-0.000596	0.008408
	-0.036314					
y97	0.022767	0.004737	0.016275	0.033442	-0.024220	-0.005128
	0.024662	-0.022502	-0.007997	-0.040159	-0.004421	0.007326
	0.024916	-0.002443	0.010787	0.010762	0.011080	0.011404
	0.038440	0.005169	-0.010860	-0.008326	0.018807	-0.020288
	-0.000770	0.003480	0.022806	0.024044	-0.008862	-0.003430
	-0.006704					

z97	0.002277	0.002683	0.010771	0.008831	-0.019092	-0.005453
	0.014396	-0.005200	-0.007839	-0.035135	0.019170	0.005579
	0.006178	0.015398	0.006759	0.005625	0.007340	-0.003833
	-0.000937	0.031902	-0.008222	0.010294	0.014058	0.017941
	-0.017815	-0.000091	0.022960	0.024991	-0.003063	-0.002630
	0.000750					
x98	0.026412	0.003078	-0.003493	-0.003921	0.024067	-0.029054
	0.010400	0.023222	0.001724	0.043049	0.018315	-0.008474
	-0.016658	0.068123	0.012174	0.059002	-0.029412	-0.030665
	0.090801	-0.054573	0.030223	0.088175	0.035096	0.009775
	0.016893	-0.064470	-0.014338	0.014185	0.001901	0.014301
	-0.037032					
y98	0.027451	0.019967	0.015261	0.040325	-0.007223	-0.000371
	0.024159	-0.034175	-0.007339	-0.017054	-0.010716	0.014539
	0.045396	-0.027103	-0.001266	0.021085	-0.000017	0.040738
	0.028475	-0.008679	-0.001238	-0.001630	0.016555	-0.016005
	0.020734	0.002730	0.024312	0.040306	-0.001986	0.006572
	-0.011262					
z98	0.006258	0.009263	0.003181	0.004248	-0.020360	-0.005985
	0.010194	0.003488	-0.010551	-0.025740	0.009373	0.005635
	0.004828	0.009553	0.024255	0.001206	0.008110	-0.006571
	-0.014065	0.010548	0.012374	0.000315	0.003601	0.007333
	-0.018161	0.019717	0.004762	0.017523	0.013918	-0.008049
	0.010753					
x99	0.026015	0.002122	-0.003203	-0.004134	0.030222	-0.025438
	0.008669	0.023238	0.001145	0.045752	0.019952	-0.003356
	-0.017050	0.075751	0.020461	0.055483	-0.037045	-0.032393
	0.103420	-0.044617	0.025968	0.078793	0.034814	0.003850
	0.014542	-0.071237	-0.010332	0.011480	0.005009	0.017391
	-0.027369					
y99	0.013767	0.029572	0.020295	0.041317	0.002388	-0.004304
	0.022523	-0.041880	-0.003999	-0.024561	-0.003033	0.016804
	0.062163	-0.008540	-0.029388	0.027389	0.004176	0.046167
	0.010694	-0.009268	-0.026981	-0.010554	0.014184	0.007250
	0.027539	-0.004509	0.019771	0.037144	-0.003434	0.002003
	0.021666					
z99	0.000410	0.005553	-0.000868	-0.013330	-0.009306	0.003723
	-0.002050	0.003036	-0.011352	-0.004230	-0.003382	-0.006582
	-0.006156	0.007675	0.012352	-0.013766	0.006581	0.000968
	-0.025147	-0.009390	0.015444	-0.021357	-0.017252	-0.007907
	-0.009697	0.016647	-0.031600	-0.008283	0.008027	-0.010933
	0.004096					

x100	0.023563	-0.000996	-0.003270	-0.005291	0.031507	-0.020219
	0.004517	0.023110	-0.005687	0.044368	0.013506	-0.001830
	-0.023007	0.077112	0.025609	0.050681	-0.038868	-0.032826
	0.106258	-0.031936	0.021687	0.058156	0.036038	-0.000997
	0.010099	-0.084001	-0.012756	-0.004640	0.004825	0.017870
	-0.013477					
y100	0.003819	0.038430	0.018926	0.026476	0.003434	-0.009662
	0.013114	-0.036674	-0.015408	-0.021815	-0.005773	0.014739
	0.040939	0.020847	-0.031000	0.021411	0.007144	0.026965
	-0.011112	-0.016973	-0.032601	-0.033243	0.011919	0.007117
	0.012541	-0.015460	-0.011494	0.010511	0.015253	-0.008126
	0.036077					
z100	0.003833	-0.015743	-0.003828	-0.029799	-0.005973	0.014641
	-0.014882	0.013330	-0.007208	0.017434	-0.017940	-0.008542
	-0.024509	0.002625	-0.006231	-0.010907	0.017776	-0.008106
	-0.031871	-0.012527	0.017063	-0.038273	-0.024444	-0.034497
	-0.013359	0.012320	-0.047417	-0.035475	0.023021	-0.002445
	-0.002771					
x101	0.019811	-0.005272	-0.002878	-0.005569	0.030163	-0.017356
	0.000778	0.020922	-0.013816	0.042338	0.003511	0.002012
	-0.027516	0.074092	0.029194	0.041141	-0.035580	-0.025947
	0.107728	-0.019360	0.021999	0.039924	0.035555	-0.002113
	0.010763	-0.087124	-0.003549	-0.027417	0.006807	0.012626
	0.009174					
y101	-0.008599	0.033499	0.014974	0.011785	-0.004380	-0.018473
	-0.007198	-0.011198	-0.018907	-0.014393	-0.020824	0.006882
	0.029055	0.037488	-0.032594	-0.005270	0.012803	0.008834
	-0.015089	-0.012340	-0.022546	-0.041613	0.025763	-0.003598
	0.008166	-0.008225	-0.007199	-0.016353	0.032812	-0.000960
	0.055283					
z101	0.003095	-0.052286	-0.005499	-0.032576	-0.013104	0.024168
	-0.008093	0.017557	0.012773	0.010479	-0.003255	-0.012278
	-0.027204	-0.007064	-0.021668	-0.002017	0.030096	-0.019461
	-0.030584	0.012715	0.006731	-0.022919	-0.035007	-0.034014
	-0.014674	0.009312	-0.029747	-0.020735	0.014326	0.014222
	-0.013501					
x102	0.015065	-0.009390	0.001763	-0.004877	0.026538	-0.013969
	0.003516	0.013485	-0.021138	0.040311	-0.005078	0.007500
	-0.027089	0.069681	0.027043	0.031398	-0.028014	-0.021675
	0.106288	-0.008373	0.027571	0.021256	0.027655	0.002382
	0.015785	-0.078069	0.018585	-0.045349	0.002629	-0.001517
	0.025381					

y102	-0.002826	0.017648	0.004652	0.009419	-0.005636	-0.012578
	-0.015953	-0.008921	-0.013627	0.006027	-0.027838	0.002880
	0.013986	-0.004497	-0.017697	-0.013989	0.003352	-0.011081
	0.004016	-0.025891	0.019161	-0.018787	0.017786	-0.005619
	0.009682	0.006917	0.013164	0.009405	0.037309	0.006559
	0.020386					
z102	0.010960	-0.071576	-0.009500	-0.022698	-0.010816	0.030432
	0.016574	0.005306	0.037693	-0.015199	0.025492	-0.009410
	-0.006358	-0.014196	-0.016647	0.024251	0.025162	-0.008928
	-0.026298	0.046557	-0.014275	0.011590	-0.058740	-0.001780
	-0.029077	0.007166	-0.025597	0.000685	-0.018309	-0.001911
	-0.031338					
x103	0.014301	-0.008743	0.016067	-0.001585	0.026983	-0.016877
	0.018090	0.013743	-0.029642	0.036199	-0.008689	0.015668
	-0.016897	0.068961	0.017550	0.031080	-0.017843	0.000789
	0.108873	0.016595	0.023993	-0.005913	0.006169	0.006951
	0.043856	-0.064534	0.034150	-0.062641	-0.016910	-0.011478
	0.057128					
y103	0.061368	0.023115	-0.006152	0.036015	-0.007236	-0.015620
	0.034219	-0.050646	-0.003745	-0.046726	0.017513	-0.001161
	0.027846	-0.012140	0.007641	0.029981	0.033284	-0.001202
	0.005874	-0.018166	0.043489	0.053393	-0.031978	0.008522
	0.036998	0.021976	0.012689	0.031560	-0.035467	0.051705
	0.038819					
z103	0.033386	-0.075347	-0.001758	-0.004125	-0.004298	0.042686
	0.021647	0.012948	0.037759	-0.019768	0.008920	0.006383
	-0.014603	-0.015761	-0.004695	0.033980	-0.003572	0.010035
	-0.010319	0.015826	-0.014292	-0.000112	-0.050708	0.005136
	-0.001012	0.026385	-0.020835	-0.004106	-0.009808	0.029705
	-0.016229					
x104	-0.014863	-0.001183	0.036020	-0.018480	-0.035580	-0.042575
	-0.050298	0.003090	-0.034009	0.021930	0.012554	0.018662
	0.025737	-0.001869	0.006836	-0.001003	0.037921	0.012911
	-0.019401	-0.000859	0.020484	0.032486	0.005583	0.005268
	-0.001059	-0.049222	-0.022576	0.009215	-0.012726	0.021779
	-0.027200					
y104	-0.022732	0.006089	0.038029	0.041447	-0.014275	-0.038313
	0.035397	-0.008204	-0.025165	-0.003297	0.033692	0.000432
	-0.010728	0.008666	-0.019598	0.013475	0.002303	-0.026311
	-0.049097	-0.009356	0.048065	-0.010299	0.021426	0.004882
	-0.013103	0.002227	-0.028304	0.018527	-0.012983	0.007917
	-0.006131					

z104	-0.024240	-0.005390	0.035970	0.023966	-0.070032	-0.049735
	-0.028389	-0.029827	0.001869	0.013220	0.012973	0.005992
	-0.012694	0.048209	-0.034549	-0.005570	0.022815	0.018598
	0.024083	0.004919	0.025225	0.006059	-0.009669	0.003911
	0.003046	-0.021704	-0.031646	0.010909	0.011967	0.021417
	-0.004468					
x105	0.002318	-0.002722	0.000726	-0.023267	0.007430	0.012567
	-0.006469	0.006163	-0.001904	-0.000798	0.003613	0.006087
	0.022465	-0.016104	0.007820	0.005263	-0.001435	-0.000683
	-0.014224	-0.004340	-0.013566	-0.013244	-0.021223	0.009769
	0.003955	0.002766	0.014508	-0.010019	0.004036	-0.014999
	0.006232					
y105	-0.021385	0.010018	0.044872	0.042767	-0.019436	-0.043966
	0.032516	-0.002948	-0.024335	0.008422	0.020254	-0.003537
	-0.016434	0.022264	-0.012405	0.015625	0.005687	-0.028202
	-0.051185	-0.009437	0.043932	-0.008681	0.015103	0.004721
	-0.015306	-0.002819	-0.020434	-0.000872	-0.014678	-0.000380
	-0.014444					
z105	-0.005682	0.008275	-0.001420	0.027017	-0.034147	-0.014424
	0.007504	-0.020586	0.004689	0.015393	-0.002594	-0.005199
	-0.020935	0.017031	-0.010548	-0.005453	-0.015030	0.015250
	0.021298	-0.003165	0.011924	-0.007620	0.006032	-0.019814
	-0.000210	-0.014511	-0.003944	0.007859	0.014875	0.023276
	-0.006255					
x106	-0.000469	-0.008924	0.010723	-0.029326	0.013563	0.007720
	-0.018934	0.013836	-0.003042	-0.003030	0.000974	0.017844
	0.020503	-0.013317	-0.003791	0.008788	0.016840	-0.008202
	-0.024212	-0.004392	-0.022260	-0.020587	-0.023206	0.023400
	0.002699	-0.004500	0.000514	-0.007301	0.014574	-0.017129
	0.011411					
y106	-0.019059	0.010711	0.045451	0.045403	-0.022971	-0.046906
	0.029957	-0.006956	-0.021661	0.013836	0.015826	-0.008917
	-0.019040	0.031162	-0.010004	0.015039	0.007349	-0.033608
	-0.054870	-0.008295	0.041063	0.000323	0.013721	0.003272
	-0.020099	0.000743	-0.020025	-0.009694	-0.017114	-0.000418
	-0.022064					
z106	-0.002534	0.011283	-0.007004	0.023389	-0.023504	0.000993
	0.022347	-0.018367	-0.000535	0.003152	0.000035	-0.009160
	-0.018391	0.010772	0.001747	-0.002764	-0.023284	0.015824
	0.020722	0.000153	0.007176	0.005893	0.005418	-0.013555
	-0.000734	-0.012095	0.008605	0.001074	0.002459	0.005235
	-0.013272					

x107	-0.003351	-0.014906	0.019264	-0.028409	0.012538	-0.004894
	-0.030277	0.019587	-0.004532	0.006562	0.000790	0.018701
	0.008145	-0.010879	0.000025	0.010424	0.021230	-0.016478
	-0.024243	-0.000797	-0.023766	-0.026046	-0.020108	0.017558
	-0.000718	-0.005545	-0.004459	0.001529	0.020388	-0.008902
	0.010648					
y107	-0.017492	0.010907	0.044892	0.046261	-0.026953	-0.047351
	0.027877	-0.011928	-0.019672	0.016168	0.012611	-0.013344
	-0.019569	0.037896	-0.006539	0.011849	0.008574	-0.038220
	-0.054637	-0.005211	0.040613	0.009688	0.012639	0.000862
	-0.025389	0.009277	-0.019583	-0.016018	-0.018058	-0.001742
	-0.027705					
z107	0.001075	0.012475	-0.004924	0.014270	-0.011751	0.008611
	0.016848	-0.015392	-0.007352	-0.011425	-0.006198	-0.000826
	-0.011926	0.006468	0.009304	0.005213	-0.020000	0.014539
	0.006588	-0.003355	0.000537	0.013277	0.005256	-0.003534
	0.003000	-0.017276	0.000654	-0.000626	0.003027	-0.010054
	0.000303					
x108	0.000649	-0.019608	0.020094	-0.026200	0.007373	-0.014832
	-0.032954	0.029096	0.002887	0.029244	0.001896	0.008467
	0.003592	-0.010460	0.002146	0.000106	0.018528	-0.017252
	-0.015469	-0.001601	-0.022313	-0.026952	-0.020305	0.000318
	0.000875	0.007016	-0.007840	-0.010068	0.031217	0.001601
	-0.001490					
y108	-0.016525	0.010851	0.043749	0.044218	-0.030205	-0.046537
	0.025848	-0.015715	-0.019013	0.015901	0.012849	-0.013675
	-0.019300	0.040115	-0.003019	0.008167	0.007260	-0.041630
	-0.050183	-0.000852	0.040853	0.017510	0.011860	0.001144
	-0.030379	0.014631	-0.018262	-0.020230	-0.018569	-0.002155
	-0.031300					
z108	-0.001742	0.008279	0.001805	0.006766	-0.004704	0.006807
	0.005330	-0.013301	-0.009191	-0.022518	-0.006655	-0.000860
	-0.007466	0.010571	0.025339	0.004203	-0.014071	0.006039
	-0.013063	-0.001238	-0.003243	0.009269	0.002898	-0.008039
	0.010885	-0.006874	-0.005871	0.011839	0.005332	-0.013122
	0.008981					
x109	0.003195	-0.025458	0.017037	-0.018950	-0.000728	-0.023226
	-0.029527	0.039411	0.019718	0.046701	-0.001256	0.003771
	0.001384	-0.013863	0.015494	-0.004657	0.008555	-0.013587
	0.011850	0.001577	0.001703	-0.019236	-0.027368	-0.009792
	-0.003166	0.018822	-0.003806	-0.013426	0.036894	0.006742
	-0.004776					

y109	-0.014710	0.011412	0.042667	0.040499	-0.031950	-0.043200
	0.025025	-0.018332	-0.021098	0.016105	0.016662	-0.011543
	-0.017958	0.039893	-0.006797	0.005151	0.006439	-0.040103
	-0.043098	0.002278	0.035334	0.022733	0.009573	0.004009
	-0.035955	0.012471	-0.016807	-0.028395	-0.015452	0.000260
	-0.030407					
z109	-0.009210	-0.005810	0.007634	0.003327	-0.002671	-0.004067
	-0.004820	-0.000765	0.002054	-0.021214	-0.001673	-0.006805
	-0.002434	0.017262	0.036779	-0.009715	-0.012011	-0.008894
	-0.018450	0.005574	0.011824	0.001238	-0.001444	-0.015580
	0.018224	0.017307	-0.011242	0.025065	0.007019	-0.004765
	0.013533					
x110	-0.004758	-0.033317	0.016793	-0.013618	-0.019547	-0.022622
	-0.020951	0.043445	0.028991	0.027336	0.002398	-0.006174
	0.009417	0.008878	0.025539	-0.007845	-0.005002	-0.001663
	0.029362	0.013853	0.001864	-0.008924	-0.020689	-0.001930
	-0.017751	0.023239	-0.000914	-0.018149	0.030499	0.014419
	0.004016					
y110	-0.012239	0.011638	0.040551	0.034730	-0.032751	-0.038919
	0.026223	-0.019723	-0.023329	0.014715	0.021644	-0.006419
	-0.015606	0.036762	-0.004407	0.002662	0.002690	-0.034871
	-0.031283	0.006978	0.031631	0.028892	0.006475	0.010209
	-0.042551	0.008130	-0.017019	-0.033597	-0.010403	0.006170
	-0.026897					
z110	-0.007395	-0.022601	0.009803	0.005993	-0.006932	-0.009837
	-0.012565	0.014269	0.018956	-0.004179	0.007987	-0.012687
	0.001990	0.015649	-0.000616	-0.017615	0.006561	-0.008635
	-0.008470	0.015530	0.005345	-0.008015	-0.002130	-0.013272
	0.012912	0.026517	-0.013920	0.005917	0.012734	0.011361
	0.016426					
x111	-0.005032	-0.030809	0.010042	-0.005859	-0.024514	-0.014769
	-0.006086	0.027423	0.027953	0.006777	0.000845	-0.010093
	0.010791	0.023467	0.025688	-0.006640	-0.019426	0.011151
	0.028171	0.019503	-0.005376	-0.001905	-0.021091	0.010080
	-0.019939	0.013855	-0.003845	-0.018223	0.023806	0.004334
	-0.000398					
y111	-0.009911	0.010803	0.038579	0.027329	-0.032962	-0.035808
	0.027489	-0.019537	-0.024039	0.011587	0.026824	-0.000907
	-0.013593	0.032698	0.001295	0.000071	-0.001734	-0.029801
	-0.022217	0.011361	0.024974	0.033276	0.006588	0.018355
	-0.047882	0.004954	-0.019073	-0.032068	-0.006991	0.016426
	-0.022936					

z111	0.000902	-0.030436	0.007140	0.011283	-0.015687	-0.010444
	-0.016756	0.020270	0.021385	0.012159	0.016086	-0.010972
	0.010050	0.005014	-0.014536	-0.009102	0.009700	0.006943
	0.012705	0.015175	-0.004810	0.000886	-0.018458	-0.017709
	-0.004814	0.024138	-0.002113	-0.016865	0.017405	0.012483
	0.001940					
x112	-0.001175	-0.020066	0.001587	-0.004990	-0.015492	-0.003805
	0.002386	0.012290	0.012880	-0.002198	0.003140	-0.009039
	0.007356	0.014022	0.013803	-0.000784	-0.015134	0.015303
	0.003399	0.016024	-0.020509	0.000374	-0.013151	0.008286
	-0.012904	-0.000952	0.001977	-0.016209	0.012972	-0.004993
	-0.007652					
y112	-0.008085	0.009231	0.036554	0.020307	-0.031858	-0.033231
	0.029376	-0.018991	-0.021855	0.008998	0.030394	0.003171
	-0.011540	0.025816	0.008413	-0.000205	-0.006596	-0.025008
	-0.014090	0.014555	0.018720	0.035228	0.004990	0.023949
	-0.048679	0.002872	-0.023099	-0.026951	-0.003681	0.027932
	-0.021678					
z112	0.001580	-0.037049	0.004223	0.013237	-0.022558	-0.002994
	-0.013886	0.027391	0.016353	0.002168	0.015456	-0.010789
	0.012841	0.007765	0.008199	0.004951	-0.005495	0.014401
	0.022467	0.006333	-0.019254	0.010788	-0.028274	-0.031345
	-0.006802	0.026358	0.007171	-0.013457	0.018774	0.006954
	-0.012149					
x113	-0.024064	-0.030855	0.052389	-0.039376	0.003807	-0.041131
	-0.028447	0.042906	-0.001755	0.032531	-0.005900	0.004927
	0.006289	0.019531	0.023132	-0.010701	-0.003844	-0.020465
	0.053281	-0.008956	-0.022192	-0.015909	0.000557	-0.031168
	0.000390	0.014174	0.010935	-0.023108	-0.015021	0.039563
	-0.014696					
y113	-0.000375	0.005768	0.020131	0.017800	-0.019418	-0.021362
	0.032442	-0.033592	-0.021185	0.003432	0.050760	0.007548
	-0.004376	-0.001451	-0.004730	0.001043	-0.003786	-0.030045
	-0.012794	0.016268	0.015119	0.042025	0.013640	0.032873
	-0.051407	0.006391	-0.034300	-0.021492	-0.004542	0.046177
	-0.016430					
z113	0.023279	-0.036280	-0.020073	0.033061	-0.024675	0.011572
	0.021004	0.012722	0.036827	0.000825	-0.001010	-0.010548
	-0.014272	0.003632	-0.022884	0.007075	-0.021142	0.037688
	0.018924	0.021572	-0.013390	0.006533	-0.033337	0.019595
	-0.005518	0.012898	-0.018596	-0.022776	0.021666	-0.002673
	-0.014520					

x114	0.021463	0.002844	-0.020477	0.002802	-0.033557	-0.014994
	-0.067941	-0.050370	-0.002277	-0.015449	0.031464	0.027724
	0.016315	-0.000374	-0.007303	-0.015504	-0.011355	0.012233
	-0.029175	-0.016428	0.034262	0.050263	0.019024	0.042352
	-0.038007	0.048213	-0.032331	0.014968	0.029146	0.082580
	-0.016865					
y114	-0.036912	-0.002050	0.045349	-0.018669	-0.007140	-0.011008
	0.012293	0.014357	-0.010937	0.000370	0.046430	-0.040950
	-0.000353	0.014766	0.002234	0.063346	0.020464	0.021334
	-0.019539	-0.007557	-0.021509	-0.037664	0.001103	0.029479
	0.001266	0.003151	-0.025412	-0.047131	-0.021931	-0.017254
	-0.019523					
z114	-0.018253	-0.020906	0.050546	0.025603	-0.022324	-0.025190
	0.004170	-0.046951	0.002448	0.007195	0.043829	-0.013672
	-0.014457	0.043994	-0.082549	0.029144	0.030387	-0.002991
	-0.002989	0.031048	-0.034865	-0.019647	-0.004473	0.001492
	-0.027967	0.002207	-0.008569	-0.004720	0.003665	0.007210
	-0.016462					
x115	0.027567	0.001338	-0.021008	0.003767	-0.021365	-0.005328
	-0.063184	-0.043354	0.014093	-0.013173	0.027427	0.031193
	0.018665	0.006897	-0.024592	-0.044161	-0.011800	0.004046
	-0.016113	-0.022701	0.015080	0.042061	0.004282	0.043165
	-0.012022	0.058671	-0.009711	0.019818	0.032098	0.051580
	-0.014694					
y115	-0.018610	-0.003685	0.002534	-0.025460	0.000626	-0.001538
	0.009225	0.032615	-0.003330	-0.018948	-0.001411	-0.016833
	-0.008508	0.007141	0.035498	0.003972	-0.000591	-0.016269
	-0.005634	0.002911	0.004171	-0.016940	0.013827	0.010429
	0.015223	-0.007521	-0.006571	0.002828	-0.017978	-0.038980
	-0.006470					
z115	0.009107	-0.006363	0.006169	0.034472	0.001006	-0.010647
	0.010183	-0.025185	0.003971	0.015439	-0.009201	0.003964
	0.001759	0.001736	-0.024321	-0.006380	-0.011367	-0.005599
	0.012863	0.007406	0.014832	-0.011890	0.003922	-0.028396
	0.000287	0.006093	0.004722	0.022533	0.011907	0.003129
	0.012591					
x116	0.028290	0.001307	-0.014389	0.002992	-0.016767	-0.002558
	-0.062636	-0.045283	0.017780	-0.004964	0.037416	0.031170
	0.012819	0.010276	-0.045782	-0.043593	-0.015037	0.000936
	-0.006520	-0.026922	-0.000523	0.040084	0.003478	0.052719
	-0.010124	0.068447	0.003706	0.009241	0.038205	0.039271
	-0.022590					

y116	-0.024989	-0.004190	0.005645	-0.026493	-0.004156	-0.006263
	0.009939	0.038204	-0.008986	-0.024813	0.011911	-0.008171
	-0.009342	0.010003	0.022951	0.003788	0.011627	-0.020881
	-0.018200	0.006870	-0.002550	-0.006730	0.014847	0.018778
	0.011718	-0.011764	-0.006727	0.002811	-0.017756	-0.043387
	-0.006333					
z116	0.009774	-0.002745	-0.003320	0.028358	0.001641	0.001976
	0.006792	-0.021047	0.003994	0.015228	-0.023475	-0.002715
	-0.007989	0.002940	-0.008566	-0.007617	-0.010151	-0.002196
	0.023683	-0.006657	0.015977	-0.000006	-0.004309	-0.029916
	-0.011666	0.010635	0.001459	0.014047	0.003383	0.001091
	0.015158					
x117	0.029070	0.001168	-0.006166	0.002397	-0.011739	-0.000568
	-0.059708	-0.046389	0.021524	0.002786	0.044490	0.030045
	0.011289	0.009567	-0.057053	-0.042506	-0.019487	-0.000818
	0.001119	-0.033234	-0.010788	0.036117	0.002057	0.053578
	-0.003738	0.073974	0.014214	0.002977	0.045490	0.030243
	-0.030417					
y117	-0.023742	-0.001292	0.011883	-0.021411	-0.001051	-0.011948
	0.011237	0.042389	-0.016621	-0.015847	0.027117	-0.001607
	-0.000813	-0.005515	0.030369	0.019138	0.012652	-0.024039
	-0.020411	-0.001642	0.005147	-0.004607	0.013654	0.014529
	0.021791	-0.016071	-0.012423	0.006929	-0.012780	-0.043606
	-0.013192					
z117	0.006165	0.001486	-0.012958	0.021599	0.001309	0.009912
	0.008184	-0.012474	0.009240	0.005148	-0.033631	-0.004770
	-0.008813	0.001988	0.012357	-0.013892	-0.003771	-0.004238
	0.017456	-0.023945	0.015452	0.023062	-0.013805	-0.027408
	-0.025427	0.009851	-0.005861	0.012768	-0.000277	-0.010419
	0.016509					
x118	0.029911	-0.001507	0.004736	-0.000271	-0.005423	-0.002107
	-0.055965	-0.047206	0.021345	0.006550	0.058696	0.030394
	0.016131	0.009638	-0.062016	-0.037878	-0.029472	0.002917
	0.008326	-0.028013	-0.014356	0.017903	0.003369	0.046919
	0.009753	0.076157	0.024933	0.002409	0.046928	0.024918
	-0.029720					
y118	-0.019276	-0.004665	0.019579	-0.019994	0.005663	-0.016945
	0.010727	0.043274	-0.024428	-0.008877	0.051141	0.002786
	0.019034	-0.013944	0.037759	0.028481	-0.003133	-0.015272
	-0.017173	0.004221	0.019340	-0.026272	0.018572	0.001452
	0.033427	-0.012649	-0.009739	0.008574	-0.015047	-0.031402
	-0.015079					

z118	0.001159	0.006564	-0.011750	0.017867	0.004108	0.010817
	0.011055	0.000168	0.004998	-0.000803	-0.023583	-0.006145
	-0.003599	-0.002431	0.037820	-0.000398	-0.005964	-0.006257
	0.002707	-0.038998	0.016034	0.029597	-0.019900	-0.030648
	-0.015286	0.012807	-0.009592	0.011642	-0.002714	-0.019839
	0.006241					
x119	0.032148	-0.004102	0.015148	-0.002658	-0.000205	-0.004245
	-0.053358	-0.047799	0.020291	0.014133	0.071154	0.030186
	0.020251	0.007410	-0.067983	-0.031659	-0.037599	0.007543
	0.013565	-0.019905	-0.019029	0.000194	0.004481	0.038071
	0.020300	0.073559	0.037007	-0.001037	0.046755	0.022120
	-0.025764					
y119	-0.009879	-0.008455	0.020886	-0.012827	0.009502	-0.018871
	0.011945	0.039748	-0.015715	0.010871	0.053181	0.001832
	0.029995	-0.025812	0.044632	0.029206	-0.006847	-0.003295
	-0.012785	0.000075	0.047400	-0.024904	0.022635	-0.007945
	0.023783	0.000636	-0.006353	-0.001799	-0.004326	-0.016781
	-0.017953					
z119	-0.002794	0.005611	0.000776	0.012008	0.005240	0.006659
	0.012823	0.009648	-0.011092	-0.005612	0.007332	-0.007546
	0.006374	-0.003275	0.037469	0.021709	-0.017835	-0.001236
	-0.015131	-0.020789	0.001958	0.006108	-0.013494	-0.035974
	0.009977	0.006443	-0.001156	0.008384	-0.005051	-0.008466
	0.003234					
x120	0.033140	-0.008002	0.019397	-0.002558	0.004821	-0.005096
	-0.050816	-0.046776	0.025019	0.019859	0.077896	0.030698
	0.024661	0.006385	-0.075697	-0.031666	-0.037574	0.001243
	0.020695	-0.017513	-0.019201	-0.002050	0.002030	0.028147
	0.019329	0.068165	0.045679	-0.003680	0.044570	0.018577
	-0.020410					
y120	-0.005819	-0.016214	0.019246	-0.002259	0.008206	-0.016866
	0.014739	0.041949	0.011094	0.017462	0.044382	-0.003933
	0.029271	-0.016548	0.033401	0.012270	0.008349	0.006216
	-0.003291	-0.007461	0.050818	-0.003889	0.018503	-0.003184
	0.001575	0.010933	-0.010459	-0.014485	-0.007738	-0.015510
	-0.015264					
z120	-0.004539	0.001588	0.023707	0.009126	-0.001503	-0.006451
	0.014686	0.027685	-0.013885	0.011991	0.020551	-0.011660
	0.012712	-0.007700	0.027663	0.033310	-0.013789	0.009819
	-0.019262	-0.002584	-0.014188	-0.007926	-0.000082	-0.024372
	0.023364	-0.012296	0.003134	-0.012277	0.006325	0.017547
	0.007625					

x121	0.032257	-0.010479	0.023197	0.000475	0.011026	-0.008762
	-0.044154	-0.039988	0.031516	0.025697	0.060881	0.030650
	0.031220	0.012963	-0.075968	-0.032439	-0.040296	-0.012931
	0.031863	-0.025412	-0.030150	0.001847	-0.006722	0.006201
	0.021807	0.050851	0.053647	-0.007080	0.036631	0.008665
	-0.019962					
y121	-0.001093	-0.013862	0.020391	0.011174	0.006465	-0.017043
	0.015339	0.047659	0.020206	0.029012	0.004389	-0.011715
	0.029017	-0.011359	0.043481	-0.003455	0.007300	0.010498
	0.005550	-0.025553	0.021509	0.014494	0.006699	-0.011451
	-0.006819	0.005881	-0.017426	-0.006828	-0.008338	-0.030501
	-0.024351					
z121	0.002655	-0.008288	0.034415	0.019424	-0.001439	-0.015396
	0.016906	0.043650	0.004170	0.032065	0.014832	-0.011195
	0.021681	-0.015932	0.022122	0.016335	-0.000224	0.023492
	-0.000669	-0.009403	0.000255	-0.011226	0.000532	-0.015830
	0.027422	-0.010328	-0.007562	-0.020657	0.011352	0.018941
	0.012829					
x122	0.027509	-0.011013	0.021725	0.000580	0.014049	-0.008197
	-0.036769	-0.036573	0.031807	0.023405	0.038528	0.031592
	0.029050	0.018617	-0.062233	-0.027088	-0.047399	-0.030041
	0.038477	-0.034500	-0.040606	0.014396	-0.010422	-0.017768
	0.022754	0.038818	0.058019	-0.002605	0.023750	0.000612
	-0.022050					
y122	-0.006444	-0.008666	0.012067	0.007696	-0.003563	-0.010652
	0.016192	0.033840	0.017015	0.017360	-0.020954	-0.011642
	0.010674	-0.007560	0.044451	-0.008220	0.004653	0.005155
	0.006109	-0.023112	-0.000477	0.027898	0.005516	-0.002060
	-0.008162	0.004738	-0.035118	0.014805	0.000036	-0.024781
	-0.022918					
z122	0.007557	-0.017138	0.029939	0.031195	0.007519	-0.014127
	0.021238	0.056859	0.015929	0.032865	0.004334	-0.005177
	0.029811	-0.017359	0.042144	0.005575	0.002765	0.025496
	0.009673	-0.025683	0.003971	0.006019	-0.007487	-0.036480
	0.019173	0.012813	-0.008622	-0.001440	0.007560	-0.009047
	-0.007953					
x123	0.021422	-0.015496	0.027136	-0.007896	0.013612	-0.018749
	-0.025461	-0.028737	0.027626	0.016900	0.028738	0.027227
	0.019402	0.015899	-0.037429	-0.010441	-0.067836	-0.035480
	0.044037	-0.016160	-0.040683	0.006488	-0.004343	-0.023103
	0.030653	0.026202	0.050543	-0.014393	0.007302	0.014242
	0.000655					

y123	-0.027221	-0.009000	0.052717	-0.037823	-0.016341	-0.039657
	0.023302	0.050822	-0.031198	-0.032447	0.076354	-0.027615
	0.004561	-0.002013	0.034908	0.019602	0.010117	-0.001476
	-0.027304	-0.007122	-0.029492	0.014543	0.000701	0.026654
	0.038404	0.027514	-0.013789	-0.006244	-0.023342	0.018620
	0.009950					
z123	0.018431	-0.032063	0.015431	0.050500	0.013084	0.001445
	0.029782	0.049690	0.034112	0.025644	-0.025831	-0.010643
	0.028461	-0.005643	-0.001596	-0.006061	0.006113	0.027797
	0.015097	-0.009735	-0.010416	0.020174	0.001899	-0.002621
	-0.010985	0.006085	-0.004728	-0.000893	-0.004271	-0.003287
	-0.009742					
x124	-0.053567	-0.016862	0.028950	0.002092	0.030992	0.140771
	0.042240	-0.012643	-0.029242	0.056331	-0.005487	-0.030606
	0.085102	0.010393	-0.027176	0.037551	0.087266	-0.025357
	-0.010482	0.000843	-0.052983	0.029659	-0.114398	0.123517
	0.054934	-0.040280	0.023635	-0.062059	-0.006589	-0.014052
	0.039515					
y124	0.019027	-0.010627	0.048624	0.031153	-0.096944	0.104750
	-0.015194	-0.010919	-0.048064	-0.032248	0.099553	0.041475
	-0.143428	0.001298	0.016914	-0.084839	-0.048075	-0.083632
	0.028463	-0.164124	0.059610	-0.103606	-0.077686	0.048346
	0.082759	0.046850	0.104836	0.095425	0.006983	0.036734
	0.025848					
z124	-0.101095	0.027674	-0.022537	-0.020660	-0.142654	0.038005
	0.013980	0.091547	0.084418	0.008023	-0.012037	0.072657
	-0.003141	0.001721	-0.070077	0.035496	-0.079367	0.029968
	-0.107179	0.046638	-0.027121	-0.074658	0.139273	-0.159339
	-0.029769	0.001092	0.031344	0.121140	0.125753	-0.071794
	-0.071453					
x125	-0.025913	0.012006	-0.043818	0.009939	-0.077027	0.005761
	0.032262	-0.084015	0.041393	0.111594	0.011968	0.176206
	0.136660	0.076746	0.083863	0.050524	0.062000	0.024207
	-0.034435	0.030695	-0.092124	-0.074814	-0.035160	-0.053400
	-0.050743	-0.109816	0.013253	-0.001283	0.026430	0.044728
	-0.071871					
y125	-0.032814	-0.006512	-0.003823	0.065083	-0.176737	0.100910
	0.002387	-0.105225	0.027990	0.119316	0.064806	0.216810
	0.082563	0.116186	0.099002	-0.069990	0.012445	-0.064109
	-0.023940	-0.160921	-0.096135	-0.218441	-0.067464	-0.035249
	0.021158	-0.030961	0.027589	0.101844	-0.022822	0.028970
	-0.040999					

z125	-0.046053	0.000467	0.004567	0.018841	-0.070893	0.062051
	-0.004774	0.118932	-0.043431	-0.073336	0.021304	-0.031541
	-0.014744	-0.028968	-0.046545	-0.049801	-0.149200	0.051895
	0.022265	-0.018073	0.106270	-0.006093	0.044941	-0.069970
	-0.037718	-0.004349	0.020101	0.015341	0.031073	-0.041432
	0.043484					
x126	-0.007981	0.003399	-0.007638	-0.000472	-0.015591	0.005354
	0.005717	-0.015856	-0.002534	0.027331	0.015575	0.049392
	-0.012199	-0.019421	0.003763	0.018065	-0.008605	-0.012378
	-0.010085	0.031034	-0.024607	0.015026	-0.042269	0.037763
	-0.029654	-0.032782	0.028136	0.022018	0.046863	0.012809
	-0.049273					
y126	-0.004000	-0.005973	0.017946	0.011737	-0.033687	0.066123
	0.026751	-0.000589	-0.033015	-0.012816	0.014877	0.027115
	0.026661	0.031878	0.007789	-0.015959	-0.016432	-0.010217
	-0.066949	-0.058519	-0.008101	0.038308	-0.007168	-0.038080
	-0.027807	-0.032545	0.050755	0.048993	0.043804	0.059554
	-0.016268					
z126	-0.063271	-0.009674	-0.005704	0.052281	-0.131350	0.087163
	-0.013491	0.085724	-0.051800	-0.015522	0.060954	0.065158
	-0.000151	-0.020407	-0.013061	-0.074092	-0.135072	0.010409
	0.026300	-0.036439	0.081067	-0.099282	0.017297	-0.037888
	-0.006149	-0.015086	0.026990	0.022787	-0.008148	-0.046591
	0.051817					
x127	0.021193	0.003312	0.008191	0.019485	-0.013737	0.045119
	-0.015506	-0.044932	0.054615	-0.016190	0.000240	-0.047879
	0.056782	0.031304	0.033946	-0.045640	-0.007362	0.019635
	0.011681	-0.108512	-0.011423	-0.056337	-0.098067	0.026168
	-0.012030	0.001596	0.020505	0.004759	0.059252	0.008960
	-0.052586					
y127	0.017238	-0.003617	0.024851	0.037550	-0.028466	0.107603
	0.057306	0.000515	0.002380	-0.054655	-0.001838	-0.074191
	0.128204	0.089027	0.050699	-0.069331	0.044657	0.030848
	0.000198	-0.156455	0.012022	-0.016503	-0.000969	-0.070638
	0.029941	-0.044156	0.052995	-0.026707	-0.016711	0.043720
	-0.001956					
z127	-0.064144	-0.008561	-0.002298	0.030558	-0.123896	0.077667
	-0.001110	0.092244	-0.112487	0.001578	0.057704	0.092260
	-0.049278	-0.004375	-0.013916	-0.068388	-0.174709	0.013422
	0.025852	-0.028718	0.047381	-0.048896	0.023196	-0.055460
	0.037565	-0.005101	0.002066	0.033899	-0.004904	-0.024136
	-0.032332					

x128	0.016713	0.001198	0.023077	0.028609	-0.013828	0.027221
	-0.035471	-0.026328	0.035081	-0.008592	-0.012359	-0.000727
	0.004619	0.021867	0.033964	-0.037441	0.042656	-0.001568
	-0.024074	-0.112869	0.011939	-0.066422	-0.081723	0.074247
	-0.054492	-0.000566	0.037787	-0.015107	0.092701	0.008219
	-0.027179					
y128	-0.003470	-0.014950	0.019017	0.048228	-0.023653	0.078167
	0.013448	0.033856	-0.070656	0.000572	0.012375	0.038403
	-0.046046	0.021706	0.027792	-0.050359	0.022940	-0.067335
	0.095163	-0.082801	0.064089	0.030947	0.014141	0.033475
	-0.016693	-0.020884	0.031463	-0.003105	-0.015105	0.067378
	-0.044338					
z128	-0.047292	-0.012867	-0.021615	0.042236	-0.076864	0.078678
	0.033354	0.061772	-0.150634	-0.002178	0.038478	0.046939
	0.050942	0.049532	0.021638	-0.063882	-0.193598	0.010685
	-0.033374	0.022322	0.009847	0.002043	0.049219	-0.068257
	0.044242	-0.085710	0.021555	-0.048231	-0.079516	0.002079
	-0.022616					
x129	0.002459	-0.001038	0.020831	0.028507	-0.003453	0.005258
	-0.010515	0.020757	0.018187	-0.001666	-0.022250	0.012242
	-0.001055	-0.049297	0.019064	0.007862	0.075801	-0.072790
	0.006330	-0.016148	-0.011686	-0.036214	0.006035	-0.026513
	-0.096999	-0.028269	-0.038227	0.036351	0.120626	-0.026739
	-0.076854					
y129	-0.004730	-0.015692	0.010799	0.046024	-0.013934	0.074375
	-0.004703	0.034170	-0.068201	-0.012446	-0.003876	0.026924
	-0.019533	0.008277	0.016496	-0.053748	-0.049254	-0.082105
	0.104814	-0.040771	0.053806	-0.000477	-0.000089	0.035884
	-0.038879	-0.023876	0.022179	0.017050	0.017070	0.031455
	-0.052476					
z129	-0.055363	-0.008637	-0.032212	0.049180	-0.050451	0.058877
	0.062145	0.052487	-0.133695	-0.015842	0.028599	0.045280
	0.083046	0.068020	0.013527	-0.029168	-0.113016	0.048820
	-0.080496	0.039803	0.009272	0.077782	0.066965	-0.075425
	0.021244	-0.093178	-0.008963	-0.059767	-0.087805	0.089347
	0.024976					
x130	0.004451	-0.016649	0.018738	0.031623	-0.025623	0.031693
	0.009206	0.037707	0.009417	-0.018935	-0.025831	0.010881
	0.009454	-0.039328	0.003464	0.081608	0.069733	-0.071846
	0.015197	0.016626	0.033553	-0.047462	0.026247	-0.124652
	-0.064258	0.019576	-0.073370	0.040276	-0.011128	-0.043880
	-0.159287					

y130	0.000673	-0.015527	0.004452	0.039234	-0.016766	0.053271
	0.010828	0.029611	-0.028846	-0.050346	0.002989	-0.020893
	0.032659	0.010738	0.035308	-0.040101	-0.047689	-0.022942
	0.067032	-0.026728	-0.020934	-0.030695	-0.027110	0.030692
	-0.030269	-0.017526	-0.035097	0.039079	0.032231	0.071129
	-0.022327					
z130	-0.064295	-0.010218	-0.032480	0.062578	-0.035897	0.051646
	0.038402	0.062356	-0.131786	-0.029980	0.032208	0.060198
	0.056412	0.043358	-0.030967	-0.038205	-0.078916	0.004582
	-0.037161	0.001284	0.016598	0.083732	0.033355	0.000543
	0.014335	-0.033013	-0.015871	-0.064457	-0.081585	0.069815
	0.064122					
x131	0.015238	-0.027296	0.009409	0.043180	-0.021782	0.037718
	0.010270	0.018021	0.003627	-0.027403	-0.009891	-0.003220
	0.027975	-0.002058	0.046111	0.019951	-0.011176	-0.045927
	0.007046	0.003386	0.034197	-0.019500	0.068044	-0.077758
	0.023805	0.032712	0.013027	0.003290	-0.049162	0.027548
	-0.115112					
y131	-0.006465	-0.017513	-0.005654	0.036580	-0.018401	0.024597
	0.035617	0.037137	-0.017760	-0.066955	0.017751	-0.034592
	0.019852	-0.006742	0.036628	0.004122	-0.012593	0.008576
	0.011764	-0.003063	-0.022736	-0.043102	-0.031301	0.019296
	-0.036877	-0.026730	-0.041350	0.016012	-0.003916	0.070176
	-0.018139					
z131	-0.059961	0.000079	-0.039995	0.049974	-0.017066	0.046596
	0.038625	0.070198	-0.118493	-0.011289	0.000597	0.042981
	0.043941	0.010632	-0.041567	-0.023575	-0.041928	-0.018219
	0.011249	-0.013227	-0.014657	0.060582	0.004268	0.041517
	-0.005975	0.002374	-0.032846	-0.041882	-0.052295	0.027219
	0.026187					
x132	0.023029	-0.025338	-0.004911	0.037888	-0.020021	0.032747
	0.016954	0.006192	-0.003221	-0.041132	-0.005987	-0.024561
	0.022717	-0.004438	0.066915	0.006913	-0.004056	-0.007659
	-0.053383	0.000141	0.022891	-0.006509	0.084707	-0.043382
	0.036053	-0.015527	0.017462	0.002715	-0.031215	0.079911
	-0.086748					
y132	0.005913	-0.015088	0.000483	0.036651	-0.011015	0.023496
	0.025204	0.023910	-0.005485	-0.051956	-0.000514	-0.025035
	0.023304	-0.007738	0.052091	0.019100	-0.018118	-0.020498
	0.002977	0.007962	0.013709	-0.027986	0.003948	0.005191
	-0.039718	-0.034893	0.053124	0.014415	0.039083	0.073882
	-0.008665					

z132	-0.053247	0.005867	-0.043445	0.032269	-0.002143	0.022338
	0.059952	0.060000	-0.104257	-0.003449	-0.032004	0.028369
	0.004941	-0.017941	-0.070673	-0.009262	-0.007899	-0.012150
	0.048645	-0.028169	-0.051622	0.034515	0.001655	0.014607
	-0.038888	0.058232	-0.002419	-0.003373	-0.015231	0.041146
	-0.014428					
x133	0.015837	-0.014551	-0.008483	0.021594	-0.012265	0.017848
	0.029030	0.005441	-0.000271	-0.064247	-0.028880	-0.028322
	0.013806	-0.009920	0.029731	0.010775	0.018111	0.002910
	-0.029820	-0.008845	-0.010888	-0.027784	0.056438	-0.026599
	0.024800	0.035853	0.021750	-0.004812	0.006678	0.080938
	-0.063332					
y133	0.016602	-0.008449	-0.000501	0.031472	-0.006095	0.009978
	0.000437	0.008894	-0.011726	-0.025490	-0.026420	0.013515
	-0.007144	-0.017084	0.025325	0.048873	0.008110	-0.023766
	0.013063	0.004198	-0.004771	-0.017561	0.048953	0.007311
	-0.031098	0.014220	0.068079	0.006965	0.066735	0.018748
	-0.044081					
z133	-0.044388	-0.001559	-0.026668	0.037775	0.003084	0.009320
	0.069955	0.060738	-0.079073	-0.018966	-0.048551	-0.001428
	-0.008304	-0.032532	-0.061973	-0.018223	0.026380	-0.014960
	0.050333	-0.032967	-0.043653	0.007868	0.011121	0.004425
	-0.034171	0.069571	0.067522	-0.012876	0.012440	0.017602
	0.017406					
x134	0.009849	-0.009163	-0.001913	0.016148	-0.011154	0.008342
	0.021508	0.021854	-0.003480	-0.032487	-0.025526	-0.014619
	-0.025056	-0.031646	0.022510	-0.000709	0.011642	-0.014294
	-0.010057	0.025079	-0.008195	-0.000625	0.042550	0.021797
	0.017775	0.057995	0.023228	-0.025044	0.023860	0.032298
	-0.035257					
y134	0.028676	-0.012921	0.003542	0.030556	-0.018491	0.014223
	-0.000544	0.015677	0.025603	-0.030193	-0.017764	-0.003728
	0.007390	-0.025260	0.044590	0.038487	0.024887	-0.000344
	-0.012502	0.014231	-0.006408	-0.016082	0.051039	-0.018408
	0.005338	0.040094	0.031450	-0.028458	0.024762	0.018260
	-0.070642					
z134	-0.047125	-0.001440	-0.023647	0.036997	-0.010481	0.005051
	0.056685	0.043247	-0.067075	0.000915	-0.037138	0.003574
	-0.008316	-0.003427	-0.046080	-0.045801	0.033120	-0.012320
	0.056524	-0.022025	-0.037294	-0.028598	-0.000512	-0.016138
	-0.038952	0.028981	0.052120	-0.001623	0.018241	-0.005890
	0.003693					

x135	0.012635	-0.007575	-0.002692	0.013033	-0.015706	0.001783
	0.026916	0.017495	0.009618	-0.018405	-0.030365	-0.020486
	-0.019068	-0.019680	0.016880	-0.003276	0.009742	-0.009739
	0.009770	0.011842	-0.015619	-0.028612	0.041294	0.027116
	0.012518	0.078378	0.006151	-0.019225	0.010824	0.056665
	-0.012203					
y135	0.029941	-0.010862	-0.001337	0.016212	-0.010643	0.013329
	0.002986	0.015972	0.028431	-0.045031	-0.020811	-0.026101
	0.014783	-0.026471	0.026704	0.037692	0.010995	-0.021900
	0.001377	0.008190	-0.017422	-0.044300	0.045156	-0.025851
	0.051906	0.093224	0.002981	-0.024333	0.018539	0.053967
	-0.043962					
z135	-0.046227	-0.000458	-0.017796	0.031823	-0.015228	-0.004931
	0.051231	0.029894	-0.053463	0.019386	-0.046918	0.000958
	-0.017618	0.000650	-0.050492	-0.050384	0.026483	-0.021362
	0.054635	-0.010942	-0.040240	-0.029152	-0.010692	-0.016251
	-0.048419	0.004611	0.037215	0.008947	0.009259	0.011493
	-0.013316					
x136	0.014703	-0.004445	-0.000848	0.015378	-0.010455	0.002309
	0.032480	0.009780	0.018965	-0.020741	-0.037001	-0.027773
	0.007532	-0.002773	0.004524	-0.015003	0.003405	-0.004247
	0.023457	0.009841	-0.006950	-0.062234	0.035105	0.009396
	0.012158	0.066018	-0.007344	-0.020310	-0.004986	0.031715
	-0.006376					
y136	0.029853	-0.014100	-0.005920	0.015067	-0.009746	0.003340
	-0.006035	0.019232	0.031533	-0.030720	-0.020784	-0.016047
	0.007445	-0.032651	0.013455	0.026475	0.003486	-0.039500
	0.007166	0.011604	-0.023790	-0.036547	0.035623	-0.019790
	0.042844	0.091218	-0.008487	-0.025153	-0.018677	0.070575
	-0.043054					
z136	-0.042868	0.002637	-0.012211	0.020871	-0.022847	-0.009903
	0.049330	0.018461	-0.042253	0.033723	-0.053638	-0.016182
	-0.023473	0.000595	-0.049958	-0.043584	0.023940	-0.028536
	0.048468	0.001337	-0.040949	-0.037790	-0.003151	-0.000010
	-0.027103	0.015497	0.012188	0.001959	0.020010	0.039187
	-0.002157					
x137	0.010234	-0.003060	-0.001371	0.010409	-0.008484	-0.000820
	0.032495	0.007046	0.019217	-0.013165	-0.035199	-0.022771
	0.004334	-0.002604	-0.007144	-0.010287	0.001580	-0.011834
	0.029567	0.006147	-0.000946	-0.054747	0.036431	0.008928
	0.001517	0.054957	-0.014694	-0.021979	0.016971	0.013057
	-0.010358					

y137	0.029074	-0.016701	-0.009107	0.017359	-0.011761	-0.010819
	-0.001480	0.025423	0.035457	-0.019561	-0.019827	-0.008867
	-0.016219	-0.032184	0.008897	0.009386	-0.012925	-0.045787
	-0.001923	0.004203	-0.026331	-0.011203	0.040116	-0.001627
	0.035739	0.073775	-0.016034	-0.032502	-0.011522	0.065594
	-0.070982					
z137	-0.037775	0.005769	-0.007694	0.012370	-0.026439	-0.010267
	0.047201	0.013040	-0.030967	0.042699	-0.057969	-0.025521
	-0.008394	0.001377	-0.058020	-0.042678	0.027797	-0.035242
	0.051027	0.014561	-0.033841	-0.057464	-0.001297	-0.003117
	-0.012338	0.032326	-0.007503	-0.000246	0.000906	0.051139
	0.006386					
x138	0.005018	-0.003971	-0.004607	0.004937	-0.012202	-0.007248
	0.029603	0.005108	0.010367	0.001571	-0.028293	-0.017805
	-0.006761	-0.009928	-0.006144	-0.012109	0.005627	-0.014971
	0.019983	0.010960	-0.005635	-0.035936	0.019035	0.008260
	-0.008573	0.040171	-0.014833	-0.022448	0.027747	0.035331
	-0.001238					
y138	0.034408	-0.018883	-0.007552	0.012199	-0.010622	-0.020235
	0.006720	0.021432	0.047552	-0.017825	-0.019687	-0.016504
	-0.015501	-0.021366	0.005584	0.002916	-0.019126	-0.033500
	-0.012362	-0.001581	-0.022265	-0.008759	0.036123	-0.002944
	0.041850	0.071979	-0.035668	-0.049717	0.025473	0.039264
	-0.076200					
z138	-0.035118	0.009160	-0.003585	0.006953	-0.026733	-0.009518
	0.042357	0.016890	-0.018392	0.048232	-0.061192	-0.025800
	0.000007	-0.004320	-0.069010	-0.047181	0.023327	-0.052326
	0.063113	0.019501	-0.024849	-0.066374	0.016206	0.002693
	-0.004691	0.042686	-0.018592	0.000876	-0.030354	0.042131
	-0.009639					
x139	0.000947	-0.001639	-0.002068	0.000123	-0.012337	-0.009615
	0.024723	0.002188	0.003348	0.007222	-0.024966	-0.011977
	0.000738	-0.012216	-0.011018	-0.020947	0.009353	-0.014977
	0.013780	0.002256	-0.003954	-0.035087	0.010493	0.004982
	-0.005036	0.037105	-0.008093	-0.015978	-0.004352	0.036029
	0.010191					
y139	0.036955	-0.020390	-0.008256	0.007948	-0.010159	-0.032659
	0.008758	0.021073	0.056752	-0.009913	-0.025348	-0.017019
	-0.017762	-0.019024	-0.005821	0.003295	-0.024786	-0.042919
	-0.005793	0.005899	-0.029535	-0.013231	0.028825	0.000400
	0.041202	0.060108	-0.041327	-0.058500	0.031152	0.023201
	-0.042385					

z139	-0.031747	0.011977	-0.000080	-0.000263	-0.027915	-0.005954
	0.039216	0.015338	-0.011451	0.050555	-0.054469	-0.025785
	0.004279	-0.003686	-0.059763	-0.046477	0.018718	-0.053384
	0.058977	0.023067	-0.020292	-0.057004	0.027225	0.004537
	-0.003654	0.052679	-0.044836	-0.008775	-0.029288	0.030446
	-0.024756					
x140	-0.000491	-0.000977	-0.001745	-0.003750	-0.012114	-0.006404
	0.017369	0.002069	0.002820	0.010075	-0.014750	-0.009985
	0.001337	-0.013055	-0.006638	-0.012981	0.005834	-0.016474
	0.009668	0.001338	-0.011068	-0.030800	0.013879	-0.008194
	0.007667	0.024107	-0.002974	-0.015282	-0.017177	0.028870
	-0.003935					
y140	0.035421	-0.018531	-0.010326	0.007127	-0.012868	-0.038892
	0.008620	0.018785	0.056752	-0.013409	-0.029963	-0.011041
	-0.014432	-0.016764	-0.001627	0.001381	-0.032898	-0.051046
	0.002645	0.003353	-0.032660	-0.018691	0.033490	0.016455
	0.031967	0.042870	-0.049083	-0.077313	0.002361	0.033654
	-0.039775					
z140	-0.029238	0.014527	0.003071	-0.008851	-0.028729	-0.007943
	0.036090	0.021325	-0.005202	0.061872	-0.043300	-0.023162
	0.013815	-0.005394	-0.060173	-0.055029	0.029807	-0.053240
	0.052063	0.028187	-0.011724	-0.044750	0.026285	0.000188
	-0.002123	0.068316	-0.050787	-0.018841	-0.027706	0.009642
	-0.024851					
x141	-0.001040	-0.001574	-0.002995	-0.006815	-0.012927	0.000299
	0.015177	0.004281	0.001249	0.009464	-0.003363	-0.007971
	-0.001738	-0.011176	0.000576	-0.002072	-0.000857	-0.017633
	0.014464	-0.002259	-0.011718	-0.021005	0.014025	-0.022425
	0.008570	0.010118	0.004664	-0.015471	-0.013855	0.022939
	-0.007611					
y141	0.030998	-0.019228	-0.011141	0.004280	-0.016521	-0.045096
	0.005275	0.023778	0.052366	-0.013192	-0.027929	0.004210
	-0.002432	-0.011753	-0.005064	-0.019005	-0.025785	-0.056194
	0.003058	-0.007149	-0.022929	-0.009516	0.031736	0.021474
	0.021599	0.047055	-0.034581	-0.081752	-0.002102	0.030957
	-0.059720					
z141	-0.025882	0.018699	0.005765	-0.013858	-0.029858	-0.003921
	0.033498	0.022530	-0.002557	0.061899	-0.032425	-0.019147
	0.014942	-0.014851	-0.046846	-0.054978	0.029706	-0.042567
	0.039730	0.033215	-0.013350	-0.037225	0.038578	0.014903
	0.008288	0.070801	-0.058916	-0.031965	-0.042104	-0.006539
	-0.025088					

x142	-0.002871	0.002056	-0.000471	-0.005986	-0.009454	0.004160
	0.011719	0.003293	-0.010235	0.001464	0.004490	-0.001587
	0.004118	-0.002413	-0.002560	-0.005228	0.010708	-0.015529
	0.004143	-0.001272	0.013684	-0.005983	0.002214	-0.011422
	-0.005830	0.001864	0.016093	-0.013687	-0.009761	0.002844
	0.005194					
y142	0.027154	-0.024480	-0.008742	0.009900	-0.016250	-0.043453
	0.002606	0.017870	0.043808	-0.016518	-0.030610	0.011303
	-0.007285	-0.005679	-0.003666	-0.029993	-0.011907	-0.066708
	-0.003002	-0.009072	-0.031400	-0.009634	0.027269	0.020920
	0.005732	0.032062	-0.012960	-0.088194	-0.002697	0.033024
	-0.018491					
z142	-0.025461	0.020881	0.003799	-0.012062	-0.024923	-0.000914
	0.029688	0.025205	-0.004787	0.051772	-0.031802	-0.010660
	0.020224	-0.032813	-0.024527	-0.059291	0.027439	-0.040791
	0.044061	0.044561	-0.021258	-0.035781	0.035020	0.030854
	0.008064	0.054634	-0.040017	-0.047792	-0.047148	-0.023705
	-0.011231					
x143	-0.004593	0.005680	-0.000066	-0.006211	-0.008889	0.009366
	0.007952	-0.000071	-0.012139	0.001286	0.005521	-0.008055
	0.002796	-0.002484	-0.000823	0.001842	0.013661	-0.006470
	0.000691	0.002332	0.016011	0.003422	0.001341	-0.006976
	0.000898	0.004313	0.015673	-0.001371	0.007169	-0.011876
	0.010461					
y143	0.023039	-0.030193	-0.013382	0.009313	-0.013972	-0.044278
	0.003714	0.006248	0.037293	-0.017431	-0.026501	0.019330
	-0.005005	-0.002198	-0.003028	-0.035619	-0.016603	-0.063055
	0.002731	-0.015418	-0.015866	0.006916	0.001126	0.018264
	0.002978	0.005373	0.011642	-0.068256	-0.017487	0.041396
	-0.018583					
z143	-0.028716	0.026382	0.001274	-0.014961	-0.030801	0.004935
	0.015478	0.020867	-0.009162	0.041224	-0.032426	-0.003333
	0.032772	-0.035611	-0.020937	-0.062782	0.026036	-0.047330
	0.033548	0.023971	0.003972	-0.029096	0.034573	0.050842
	0.008121	0.044713	-0.020214	-0.061285	-0.023971	-0.042374
	0.022421					
x144	-0.006745	0.009186	-0.001293	-0.007673	-0.005892	0.017243
	0.005463	0.002179	-0.011623	0.001387	0.003687	-0.017078
	-0.000631	-0.011154	0.000483	0.008658	-0.000137	0.003031
	0.002284	0.009387	0.009566	0.001824	0.011803	-0.006797
	0.000860	-0.007459	0.011316	0.013472	-0.004519	-0.013078
	-0.004733					

y144	0.019932	-0.034813	-0.015703	0.014268	-0.016327	-0.045494
	0.000106	0.001388	0.038090	-0.015025	-0.018258	0.026736
	0.002959	0.003729	0.002827	-0.031333	-0.019357	-0.051947
	-0.007479	-0.014639	-0.010213	0.022957	-0.009155	0.010961
	0.008824	0.000630	0.027443	-0.068476	0.003498	0.053268
	0.016792					
z144	-0.033472	0.032248	-0.007695	-0.026865	-0.037308	0.008320
	0.008464	0.022029	-0.006572	0.031660	-0.034750	0.003701
	0.037386	-0.041633	-0.020332	-0.052913	0.002850	-0.042255
	0.027070	0.010446	0.020319	-0.018961	0.051530	0.050707
	-0.001931	0.028219	-0.017391	-0.045457	-0.049407	-0.036586
	-0.003041					
x145	-0.008365	0.014977	0.003795	-0.014211	-0.003000	0.021962
	0.006776	0.000797	-0.016913	-0.001730	0.012913	-0.021298
	0.000979	-0.009061	-0.007743	0.016799	0.013967	0.001938
	-0.000707	0.011196	0.015548	-0.007939	0.015858	-0.000787
	0.005666	-0.002802	0.004389	0.021480	-0.005242	-0.034040
	0.004569					
y145	0.013220	-0.034693	-0.017368	0.020561	-0.019481	-0.041744
	-0.007949	0.003043	0.029194	-0.016932	-0.025786	0.026708
	0.011086	0.008331	0.001296	-0.043872	-0.034815	-0.041315
	-0.017257	-0.005632	-0.002160	0.024641	0.003435	0.015954
	-0.013875	-0.009804	0.038989	-0.064785	-0.018935	0.062474
	-0.010127					
z145	-0.024485	0.034935	-0.013158	-0.025839	-0.035079	0.013562
	-0.002855	0.012375	-0.003448	0.045545	-0.036201	0.011498
	0.029514	-0.060884	0.018953	-0.026283	-0.014438	-0.053190
	0.027827	-0.009736	0.034363	-0.007903	0.038837	0.041655
	0.013690	0.019941	-0.024691	-0.054360	-0.005877	-0.059400
	0.022328					
x146	-0.007678	0.022513	0.004542	-0.018279	0.000569	0.026940
	0.007241	0.002848	-0.028942	0.005721	0.016398	-0.029565
	-0.006915	-0.014053	-0.008925	0.015866	0.022453	0.000401
	0.006670	0.003279	0.024650	-0.016242	0.012233	-0.005878
	0.011321	0.004968	-0.006766	0.022856	0.014977	-0.037763
	0.010636					
y146	0.013150	-0.037720	-0.013649	0.021563	-0.016656	-0.042133
	-0.012115	0.000381	0.038291	-0.014026	-0.026932	0.031829
	0.019053	0.005787	0.006718	-0.027846	-0.037577	-0.033325
	-0.019622	0.002395	-0.011576	0.026145	-0.002093	0.016570
	-0.012819	-0.017309	0.046957	-0.048797	-0.044808	0.032972
	-0.013445					

z146	-0.032093	0.040389	-0.018473	-0.034539	-0.041818	0.013091
	-0.005805	0.007221	-0.004755	0.030061	-0.028787	0.020124
	0.030145	-0.052621	0.013906	-0.021701	-0.017962	-0.043895
	0.011916	-0.011721	0.037243	0.004640	0.052231	0.043158
	0.017488	0.019976	-0.027303	-0.042009	0.014660	-0.046397
	0.031484					
x147	-0.007492	0.025258	0.006076	-0.021020	0.004206	0.028158
	0.010701	0.007412	-0.029330	0.011892	0.019501	-0.036560
	-0.018964	-0.014463	-0.016293	0.015663	0.022935	-0.003628
	0.024607	-0.007406	0.014292	-0.018570	0.003633	-0.015619
	0.019112	0.007564	-0.014494	0.029587	0.018354	-0.021067
	0.012685					
y147	0.012704	-0.035938	-0.012266	0.020969	-0.012545	-0.040120
	-0.016849	-0.007359	0.031566	-0.018026	-0.024627	0.033113
	0.017904	0.009436	0.016258	-0.016967	-0.044468	-0.009456
	-0.030937	0.006033	-0.025836	0.029833	0.005330	0.022405
	-0.023228	-0.021502	0.028580	-0.033921	-0.029970	0.028836
	-0.014426					
z147	-0.029281	0.041905	-0.021935	-0.035606	-0.041062	0.011887
	-0.013806	0.007796	0.009013	0.040640	-0.026566	0.028700
	0.021116	-0.064363	0.018384	-0.006928	-0.019704	-0.059086
	0.022877	-0.018023	0.035772	0.009690	0.037624	0.026608
	0.027439	0.015966	-0.019908	-0.030180	0.025888	-0.046133
	0.027983					
x148	-0.008204	0.029081	0.006552	-0.022780	0.006436	0.029932
	0.013839	0.009596	-0.032621	0.008411	0.015473	-0.039946
	-0.023336	-0.005177	-0.021888	0.009431	0.027527	0.003060
	0.038261	-0.018745	-0.000505	-0.013350	0.006500	-0.012739
	0.007668	0.001594	-0.039711	0.031838	0.042329	-0.006669
	0.015457					
y148	0.011601	-0.033029	-0.009871	0.018801	-0.006231	-0.038889
	-0.017394	-0.011763	0.026073	-0.012589	-0.018032	0.034892
	0.014011	0.012041	0.017116	-0.002003	-0.046493	0.007729
	-0.020686	0.006583	-0.030918	0.031529	-0.000957	0.016848
	-0.022019	-0.019374	0.023838	-0.025409	-0.025760	0.029100
	-0.007534					
z148	-0.031946	0.043856	-0.025333	-0.032513	-0.041357	0.008058
	-0.017012	0.005200	0.011677	0.031286	-0.026970	0.034276
	0.027527	-0.061412	0.015100	0.006054	-0.019208	-0.051172
	0.004060	0.007527	0.007874	0.015943	0.041614	0.036184
	0.010878	-0.006663	-0.022794	-0.030382	0.021036	-0.029484
	0.018933					

x149	-0.013215	0.030076	0.004972	-0.026212	0.005677	0.032474
	0.014263	0.015328	-0.030096	0.009551	0.010308	-0.052728
	-0.026350	-0.004243	-0.012164	0.020553	0.015950	0.000554
	0.054394	-0.018737	-0.022908	-0.006099	0.000550	-0.017298
	-0.005742	-0.010667	-0.036541	0.021023	0.046974	0.011264
	0.015990					
y149	0.008884	-0.029313	-0.008851	0.015710	-0.001939	-0.029404
	-0.008922	-0.007465	0.025945	-0.005741	-0.014308	0.028211
	0.009700	0.009007	0.001395	0.005951	-0.029406	0.006023
	-0.023616	0.024224	-0.032542	0.023372	0.004288	0.006452
	-0.010295	-0.021415	0.028505	-0.021369	-0.020162	0.018149
	-0.012615					
z149	-0.028244	0.046657	-0.026494	-0.022275	-0.038059	0.003707
	-0.021294	-0.002025	0.007316	0.033329	-0.034371	0.038989
	0.016537	-0.072492	0.049834	0.023702	-0.039182	-0.040833
	0.010417	0.014000	-0.010373	0.020493	0.025071	0.051479
	-0.006990	-0.027264	-0.032964	-0.022857	0.007417	-0.009031
	0.000962					
x150	-0.016063	0.032394	0.001932	-0.028980	0.006129	0.043460
	0.016954	0.024011	-0.021593	0.019511	-0.000204	-0.059665
	-0.041951	-0.011312	-0.015807	0.014650	0.016360	-0.012736
	0.055691	-0.022279	-0.026296	-0.004057	-0.017389	-0.030897
	0.013358	-0.004963	-0.036964	0.007808	0.058211	0.007274
	0.019019					
y150	0.007028	-0.011348	-0.000417	0.009166	0.000735	-0.026830
	-0.007806	-0.015878	0.001136	0.002062	-0.007135	0.025582
	0.015626	0.009411	-0.000335	-0.002689	0.006294	0.000086
	-0.026813	0.012454	0.014625	0.009554	0.006139	0.010830
	-0.005707	0.011058	0.032122	-0.008964	-0.001926	-0.015326
	0.005806					
z150	-0.026832	0.040713	-0.029591	-0.011982	-0.035091	0.003324
	-0.026120	0.011789	0.019374	0.044083	-0.035346	0.033245
	-0.005815	-0.084439	0.050151	0.027444	-0.043679	-0.050153
	0.032293	0.024897	-0.047596	0.014717	-0.007648	0.051728
	-0.016004	-0.056306	-0.030874	-0.013653	-0.032477	0.021193
	-0.033213					
x151	-0.024844	0.029113	-0.006656	-0.028433	0.001745	0.049812
	0.011768	0.030090	-0.012670	0.009343	-0.005441	-0.065709
	-0.044218	0.011500	-0.015393	0.017979	0.017438	-0.001402
	0.050395	0.003241	-0.061729	-0.004821	-0.005742	-0.046581
	0.023660	0.018472	-0.041367	0.010649	0.038366	0.015135
	0.011765					

y151	0.004104	-0.005126	-0.000334	0.004026	0.003878	-0.019512
	0.000402	-0.011340	0.005644	-0.002441	-0.001598	0.005425
	0.007056	0.006281	-0.001679	-0.002562	-0.003531	0.011305
	-0.014197	0.008262	-0.006904	0.002301	0.013366	0.000691
	0.000729	-0.001380	0.005552	0.009591	-0.017596	-0.011851
	-0.010042					
z151	-0.027787	0.040554	-0.029165	0.000710	-0.037132	-0.002174
	-0.025450	0.011392	0.009754	0.034260	-0.041075	0.036613
	-0.015188	-0.074745	0.059054	0.029544	-0.047481	-0.024853
	0.034408	0.047260	-0.082452	0.011439	-0.028866	0.070927
	-0.051523	-0.076942	-0.034726	0.000078	-0.086437	0.069049
	-0.071901					
x152	-0.025473	0.031808	-0.009846	-0.024315	0.000558	0.053487
	0.004892	0.034593	-0.018054	0.006431	-0.007079	-0.059010
	-0.030973	0.018621	-0.025903	-0.004294	0.027980	-0.005952
	0.023208	0.006962	-0.041372	-0.011389	-0.026802	-0.029475
	0.021912	0.059082	-0.036287	0.006083	0.041315	0.008513
	-0.005320					
y152	-0.007778	-0.000427	-0.000709	-0.002110	0.002917	-0.007475
	0.003844	-0.000215	0.008226	-0.011255	0.004157	-0.008620
	0.010728	0.023201	-0.024941	-0.012757	0.005718	0.015956
	-0.006925	0.003668	-0.022037	-0.002457	0.010663	-0.004020
	0.002609	-0.007898	0.002343	0.018118	-0.019887	-0.000799
	-0.020471					
z152	-0.020947	0.041452	-0.015562	0.000697	-0.034665	-0.006438
	-0.025124	0.006859	-0.006770	0.034223	-0.035182	0.038506
	-0.014185	-0.051568	0.062726	0.022671	-0.021934	-0.028233
	0.045271	0.033532	-0.050300	-0.013292	-0.038221	0.069543
	-0.044038	-0.041444	-0.031044	-0.011433	-0.046193	0.021061
	-0.030346					
x153	-0.024761	0.033730	-0.010569	-0.020630	-0.001770	0.052456
	-0.003801	0.037597	-0.016574	-0.003924	-0.012083	-0.045241
	-0.024822	0.013803	-0.032013	-0.010921	0.022328	-0.008505
	0.016340	-0.007483	-0.034537	-0.020847	-0.020354	-0.038643
	0.002643	0.052702	-0.046269	-0.004385	0.039655	-0.014658
	-0.000306					
y153	-0.010309	0.003676	0.000452	-0.004806	0.004901	0.000953
	-0.002533	0.003394	0.003252	-0.003468	-0.001362	-0.011778
	0.004181	0.036450	-0.027587	-0.011851	0.027273	0.004601
	-0.007847	-0.000863	-0.024405	0.000012	-0.006796	-0.014528
	-0.000540	0.007388	-0.018672	-0.000307	0.035355	-0.022587
	0.010198					

z153	-0.014956	0.043765	-0.011795	0.002070	-0.030208	-0.011670
	-0.028118	0.009472	-0.020097	0.039946	-0.041305	0.047472
	-0.012384	-0.052964	0.067275	0.018925	-0.013631	-0.030822
	0.049891	0.012043	-0.022713	-0.027249	-0.032932	0.061110
	-0.049635	-0.029757	-0.028999	-0.017548	-0.036092	-0.000752
	-0.020865					
x154	-0.029494	0.031126	-0.006070	-0.013965	-0.001063	0.045453
	-0.007641	0.032317	-0.011633	-0.013963	-0.006918	-0.045812
	-0.022809	0.017352	-0.026910	-0.023469	0.011182	-0.000892
	0.009873	-0.004443	-0.040057	-0.002657	-0.021939	-0.041969
	-0.005285	0.035193	-0.037354	-0.002284	0.025812	-0.036541
	-0.011005					
y154	-0.015637	0.011947	-0.000816	-0.006284	0.006893	0.009634
	-0.006128	0.016115	-0.003112	-0.005330	-0.008518	-0.015910
	-0.000303	0.027890	-0.029547	-0.032436	0.021681	0.002868
	-0.017787	-0.016444	-0.013221	-0.012898	0.004800	-0.022001
	0.006990	0.020596	-0.026942	0.005539	0.012724	-0.012226
	0.004231					
z154	-0.014890	0.045788	-0.006837	0.002289	-0.025784	-0.018682
	-0.030399	0.016551	-0.032810	0.036166	-0.043873	0.052233
	-0.003803	-0.056062	0.059017	-0.000654	-0.013767	-0.024525
	0.050673	-0.006578	0.002398	-0.046655	-0.012756	0.070178
	-0.043106	-0.025430	-0.011121	-0.008524	-0.075909	0.004505
	-0.033810					
x155	-0.027440	0.029601	-0.001345	-0.007886	-0.000538	0.037635
	-0.009241	0.025893	-0.000318	-0.016972	-0.006620	-0.040640
	-0.014773	0.013158	-0.024522	-0.014199	0.013502	-0.000563
	0.008011	0.006635	-0.034208	0.008842	-0.038035	-0.036447
	0.000015	0.020907	-0.031349	0.013291	0.001378	-0.044556
	-0.007352					
y155	-0.021060	0.018981	0.000208	-0.007834	0.005059	0.015923
	-0.006181	0.020907	-0.002438	-0.008224	-0.010942	-0.022007
	0.004392	0.025162	-0.035510	-0.038688	0.025358	0.003620
	-0.019025	-0.018633	-0.010734	-0.009816	-0.007704	-0.015708
	0.007599	0.017760	-0.025949	0.012075	-0.004649	-0.014920
	0.005614					
z155	-0.010902	0.041777	-0.001325	-0.001494	-0.020390	-0.019421
	-0.031489	0.011779	-0.038040	0.044699	-0.039674	0.054527
	0.007499	-0.042844	0.059326	0.010485	0.016136	-0.035595
	0.047575	0.002110	0.008662	-0.046646	-0.019901	0.047029
	-0.037037	-0.009636	-0.015814	-0.033324	-0.021169	-0.028642
	0.012271					

x156	-0.022228	0.027681	0.000956	-0.003203	-0.001274	0.037652
	-0.014379	0.018043	0.005823	-0.024521	-0.011269	-0.029601
	-0.014298	0.003005	-0.024636	-0.003510	0.003013	0.002450
	0.007491	-0.001573	-0.037702	0.015667	-0.028654	-0.036287
	-0.003011	0.009392	-0.027653	0.009308	-0.017251	-0.039419
	-0.014683					
y156	-0.025749	0.024914	0.008146	-0.008753	0.000930	0.022319
	-0.011853	0.015074	-0.002019	-0.014299	-0.012795	-0.023759
	0.007719	0.031270	-0.048746	-0.035948	0.032237	0.008602
	-0.018691	-0.024260	-0.016347	0.000282	-0.029289	-0.014642
	0.003066	0.026327	-0.030032	0.002679	-0.006311	-0.032158
	0.014300					
z156	-0.007955	0.040823	0.002258	-0.005092	-0.017618	-0.020230
	-0.034180	0.014051	-0.044145	0.042608	-0.040582	0.059099
	0.014791	-0.040015	0.052931	0.008697	0.021412	-0.030481
	0.047340	-0.007662	0.011927	-0.051155	-0.016698	0.041651
	-0.029244	-0.001627	-0.018430	-0.042148	-0.021808	-0.027380
	0.017003					
x157	-0.020242	0.025528	0.005266	-0.006246	-0.002204	0.022590
	-0.014369	0.015026	0.001925	-0.025747	-0.017147	-0.013749
	0.003286	0.004297	-0.022042	-0.010060	0.009978	0.010890
	0.004916	-0.005908	-0.012592	0.013953	-0.027836	-0.026170
	0.000578	0.004987	-0.012368	-0.004237	-0.011127	-0.037018
	-0.005590					
y157	-0.033097	0.029225	0.013890	-0.008989	-0.001535	0.021251
	-0.017360	0.015332	0.003567	-0.027462	-0.015456	-0.025811
	0.015657	0.024971	-0.049515	-0.031752	0.035627	0.015263
	-0.024086	-0.017612	-0.005723	0.005285	-0.042966	-0.022342
	0.008722	0.036670	-0.037227	-0.005377	-0.013588	-0.045089
	0.016395					
z157	-0.006637	0.040286	0.002585	-0.012398	-0.012020	-0.025039
	-0.036943	0.019122	-0.049133	0.042540	-0.044710	0.066619
	0.037954	-0.041639	0.047130	0.010935	0.037228	-0.027443
	0.034262	-0.002344	0.022500	-0.049875	-0.009425	0.025889
	-0.021957	0.013676	-0.013721	-0.062912	-0.006062	-0.031926
	0.028650					
x158	-0.019428	0.013989	0.011290	-0.007143	-0.005193	0.015256
	-0.012563	0.010218	-0.000210	-0.034801	-0.009021	-0.007499
	0.009660	0.021779	-0.033176	-0.020630	0.020734	0.011406
	0.002918	-0.007834	-0.010227	0.002977	-0.008608	0.002968
	0.002565	-0.008504	0.006121	0.016775	-0.016826	-0.018119
	-0.017491					

y158	-0.033189	0.028163	0.018883	-0.003190	-0.002654	0.026368
	-0.022061	0.011048	0.013315	-0.026886	-0.022964	-0.032691
	0.009100	0.019602	-0.036265	-0.022753	0.027370	0.021824
	-0.014881	-0.021461	-0.008929	0.015487	-0.047887	-0.008020
	0.018691	0.013005	-0.036573	0.013189	-0.015262	-0.040491
	-0.021102					
z158	-0.003262	0.035349	0.004266	-0.015047	-0.007577	-0.023952
	-0.045033	0.021787	-0.053061	0.039575	-0.043862	0.068446
	0.052119	-0.045196	0.040808	0.002305	0.042672	-0.029957
	0.030898	-0.013723	0.026046	-0.049745	-0.006563	0.036969
	-0.003800	0.024475	-0.009776	-0.058978	-0.010848	-0.027781
	0.021157					
x159	-0.012693	0.009769	0.011301	-0.010092	-0.001812	0.004885
	-0.006181	0.008959	-0.001137	-0.020611	-0.015240	0.000831
	0.004605	0.022138	-0.023899	-0.017699	0.019554	0.007672
	0.007324	-0.016337	-0.011969	-0.001145	-0.001077	-0.003141
	-0.003429	-0.022657	0.012920	0.003724	-0.001493	-0.019016
	-0.007473					
y159	-0.039131	0.028242	0.027717	-0.006344	-0.003039	0.028922
	-0.019099	0.010729	0.016411	-0.040085	-0.026267	-0.034236
	0.014901	0.029458	-0.056474	-0.028189	0.026956	0.023274
	0.000896	-0.035743	-0.009350	0.011955	-0.041666	0.003707
	0.012895	-0.004637	-0.016227	0.026346	-0.048712	-0.023112
	-0.036309					
z159	-0.008262	0.026383	0.007073	-0.023734	-0.006739	-0.021549
	-0.049711	0.027398	-0.049914	0.021710	-0.034873	0.067371
	0.070985	-0.035898	0.011344	-0.009044	0.049853	-0.027916
	0.026234	-0.010927	0.004974	-0.045955	0.001552	0.046712
	0.004752	0.028665	-0.005732	-0.059725	-0.030131	-0.007117
	0.016237					
x160	0.002138	0.013220	0.007688	-0.015349	0.001479	-0.007837
	-0.005005	0.009529	-0.014326	0.005719	-0.027084	0.020373
	0.006377	0.000784	0.006000	-0.012364	0.024866	0.001813
	0.012954	-0.024181	0.018230	0.000106	-0.008265	-0.013214
	0.002857	-0.011698	0.016697	-0.009334	0.020470	-0.024172
	0.004495					
y160	-0.042213	0.019846	0.032237	-0.013433	0.000697	0.028448
	-0.014250	0.002987	0.023438	-0.045196	-0.017118	-0.032191
	0.004059	0.035864	-0.052383	-0.026155	0.030385	0.022352
	0.011024	-0.036269	0.006666	0.018436	-0.039240	0.002805
	0.004143	-0.016837	-0.014727	0.024143	-0.021282	-0.037782
	-0.008960					

z160	-0.005518	0.016362	0.002309	-0.025605	-0.004094	-0.019781
	-0.058922	0.023554	-0.045851	0.015866	-0.026413	0.067269
	0.084779	-0.045443	0.003317	-0.010931	0.052065	-0.028129
	0.021448	-0.001694	-0.002478	-0.026415	-0.005284	0.032111
	0.009402	0.059966	-0.024987	-0.054221	-0.005773	0.003935
	0.037838					
x161	0.005602	0.008738	0.000454	-0.015533	-0.004035	-0.014922
	-0.007546	0.009569	-0.022553	-0.004009	-0.013056	0.024477
	0.018855	-0.006093	-0.000106	-0.008137	0.023076	0.000938
	0.005066	-0.008369	0.006341	-0.001549	0.003490	-0.015481
	-0.000772	0.005076	0.017262	-0.003518	-0.000839	0.003717
	0.002135					
y161	-0.043648	0.010995	0.031642	-0.019112	0.003343	0.027653
	-0.015118	-0.008708	0.023253	-0.056064	-0.016834	-0.025956
	0.007170	0.030004	-0.051892	-0.022314	0.036328	0.033103
	0.022466	-0.062536	0.005777	0.023344	-0.022095	0.002649
	-0.000786	-0.036453	-0.028407	0.024801	-0.012946	-0.033983
	-0.016801					
z161	-0.002146	0.019483	0.002259	-0.020123	0.000762	-0.023932
	-0.067251	0.021805	-0.040106	0.003746	-0.028748	0.065032
	0.077437	-0.056257	-0.000377	-0.007801	0.024423	-0.013562
	0.020703	-0.002095	0.015680	-0.006532	-0.008795	0.009328
	0.001737	0.058661	-0.013816	-0.024555	0.007352	0.005949
	0.014138					
x162	0.007886	0.004764	-0.006883	-0.008744	-0.002555	-0.014151
	-0.008162	0.007461	-0.022862	0.002910	0.001826	0.025889
	0.024240	-0.007150	-0.008306	-0.003373	0.016587	-0.001298
	-0.008320	0.008329	0.002837	-0.007708	0.010873	-0.010537
	-0.006063	0.019084	0.018018	-0.007788	0.004341	0.006894
	0.009949					
y162	-0.045059	0.006553	0.034260	-0.026273	0.004265	0.023984
	-0.004106	-0.005172	0.019605	-0.049483	-0.008770	-0.026359
	0.009911	0.026443	-0.044433	-0.026257	0.050040	0.029137
	0.026204	-0.073147	0.011939	0.018465	-0.006565	-0.017209
	0.005256	-0.049151	-0.016632	0.038412	-0.011024	-0.030266
	0.004606					
z162	-0.002453	0.020555	0.004991	-0.028784	0.007020	-0.025408
	-0.066493	0.030986	-0.037297	-0.006998	-0.026626	0.060338
	0.074762	-0.046676	-0.002250	-0.004553	0.016825	-0.018363
	0.008354	0.004858	0.017425	-0.003449	-0.000319	-0.006939
	0.004411	0.038183	-0.005641	-0.015384	0.017466	0.013784
	0.016339					

x163	0.010922	0.005517	-0.008061	-0.005897	-0.003140	-0.019091
	-0.015207	0.007029	-0.026038	0.006023	-0.000517	0.034997
	0.031515	-0.006345	-0.011116	0.000873	0.008486	-0.008616
	-0.013802	0.031124	0.013675	-0.011890	0.010076	0.001620
	-0.010228	0.029638	0.018295	-0.010776	0.004392	0.000091
	0.008767					
y163	-0.041401	-0.000411	0.035799	-0.023683	0.005908	0.017696
	-0.000328	-0.000583	0.021748	-0.040931	-0.003904	-0.028977
	0.016201	0.016688	-0.037631	-0.029272	0.048230	0.029028
	0.038756	-0.086543	0.007961	0.011505	0.012560	-0.021382
	-0.000207	-0.039876	0.002974	0.040153	-0.010146	-0.046864
	0.016903					
z163	0.000707	0.018013	0.005540	-0.029041	0.014450	-0.025715
	-0.061236	0.035414	-0.026852	-0.014594	-0.021695	0.050946
	0.068815	-0.041417	-0.001776	-0.000209	0.007260	-0.015002
	0.010885	-0.003084	0.011274	0.001321	0.002122	-0.011098
	0.007509	0.023662	-0.002789	-0.004670	0.020964	0.008528
	0.008402					
x164	0.020625	0.009135	-0.016636	-0.002417	-0.002529	-0.023952
	-0.018562	0.008072	-0.025189	0.019913	-0.007580	0.039260
	0.024494	-0.014119	-0.009107	0.002867	-0.007309	-0.012364
	-0.016638	0.044985	0.023416	-0.006650	-0.000286	0.006087
	-0.003133	0.029444	-0.000773	-0.013595	0.018699	0.011102
	0.018665					
y164	-0.037076	-0.000109	0.034962	-0.030566	0.003968	0.017091
	-0.002473	-0.009582	0.016270	-0.033631	-0.007960	-0.024131
	0.012498	0.004432	-0.028809	-0.018123	0.040721	0.019893
	0.036293	-0.073291	0.004814	0.011813	0.034417	-0.012034
	-0.013581	-0.042393	0.005781	0.036596	-0.007814	-0.015824
	0.003000					
z164	-0.000574	0.017634	0.005892	-0.038130	0.020322	-0.021864
	-0.059674	0.037429	-0.023221	-0.025514	-0.021295	0.048333
	0.071023	-0.033500	-0.000217	0.011218	0.009061	-0.014237
	0.001955	0.002644	0.004053	0.005784	0.013658	-0.016407
	0.003562	0.014830	-0.003235	0.001126	0.018761	0.023821
	-0.001487					
x165	0.022810	0.009290	-0.019304	0.001492	-0.002353	-0.025062
	-0.021212	0.012530	-0.026648	0.016462	-0.003509	0.036844
	0.031005	-0.005772	-0.008716	0.011641	-0.011284	-0.009853
	-0.026008	0.056441	0.015795	-0.000916	-0.008273	0.009160
	-0.001044	0.022768	-0.013099	-0.013953	0.019318	0.005330
	0.008466					

y165	-0.036167	-0.005973	0.033690	-0.034308	0.003518	0.011425
	-0.006879	-0.006829	0.023146	-0.028857	-0.003147	-0.023710
	0.008080	0.006274	-0.024932	-0.031701	0.040131	0.011573
	0.039897	-0.059802	0.005817	0.004283	0.032200	0.008589
	-0.005013	-0.027742	0.019596	0.033017	-0.011110	0.019620
	0.028568					
z165	-0.002099	0.011541	0.006049	-0.042878	0.024662	-0.019784
	-0.051310	0.040974	-0.005678	-0.038626	-0.018907	0.044403
	0.058599	-0.017501	-0.003740	0.003758	0.013247	-0.013772
	0.013017	0.002466	0.006291	0.002057	0.012536	-0.001589
	0.012862	0.014283	-0.015230	0.018474	0.015496	0.045866
	0.013999					
x166	0.021064	0.009284	-0.022572	0.001995	-0.000020	-0.024384
	-0.022826	0.022980	-0.027216	0.010431	0.000917	0.032813
	0.035396	0.004072	-0.009714	0.013778	-0.005292	-0.012108
	-0.031807	0.062860	0.007495	-0.001577	-0.014238	0.000367
	0.011136	0.023949	-0.022074	-0.001461	0.016521	0.013826
	0.004318					
y166	-0.031906	-0.011019	0.033045	-0.037985	0.001147	0.010172
	-0.018953	-0.014561	0.006567	-0.025566	0.006531	-0.023829
	0.016157	0.000387	-0.014554	-0.016778	0.022963	0.014856
	0.019753	-0.050939	-0.001224	0.006012	0.043540	0.011490
	-0.017446	-0.022849	0.032225	0.011963	-0.013965	0.009226
	0.032639					
z166	0.001591	0.007042	0.005367	-0.046526	0.026214	-0.015220
	-0.043974	0.036839	-0.003592	-0.044998	-0.015373	0.041453
	0.050799	-0.016942	-0.002274	0.017635	0.011686	-0.000281
	0.012082	-0.003188	0.001975	0.007240	0.016540	0.000082
	0.006800	0.001360	-0.015035	0.021476	0.021949	0.043401
	0.012542					
x167	0.028059	0.014288	-0.030406	0.009269	0.000888	-0.025805
	-0.016491	0.029296	-0.019656	0.008678	-0.010361	0.035335
	0.025028	0.006920	-0.008039	0.016969	-0.007752	-0.007459
	-0.025679	0.059242	0.021851	-0.001832	-0.020108	0.002622
	0.029292	0.034487	-0.049952	0.018285	0.026443	0.019586
	0.011683					
y167	-0.019779	-0.008751	0.024021	-0.035812	0.002859	0.007354
	-0.021067	-0.010289	0.008918	0.000974	0.001607	-0.019028
	0.007232	-0.017082	0.007602	-0.017336	0.001633	0.006987
	0.028012	-0.039080	0.021548	0.011917	0.036179	-0.000730
	-0.026994	-0.014562	0.030070	0.005875	0.001849	0.004764
	0.024589					

z167	-0.000952	-0.000739	0.006517	-0.056153	0.029428	-0.007724
	-0.039946	0.041730	-0.006672	-0.044293	-0.009370	0.034672
	0.048606	-0.014367	0.000877	0.019981	0.016550	0.007380
	0.006886	-0.000290	-0.007568	0.004849	0.024193	-0.008869
	-0.010347	-0.010655	-0.001347	0.013571	0.028004	0.051408
	0.015795					
x168	0.032593	0.018485	-0.035447	0.013256	0.002901	-0.023902
	-0.008206	0.030496	-0.017467	0.003786	-0.016718	0.038599
	0.020079	0.003514	0.000730	0.031442	0.000264	0.002191
	-0.020129	0.058971	0.021833	0.004405	-0.030131	0.000455
	0.041636	0.026416	-0.050687	0.035103	0.022956	0.028408
	-0.000711					
y168	-0.013837	-0.011508	0.017826	-0.031992	0.001574	0.004196
	-0.017584	-0.011738	0.011813	0.007837	-0.000499	-0.018562
	0.001373	-0.017955	-0.001247	-0.009843	-0.001630	0.010556
	0.029783	-0.029508	0.014576	0.004236	0.032175	0.014059
	-0.013449	-0.001942	0.012392	0.000696	0.000349	0.020145
	0.029108					
z168	0.001544	-0.011681	0.007847	-0.060333	0.029149	-0.005233
	-0.032185	0.045487	-0.005171	-0.040797	-0.008077	0.025290
	0.034744	-0.012845	-0.006970	0.015469	0.027686	0.015837
	0.021152	-0.013916	-0.001567	-0.014059	0.026763	0.010147
	-0.008925	-0.006228	-0.001903	0.012991	0.036533	0.050410
	0.028080					
x169	0.027786	0.016220	-0.035243	0.015698	0.001625	-0.016357
	-0.002089	0.035334	-0.013188	-0.018498	-0.021040	0.036408
	0.009958	0.023861	-0.014452	0.037099	0.015534	0.020199
	-0.010787	0.063971	0.011071	0.004585	-0.029426	0.017150
	0.046528	0.024235	-0.034431	0.037563	0.028276	0.027309
	-0.007593					
y169	-0.013829	-0.016615	0.015367	-0.038150	0.003460	-0.001339
	-0.013837	-0.003754	0.007134	-0.012083	0.009665	-0.016723
	0.005379	-0.000921	-0.017320	-0.010218	0.014077	0.014652
	0.016385	-0.003198	-0.007261	-0.009250	0.029686	0.025472
	-0.015433	-0.006924	0.012909	0.004552	-0.002795	0.023458
	0.025887					
z169	0.005432	-0.014713	0.008584	-0.059873	0.026104	-0.005295
	-0.019772	0.038748	-0.010562	-0.039473	-0.014466	0.019422
	0.019379	-0.023684	0.016208	0.022488	0.031414	0.043856
	0.029904	-0.009663	0.025998	-0.021813	0.026800	0.007558
	-0.014719	0.007741	-0.000525	0.026934	0.059950	0.014827
	0.019690					

x170	0.023785	0.015754	-0.026017	0.026939	-0.004236	-0.006915
	0.006758	0.042200	-0.009710	-0.035295	-0.026343	0.043014
	0.006283	0.039921	-0.019674	0.048416	0.013929	0.048887
	-0.006477	0.080152	0.011408	-0.003267	-0.025122	0.002177
	0.063567	0.038739	-0.033705	0.036794	0.030202	0.019690
	0.015870					
y170	-0.003609	-0.012040	0.005761	-0.032966	0.013902	-0.009925
	-0.012752	0.004327	0.007637	-0.007943	-0.002405	-0.012034
	0.002079	-0.012278	-0.003180	-0.004180	0.004698	0.006388
	0.023432	-0.008726	0.010834	0.003081	0.019306	0.020888
	-0.019484	-0.011031	-0.002171	0.005436	0.020857	0.005621
	0.020751					
z170	0.006001	-0.017907	0.007664	-0.051842	0.022148	-0.004400
	-0.017371	0.031946	-0.001532	-0.024394	-0.020624	0.018546
	0.000330	-0.037463	0.030031	0.023018	0.036960	0.036093
	0.026023	-0.022799	0.024902	0.006147	0.024578	0.012527
	-0.015475	-0.005425	-0.007193	0.023099	0.084143	-0.007795
	0.030102					
x171	0.022962	0.015560	-0.019201	0.031292	-0.010265	0.001778
	0.011459	0.046569	-0.003312	-0.034169	-0.032884	0.045288
	0.009142	0.036241	-0.018077	0.047871	0.026484	0.053884
	-0.001482	0.065638	0.004169	-0.001108	-0.017342	-0.013468
	0.060903	0.048289	-0.026074	0.039067	0.021124	0.030352
	0.013296					
y171	0.008550	-0.007180	-0.003888	-0.018109	0.018812	-0.010198
	-0.004871	0.005011	0.008401	-0.000928	-0.018619	-0.011449
	-0.004736	-0.023748	0.011040	0.012962	-0.003773	0.015116
	0.034232	-0.012987	0.019231	0.010323	0.016950	0.001794
	-0.002764	-0.006145	-0.016964	0.001696	0.032756	-0.012178
	0.020261					
z171	0.003345	-0.026141	0.005602	-0.048150	0.016851	-0.014201
	-0.016984	0.033148	0.000419	-0.016090	-0.010609	0.020358
	-0.009887	-0.045064	0.026677	0.032022	0.031337	0.032168
	0.032143	-0.025683	0.020007	0.007883	0.019804	0.012106
	-0.003793	-0.021796	0.016246	0.035552	0.094057	-0.021336
	0.033150					
x172	0.026502	0.020206	-0.013842	0.039004	-0.009852	0.005471
	0.013184	0.047196	-0.000820	-0.016733	-0.040361	0.042359
	0.021137	0.020016	0.008138	0.043846	0.021584	0.051045
	0.012920	0.041327	0.004481	-0.005931	-0.009921	-0.032381
	0.076993	0.042272	0.009923	0.032600	0.025780	0.027826
	0.032857					

y172	0.010552	-0.007563	-0.007605	-0.005550	0.016805	-0.009891
	-0.003707	0.013521	0.007031	-0.010847	-0.024797	0.003000
	-0.009496	-0.025814	0.002448	0.024377	0.004546	0.034617
	0.030928	0.006524	0.007966	0.013174	0.019326	0.003298
	0.015413	0.001337	-0.024962	0.009280	0.041285	-0.017088
	0.032777					
z172	-0.005369	-0.045190	0.005332	-0.050558	0.000923	-0.012923
	-0.011333	0.025717	0.000387	-0.032155	0.007399	0.016267
	-0.019611	-0.020699	-0.015520	0.038544	0.028790	0.028520
	0.022402	-0.009080	0.004709	-0.003508	0.026682	0.009660
	-0.041105	-0.021442	0.000429	0.056740	0.048724	-0.022286
	-0.016646					
x173	0.023146	0.021632	-0.005793	0.039873	-0.012698	0.013472
	0.020082	0.039701	0.003448	-0.010912	-0.032809	0.040879
	0.024308	0.012474	0.004957	0.041351	0.012762	0.045786
	0.023390	0.033108	-0.000715	0.000044	-0.002520	-0.048491
	0.080569	0.031669	0.036274	0.044921	0.011641	0.035637
	0.036741					
y173	0.009286	-0.008961	-0.002216	0.006246	0.008318	-0.009330
	0.000708	0.027387	0.010147	-0.015388	-0.030424	0.013697
	-0.006353	-0.019172	-0.003299	0.034670	0.005164	0.046904
	0.023173	0.008747	-0.006003	0.003601	0.020710	-0.020248
	0.015603	-0.001963	-0.020103	0.022127	0.024917	-0.016815
	0.015162					
z173	-0.005453	-0.050314	0.004640	-0.046673	-0.007594	-0.014216
	-0.008638	0.019749	0.003640	-0.036729	-0.000987	0.010192
	-0.023238	-0.002644	-0.010890	0.018643	0.024199	0.039744
	0.031092	-0.019507	-0.016552	-0.011280	0.041937	0.013947
	-0.027080	-0.012930	0.014601	0.057178	0.054504	-0.011084
	-0.017449					
x174	0.019350	0.018514	-0.001799	0.037281	-0.010493	0.018656
	0.013839	0.030954	-0.001040	-0.010371	-0.025748	0.040010
	0.023203	0.001265	0.002777	0.035100	-0.004189	0.043014
	0.015225	0.041545	-0.004365	0.002449	-0.002810	-0.040310
	0.058414	0.013523	0.036255	0.030666	-0.010317	0.048890
	0.037818					
y174	0.014028	-0.005237	0.001821	0.022632	0.004287	-0.004865
	0.009550	0.035538	0.012875	-0.013253	-0.037405	0.016718
	0.012915	-0.018859	0.005974	0.029741	0.006610	0.045824
	0.032801	0.000718	-0.013779	-0.010251	0.034693	-0.036082
	0.038730	-0.001839	0.024388	0.031096	0.027158	-0.030233
	0.016345					

z174	-0.005448	-0.052744	0.008499	-0.042440	-0.014132	-0.017986
	-0.008634	0.014258	0.004048	-0.030442	-0.002259	0.011204
	-0.032639	0.001395	-0.018490	0.014139	0.013841	0.035664
	0.027004	-0.022459	-0.032831	-0.012312	0.047340	0.014956
	-0.037785	-0.021038	0.020776	0.050268	0.041957	0.005366
	-0.024787					
x175	0.016668	0.015129	-0.001131	0.027381	-0.008856	0.022412
	0.013469	0.016005	0.002101	-0.015048	-0.013848	0.027968
	0.022730	-0.005211	0.005017	0.031445	-0.006812	0.035095
	0.023715	0.031051	-0.016721	0.005229	-0.009775	-0.034817
	0.056927	0.019877	0.009680	0.002629	-0.024142	0.069671
	0.059040					
y175	0.016488	-0.000787	0.002588	0.034405	0.002904	0.000029
	0.015560	0.038924	0.009704	-0.012096	-0.041781	0.031217
	0.018673	-0.018293	0.010550	0.023961	0.001903	0.046036
	0.032546	-0.000058	-0.021246	-0.012478	0.047729	-0.046913
	0.039160	-0.012734	0.049873	0.043593	0.037658	-0.041160
	0.012541					
z175	-0.005639	-0.055155	0.012280	-0.037176	-0.017494	-0.022657
	-0.009628	0.018070	0.003425	-0.025601	0.001039	0.011944
	-0.030649	-0.002292	-0.036797	0.010229	0.015731	0.028294
	0.021091	-0.025538	-0.023887	-0.018188	0.047137	0.006312
	-0.043914	-0.027655	0.033829	0.065543	0.019576	0.012188
	-0.044614					
x176	0.014697	0.015640	-0.004482	0.020549	-0.006037	0.019830
	0.010612	0.007422	0.005947	-0.011027	-0.005726	0.023662
	0.019573	-0.020629	0.018075	0.024102	-0.002822	0.016794
	0.037841	0.021723	-0.015450	0.009638	-0.020990	-0.028749
	0.052801	0.021683	-0.003447	-0.013563	-0.041511	0.068687
	0.064405					
y176	0.017215	0.003755	0.001581	0.037785	0.000986	0.005486
	0.017998	0.034315	0.011299	-0.018970	-0.035321	0.039059
	0.030660	-0.025059	0.011880	0.027282	-0.002798	0.042680
	0.031170	0.006484	-0.035377	-0.012392	0.043712	-0.049522
	0.038450	-0.005930	0.052363	0.035319	0.018943	0.000271
	0.025957					
z176	-0.003330	-0.057741	0.019735	-0.019860	-0.017910	-0.020952
	-0.002543	0.019005	-0.003251	-0.030102	0.001407	0.013791
	-0.033850	0.004728	-0.051252	-0.011769	0.019580	0.031926
	0.013269	-0.049297	-0.020764	-0.036942	0.060327	-0.012334
	-0.051687	-0.053498	0.031129	0.069268	0.022537	-0.042976
	-0.069358					

x177	0.009714	0.013705	-0.004621	0.017177	-0.001296	0.013515
	0.006261	0.000294	0.000584	-0.009565	-0.011245	0.022159
	0.002805	-0.033205	0.030838	0.001725	-0.017081	0.009079
	0.041608	0.017214	-0.000822	0.013442	-0.013560	-0.015325
	0.025108	-0.016208	0.001443	0.006553	0.002376	-0.000469
	0.026888					
y177	0.017750	0.008212	-0.001900	0.040076	0.003728	0.010802
	0.025405	0.033968	0.015922	-0.025505	-0.018548	0.043889
	0.046739	-0.036455	0.017535	0.035551	-0.011165	0.033321
	0.037306	-0.002984	-0.040901	-0.014393	0.027166	-0.042189
	0.044868	0.016615	0.037984	0.020965	-0.026837	0.065468
	0.043272					
z177	-0.001980	-0.055888	0.026055	-0.004863	-0.024381	-0.025307
	-0.003296	0.021458	-0.016709	-0.013595	0.005709	0.020185
	-0.028627	0.006019	-0.051837	-0.010450	0.023471	0.015529
	-0.000376	-0.073414	-0.010167	-0.038819	0.064748	-0.014251
	-0.067379	-0.044667	0.032091	0.059531	0.037848	-0.089546
	-0.059221					
x178	-0.003294	0.018122	0.003554	0.014295	0.008949	0.013431
	0.023270	0.007161	-0.005680	0.005570	0.015460	0.009829
	0.021680	0.016312	0.008334	-0.025041	-0.011794	0.004383
	0.013475	0.002786	0.016543	0.034612	0.002728	0.016815
	0.024456	0.022839	0.027024	-0.026692	-0.006719	-0.066115
	0.037140					
y178	0.016918	0.002683	-0.001306	0.043772	0.008124	0.014416
	0.027771	0.013494	0.003662	-0.033346	-0.021668	0.040391
	0.030881	-0.057676	0.016762	0.015888	-0.016234	0.031922
	0.059327	0.005360	-0.035625	-0.025669	0.035002	-0.051802
	0.032283	-0.068232	0.025902	0.042935	0.004041	0.011785
	0.018542					
z178	-0.005203	-0.052554	0.027584	0.014541	-0.027526	-0.025901
	-0.008536	0.041930	-0.019725	0.002938	0.024531	0.025961
	-0.019297	0.018780	-0.034686	0.009235	0.002403	-0.012449
	-0.012829	-0.081793	-0.019921	-0.031870	0.064292	0.019428
	-0.067170	0.002598	0.052715	0.040198	-0.006909	-0.047966
	0.000479					
x179	0.001652	0.028276	0.000284	-0.009453	0.027600	0.004832
	0.009166	0.034790	0.014370	0.006755	0.028705	-0.034414
	0.007362	0.021806	0.004854	0.017138	-0.018098	0.015036
	-0.011669	-0.011300	0.034086	0.026497	-0.016903	0.030756
	-0.014089	0.076438	0.013847	-0.050695	0.018502	-0.020778
	0.013610					

y179	0.020197	0.008080	-0.008660	0.037233	0.033536	0.015629
	0.026306	0.028931	0.024453	-0.032888	-0.004596	0.017471
	0.019217	-0.066583	0.015845	0.030862	-0.038542	0.035798
	0.045941	0.008176	-0.039483	-0.043376	0.026836	-0.018255
	-0.007092	-0.047260	0.036904	0.043408	0.033604	0.022032
	0.001727					
z179	-0.006493	-0.055225	0.030596	0.002141	-0.035639	-0.027067
	-0.021370	0.021148	-0.012868	-0.003129	-0.003894	0.010652
	-0.025367	0.023716	-0.018045	-0.019208	-0.004089	-0.021033
	0.001068	-0.043598	-0.028165	-0.029633	0.066772	0.023835
	-0.043967	-0.029758	0.071210	0.035194	0.011665	-0.034572
	0.018206					
x180	0.001963	0.024717	-0.001839	-0.014666	0.019414	-0.006256
	-0.008950	0.035470	0.031186	0.011187	0.024197	-0.048813
	-0.009796	0.024566	0.007807	0.054728	-0.019703	0.028118
	-0.005623	-0.000793	0.005830	-0.004542	-0.006686	0.023345
	-0.039958	0.039146	-0.012255	-0.054469	0.038431	0.025282
	-0.042700					
y180	0.028085	0.019481	-0.026049	0.039507	0.049329	0.012550
	0.005170	0.029268	0.033700	-0.009155	0.001412	0.005156
	-0.003010	-0.063599	0.025551	0.049826	-0.036065	0.056341
	0.069802	0.002932	-0.006044	-0.080170	0.048201	-0.020821
	-0.036106	-0.073441	0.051238	0.024529	0.057392	0.015661
	-0.011415					
z180	-0.006555	-0.048502	0.029204	0.010159	-0.052742	-0.032322
	-0.018559	-0.023323	-0.016842	0.044357	-0.045818	0.028892
	-0.029679	0.001757	0.035481	-0.044294	-0.008459	-0.038123
	0.035482	-0.031447	-0.034239	-0.015949	0.051717	-0.012707
	0.006684	-0.086671	0.006397	0.050469	-0.002200	-0.030209
	0.056959					
x181	-0.012611	0.007540	0.009075	-0.027986	-0.017564	-0.009705
	-0.004211	0.015751	0.023230	0.001124	0.009350	-0.033624
	0.007895	0.049606	-0.029938	0.031077	-0.006986	0.021052
	-0.041316	0.013683	-0.032353	0.008883	-0.015173	0.024282
	-0.014701	0.028458	-0.015306	-0.049981	0.000667	-0.004471
	-0.017237					
y181	0.015677	0.025902	-0.031349	0.036574	0.042690	0.004652
	0.006142	0.023931	0.030995	0.005700	0.021917	0.007105
	0.010219	-0.016146	0.004394	0.033325	-0.008558	0.059848
	0.065367	0.003588	0.030114	-0.075511	0.049426	-0.015242
	-0.029632	-0.046291	0.058229	0.002954	0.016452	-0.006441
	0.044162					

z181	-0.001406	-0.047136	0.032671	0.021474	-0.052915	-0.029754
	0.007515	-0.047236	-0.030672	0.079351	-0.091044	0.053555
	-0.034760	-0.017191	0.055929	-0.052508	-0.019837	-0.048186
	0.035497	-0.005779	-0.021373	0.024735	0.043258	-0.042340
	0.055664	-0.090000	-0.022656	-0.002518	0.002687	-0.015482
	0.002383					
x182	-0.021189	-0.010150	0.019321	-0.033990	-0.043143	-0.011375
	-0.011376	-0.002232	-0.003616	-0.011859	0.003339	-0.028727
	0.002969	0.051516	-0.039896	0.004641	0.013366	-0.004738
	-0.028474	0.025835	-0.038321	0.021199	-0.004912	0.022642
	0.010645	-0.001424	-0.064254	-0.037757	-0.022330	0.019741
	0.011553					
y182	0.009903	0.014149	-0.035601	0.038657	0.037753	0.004940
	0.031026	0.010936	0.024483	0.009068	0.040157	0.000463
	0.011620	0.000522	-0.034743	0.025548	-0.024509	0.038053
	0.057826	0.009347	0.004517	-0.049071	0.045442	0.011546
	-0.025899	-0.030703	0.018294	-0.007650	-0.003260	-0.004205
	0.073066					
z182	-0.021679	-0.061983	0.043910	0.010722	-0.069633	-0.025339
	0.017922	-0.041463	-0.032604	0.035781	-0.074628	0.036530
	-0.020813	0.011801	-0.013947	-0.083903	0.004220	-0.051833
	-0.013673	0.023246	-0.084888	0.056674	0.028962	-0.027688
	0.068124	-0.073528	-0.016396	-0.001296	-0.022806	-0.044464
	0.025425					
x183	-0.011410	-0.004788	0.025362	-0.032003	-0.045255	-0.018330
	-0.029443	-0.030444	-0.022943	-0.011089	-0.012741	-0.015954
	-0.003780	0.010989	0.005189	-0.003064	0.046163	-0.014593
	0.003735	0.023882	0.001564	0.035168	-0.004952	-0.013899
	0.029753	-0.045769	-0.057703	0.020593	-0.037138	0.024238
	0.017176					
y183	0.012633	0.012211	-0.042180	0.021930	0.027129	0.007507
	0.049922	-0.017059	0.007927	0.036428	0.004904	0.003646
	0.016053	-0.024912	-0.021190	0.017884	-0.042362	0.015149
	0.056117	0.002513	0.073865	-0.020395	0.028886	0.014994
	0.007794	0.003477	0.008163	-0.037664	0.001110	-0.042487
	0.054547					
z183	-0.019660	-0.054492	0.037325	0.012179	-0.059694	-0.028147
	0.022437	-0.048480	-0.003017	0.010485	-0.055504	0.039118
	-0.008896	-0.005286	-0.053162	-0.104995	0.023073	-0.047069
	-0.057003	0.050590	-0.115394	0.046890	-0.013217	-0.010356
	0.038131	-0.057821	-0.009157	0.054907	0.030227	-0.052542
	0.009572					

x184	-0.012442	-0.006638	0.035018	-0.034343	-0.046160	-0.013307
	-0.043390	-0.035920	-0.028021	-0.041069	-0.007880	0.014826
	0.005404	0.005542	0.020204	-0.041646	0.070834	-0.016451
	-0.030462	0.011231	-0.001242	0.056241	-0.056819	-0.002946
	0.040942	-0.016803	-0.021088	0.054615	-0.047636	-0.016441
	-0.031818					
y184	0.013542	0.006479	-0.037276	0.024075	0.025165	0.021108
	0.036502	-0.021156	0.023305	0.007995	-0.040444	0.030512
	-0.006383	-0.050181	0.049694	-0.033550	-0.034358	-0.024902
	0.030246	0.012530	0.062377	-0.014803	-0.017713	-0.014277
	0.034021	-0.011122	-0.034590	0.039205	-0.016251	-0.059479
	-0.044211					
z184	-0.006879	-0.036466	0.022637	0.003515	-0.032091	-0.033100
	0.021386	-0.056260	0.012318	0.020724	-0.047190	0.033074
	-0.018856	-0.023716	-0.035967	-0.073571	0.001508	-0.021904
	-0.057555	0.036147	-0.065508	0.054084	-0.034416	0.013901
	0.023534	-0.008335	0.021803	0.046526	0.054102	-0.056438
	-0.054905					
x185	-0.015003	-0.026421	0.041826	-0.053039	-0.065658	-0.025570
	-0.043139	-0.032108	-0.037480	-0.028948	0.002134	-0.017152
	0.007959	-0.020184	0.028550	0.020182	-0.002327	0.007713
	-0.031754	-0.006357	-0.034537	0.066933	-0.046560	0.022387
	0.022366	-0.003214	-0.010689	-0.001033	-0.019810	0.019755
	-0.023737					
y185	0.008029	-0.011135	-0.008455	0.003466	-0.001631	0.005832
	0.017568	-0.016442	0.001713	-0.008619	-0.041982	0.018527
	0.001470	-0.054012	-0.006344	-0.052263	-0.034225	-0.046325
	-0.025277	-0.006325	-0.023654	-0.013789	-0.022569	0.010811
	0.025326	-0.005735	-0.052882	0.059880	0.034478	-0.039205
	-0.035749					
z185	-0.004402	-0.023860	0.027957	-0.012245	-0.028356	-0.058817
	0.003550	-0.065992	-0.015126	0.063263	-0.010012	-0.007275
	-0.015022	-0.037437	0.019144	-0.007332	-0.051860	-0.023946
	0.000768	-0.030356	0.082835	0.033550	0.005391	0.067636
	0.013010	0.069506	0.040423	-0.021412	0.056247	-0.053434
	-0.058163					
x186	-0.017499	-0.005831	0.033454	-0.023438	-0.038345	-0.010176
	-0.049906	0.003861	-0.013833	-0.032230	0.043652	0.000162
	0.018404	0.004775	0.042850	0.004857	0.025393	0.017718
	-0.027690	-0.004252	-0.040014	0.037601	-0.019335	-0.010330
	-0.020500	-0.003992	-0.019774	0.040335	-0.021828	0.051280
	-0.001808					

y186	0.003619	-0.010166	0.013476	-0.020104	-0.016014	-0.014702
	0.001101	-0.033672	-0.037099	0.000279	-0.024075	-0.009831
	0.039072	-0.041328	-0.025642	-0.053446	0.018260	-0.042998
	0.017196	-0.004979	0.006881	-0.003119	0.008928	0.013162
	0.000796	-0.040379	-0.033625	0.035748	0.079594	0.010437
	-0.036020					
z186	-0.003388	-0.005796	0.036747	0.014665	-0.011891	-0.041157
	-0.032915	-0.012908	0.014930	0.034415	0.006622	0.010038
	-0.011634	0.013817	0.005345	-0.031789	-0.007509	-0.019907
	-0.026091	-0.017094	0.012428	0.003516	0.013789	0.046821
	0.011036	0.034143	-0.002814	0.004558	0.057499	-0.047693
	-0.058899					
x187	-0.025070	0.011513	0.046323	-0.027677	-0.047449	-0.033389
	-0.041369	-0.006483	-0.038187	-0.006751	0.060432	-0.000396
	0.054147	0.006032	-0.001675	-0.022934	0.067574	-0.003509
	-0.054926	-0.047862	0.055524	0.006241	-0.001343	0.010450
	-0.020978	0.061970	0.021804	0.023642	-0.019622	0.009778
	0.048321					
y187	0.005310	0.007945	-0.000134	-0.011894	0.004995	-0.005665
	-0.004407	-0.014075	-0.005132	-0.014604	0.008401	0.002661
	0.046750	-0.025965	0.033610	-0.004189	0.003953	-0.027697
	0.003322	-0.031132	-0.015683	-0.005486	-0.033512	-0.051840
	-0.024550	-0.045802	0.014675	0.067828	0.056263	-0.032661
	-0.052392					
z187	-0.006754	-0.021200	0.033683	0.012236	-0.032290	-0.036135
	-0.044295	-0.037326	0.026132	-0.002300	0.010080	-0.027915
	-0.007296	0.019468	-0.024828	-0.007203	-0.023895	-0.012958
	-0.029105	-0.034459	-0.048753	0.035277	0.001953	0.022469
	0.009655	0.017293	0.012508	0.080071	0.002880	-0.054287
	0.031240					
x188	-0.012874	0.000824	0.051508	-0.023754	-0.034593	-0.030899
	-0.014860	-0.007549	-0.041703	-0.017732	0.051756	0.016014
	0.043943	-0.019061	0.013097	-0.056081	0.099293	0.014814
	-0.004090	-0.002032	0.065215	-0.054221	-0.003637	0.041453
	0.007775	0.021650	-0.006062	0.057838	-0.007151	0.027727
	0.015587					
y188	-0.004841	0.010738	0.028336	-0.010589	-0.024673	-0.015468
	-0.020614	0.009349	0.025394	0.021636	0.040690	0.008103
	0.026184	-0.062410	0.056448	0.036305	-0.009955	0.046079
	-0.018822	0.007200	-0.029121	-0.001199	0.001263	-0.028159
	-0.073134	0.016389	-0.010951	-0.025837	0.073881	0.035817
	-0.047446					

z188	0.001364	-0.018935	0.057267	0.008058	-0.054374	-0.018498
	-0.063436	-0.028350	0.030650	0.010665	0.036260	-0.028650
	0.001672	-0.014486	0.028101	-0.013189	0.049100	0.094913
	-0.045715	0.070948	-0.034027	0.078835	0.065837	-0.012133
	-0.044941	0.032517	0.016846	0.041354	0.029703	0.017608
	-0.015397					
x189	-0.013638	0.020512	0.025559	-0.004624	-0.029633	-0.017055
	-0.000669	0.017166	-0.003492	0.008744	0.036951	0.001313
	0.067977	-0.001339	-0.021269	0.011602	0.001805	0.027786
	-0.010570	0.020967	0.046836	-0.021600	-0.022262	0.011407
	-0.028175	0.009327	-0.003802	0.001320	0.071264	-0.050083
	-0.009861					
y189	0.000534	0.007848	0.019136	-0.014255	-0.017071	-0.021123
	-0.021224	-0.006668	0.013549	0.013241	0.052527	0.015549
	0.016560	-0.086404	0.062277	0.044099	-0.029253	0.015650
	-0.021006	-0.034049	-0.020765	-0.074859	-0.042826	-0.012708
	-0.052895	0.010928	-0.006785	-0.018516	0.083824	0.011729
	-0.045604					
z189	0.012714	-0.027280	0.043966	0.007510	0.002080	-0.021770
	-0.023028	-0.050398	-0.047661	0.000496	0.042505	-0.047508
	0.008701	0.085388	0.024567	0.016809	0.026334	-0.019642
	0.001815	0.044243	-0.075884	0.047220	0.081570	-0.071471
	0.123382	-0.029623	-0.006804	0.005691	-0.043230	-0.028722
	-0.090342					
x190	0.001133	0.003581	0.013580	-0.016228	-0.022506	-0.001391
	-0.015424	-0.013903	0.006414	0.000039	-0.000882	-0.000886
	0.036069	-0.028419	-0.012405	0.009661	0.031417	-0.001420
	0.010184	0.027593	0.024292	0.009181	-0.006165	0.016956
	-0.032320	-0.001934	-0.008589	0.006112	0.101988	-0.060649
	0.003376					
y190	-0.001415	0.017109	0.024414	0.006969	-0.020680	-0.005148
	-0.007017	0.001101	-0.016433	0.022157	0.072172	0.026309
	0.006927	-0.087643	0.045875	0.025313	-0.019794	0.021241
	0.004124	-0.053140	0.011866	-0.028329	-0.059342	-0.038823
	-0.041575	0.017947	-0.004980	-0.089506	0.026385	-0.015461
	0.015178					
z190	0.018833	-0.019716	0.031261	0.012434	-0.000919	0.006183
	-0.006743	-0.015878	-0.004310	0.010978	0.058663	-0.008076
	-0.005460	0.021669	-0.004500	0.039570	-0.048542	0.019700
	0.046194	0.016495	0.000713	-0.017405	0.033457	0.010040
	0.025503	0.035379	-0.003005	0.028431	0.056097	-0.059196
	-0.044464					

x191	0.009546	-0.000603	0.003401	-0.001130	-0.007978	-0.014100
	-0.009178	-0.022977	0.014109	0.004123	-0.001411	0.006761
	0.018272	0.002057	-0.017322	-0.008066	0.016500	-0.012571
	0.013776	-0.020883	0.002996	0.014420	0.019076	0.027999
	-0.018767	0.046772	0.004554	0.014169	0.035207	-0.041964
	-0.009396					
y191	-0.005138	0.007645	0.016878	0.002239	-0.019092	-0.014059
	-0.011621	-0.025669	-0.010722	0.010971	0.035348	0.013085
	-0.011448	-0.085166	0.023185	-0.011825	-0.004941	0.024155
	-0.002900	-0.032679	0.031993	-0.035604	-0.036195	-0.024984
	-0.036386	-0.012753	-0.035701	-0.069064	0.010727	0.005271
	0.025691					
z191	0.007683	-0.015042	0.027973	0.017744	-0.019117	0.006523
	0.009066	-0.012502	0.005569	0.013191	0.044888	0.006867
	-0.005498	0.030744	-0.035658	0.029342	-0.047469	0.042609
	0.025587	0.008718	0.028016	-0.025275	0.067380	0.057883
	0.017742	0.046249	-0.020011	0.033494	-0.019676	-0.012588
	-0.036290					
x192	0.021684	0.002263	0.002564	0.009739	0.000345	-0.024677
	-0.012940	-0.030145	0.013393	0.009285	-0.016107	0.019171
	-0.005728	0.006417	-0.005028	-0.008904	-0.012559	-0.010946
	0.003560	-0.040927	0.025655	0.026331	0.040584	0.009882
	-0.016036	0.069444	0.010216	0.035661	-0.002393	-0.036811
	-0.035706					
y192	-0.001363	0.007254	0.007833	0.005353	-0.012808	-0.011203
	-0.013517	-0.019950	-0.014542	0.020706	0.024226	0.000682
	-0.017304	-0.064561	0.032411	-0.009820	-0.014570	0.001123
	-0.006168	-0.047983	0.028590	0.007570	-0.020241	-0.048766
	-0.044834	0.019575	-0.020329	-0.067996	-0.009224	-0.013413
	0.009973					
z192	0.010177	-0.019276	0.032092	0.008434	-0.023932	0.011763
	-0.008185	-0.023675	-0.016043	0.014653	0.046251	0.017055
	-0.012609	0.029430	-0.020315	0.038251	-0.015505	0.025092
	0.019919	0.017063	0.005354	0.012121	0.042696	0.011461
	-0.001512	0.029346	-0.019600	0.021866	0.002036	-0.021216
	-0.009366					
x193	0.023370	-0.005849	0.014142	0.015061	-0.005076	-0.022882
	-0.012749	-0.040284	0.002971	0.009241	-0.016331	0.036892
	-0.025345	0.022758	0.006758	0.012476	-0.025758	-0.009432
	0.014332	-0.045829	0.031054	0.038427	0.037494	-0.012506
	-0.019471	0.059322	-0.015213	0.039043	0.014240	-0.033678
	-0.013778					

y193	0.013460	0.012396	-0.000095	0.005856	-0.011736	-0.004132
	-0.010289	-0.016188	-0.023931	0.042547	0.004829	0.003296
	-0.023467	-0.059456	0.033112	-0.002933	-0.054103	0.007705
	0.017367	-0.013869	0.060258	-0.016780	-0.013919	-0.071254
	-0.007014	0.008068	-0.028011	-0.060547	-0.003433	-0.011611
	0.027224					
z193	0.017450	-0.010915	0.019994	0.006043	-0.026520	0.003341
	-0.014842	-0.024687	-0.007939	0.023838	0.019835	0.016187
	-0.010870	0.004899	-0.001538	0.036318	-0.016013	0.025362
	-0.004711	0.000783	0.014901	0.020497	0.026828	0.013953
	-0.023646	0.033085	-0.017887	0.019432	0.019034	-0.027024
	-0.019035					
x194	0.020857	-0.016324	0.018795	0.019800	-0.004407	-0.011530
	-0.002492	-0.045912	-0.006442	-0.004553	0.010184	0.049000
	-0.028843	0.034086	-0.014365	0.011356	-0.014487	-0.013259
	0.003402	-0.016101	0.025307	0.036450	0.053191	-0.020018
	-0.018050	0.050245	-0.048665	0.029955	0.004498	-0.030519
	-0.000327					
y194	0.019255	0.012986	-0.005234	0.001861	-0.020402	0.010161
	-0.014148	-0.007063	-0.017511	0.049271	-0.007152	-0.003238
	-0.012970	-0.067194	0.024160	-0.005559	-0.076245	0.000973
	0.004946	0.009843	0.060883	-0.039007	-0.020143	-0.059735
	-0.010748	-0.014040	0.002772	-0.075674	0.009910	-0.019236
	0.005586					
z194	0.022851	0.001958	0.005462	0.001066	-0.016557	-0.013656
	-0.026425	-0.017904	0.003455	0.037344	0.002756	0.006392
	0.002367	-0.026305	0.036776	0.037763	-0.039571	0.021550
	-0.006745	-0.000175	0.039640	0.005647	0.014467	0.003208
	-0.011949	0.036152	0.000805	0.030475	0.016359	-0.056254
	-0.002621					
x195	0.015602	-0.027434	0.033232	0.024845	-0.013823	-0.016307
	0.034109	-0.035490	-0.016144	-0.031593	0.014633	0.073461
	-0.006100	0.003950	-0.000106	0.013827	-0.034415	-0.010783
	-0.029871	0.029236	0.012025	0.000330	0.012020	-0.006972
	0.012808	0.066165	-0.033236	0.007100	0.025051	-0.051297
	-0.049536					
y195	0.028334	0.015086	-0.038992	-0.031279	-0.043803	0.028875
	-0.071181	-0.005812	0.003291	0.047048	0.009572	-0.032892
	0.009648	-0.048588	-0.025515	-0.018203	-0.087954	0.038153
	0.020713	0.064565	0.009719	-0.081765	0.012838	-0.048154
	-0.005090	0.024938	0.033819	-0.059475	-0.013389	-0.031831
	-0.051634					

z195	0.015459	0.015436	0.001260	-0.004406	-0.016017	-0.016954
	-0.025968	0.005284	0.007560	0.058241	-0.038917	-0.015633
	-0.000979	-0.032035	0.082111	0.032641	-0.042081	0.020345
	0.042548	-0.026091	0.024519	0.035096	-0.006477	-0.022034
	-0.007756	0.024849	0.025176	0.020076	-0.008890	-0.041485
	-0.007137					
x196	0.032300	-0.018534	0.035317	0.060538	0.035689	0.002371
	0.077819	-0.088855	-0.074470	-0.056928	0.086697	0.120561
	-0.052456	-0.038222	-0.106040	0.010492	0.029340	-0.049741
	-0.026222	0.107514	-0.003964	-0.110627	-0.031914	-0.013350
	0.018675	-0.006726	-0.037560	-0.078246	0.028332	0.021859
	0.036715					
y196	0.035647	0.024093	-0.114019	-0.048172	-0.065506	0.084772
	-0.115741	-0.043270	-0.017215	0.045108	0.043201	-0.084325
	0.021387	0.033799	-0.124245	-0.033594	-0.048725	0.030392
	0.007646	0.012773	-0.002981	-0.019490	0.024550	-0.036220
	-0.018486	-0.003098	0.046201	-0.045310	-0.059520	0.006069
	-0.002562					
z196	0.031841	-0.022611	0.077204	0.058606	0.041075	0.027750
	0.098708	0.035833	-0.000125	0.079838	-0.021296	0.003883
	0.040649	-0.003575	-0.058842	-0.036712	-0.005948	-0.070996
	-0.046109	-0.025014	0.001715	0.014137	-0.022377	-0.023308
	0.037740	0.000303	0.039805	0.069756	-0.065337	-0.023109
	0.087647					
x197	0.060939	-0.060882	0.131830	-0.055999	-0.193321	0.069623
	0.055322	-0.286492	-0.040475	-0.107030	-0.114231	-0.148998
	0.021677	0.011543	0.083112	-0.062324	0.065170	0.023873
	0.050673	-0.053736	-0.005275	-0.063584	0.024998	-0.119115
	0.008273	-0.028840	0.088028	-0.074862	0.015785	0.017087
	-0.090941					
y197	-0.110130	0.094239	0.040398	-0.001218	0.115005	-0.058744
	0.011212	0.020025	0.076979	-0.053140	0.120320	0.154736
	-0.272858	0.179068	0.038875	-0.033098	-0.014105	0.057288
	0.037140	0.072374	-0.054458	-0.148148	-0.044353	-0.097111
	-0.038283	-0.101629	0.034512	0.000559	0.022566	-0.054082
	0.083446					
z197	-0.157926	0.015531	-0.023957	0.068737	0.072403	0.030798
	0.099924	-0.081563	-0.142192	0.160257	-0.097586	0.004618
	-0.101460	-0.044114	-0.106637	0.018033	-0.099723	0.114367
	0.074673	-0.005609	-0.002780	-0.033791	-0.115285	0.031586
	0.179880	-0.037262	-0.006456	0.028423	0.161586	0.024376
	-0.109385					

x198	0.024459	-0.038667	0.027339	-0.056126	-0.146655	0.045301
	0.039971	-0.148214	-0.085465	-0.107296	-0.128292	-0.134537
	0.037810	-0.092291	-0.016116	-0.076819	0.064114	-0.026677
	-0.025041	0.049546	-0.024791	-0.029377	0.058261	-0.020816
	-0.010918	0.023980	0.011243	-0.064880	0.056415	0.006428
	0.043954					
y198	-0.030163	0.060642	0.041450	-0.012393	0.040906	-0.092593
	-0.024218	0.006039	-0.000535	0.060153	-0.059540	0.020584
	0.003252	0.033260	0.003215	-0.026299	-0.022483	0.067663
	-0.031163	0.061281	0.051502	-0.121583	0.070829	0.072279
	-0.031058	-0.058086	0.082692	-0.087312	-0.080931	0.000600
	0.012163					
z198	-0.012666	0.025020	0.010975	-0.011657	0.037303	-0.028999
	0.009900	0.041055	0.044930	0.022594	-0.034028	-0.088399
	0.072267	0.083756	0.044694	-0.017963	0.102162	0.055611
	0.081207	0.041043	0.063669	-0.104968	-0.106364	0.030317
	-0.005405	-0.150470	0.052467	-0.015183	-0.027870	-0.026725
	0.055946					
x199	-0.013318	-0.033539	0.002376	-0.048944	-0.047744	-0.032706
	0.016060	-0.092432	-0.095002	-0.020654	-0.094315	-0.035458
	0.021730	-0.103466	0.005856	-0.093507	-0.025498	-0.058267
	-0.012195	0.131185	0.054040	-0.014494	-0.117834	0.017090
	0.010643	-0.118161	0.022239	0.025260	-0.013059	-0.046411
	-0.026258					
y199	-0.027961	0.049369	0.041813	-0.005980	0.038569	-0.065560
	0.005179	0.029852	0.029701	0.034645	0.011503	0.048389
	-0.059143	0.081932	0.017190	-0.001204	-0.010963	0.061136
	-0.017486	-0.036148	0.016843	-0.074355	0.010914	0.038517
	-0.028352	0.104294	0.039832	-0.012974	-0.061819	-0.032540
	-0.026578					
z199	-0.022184	0.027112	0.009444	0.002520	0.023629	-0.063179
	0.051866	0.046359	-0.011762	0.081771	0.025327	-0.036744
	-0.003193	0.113334	0.065487	-0.001333	0.031356	0.098507
	0.003865	0.052505	0.041603	-0.027332	-0.115326	0.012327
	-0.016328	-0.015573	0.047292	-0.004654	0.001296	-0.022424
	-0.026615					
x200	0.000841	-0.012521	0.010470	-0.013453	-0.001563	0.003731
	0.039126	-0.051725	-0.043110	0.004230	0.002741	-0.017295
	0.019858	0.005226	-0.002631	0.030788	-0.041734	0.023822
	-0.026568	0.028811	0.023592	-0.055371	-0.026291	0.009461
	-0.040683	0.050077	-0.038710	-0.037655	-0.026335	-0.060281
	-0.017995					

y200	-0.029506	0.061199	0.022638	0.003446	0.063097	-0.058887
	0.038822	0.052887	0.063839	0.039147	0.052331	0.050576
	-0.043990	0.122793	0.007590	0.025575	-0.004367	0.056708
	-0.055942	-0.046386	-0.014465	-0.028267	0.021370	0.004439
	-0.069571	0.134789	0.034754	-0.036592	-0.000281	-0.003930
	-0.000083					
z200	0.003726	0.032918	0.013674	0.011163	0.017561	-0.014798
	0.032949	0.006215	-0.013353	0.043734	0.010833	-0.087796
	0.018132	0.172568	0.064168	0.003340	0.052131	0.090816
	0.028060	0.009961	-0.004575	-0.086657	-0.048633	-0.054181
	-0.047545	0.057594	0.060786	0.009941	-0.053495	-0.023991
	-0.079704					
x201	0.007181	0.009717	0.010476	-0.002595	0.001168	0.022422
	0.070947	0.002635	0.031055	-0.044948	-0.017996	-0.051788
	0.069643	0.107185	0.081918	-0.008652	-0.009984	0.019428
	-0.035204	-0.001541	0.008189	-0.040544	-0.062531	-0.062592
	-0.012797	0.056678	-0.008735	-0.052726	0.032676	-0.041354
	-0.006579					
y201	-0.029621	0.049153	0.022828	-0.015618	0.029107	-0.087216
	0.014336	0.033560	0.038633	0.020020	0.023906	0.053016
	-0.069311	0.104755	0.002216	0.030232	-0.002306	0.024660
	-0.014272	-0.021918	0.012362	-0.029100	0.052387	0.014752
	-0.071812	0.089888	0.034111	-0.027726	-0.002463	0.022967
	0.014670					
z201	-0.011362	0.005313	0.027001	-0.010773	-0.005139	-0.048269
	-0.016621	-0.041149	-0.089741	0.051723	-0.020764	0.003748
	-0.089718	0.087302	0.038324	0.025901	0.016691	-0.025533
	0.019231	0.070573	0.019941	-0.001443	-0.052819	0.014992
	-0.109324	-0.073200	0.022973	0.049843	0.010331	-0.000465
	-0.011632					
x202	0.004959	0.004739	0.002293	-0.014657	-0.015201	-0.004890
	0.029165	-0.007129	-0.010783	-0.059653	-0.018466	0.000551
	-0.008919	0.071358	0.047394	-0.048733	-0.003027	-0.032369
	0.018349	0.026451	0.007265	-0.008606	-0.038298	-0.015570
	-0.030665	0.003799	-0.001518	0.027544	0.040225	-0.011042
	0.010190					
y202	-0.033821	0.044469	0.020976	-0.012481	0.054047	-0.061316
	0.005187	0.010984	0.068331	-0.002205	-0.010043	0.032347
	-0.035235	0.107641	0.011323	-0.016498	0.031119	0.054044
	-0.006244	-0.021580	0.014964	-0.070744	0.033704	-0.034884
	-0.017683	0.047430	0.001502	-0.023868	-0.020762	0.043063
	-0.001806					

z202	-0.022238	0.009983	0.027470	-0.012265	0.021971	-0.041909
	0.009137	-0.045105	-0.060317	0.033131	-0.049583	-0.019857
	-0.015268	0.099400	0.057759	0.014347	-0.003661	-0.006402
	-0.020855	0.081430	0.001464	-0.007849	-0.040467	-0.052199
	-0.054692	-0.031148	0.024271	0.029606	0.034657	0.010292
	-0.012531					
x203	-0.020758	-0.005599	0.009485	-0.017445	0.022121	-0.004431
	0.018787	-0.029378	-0.013625	0.001360	-0.007735	0.016157
	-0.005678	0.014376	-0.001046	-0.017067	0.001626	0.010924
	-0.013876	0.021181	0.012166	0.000410	-0.020333	-0.000541
	-0.007146	-0.001712	-0.015193	0.037500	0.026650	0.014803
	0.015943					
y203	-0.034837	0.033074	0.012726	-0.007742	0.052272	-0.053795
	0.011240	0.016734	0.069310	-0.010281	-0.014704	0.052345
	-0.037952	0.099559	0.000495	-0.026568	0.029066	0.023755
	-0.019463	-0.015483	0.000175	-0.050609	0.021149	-0.019847
	-0.014432	0.043535	-0.003012	-0.018737	-0.022941	0.046082
	-0.023650					
z203	-0.028033	0.013918	0.032838	-0.009151	0.034878	-0.038202
	0.012355	-0.035702	-0.053483	0.028730	-0.042303	0.000752
	-0.029482	0.096981	0.048001	0.015679	0.010571	-0.023782
	-0.066355	0.088201	0.002844	0.013111	-0.008058	-0.048219
	-0.053889	-0.000114	0.015720	0.043977	0.044875	0.027513
	0.011538					
x204	-0.024962	-0.008539	0.012160	-0.017692	0.036184	0.005925
	0.022246	-0.048912	0.011495	0.014550	-0.012473	-0.033481
	0.031765	0.015169	-0.005504	-0.007739	0.008051	0.039610
	-0.022902	-0.022024	0.014634	-0.028071	-0.001936	-0.026294
	0.034324	0.012148	-0.020423	0.011019	-0.001508	0.044160
	0.003314					
y204	-0.042398	0.012881	0.001544	-0.016830	0.041667	-0.061785
	0.010076	0.018876	0.041132	-0.006803	-0.016587	0.087964
	-0.060894	0.060096	-0.027572	-0.005563	0.016782	-0.022011
	-0.017992	0.016795	-0.000640	-0.009521	0.018851	0.012749
	-0.029991	0.015780	0.009609	-0.014686	-0.006173	0.061378
	-0.022046					
z204	-0.043587	0.009876	0.039352	-0.020663	0.056853	-0.019712
	0.004772	-0.050345	-0.044672	0.050640	-0.043784	0.007362
	-0.020782	0.060608	0.031704	0.031953	0.015942	-0.017950
	-0.081808	0.067132	0.029482	0.016617	0.006869	-0.044273
	-0.025179	-0.002904	0.004576	0.048300	0.044289	0.032204
	0.012937					

x205	-0.007722	0.000489	-0.000535	-0.015600	-0.001891	-0.018183
	0.019099	-0.011501	0.002517	-0.019475	0.004242	-0.011145
	-0.006123	0.046638	0.004108	0.003472	0.010199	-0.014993
	-0.021183	0.018305	-0.002814	0.000144	0.015184	-0.019155
	-0.023295	0.017835	0.010197	0.007389	-0.010237	0.025343
	0.010773					
y205	-0.046473	-0.008433	-0.001730	-0.026862	0.044245	-0.047121
	0.017063	0.001234	0.034515	-0.014848	-0.031216	0.075356
	-0.031619	0.027910	-0.048524	-0.008478	0.012837	-0.028344
	-0.011090	0.005315	0.010602	0.006196	-0.001118	0.007605
	-0.006539	-0.002998	0.014346	-0.041712	0.004102	0.089326
	-0.030015					
z205	-0.058603	0.001554	0.044002	-0.035422	0.088906	0.016272
	-0.001761	-0.083041	-0.020675	0.085683	-0.060544	-0.003284
	0.029536	0.010048	0.018698	0.043338	0.011563	0.043550
	-0.070785	0.026779	0.035879	-0.001230	-0.012284	-0.065037
	0.025556	-0.024351	-0.014080	0.025226	0.037290	0.045433
	0.035681					
x206	-0.005114	0.002135	-0.002472	-0.010957	-0.004246	-0.004012
	0.009969	-0.007153	-0.001303	-0.014645	0.005472	-0.012515
	0.000179	0.028628	-0.001938	0.005872	0.003673	0.006567
	-0.002969	0.010026	-0.008938	0.005754	0.015600	-0.011988
	-0.019648	0.000097	0.010069	0.007367	-0.007528	0.015334
	0.008537					
y206	-0.046476	-0.029985	0.004583	-0.024784	0.036491	-0.040588
	0.025404	-0.009478	0.029208	-0.047541	-0.036778	0.047066
	-0.011431	0.017817	-0.060341	-0.018592	0.002464	-0.063788
	-0.010072	0.006793	0.010311	0.033927	-0.027691	-0.005966
	0.010510	-0.004267	0.033679	-0.067547	0.034563	0.096359
	-0.018494					
z206	-0.049430	0.003262	0.034238	-0.039622	0.078456	0.028403
	0.004604	-0.081204	-0.011220	0.069324	-0.060791	-0.006488
	0.055128	0.008054	0.005191	0.036674	0.000623	0.027818
	-0.040009	-0.009599	0.026619	-0.007504	-0.019427	-0.059500
	0.020429	-0.022539	-0.001260	-0.009930	0.040166	0.048600
	0.029504					
x207	0.008147	0.006650	-0.000312	-0.002860	-0.014863	0.006525
	0.003349	-0.001274	-0.011376	-0.004746	0.007159	-0.012176
	-0.000778	0.014657	0.012832	0.005756	-0.005490	0.009893
	0.003915	-0.004254	-0.013291	-0.001770	0.004691	0.009146
	-0.014789	0.002971	-0.012363	0.010888	-0.019259	0.006498
	0.005219					

y207	-0.046163	-0.041727	0.007314	-0.011549	0.025816	-0.028628
	0.016002	-0.013887	0.031932	-0.056976	-0.021110	0.018366
	-0.000555	0.003384	-0.062947	-0.048594	0.014327	-0.052480
	-0.013627	-0.007550	0.013754	0.019304	-0.027160	0.004354
	0.017380	-0.018643	0.069694	-0.059248	0.045902	0.058349
	-0.004816					
z207	-0.052065	0.004422	0.020041	-0.043551	0.071157	0.030291
	0.006177	-0.075125	-0.000354	0.057874	-0.053185	-0.004780
	0.072684	0.001567	-0.002491	0.046613	-0.008493	0.021850
	-0.022893	-0.024013	0.006174	-0.005149	-0.009154	-0.040574
	0.017522	-0.025017	0.033241	-0.043211	0.041139	0.042012
	-0.005215					
x208	0.018531	0.015786	-0.000159	-0.000891	-0.022618	0.004229
	0.002132	0.008095	-0.017854	-0.003083	0.003492	-0.013455
	-0.005227	0.016389	0.027818	0.016732	-0.012226	0.000390
	0.004328	0.002123	-0.015688	-0.000808	0.007784	0.009507
	-0.016737	0.004335	-0.019934	0.012250	-0.019735	-0.005128
	0.009002					
y208	-0.045437	-0.049740	0.002659	-0.006695	0.017326	-0.023040
	0.010063	-0.014936	0.031595	-0.058254	-0.010125	0.009969
	0.005568	0.002702	-0.061177	-0.056550	0.022042	-0.039421
	-0.009116	-0.013343	0.026433	0.014869	-0.022916	0.002893
	0.010511	-0.021687	0.081059	-0.052865	0.041108	0.038738
	-0.003427					
z208	-0.058069	0.012789	0.007003	-0.048516	0.056030	0.029854
	0.007890	-0.063139	0.016351	0.047624	-0.037066	0.004634
	0.072030	-0.007083	-0.012080	0.053986	-0.015045	0.021592
	-0.011192	-0.009455	0.006792	-0.000500	0.013711	-0.036252
	0.018413	-0.028362	0.035261	-0.039719	0.041750	0.026860
	0.005301					
x209	0.023618	0.027553	-0.003750	-0.002983	-0.024824	0.004067
	0.001902	0.011374	-0.019964	0.005232	-0.007876	-0.015153
	-0.007912	0.015286	0.038340	0.029728	-0.017138	-0.007737
	-0.001477	0.001290	-0.015185	0.014414	0.013253	0.003100
	-0.029485	0.002136	-0.023698	0.010769	-0.013583	-0.007475
	0.002744					
y209	-0.042864	-0.053693	0.001048	-0.003012	0.010961	-0.021287
	0.007004	-0.012593	0.027217	-0.054868	0.000573	0.005566
	0.010954	0.004863	-0.047166	-0.050579	0.027783	-0.033090
	-0.003350	0.004961	0.042669	0.004068	-0.013421	0.003423
	0.008238	-0.017510	0.078668	-0.041925	0.028092	0.013490
	0.005699					

z209	-0.061081	0.017261	-0.008757	-0.044525	0.039539	0.023270
	0.003376	-0.059616	0.024078	0.036927	-0.030084	0.008456
	0.058284	0.003041	-0.019268	0.054635	-0.025757	0.000988
	-0.009119	-0.016526	-0.004960	0.020611	0.024293	-0.018317
	-0.002919	-0.037923	0.051095	-0.040700	0.039154	0.018966
	-0.014831					
x210	0.029077	0.038335	-0.004405	-0.004964	-0.023152	0.011154
	0.001757	0.013278	-0.022750	0.017739	-0.014459	-0.014099
	-0.011277	0.001520	0.038472	0.035878	-0.016673	-0.007620
	-0.012155	0.001962	-0.013831	0.005819	0.016491	-0.002433
	-0.031257	-0.009081	-0.025461	0.011331	-0.014770	-0.002552
	-0.001233					
y210	-0.038058	-0.056059	0.001202	0.001406	0.012851	-0.027058
	0.002515	-0.011610	0.021541	-0.044993	0.007251	0.008560
	0.018164	0.011617	-0.022321	-0.046247	0.021951	-0.023160
	0.013531	0.016437	0.051091	-0.003336	-0.006803	0.010831
	0.016131	-0.000695	0.069097	-0.024158	0.021027	-0.011800
	0.017634					
z210	-0.068849	0.025979	-0.013133	-0.042213	0.019723	0.026932
	-0.006324	-0.054888	0.029053	0.026414	-0.016057	0.011744
	0.037312	0.005981	-0.019665	0.056768	-0.020305	-0.008587
	0.007754	-0.008605	0.025320	0.040528	0.018187	-0.014980
	-0.016715	-0.025383	0.049805	-0.013356	0.045343	0.021148
	-0.019764					
x211	0.034388	0.049663	-0.006647	-0.006454	-0.024256	0.017302
	0.000494	0.014905	-0.020334	0.019689	-0.019498	-0.012135
	-0.015085	-0.008738	0.021670	0.031695	-0.017679	-0.003692
	-0.024190	-0.015108	-0.025953	0.008108	0.004155	-0.013892
	-0.034921	-0.022868	-0.027468	0.002283	-0.001501	0.008364
	-0.006970					
y211	-0.029565	-0.052828	0.001856	0.005517	0.010504	-0.025986
	-0.000527	-0.014179	0.012948	-0.028726	0.012023	0.007582
	0.008933	0.015858	-0.003707	-0.034655	0.015455	-0.021445
	0.030442	0.020993	0.047859	-0.010299	0.000153	0.011131
	0.024434	0.020250	0.051066	0.000960	0.011105	-0.026798
	0.014471					
z211	-0.070054	0.027916	-0.015511	-0.047406	0.018457	0.015016
	-0.008694	-0.050462	0.031458	0.012420	0.003660	0.020161
	0.031285	0.015623	-0.021545	0.050414	-0.009604	-0.010997
	0.008623	-0.016290	0.029187	0.038180	0.012152	-0.010376
	-0.008116	-0.028874	0.041238	-0.014678	0.049128	0.018440
	-0.001432					

x212	0.033872	0.062149	-0.010828	-0.010397	-0.027477	0.029783
	0.004450	0.019435	-0.016044	0.014201	-0.027747	-0.012915
	-0.020264	-0.022557	-0.000962	0.031265	-0.010436	-0.006095
	-0.038193	-0.028735	-0.032068	0.006976	0.004567	-0.028874
	-0.031762	-0.038780	-0.017814	-0.002930	0.013896	0.024183
	-0.015154					
y212	-0.018646	-0.046074	0.001785	0.006804	0.009425	-0.027041
	-0.001183	-0.017361	0.006262	-0.012765	0.016363	0.010088
	-0.001268	0.017391	0.006871	-0.019363	0.011557	-0.016845
	0.040797	0.015484	0.038419	-0.013402	-0.003373	0.004556
	0.033448	0.032816	0.025321	0.018263	0.007540	-0.033874
	0.009681					
z212	-0.071473	0.035026	-0.021424	-0.048898	0.012163	0.016345
	-0.008204	-0.041939	0.026314	0.003956	0.003959	0.012836
	0.017996	0.011142	-0.029030	0.048427	-0.004191	-0.027817
	0.012095	0.000922	0.030138	0.029623	0.032927	0.006711
	-0.008789	-0.020969	0.049285	-0.006635	0.028475	0.012197
	-0.004849					
x213	0.030126	0.070259	-0.011753	-0.012281	-0.025009	0.035804
	0.005604	0.027430	-0.012327	0.005094	-0.034847	-0.010877
	-0.010278	-0.021805	-0.019636	0.022155	-0.012481	-0.008339
	-0.054807	-0.027795	-0.028536	0.002958	0.001268	-0.037295
	-0.042302	-0.060791	-0.003265	-0.018604	0.023339	0.033313
	-0.016754					
y213	-0.007461	-0.036359	0.000804	0.006864	0.010112	-0.026710
	-0.001796	-0.020698	-0.000282	0.002207	0.013666	0.010446
	-0.001251	0.017258	0.000499	-0.009947	0.006411	-0.008831
	0.038606	0.016106	0.021104	-0.012296	-0.002202	-0.000176
	0.024531	0.031744	0.013133	0.017184	-0.004268	-0.034879
	-0.005684					
z213	-0.068486	0.038321	-0.020192	-0.047625	0.018933	0.004365
	-0.011264	-0.036015	0.017020	0.006723	0.008490	0.004768
	0.024495	0.017900	-0.018279	0.041204	-0.017124	-0.043479
	0.008506	0.023673	0.029483	0.022048	0.020171	0.014205
	-0.005806	-0.014166	0.048705	-0.021160	0.017552	-0.008461
	0.010129					
x214	0.019229	0.074467	-0.011909	-0.010513	-0.025777	0.039113
	0.005562	0.039402	-0.008947	-0.007316	-0.038889	-0.006506
	-0.007697	-0.019335	-0.015768	0.018185	-0.012542	-0.017795
	-0.056223	-0.028462	-0.009523	0.001409	0.005795	-0.033344
	-0.044754	-0.071805	0.013121	-0.029277	0.045303	0.035482
	-0.003341					

y214	0.002799	-0.025455	0.000013	0.003486	0.008308	-0.019302
	0.001411	-0.022137	-0.000823	0.012948	0.013198	0.005233
	0.001407	0.018202	-0.008815	-0.003354	0.002082	-0.002938
	0.025163	0.025470	0.000543	-0.009064	-0.000362	-0.006588
	0.002486	0.015097	0.005255	0.005856	-0.017216	-0.032265
	-0.015772					
z214	-0.071119	0.042262	-0.024511	-0.044977	0.017581	-0.013768
	-0.008397	-0.028673	0.002799	0.002921	0.017520	-0.001690
	0.013653	0.011402	-0.004945	0.039940	-0.019241	-0.058534
	0.028554	0.016849	0.026016	0.019156	0.017338	0.014945
	0.021996	0.007274	0.058079	-0.023091	0.025197	-0.035857
	0.009428					
x215	0.006137	0.073686	-0.013578	0.001957	-0.020571	0.043745
	-0.003202	0.065575	-0.014194	-0.024903	-0.043600	0.007039
	-0.013401	-0.004228	-0.000073	0.013575	-0.014108	-0.022914
	-0.052892	-0.031139	0.013658	-0.005224	0.009007	-0.027389
	-0.043514	-0.079871	0.009920	-0.016005	0.073958	0.040119
	0.013999					
y215	0.007714	-0.006927	-0.000669	-0.000346	0.005830	-0.014104
	0.000653	-0.012732	0.004374	0.008530	0.004632	0.009164
	0.006357	0.012237	-0.006070	-0.010264	0.007363	-0.000127
	0.001114	0.011413	-0.000855	0.003993	0.001555	-0.010585
	-0.003171	0.006657	0.000718	0.004124	-0.011579	-0.018131
	-0.008049					
z215	-0.067168	0.047013	-0.029909	-0.035240	0.018045	-0.019645
	-0.000514	-0.007939	-0.012399	-0.016931	0.024574	-0.003539
	-0.002273	0.004760	-0.000863	0.013799	-0.020239	-0.051420
	0.031534	0.015357	0.008181	0.003005	0.009742	0.001927
	0.025418	0.005510	0.063639	-0.020169	0.011948	-0.040144
	-0.012226					
x216	-0.000751	0.072466	-0.016078	0.016748	-0.013526	0.034629
	-0.011680	0.060823	-0.021819	-0.029349	-0.048658	0.000727
	-0.007956	0.000762	-0.005769	0.005901	0.003008	-0.026751
	-0.046558	-0.026773	0.006228	-0.013326	-0.006977	-0.012460
	-0.053972	-0.060660	0.010906	-0.009409	0.067818	0.043866
	0.040328					
y216	0.005882	0.014321	-0.002592	0.003465	0.001677	-0.001783
	-0.008242	0.009494	0.003921	-0.002887	-0.015185	0.008590
	0.000738	0.007920	0.000471	-0.016959	0.017249	-0.004536
	-0.030429	-0.002879	-0.004706	0.009810	0.003204	-0.005289
	-0.016509	-0.017785	-0.011300	0.000026	0.004356	-0.010108
	-0.006886					

z216	-0.062111	0.050254	-0.028565	-0.027327	0.018488	-0.022567
	0.000806	0.001892	-0.025049	-0.013191	0.026597	-0.001309
	-0.006966	0.008998	0.004395	-0.010916	0.003275	-0.056224
	0.015804	0.020028	0.024061	0.000097	-0.001771	-0.027623
	0.035413	0.039452	0.048852	-0.029916	0.036020	-0.051587
	0.022776					
x217	-0.003065	0.072239	-0.013537	0.018862	-0.005663	0.029891
	-0.020162	0.048883	-0.020811	-0.031530	-0.059166	0.011531
	-0.000309	0.005090	-0.012764	-0.004522	0.014449	-0.031085
	-0.041272	-0.029245	0.006676	-0.009395	-0.016533	-0.012211
	-0.055053	-0.039583	0.013571	-0.008163	0.047881	0.073120
	0.049063					
y217	0.004541	0.022238	-0.005892	0.007137	0.001393	0.001364
	-0.012861	0.018285	0.007901	-0.007532	-0.028982	0.011257
	-0.002342	0.006630	-0.000115	-0.014286	0.015543	0.001999
	-0.024674	-0.000400	-0.025092	0.016570	-0.007795	-0.002964
	-0.034079	-0.022603	-0.014518	-0.006471	0.010400	0.024247
	0.015344					
z217	-0.052873	0.047151	-0.031221	-0.020042	0.020404	-0.019541
	0.003575	0.005161	-0.024954	-0.014837	0.024629	0.006584
	-0.020538	-0.005428	0.002831	-0.021776	0.009114	-0.053572
	0.011133	0.027937	0.013611	-0.004921	0.014122	-0.049167
	0.047588	0.051824	0.051022	-0.018869	0.015123	0.007686
	0.029550					
x218	-0.005015	0.067523	-0.011307	0.016206	0.002494	0.030417
	-0.027972	0.041388	-0.015790	-0.031042	-0.062712	0.015402
	0.003320	0.006915	-0.013454	-0.006589	0.023292	-0.035646
	-0.042100	-0.023193	0.003049	-0.006393	-0.024613	-0.011070
	-0.047396	-0.029849	-0.000247	-0.015077	0.021622	0.063964
	0.041183					
y218	0.002580	0.031223	-0.006816	0.010162	0.002434	0.007580
	-0.015038	0.024185	0.004436	-0.008318	-0.040614	0.010370
	-0.002438	0.006258	-0.008263	-0.009822	0.014087	-0.005516
	-0.026748	-0.003493	-0.018033	0.006509	-0.010122	-0.003094
	-0.031357	-0.015638	-0.008729	-0.005164	0.016442	0.041862
	0.035999					
z218	-0.041607	0.040498	-0.029365	-0.012926	0.026292	-0.029589
	-0.004492	0.008136	-0.028604	-0.017714	0.030766	0.014956
	-0.015039	-0.010295	0.008353	-0.031295	0.016471	-0.038065
	0.018624	0.023512	-0.014496	0.003228	0.007610	-0.055195
	0.018619	0.054752	0.037053	-0.025334	0.016580	-0.002657
	0.013762					

x219	-0.006150	0.058620	-0.009702	0.012641	0.010030	0.029361
	-0.032012	0.038520	-0.009898	-0.029606	-0.059879	0.020716
	0.003909	0.012733	-0.013826	-0.008661	0.020455	-0.027936
	-0.040696	-0.015718	0.005293	-0.002430	-0.026385	-0.008452
	-0.036479	-0.021761	-0.005505	-0.006679	-0.008044	0.049357
	0.023501					
y219	-0.001310	0.039038	-0.005159	0.008716	0.004136	0.013692
	-0.018657	0.025298	-0.001001	-0.008336	-0.050417	0.004094
	0.003587	0.005747	-0.020295	-0.000365	0.011329	-0.017909
	-0.035069	-0.006515	-0.005086	-0.003456	-0.018567	-0.006707
	-0.021356	-0.008472	-0.006933	-0.011876	0.015340	0.039490
	0.039535					
z219	-0.034202	0.037094	-0.026480	-0.004451	0.027622	-0.045719
	-0.003552	0.006046	-0.035424	-0.021083	0.044563	0.018487
	-0.004535	-0.015624	0.004945	-0.032369	0.011187	-0.013773
	0.028579	0.020132	-0.024083	0.018131	-0.006995	-0.058595
	-0.002287	0.052200	0.044509	-0.015433	-0.001023	-0.006001
	-0.012626					
x220	-0.005602	0.046834	-0.009921	0.005578	0.014518	0.020686
	-0.032026	0.028976	-0.012448	-0.024040	-0.051558	0.020759
	0.003503	0.017990	-0.012855	-0.005254	0.009156	-0.024383
	-0.030245	-0.012319	0.010193	-0.002428	-0.029950	-0.012580
	-0.027534	-0.008703	-0.002284	-0.010417	-0.024632	0.011402
	0.010556					
y220	-0.004927	0.042112	-0.002822	0.006361	0.012920	0.019472
	-0.028167	0.030972	-0.000170	-0.010607	-0.070649	0.009782
	0.013581	0.006723	-0.027251	-0.008266	0.011362	-0.013084
	-0.042378	-0.009441	0.003912	-0.002855	-0.032305	-0.002125
	-0.021255	-0.007379	-0.017132	-0.006375	-0.005458	0.028951
	0.030063					
z220	-0.023379	0.037014	-0.026672	-0.000991	0.018324	-0.049744
	0.001840	0.004097	-0.050522	-0.020736	0.048078	0.010251
	0.000434	-0.033615	0.008011	-0.039689	0.006918	-0.010238
	0.041197	0.015695	-0.025248	0.011533	0.001156	-0.066433
	-0.003230	0.058875	0.045442	-0.012514	-0.020819	-0.036483
	-0.018253					
x221	-0.005377	0.031993	-0.007233	-0.002673	0.015985	0.012005
	-0.026888	0.016104	-0.009327	-0.023107	-0.043853	0.021993
	0.008994	0.017552	-0.014216	-0.011444	0.004842	-0.013963
	-0.017879	-0.004030	0.003137	0.002889	-0.040423	-0.026876
	-0.026499	0.004453	0.004425	-0.014976	-0.030007	-0.001407
	0.000144					

y221	-0.008930	0.043389	0.000575	0.001631	0.018619	0.030561
	-0.033590	0.037172	0.001669	-0.012007	-0.084338	0.016122
	0.011241	0.010181	-0.029987	-0.005820	0.016589	-0.014447
	-0.048261	-0.000294	0.020076	-0.005190	-0.040648	-0.000408
	-0.007520	-0.002446	-0.015143	0.006989	-0.014263	0.018627
	0.024647					
z221	-0.015413	0.030055	-0.021097	-0.003550	0.018642	-0.048604
	-0.006198	-0.002954	-0.047505	-0.018737	0.046479	0.015748
	0.024943	-0.042978	0.009583	-0.044668	0.020547	-0.004747
	0.029178	0.006963	-0.027173	0.033278	-0.006108	-0.078774
	0.000730	0.058532	0.024546	-0.008206	-0.020581	-0.020542
	-0.014726					
x222	-0.004619	0.021691	-0.004903	-0.004294	0.012687	0.007542
	-0.017786	0.012069	-0.005056	-0.023597	-0.032074	0.021849
	0.003811	0.008277	-0.011070	-0.015355	0.005738	-0.005083
	-0.009936	0.005397	-0.005396	0.000239	-0.037768	-0.033782
	-0.021503	0.008707	0.012982	-0.003715	-0.035236	-0.004134
	-0.006485					
y222	-0.014841	0.038961	0.003941	-0.003910	0.026708	0.027876
	-0.038026	0.036614	0.001376	-0.015516	-0.089493	0.023825
	0.014914	0.019994	-0.035676	-0.006403	0.015514	0.000297
	-0.044579	0.002334	0.033787	-0.009775	-0.054264	0.000551
	-0.014713	0.006303	-0.005783	0.007612	-0.021638	-0.008514
	0.011976					
z222	-0.009232	0.022616	-0.020049	-0.006687	0.018053	-0.054138
	-0.019958	0.001128	-0.054614	-0.017521	0.043574	0.030605
	0.043519	-0.033204	0.004957	-0.042289	0.026433	0.007439
	0.016646	-0.006367	-0.021898	0.033669	-0.022653	-0.062978
	-0.018572	0.054849	0.011158	-0.003770	-0.017202	-0.025523
	-0.018230					
x223	-0.004924	0.016283	-0.003405	-0.007686	0.008388	0.003730
	-0.010721	0.004037	-0.007439	-0.019134	-0.018542	0.017181
	-0.000296	0.002365	-0.012652	-0.013869	0.012616	-0.004140
	-0.003109	0.011061	0.004274	-0.002134	-0.027171	-0.032201
	-0.012171	0.011783	0.022334	0.010546	-0.022470	-0.013647
	-0.004459					
y223	-0.020588	0.034094	0.010656	-0.008169	0.030009	0.024690
	-0.033978	0.031365	0.005664	-0.022793	-0.089625	0.030990
	0.010832	0.024573	-0.039067	-0.010976	0.012135	0.019181
	-0.033188	0.008646	0.041207	-0.014515	-0.056267	-0.009832
	-0.024444	0.015279	0.020909	0.021409	-0.019147	-0.012550
	-0.001453					

z223	-0.006890	0.022447	-0.016218	-0.018618	0.008688	-0.032901
	-0.025226	-0.000088	-0.056127	-0.013025	0.041754	0.022454
	0.035328	-0.022174	0.003629	-0.025099	0.033504	-0.006560
	0.001955	0.001256	0.001731	0.025808	-0.021425	-0.062743
	0.007502	0.050884	0.029680	0.016040	-0.015822	-0.022602
	-0.025705					
x224	0.000506	0.009168	-0.005291	-0.009965	0.004628	-0.009414
	-0.008334	0.000203	-0.013372	-0.016347	-0.002048	0.016494
	0.013415	0.005166	-0.008921	-0.021457	0.020625	0.000801
	0.003921	0.002714	0.009952	0.006864	-0.018267	-0.013484
	-0.015137	0.009789	0.008984	0.002809	-0.004288	-0.034907
	-0.002945					
y224	-0.028058	0.031228	0.020306	-0.010449	0.032088	0.020643
	-0.028577	0.022385	0.012014	-0.032510	-0.082730	0.036239
	0.010857	0.017368	-0.032971	-0.022818	0.018961	0.033979
	-0.019844	0.015954	0.039374	-0.020854	-0.052846	-0.008158
	-0.034257	0.021427	0.035533	0.018738	-0.010144	-0.039286
	-0.007958					
z224	-0.005913	0.016534	-0.018587	-0.023067	0.010963	-0.022949
	-0.030872	-0.002229	-0.044326	-0.013715	0.031663	0.013443
	0.046444	-0.015756	0.006452	-0.015574	0.028120	-0.001288
	-0.011606	0.003581	-0.001230	0.028079	-0.035412	-0.052036
	0.013852	0.039703	0.019786	0.013023	-0.009434	-0.029359
	-0.018841					
x225	0.006517	0.007738	-0.011025	-0.009918	-0.004713	-0.015188
	-0.005195	0.000820	-0.016625	-0.016119	0.012582	0.009586
	0.018314	0.006021	-0.002958	-0.022021	0.021676	-0.007809
	0.005531	0.008837	0.008077	0.007744	-0.011755	-0.010315
	-0.011642	0.006922	-0.001954	0.008794	-0.003890	-0.026312
	-0.002008					
y225	-0.031394	0.023745	0.023493	-0.013345	0.033667	0.021390
	-0.026896	0.010118	0.019048	-0.029630	-0.077174	0.038030
	0.014999	0.013119	-0.023646	-0.023477	0.026950	0.028731
	-0.014980	0.002700	0.032589	-0.030379	-0.040127	0.001859
	-0.016601	0.016467	0.019230	0.011877	-0.023577	-0.055328
	-0.009246					
z225	-0.008109	0.014557	-0.018359	-0.025143	0.014161	-0.019664
	-0.038353	-0.001489	-0.032887	-0.024542	0.023999	0.017853
	0.066199	-0.004504	0.004917	-0.014575	0.009239	0.009808
	0.010341	0.006858	-0.008077	0.028164	-0.050515	-0.036339
	-0.002177	0.022623	0.004719	0.028352	-0.014785	-0.000337
	-0.021033					

x226	0.008694	0.008005	-0.014828	-0.009892	-0.008392	-0.016272
	-0.001430	0.004529	-0.017154	-0.012411	0.018964	0.002792
	0.017596	0.000377	0.000568	-0.011710	0.011981	-0.013170
	0.000307	0.025209	0.001011	0.000261	-0.002754	-0.013532
	-0.005142	-0.004962	-0.011067	0.009903	-0.001703	-0.018712
	0.001988					
y226	-0.036250	0.020208	0.025770	-0.014164	0.032383	0.021733
	-0.019427	0.003267	0.022372	-0.024767	-0.068650	0.030608
	0.009644	0.003096	-0.021046	-0.024624	0.026884	0.022931
	-0.013516	-0.004459	0.029360	-0.042431	-0.024136	0.000473
	-0.003849	0.015306	0.001804	0.009568	-0.025496	-0.063810
	0.005420					
z226	-0.012177	0.012726	-0.015865	-0.028849	0.011841	-0.014042
	-0.037910	0.002653	-0.025791	-0.032554	0.025092	0.013684
	0.068052	-0.013743	0.004257	-0.003421	-0.005927	-0.001820
	-0.001858	0.031621	-0.011303	-0.003057	-0.029693	-0.026432
	0.005449	0.007866	-0.023747	0.020479	-0.019635	-0.025431
	0.008017					
x227	0.013340	0.007196	-0.019167	-0.009314	-0.013224	-0.020770
	-0.003733	0.006628	-0.015928	-0.010781	0.017567	0.000188
	0.017743	0.002942	0.000902	-0.008153	0.002072	-0.011092
	0.001944	0.020213	-0.010905	0.017148	0.006616	-0.010199
	-0.015457	-0.014569	0.001409	0.022397	-0.003356	0.003966
	-0.012747					
y227	-0.037428	0.015039	0.027925	-0.017154	0.033064	0.020034
	-0.010920	-0.006468	0.024995	-0.020262	-0.056932	0.025046
	0.008176	-0.004547	-0.017698	-0.026362	0.022506	0.018956
	-0.004690	-0.011417	0.024791	-0.038217	-0.002811	0.001194
	0.000313	0.013780	0.003813	0.012251	-0.031342	-0.047877
	0.005306					
z227	-0.016005	0.013296	-0.014948	-0.038775	0.016505	-0.018267
	-0.031027	0.002799	-0.014406	-0.043124	0.021384	0.013368
	0.068880	-0.024038	0.000235	0.002460	-0.006002	0.000879
	-0.003794	0.035940	-0.023658	-0.009679	-0.012474	-0.012562
	0.002900	-0.001593	-0.027840	0.028699	-0.052284	-0.028919
	0.016344					
x228	0.018865	0.005785	-0.024090	-0.008061	-0.017778	-0.022483
	-0.007183	0.009568	-0.018120	-0.009522	0.017047	-0.000019
	0.016030	0.006510	0.000182	-0.008731	-0.005802	-0.010638
	0.002282	0.018478	-0.020443	0.029042	0.003333	-0.005253
	-0.012504	-0.013631	0.006839	0.027658	-0.006399	0.020073
	-0.011547					

y228	-0.035820	0.008355	0.029242	-0.022587	0.032410	0.019810
	-0.004962	-0.015446	0.022515	-0.013384	-0.042068	0.015988
	0.006123	-0.009048	-0.013860	-0.028780	0.009846	0.009950
	0.004863	-0.015728	0.019457	-0.027313	0.021580	0.000927
	0.005583	0.014233	0.004035	0.006732	-0.027571	-0.026407
	0.011656					
z228	-0.017755	0.014079	-0.016193	-0.045613	0.017739	-0.014167
	-0.023631	0.007783	-0.010607	-0.055153	0.003193	0.017290
	0.063695	-0.022981	-0.005651	-0.010603	-0.002049	-0.010639
	-0.003912	0.026139	-0.024821	0.015588	0.007942	-0.013789
	0.009467	-0.006936	-0.007232	0.027361	-0.059203	-0.024064
	-0.012206					
x229	0.025175	0.006493	-0.030010	-0.002590	-0.022124	-0.025948
	-0.010389	0.017022	-0.020449	-0.013809	0.015740	0.000835
	0.015784	0.016433	-0.000076	-0.007877	-0.005768	-0.013978
	-0.003864	0.022116	-0.020838	0.026672	-0.009646	-0.000461
	-0.013031	-0.021684	0.005514	0.024739	-0.004375	0.007445
	-0.020025					
y229	-0.032063	0.002672	0.028561	-0.027456	0.029194	0.018217
	-0.002100	-0.020850	0.017876	-0.005863	-0.024382	0.007684
	0.002500	-0.003234	-0.010237	-0.030195	-0.006135	-0.002265
	0.010424	-0.015852	0.017480	-0.015895	0.033472	0.000252
	0.004348	0.013220	-0.002992	-0.000724	-0.011226	-0.010784
	0.015634					
z229	-0.019835	0.012247	-0.012762	-0.045263	0.021254	-0.009800
	-0.023924	0.013416	-0.009903	-0.061085	-0.005212	0.019743
	0.069172	-0.012112	-0.012589	-0.021632	-0.002894	-0.017227
	-0.007091	0.005854	-0.012994	0.013173	0.012347	-0.006676
	0.004377	-0.016489	0.004558	0.033960	-0.042320	-0.029942
	-0.027221					
x230	0.028245	0.008576	-0.034063	0.000269	-0.025387	-0.032497
	-0.010576	0.023633	-0.023022	-0.017957	0.012595	0.008089
	0.020586	0.017780	-0.006814	0.002075	-0.000071	-0.009126
	-0.005778	0.026830	-0.020105	0.008711	-0.022580	-0.002492
	-0.002040	-0.029014	0.001111	0.042481	-0.003658	-0.011661
	-0.010811					
y230	-0.028953	-0.002521	0.027447	-0.033466	0.030663	0.013742
	0.000931	-0.027867	0.008795	0.003994	-0.007391	-0.000526
	0.005687	-0.003533	-0.008580	-0.031132	-0.017539	-0.009429
	0.012869	-0.003146	0.017509	-0.024298	0.036795	-0.001654
	0.013350	0.005051	-0.006675	0.004037	0.009149	0.000154
	0.021341					

z230	-0.018525	0.007478	-0.003101	-0.055724	0.026617	-0.009701
	-0.017232	0.019210	-0.014788	-0.060374	-0.002372	0.021842
	0.071047	-0.015859	-0.020474	-0.022791	-0.013993	-0.018408
	0.004855	0.014647	-0.002863	-0.008055	0.024829	-0.003638
	0.013644	-0.019292	-0.007902	0.067495	-0.021352	-0.022797
	0.013230					
x231	0.029370	0.011518	-0.037826	0.004315	-0.027324	-0.030806
	-0.008500	0.032138	-0.016671	-0.024598	-0.000048	0.016481
	0.024707	0.014579	-0.015732	0.015157	0.013830	0.001792
	-0.007168	0.012450	-0.019478	0.011394	-0.034541	-0.001550
	0.002417	-0.028166	-0.002669	0.043931	-0.018590	-0.023291
	-0.006753					
y231	-0.025445	-0.006763	0.023954	-0.033975	0.028289	0.008922
	-0.001676	-0.031167	0.003176	0.009376	0.002577	-0.011448
	0.015389	-0.016695	-0.008861	-0.029345	-0.021964	-0.013331
	0.010370	-0.005556	0.018073	-0.007625	0.036164	-0.000079
	0.005240	-0.003692	-0.005141	0.007526	0.025142	0.009062
	0.018561					
z231	-0.014990	0.003945	0.007550	-0.064209	0.022971	-0.005370
	-0.014432	0.018961	-0.004401	-0.061692	0.006936	0.015754
	0.059795	-0.015808	-0.020189	-0.024393	-0.020217	-0.017041
	0.012603	0.026072	0.005421	0.018360	0.013305	0.000991
	0.008392	-0.015849	-0.008236	0.068207	0.008022	-0.012543
	0.026390					
x232	0.031138	0.014694	-0.038183	0.010501	-0.030849	-0.024645
	-0.007315	0.041573	-0.010430	-0.033955	-0.009372	0.028553
	0.021368	0.017213	-0.024886	0.027751	0.020962	0.013367
	-0.004117	0.013822	-0.010507	0.015619	-0.039920	-0.002428
	0.004842	-0.018738	-0.000951	0.027236	-0.042162	-0.035294
	0.004131					
y232	-0.018375	-0.009131	0.017626	-0.028771	0.017488	0.001988
	-0.005983	-0.021352	-0.000793	-0.002423	0.006351	-0.010527
	0.016032	-0.029648	-0.009709	-0.023614	-0.017772	-0.005512
	0.008694	0.005566	0.021697	-0.004241	0.030896	-0.003690
	0.003686	0.003539	-0.002770	0.007475	0.022950	0.003162
	0.022379					
z232	-0.014014	-0.004532	0.011424	-0.061037	0.020954	0.000574
	-0.012532	0.015568	-0.000275	-0.057035	0.009927	0.013700
	0.043946	-0.015088	-0.016808	-0.021989	-0.015379	-0.013371
	0.008302	0.039885	0.007987	0.024494	0.010397	0.011090
	-0.008866	-0.007074	0.002842	0.049769	0.002952	-0.016148
	0.021773					

x233	0.029621	0.023284	-0.034162	0.013640	-0.033942	-0.019387
	0.000252	0.042983	-0.003225	-0.045031	-0.017771	0.035084
	0.012861	0.031138	-0.030038	0.026832	0.028634	0.021478
	0.002707	0.009964	-0.005329	0.022341	-0.035430	-0.003504
	0.003591	-0.006660	0.001626	0.014853	-0.052489	-0.030303
	0.010984					
y233	-0.010200	-0.013000	0.010201	-0.024540	0.009587	-0.006996
	-0.010887	-0.011660	0.004450	-0.010800	0.006224	-0.011310
	0.015122	-0.032127	-0.014889	-0.007583	-0.016802	0.002514
	0.004957	0.011412	0.021168	-0.001018	0.019709	-0.008260
	0.017104	0.007003	-0.001702	0.019691	0.007412	-0.004916
	0.031033					
z233	-0.012963	-0.018908	0.014296	-0.063738	0.025301	-0.005456
	-0.000201	0.010877	0.005039	-0.057613	0.011540	0.004961
	0.031031	-0.026284	-0.012622	-0.010927	0.001580	-0.001498
	-0.001836	0.028561	0.007761	0.001433	0.022425	0.015976
	0.017302	-0.011183	0.011023	0.053398	-0.001216	-0.006381
	0.010169					
x234	0.026956	0.025891	-0.027042	0.017327	-0.032479	-0.011908
	0.006360	0.049054	-0.006745	-0.046749	-0.023035	0.030130
	0.007485	0.029456	-0.021118	0.022877	0.037235	0.021206
	0.002760	0.010987	-0.005135	0.012067	-0.026116	-0.004459
	0.002832	-0.007883	0.014884	0.008389	-0.031345	-0.018936
	-0.001026					
y234	-0.002945	-0.016848	0.003663	-0.023171	0.009291	-0.010955
	-0.007170	-0.003848	0.007673	-0.015571	-0.001416	-0.012456
	0.016179	-0.025189	-0.011263	0.004024	-0.007466	0.005069
	0.012512	0.002018	0.014519	0.004137	0.014052	0.001117
	0.002591	-0.005274	0.003585	0.012885	0.002858	-0.011331
	0.017702					
z234	-0.008193	-0.035193	0.017401	-0.064667	0.020739	-0.011737
	0.008916	0.007833	0.003959	-0.058859	0.017670	-0.005085
	0.027631	-0.030430	-0.003203	0.004691	0.009737	0.000306
	0.007500	0.015157	0.007379	-0.016499	0.019823	0.015261
	0.005048	-0.023152	0.021855	0.029398	-0.005980	-0.008375
	-0.007875					
x235	0.025576	0.024893	-0.019648	0.022224	-0.034455	-0.007427
	0.008556	0.049326	-0.004732	-0.042128	-0.023087	0.025382
	0.005479	0.032422	-0.019339	0.027902	0.035260	0.015474
	0.002680	0.013024	0.004639	0.007878	-0.017778	-0.009059
	0.012649	0.001073	0.016702	0.005648	-0.021118	-0.009465
	-0.004899					

y235	0.002685	-0.017928	0.000035	-0.020148	0.010398	-0.011768
	-0.002610	0.005141	0.010862	-0.020460	-0.010565	-0.011532
	0.008782	-0.019362	-0.009044	0.008182	0.003298	0.004329
	0.017871	0.000784	0.007575	0.003248	0.013593	0.001802
	-0.002974	-0.015241	0.000712	0.011280	0.001888	-0.009184
	0.000599					
z235	-0.007238	-0.047086	0.018331	-0.057627	0.013138	-0.009902
	0.011153	0.001171	0.013069	-0.054256	0.014305	-0.015049
	0.017674	-0.024081	-0.009201	0.011782	0.013837	-0.001737
	0.015121	0.007435	0.010858	-0.021252	0.017483	0.004044
	-0.003581	-0.019508	0.005248	0.009275	-0.007148	-0.006294
	-0.013768					
x236	0.022614	0.024410	-0.012943	0.027151	-0.037230	-0.004675
	0.009836	0.043100	-0.005588	-0.040398	-0.022068	0.026798
	0.006572	0.034155	-0.017398	0.032409	0.031889	0.010805
	0.005883	0.015460	0.017109	0.005013	-0.010835	-0.009354
	0.024841	0.009407	0.019120	0.001330	-0.012524	0.001820
	-0.007160					
y236	0.008033	-0.015157	-0.001180	-0.010657	0.003760	-0.012223
	-0.001446	0.009890	0.010410	-0.020791	-0.012124	-0.004898
	0.001855	-0.014650	-0.014496	0.014968	0.008322	0.008025
	0.020400	0.007948	-0.001623	0.005110	0.013746	0.000590
	-0.002289	-0.017335	-0.003639	0.003114	-0.003950	0.000355
	-0.004089					
z236	-0.006246	-0.059743	0.017084	-0.051446	0.005140	-0.017273
	0.010338	-0.004783	0.017568	-0.052353	0.013838	-0.009816
	0.011734	-0.018145	-0.006415	0.011760	0.013984	0.001225
	0.032059	0.012595	0.009574	-0.019045	0.010908	-0.004391
	-0.013162	-0.014400	-0.006653	0.001405	-0.010462	-0.005001
	-0.010833					
x237	0.019952	0.024022	-0.006699	0.029145	-0.036699	-0.002943
	0.010494	0.031377	-0.010495	-0.043216	-0.018763	0.031715
	0.011883	0.037316	-0.018235	0.029890	0.030288	0.013034
	0.008793	0.010507	0.024573	0.005343	-0.008103	-0.004834
	0.029228	0.014015	0.021229	-0.000391	-0.002872	0.008163
	-0.012823					
y237	0.011202	-0.008763	-0.000645	0.002723	-0.007904	-0.009440
	0.002213	0.015420	0.012003	-0.023380	-0.016684	0.001913
	0.000168	-0.008609	-0.008363	0.024261	0.010547	0.010058
	0.024651	0.013279	0.002885	0.007969	0.019751	-0.003974
	0.002459	-0.005710	0.002617	0.004137	-0.009451	0.004253
	-0.010043					

z237	-0.006068	-0.069846	0.015359	-0.048612	-0.004552	-0.016535
	0.011825	-0.007167	0.019291	-0.052662	0.014128	-0.011765
	0.000845	-0.019779	0.001156	0.011312	0.015246	0.003051
	0.040123	0.019600	0.005999	-0.015968	0.014565	-0.013518
	-0.016705	-0.007092	-0.008038	0.020758	-0.021988	-0.013337
	-0.006053					
x238	0.015894	0.023780	-0.002586	0.029037	-0.034245	-0.000448
	0.011089	0.015660	-0.016484	-0.047902	-0.011766	0.033067
	0.014969	0.037312	-0.015020	0.025127	0.027054	0.012562
	0.009291	0.002772	0.031141	0.005464	-0.006981	0.005196
	0.026839	0.016762	0.017016	-0.002862	0.005299	0.007634
	-0.014715					
y238	0.013335	-0.001596	0.003536	0.016160	-0.013543	-0.008584
	0.002355	0.019240	0.011501	-0.026856	-0.022021	0.014054
	0.007187	-0.000653	-0.006419	0.032520	0.015386	0.015610
	0.026739	0.004953	0.015659	0.006708	0.022657	-0.003438
	0.011869	-0.000976	0.004349	-0.003085	-0.005707	0.013892
	-0.020072					
z238	-0.005457	-0.080052	0.016065	-0.042917	-0.010802	-0.014985
	0.006436	-0.004132	0.021728	-0.050450	0.017706	-0.008057
	-0.009359	-0.016805	0.001712	0.020493	0.017370	0.000388
	0.032758	0.012253	-0.001710	-0.014320	0.018923	-0.009879
	-0.015844	-0.019255	-0.021289	0.014902	-0.019703	-0.010405
	0.009676					
x239	0.012626	0.022408	-0.000031	0.026049	-0.027688	0.003857
	0.011835	0.000783	-0.016510	-0.043970	-0.009080	0.029968
	0.013841	0.023983	-0.003906	0.019688	0.014929	0.016819
	0.014201	-0.004429	0.029381	0.011146	-0.010393	0.008830
	0.012046	0.008918	0.009674	-0.001137	0.009921	0.005915
	-0.017513					
y239	0.015532	0.007915	0.008579	0.026378	-0.020363	-0.007257
	0.007196	0.016695	0.005376	-0.039029	-0.025752	0.024979
	0.017831	0.008552	-0.003056	0.030121	0.025337	0.022802
	0.033466	-0.004094	0.023321	-0.001333	0.022429	0.002652
	0.017135	0.006763	0.009833	-0.003269	0.005979	0.019776
	-0.027709					
z239	-0.004573	-0.087518	0.019720	-0.037182	-0.022276	-0.013777
	0.003251	0.006927	0.029954	-0.047104	0.013493	-0.009862
	-0.012069	-0.012438	0.010671	0.023937	0.020452	0.003212
	0.032271	0.012912	-0.014648	-0.020832	0.023863	-0.019633
	-0.012936	-0.028295	-0.022126	0.021023	-0.021663	-0.006501
	0.026504					

x240	0.011785	0.019296	-0.000103	0.020336	-0.018336	0.007919
	0.010793	-0.003957	-0.009461	-0.030781	-0.004035	0.021812
	0.007179	0.002173	0.000151	0.011978	0.005199	0.018194
	0.020040	-0.004834	0.013999	0.014047	-0.013000	0.006097
	-0.001862	-0.000355	0.001081	-0.001423	0.003292	0.005003
	-0.021107					
y240	0.015797	0.017185	0.010686	0.030647	-0.020676	-0.005100
	0.014006	0.006340	-0.006709	-0.050515	-0.024766	0.033203
	0.026758	0.012459	0.006662	0.025822	0.025863	0.025092
	0.041343	-0.017329	0.029723	-0.011528	0.016266	0.006331
	0.010171	0.019598	0.001256	0.000693	0.010331	0.020530
	-0.027742					
z240	-0.002062	-0.088674	0.023547	-0.032170	-0.032333	-0.016062
	-0.006936	0.017158	0.026528	-0.036114	0.011061	-0.003785
	-0.014348	-0.003748	0.010053	0.028284	0.024615	0.003915
	0.025478	0.012877	-0.020342	-0.038180	0.022367	-0.038580
	-0.006997	-0.016469	-0.034011	0.019964	-0.036448	-0.007200
	0.051154					
x241	0.010570	0.015242	-0.003126	0.014169	-0.006156	0.009133
	0.008718	0.002632	0.002029	-0.012586	-0.000176	0.011318
	0.001665	-0.017950	0.004115	0.005525	-0.001833	0.009413
	0.022878	0.002019	0.001645	0.015574	-0.008926	-0.001780
	-0.004400	-0.001726	0.006159	-0.004115	0.003428	0.003337
	-0.016269					
y241	0.016347	0.021193	0.008190	0.032933	-0.017079	-0.000543
	0.022652	-0.003982	-0.013371	-0.056358	-0.019921	0.032016
	0.028787	0.001898	0.016854	0.018913	0.019253	0.019197
	0.050188	-0.031500	0.026934	-0.014218	0.016997	0.009782
	-0.003254	0.012488	-0.006272	0.011045	0.005447	0.022766
	-0.034812					
z241	-0.000709	-0.084730	0.023516	-0.021229	-0.042770	-0.019243
	-0.018801	0.019028	0.014515	-0.028163	0.009220	0.002475
	-0.014327	0.004380	0.002694	0.033879	0.026392	-0.006157
	0.008098	0.006789	-0.013792	-0.045963	0.031495	-0.041456
	0.005245	-0.020452	-0.033891	0.012419	-0.045968	-0.004424
	0.056342					
x242	0.006049	0.010370	-0.004279	0.003495	0.003119	0.004234
	0.005776	0.008582	0.009548	0.004509	0.000459	-0.004123
	-0.007334	-0.021234	0.003501	0.000748	-0.007796	0.000700
	0.008721	0.005293	-0.005400	0.012908	-0.003839	-0.009423
	-0.002999	0.007281	0.012257	-0.010638	0.003007	-0.001603
	0.000085					

y242	0.015240	0.023839	0.001861	0.033196	-0.009221	0.007245
	0.034133	-0.009336	-0.008580	-0.056670	-0.012096	0.027169
	0.025149	-0.022988	0.026262	0.007865	0.011268	0.012865
	0.061616	-0.027006	0.019308	-0.011359	0.016798	-0.003377
	-0.015577	0.008348	-0.004784	0.027705	0.011393	0.010462
	-0.038344					
z242	0.000694	-0.076321	0.022863	-0.012093	-0.054412	-0.028931
	-0.025155	0.007348	0.001452	-0.021940	0.005232	0.011436
	-0.013559	0.016895	0.001174	0.043978	0.028093	-0.003821
	0.004962	-0.002276	-0.002630	-0.037851	0.025811	-0.039946
	0.017379	-0.029717	-0.034398	0.015950	-0.027492	-0.020599
	0.059449					
x243	0.001868	0.004288	-0.000373	-0.006985	0.004771	-0.002409
	-0.002922	0.011620	0.010470	0.019643	0.001117	-0.015887
	-0.013039	-0.006821	-0.000991	-0.003433	-0.019481	-0.000782
	-0.006467	0.002275	-0.005920	0.010386	-0.002729	-0.000318
	0.003297	0.003909	0.009458	-0.019383	-0.005773	-0.011605
	-0.003028					
y243	0.011220	0.024274	-0.004632	0.035047	-0.000078	0.005938
	0.037551	-0.011255	-0.003015	-0.050416	-0.006734	0.020235
	0.027055	-0.031477	0.019808	0.003736	0.002319	0.004268
	0.046166	-0.015644	0.010075	-0.015635	0.029017	-0.006296
	-0.022767	0.017014	0.009536	0.025257	0.011432	0.012505
	-0.027929					
z243	-0.002718	-0.065685	0.024663	-0.009131	-0.062175	-0.034131
	-0.024271	0.003700	-0.006081	-0.017329	-0.005724	0.012176
	-0.019110	0.024179	-0.003074	0.043056	0.033372	0.000938
	0.021198	-0.004199	-0.004589	-0.039529	0.013269	-0.027892
	0.012935	-0.035507	-0.039301	0.031310	-0.022632	-0.015432
	0.086932					
x244	0.001189	0.001270	0.001987	-0.012888	0.006922	-0.001163
	-0.007187	0.010490	0.007129	0.025574	-0.000840	-0.020345
	-0.015118	0.001593	-0.000967	-0.003667	-0.018935	-0.003477
	-0.009957	0.005926	-0.001959	0.012245	-0.005321	0.001821
	0.003706	0.000999	0.011454	-0.021746	0.000248	-0.013760
	0.001994					
y244	0.010486	0.023206	-0.009748	0.032770	0.006932	0.004911
	0.038807	-0.009384	0.000194	-0.039081	0.001790	0.014321
	0.027859	-0.029408	0.012507	0.001394	-0.008200	-0.005858
	0.040205	-0.016697	0.003442	-0.013812	0.030221	0.001609
	-0.032232	0.017894	0.015654	0.009317	0.009606	0.011975
	-0.027186					

z244	-0.006083	-0.055933	0.025162	-0.008966	-0.068176	-0.036641
	-0.027565	-0.000891	-0.008362	-0.011262	-0.009150	0.014243
	-0.021620	0.028770	-0.005274	0.036396	0.030908	0.005200
	0.032817	-0.006396	-0.000607	-0.031053	0.002373	-0.016928
	0.011918	-0.029905	-0.048967	0.024302	-0.022409	-0.011582
	0.077257					
x245	-0.000266	-0.001834	0.002940	-0.018558	0.004135	-0.002953
	-0.011585	0.010084	0.003090	0.026136	-0.007369	-0.018835
	-0.012554	0.006859	-0.001765	-0.002603	-0.011399	0.001746
	-0.014870	0.009883	-0.000085	0.015125	-0.003276	0.001949
	0.007564	-0.006970	0.014026	-0.021332	-0.003299	-0.012231
	0.008398					
y245	0.010141	0.021252	-0.012785	0.029089	0.014373	0.003460
	0.038975	-0.006414	0.004352	-0.028568	0.008420	0.009546
	0.026839	-0.023313	0.006954	-0.002078	-0.017247	-0.013379
	0.027061	-0.015440	-0.001721	-0.020281	0.030588	0.003862
	-0.033275	0.020922	0.024335	-0.000212	0.009833	0.013550
	-0.028593					
z245	-0.007749	-0.047337	0.028247	-0.008365	-0.072300	-0.038955
	-0.030323	-0.008987	-0.007757	-0.003437	-0.009087	0.015147
	-0.023680	0.037863	-0.006480	0.029513	0.032772	0.006193
	0.035647	-0.004272	0.000644	-0.027888	-0.008471	-0.016438
	0.014042	-0.018339	-0.057635	0.024641	-0.004981	-0.008571
	0.071118					
x246	-0.001664	-0.004025	0.004884	-0.022694	-0.002278	-0.005968
	-0.018445	0.007301	-0.004194	0.023597	-0.013142	-0.015952
	-0.014236	0.004181	-0.003333	-0.003797	-0.000063	0.006632
	-0.014112	0.007460	0.002236	0.015403	-0.002386	0.009757
	0.016919	-0.014969	0.007546	-0.011101	-0.012824	-0.010046
	0.009365					
y246	0.009344	0.018618	-0.016859	0.023855	0.020501	0.002605
	0.040558	-0.002184	0.006934	-0.021276	0.010494	0.004076
	0.025765	-0.016463	0.000972	-0.002945	-0.021363	-0.017762
	0.012304	-0.011475	-0.002101	-0.024727	0.035408	0.003857
	-0.031346	0.018350	0.036310	-0.008319	0.006830	0.014982
	-0.029673					
z246	-0.010658	-0.038359	0.028330	-0.006508	-0.075837	-0.040073
	-0.028998	-0.012757	-0.005607	-0.000930	-0.010714	0.012925
	-0.017966	0.043540	-0.013022	0.024798	0.031257	0.010338
	0.036734	-0.002782	0.010237	-0.019779	-0.006272	-0.016911
	0.010998	-0.015436	-0.051126	0.027475	0.002180	0.001131
	0.060814					

x247	-0.002379	-0.005437	0.008726	-0.026514	-0.009407	-0.009613
	-0.026173	0.002271	-0.012493	0.021991	-0.017327	-0.014366
	-0.015325	-0.000014	-0.001856	-0.003864	0.012687	0.008865
	-0.009134	0.005985	0.007902	0.022136	-0.005440	0.014578
	0.019206	-0.022037	-0.002832	0.001176	-0.008542	-0.012908
	0.014779					
y247	0.009551	0.014864	-0.018523	0.016924	0.024972	0.002882
	0.039771	-0.000625	0.007656	-0.015277	0.010140	-0.001181
	0.018794	-0.009901	-0.001278	-0.003433	-0.020160	-0.021945
	0.003847	-0.006904	-0.005087	-0.026765	0.034213	0.006686
	-0.022821	0.011875	0.036113	-0.014250	0.004878	0.008484
	-0.025443					
z247	-0.012344	-0.029891	0.029058	-0.003743	-0.075923	-0.040299
	-0.030072	-0.015992	-0.001221	0.001084	-0.010109	0.015592
	-0.011371	0.047173	-0.020086	0.019721	0.027057	0.014815
	0.041911	-0.001105	0.011103	-0.009569	-0.004806	-0.012194
	0.010137	-0.015332	-0.051008	0.022409	0.001679	0.005615
	0.047694					
x248	-0.003102	-0.005800	0.012258	-0.027402	-0.016663	-0.014644
	-0.035254	-0.001021	-0.020829	0.020816	-0.019621	-0.007237
	-0.008571	-0.006185	-0.000524	-0.004407	0.021679	0.013496
	-0.002588	0.003811	0.014290	0.030041	-0.001566	0.012967
	0.018959	-0.027666	-0.011917	0.013204	-0.006429	-0.008624
	0.014602					
y248	0.008946	0.010807	-0.018716	0.010154	0.025060	0.003133
	0.035892	-0.002354	0.006322	-0.011010	0.005270	-0.004868
	0.011418	-0.006956	-0.001851	-0.005537	-0.014043	-0.022696
	0.001110	-0.005903	-0.003033	-0.025422	0.029584	0.009077
	-0.013829	0.004984	0.029819	-0.010680	0.001916	0.004507
	-0.018929					
z248	-0.015241	-0.021275	0.029538	0.000245	-0.076863	-0.038842
	-0.029205	-0.023043	0.004792	0.005791	-0.006664	0.011707
	-0.009495	0.048715	-0.023688	0.014426	0.026158	0.016636
	0.042821	-0.001884	0.014502	0.001849	-0.014890	-0.005107
	0.005494	-0.014705	-0.045472	0.016772	0.005739	0.010211
	0.045525					
x249	-0.003959	-0.003986	0.014871	-0.026010	-0.022624	-0.018979
	-0.040981	-0.004360	-0.024524	0.023156	-0.017888	-0.002510
	0.004458	-0.010426	0.000614	-0.002291	0.028761	0.018331
	-0.000317	0.004552	0.018287	0.039233	0.001024	0.003865
	0.013580	-0.030880	-0.016177	0.013603	-0.002420	-0.002163
	0.016136					

y249	0.008653	0.007691	-0.017095	0.004621	0.021773	0.004667
	0.028421	-0.004521	0.004057	-0.007409	-0.000801	-0.007063
	0.004173	-0.008907	-0.003375	-0.006458	-0.008876	-0.020830
	0.000818	-0.005361	0.002526	-0.025479	0.025533	0.008461
	-0.003791	0.002905	0.018945	-0.001019	0.007752	0.002181
	-0.009034					
z249	-0.016922	-0.012663	0.030568	0.004930	-0.075274	-0.038465
	-0.033845	-0.023576	0.005849	0.007813	0.000045	0.012955
	-0.008445	0.043438	-0.028998	0.005512	0.019082	0.018482
	0.043068	-0.003367	0.021547	0.000133	-0.014170	0.006618
	0.006952	-0.010998	-0.039228	0.022352	0.007508	0.010679
	0.032384					
x250	-0.005481	-0.002735	0.017488	-0.025988	-0.026126	-0.023790
	-0.047006	-0.004147	-0.023291	0.021265	-0.008694	0.001066
	0.019653	-0.012010	0.002764	-0.002224	0.031542	0.020838
	-0.003765	0.005072	0.020918	0.037968	-0.000853	-0.001903
	0.000766	-0.031569	-0.015343	0.015340	0.007542	0.002209
	0.004492					
y250	0.007143	0.004878	-0.015539	0.001873	0.017650	0.005716
	0.022516	-0.006047	0.002657	-0.006801	-0.005096	-0.008823
	0.000056	-0.010472	-0.007690	-0.004619	-0.004296	-0.016786
	-0.000120	0.003831	0.008857	-0.017031	0.020431	0.004098
	-0.002147	0.000801	0.009065	0.006708	0.012224	-0.002611
	0.001153					
z250	-0.017503	-0.005332	0.030356	0.013131	-0.070512	-0.039553
	-0.032346	-0.026486	0.002946	0.013777	0.004747	0.012366
	-0.005972	0.041949	-0.035308	-0.002926	0.019109	0.018040
	0.042714	-0.001654	0.025548	0.010832	-0.008560	0.010651
	0.009744	-0.016213	-0.030140	0.012482	0.002241	0.009378
	0.032933					
x251	-0.008144	-0.001800	0.022967	-0.020461	-0.027889	-0.030968
	-0.051530	-0.005684	-0.031809	0.019789	0.010374	0.010296
	0.028727	-0.009800	0.005617	-0.008192	0.035475	0.017550
	-0.005396	-0.004853	0.023006	0.033329	0.003950	0.001818
	-0.006319	-0.042853	-0.012300	0.011316	-0.002348	0.003015
	-0.011911					
y251	0.003493	0.000858	-0.013818	-0.000250	0.009197	0.003980
	0.011274	-0.006584	-0.003294	-0.004643	-0.002988	-0.001343
	-0.000544	-0.013044	-0.013781	-0.003192	-0.001825	-0.015905
	0.001820	0.010411	0.008226	-0.002336	0.014413	0.005963
	-0.005817	-0.000619	-0.000971	0.020100	0.003754	-0.003665
	0.019410					

z251	-0.018817	-0.001923	0.027201	0.018600	-0.067260	-0.042743
	-0.030475	-0.031782	0.001768	0.018209	0.015211	0.010783
	-0.001125	0.040785	-0.039831	-0.005808	0.023631	0.021825
	0.033096	0.004412	0.022763	0.014512	-0.009626	0.008701
	0.004740	-0.016253	-0.021785	0.009084	0.015753	0.006789
	0.024669					
x252	-0.008383	-0.002217	0.029717	-0.011842	-0.027347	-0.036052
	-0.048050	-0.012980	-0.038246	0.011315	0.024156	0.016671
	0.023485	-0.010017	0.003071	-0.007168	0.040163	0.014237
	-0.013859	-0.011803	0.024395	0.034292	0.010166	0.008087
	0.004202	-0.044550	-0.011822	0.012333	-0.002387	0.017343
	-0.018081					
y252	0.000065	-0.002239	-0.007242	-0.001846	-0.001800	-0.001303
	-0.003880	-0.011805	-0.008021	-0.001027	0.004716	0.007539
	0.005235	-0.013163	-0.009862	0.000143	-0.001554	-0.010889
	0.008051	0.008200	0.000227	0.010973	0.004651	0.009918
	-0.010775	-0.004763	-0.009298	0.027637	0.000812	-0.008618
	0.020823					
z252	-0.019083	-0.002692	0.024288	0.024213	-0.060727	-0.046202
	-0.030697	-0.032362	-0.001164	0.014144	0.023166	0.014001
	-0.001922	0.029423	-0.052164	-0.011622	0.019038	0.026344
	0.027422	0.004322	0.022922	0.016423	-0.003267	0.020299
	-0.002130	-0.018127	-0.016755	0.012510	0.007334	0.016234
	0.001406					
x253	-0.007235	-0.001030	0.031273	-0.011211	-0.025149	-0.035319
	-0.044289	-0.011741	-0.039799	0.005879	0.031134	0.020575
	0.021636	-0.014658	-0.000836	-0.004407	0.037490	0.007810
	-0.020295	-0.014515	0.025499	0.031311	0.015920	0.011113
	0.010626	-0.039362	-0.009454	0.011571	-0.007021	0.039586
	-0.024574					
y253	0.002480	0.000527	-0.000979	-0.003409	-0.002865	-0.005952
	-0.012244	-0.011724	-0.009489	0.009125	-0.004182	0.010318
	0.010555	-0.018357	0.006098	-0.000018	-0.005394	-0.000749
	0.007470	-0.004034	0.010004	0.013879	0.000309	-0.000618
	-0.008777	-0.005871	-0.011901	0.023237	0.002476	-0.008216
	0.012974					
z253	-0.018056	-0.002416	0.024038	0.029454	-0.052248	-0.047954
	-0.028378	-0.037268	-0.000605	0.016074	0.028152	0.014272
	-0.005681	0.020889	-0.053792	-0.010728	0.023291	0.019529
	0.023073	0.005282	0.021691	0.020216	-0.001481	0.030494
	0.004749	-0.023712	-0.008290	0.015017	0.005599	0.025391
	-0.018635					

x254	-0.003982	0.003007	0.029324	-0.009358	-0.018478	-0.032145
	-0.036485	-0.013730	-0.040809	0.009693	0.035921	0.023365
	0.018070	-0.028873	0.008127	0.007125	0.030950	-0.000523
	-0.019485	-0.021881	0.040301	0.028325	0.015653	0.008123
	0.016585	-0.028895	-0.006593	0.013199	-0.004205	0.047951
	-0.039975					
y254	0.002817	0.001079	0.001990	-0.003903	-0.001661	-0.006558
	-0.016715	-0.012776	-0.013330	0.010240	-0.002046	0.012750
	0.013966	-0.024139	0.015960	-0.001005	-0.004210	0.000443
	0.000796	-0.014281	0.019177	0.011382	0.006044	-0.007098
	-0.006901	-0.007380	-0.015882	0.026539	0.005316	-0.002690
	0.006936					
z254	-0.013204	-0.000453	0.025579	0.033290	-0.043677	-0.048941
	-0.029090	-0.038435	-0.004906	0.024639	0.023173	0.017531
	-0.009530	0.007035	-0.048622	-0.009114	0.020270	0.011270
	0.019837	-0.002675	0.029742	0.018238	-0.004979	0.026151
	0.010211	-0.021878	-0.007889	0.010033	0.009887	0.031822
	-0.016846					
x255	-0.000719	0.007610	0.027921	-0.006564	-0.013164	-0.031042
	-0.028902	-0.012068	-0.042142	0.019350	0.033318	0.025366
	0.011707	-0.040290	0.020730	0.018016	0.022883	-0.008245
	-0.012589	-0.033233	0.052111	0.022206	0.012291	0.005453
	0.020464	-0.016658	-0.005486	0.007861	0.010313	0.040821
	-0.053797					
y255	-0.002453	0.000892	0.012508	-0.005591	-0.005814	-0.008816
	-0.018380	-0.008582	-0.012988	0.005814	0.005190	0.008913
	0.014838	-0.018119	0.012228	0.004211	0.000821	0.000254
	-0.007842	-0.014891	0.009136	0.008575	0.007006	-0.007007
	-0.000436	-0.014539	-0.010157	0.023745	-0.001028	0.010834
	-0.003802					
z255	-0.009434	-0.000914	0.023206	0.034152	-0.034552	-0.043841
	-0.027654	-0.043989	-0.006505	0.026958	0.024631	0.016825
	-0.009251	-0.003362	-0.044969	-0.006188	0.017585	0.007614
	0.015606	-0.003855	0.038297	0.017243	-0.004339	0.016454
	0.008350	-0.016990	-0.015320	0.011253	0.000777	0.046244
	-0.016796					
x256	-0.002280	0.007694	0.025920	-0.005635	-0.011984	-0.027725
	-0.020011	-0.008907	-0.038929	0.018573	0.033718	0.017210
	0.006654	-0.038410	0.017057	0.023030	0.019010	-0.013851
	-0.006886	-0.032245	0.049197	0.011690	0.013923	0.006788
	0.017900	-0.004419	-0.010701	-0.000302	0.015640	0.032305
	-0.056363					

y256	-0.004901	0.002148	0.018552	-0.004958	-0.004302	-0.010449
	-0.018513	-0.008622	-0.017968	0.007385	0.018079	0.013629
	0.014659	-0.022331	0.017617	0.016084	0.002410	-0.005623
	-0.010377	-0.020146	0.018437	0.011519	0.001780	-0.009865
	0.001976	-0.009373	-0.008910	0.022203	-0.004722	0.019846
	-0.020249					
z256	-0.009127	-0.004483	0.024853	0.033742	-0.028137	-0.040645
	-0.025779	-0.049330	-0.006498	0.023551	0.030714	0.016519
	-0.005363	-0.001084	-0.050533	-0.004904	0.021048	0.005922
	0.010657	-0.004073	0.033930	0.019503	-0.001685	0.013277
	0.001639	-0.017586	-0.016090	0.009435	0.003758	0.055318
	-0.023123					
x257	-0.000960	0.009233	0.018266	-0.003828	-0.007706	-0.022581
	-0.012222	-0.010844	-0.037608	0.023563	0.031815	0.014235
	-0.001450	-0.047464	0.018136	0.026817	0.010542	-0.019590
	-0.000201	-0.029004	0.061759	0.006427	0.017437	0.007202
	0.012638	0.008365	-0.017091	0.007207	0.016455	0.014666
	-0.044071					
y257	-0.016122	-0.004203	0.026437	-0.006937	-0.009435	-0.008066
	-0.013578	-0.006886	-0.015677	-0.013048	0.043072	0.001902
	0.021683	0.001666	-0.004667	0.020991	0.015926	-0.007517
	-0.016701	-0.016049	-0.001955	0.008006	0.005621	-0.000882
	-0.001506	-0.005376	-0.012888	0.003834	-0.016752	0.033629
	-0.038248					
z257	-0.010974	-0.009509	0.031261	0.032010	-0.027164	-0.037544
	-0.020729	-0.049584	-0.003627	0.016895	0.038034	0.009412
	-0.006183	0.005374	-0.061313	0.000134	0.027294	0.001271
	0.004888	0.012025	0.019806	0.006277	0.002018	0.009787
	0.004864	-0.014056	-0.010640	0.008128	0.009004	0.060471
	-0.027331					
x258	-0.011024	0.001000	0.020728	-0.006418	-0.014282	-0.020803
	-0.002563	-0.003245	-0.021263	0.003145	0.033016	-0.002503
	0.003176	-0.013099	-0.016227	0.017743	0.016643	-0.009283
	-0.001174	-0.011644	0.021438	-0.001797	0.018333	0.022273
	0.001303	0.004379	-0.011486	-0.000843	-0.002295	0.003212
	-0.016511					
y258	-0.021977	-0.004277	0.032046	-0.007527	-0.009646	-0.010394
	-0.010394	-0.000412	-0.017295	-0.006895	0.052487	-0.001822
	0.013003	0.004190	-0.007150	0.035553	0.016598	-0.010594
	-0.015754	-0.016423	-0.000313	0.003168	0.006123	0.004466
	-0.006578	0.002301	-0.017920	-0.010261	-0.013468	0.031298
	-0.050207					

z258	-0.011538	-0.015175	0.030614	0.030720	-0.024290	-0.026393
	-0.013029	-0.059416	-0.003302	-0.000232	0.055006	-0.003220
	-0.000560	0.011971	-0.071458	0.004331	0.031206	-0.004240
	-0.002805	0.022895	0.010728	-0.003901	0.009096	0.006907
	0.002544	0.002591	-0.016054	0.013322	0.002722	0.055614
	-0.030108					
x259	-0.015227	-0.008040	0.011224	-0.005346	-0.013032	-0.015549
	0.003314	-0.005718	-0.011677	-0.021138	0.042159	-0.008281
	0.011485	0.002123	-0.030720	0.001913	0.015720	-0.008529
	0.003340	0.000284	0.015616	-0.000886	0.019835	0.031433
	-0.016255	0.006917	-0.009777	0.017906	-0.025450	-0.017226
	0.024272					
y259	-0.016586	0.000519	0.025813	-0.006653	-0.000862	-0.006848
	-0.007156	-0.007842	-0.019055	0.008078	0.056827	-0.005661
	0.009279	-0.014811	0.015548	0.052467	0.008009	-0.006186
	-0.011600	-0.028604	0.033981	0.002879	0.000116	0.000141
	-0.013499	0.021222	-0.027941	-0.015053	0.000275	0.010238
	-0.042141					
z259	-0.005843	-0.010412	0.036867	0.030046	-0.019137	-0.029817
	-0.010733	-0.051295	-0.005045	0.025622	0.033406	-0.001055
	-0.013017	0.001662	-0.042932	0.021580	0.015157	-0.004937
	0.000524	0.013828	0.017435	-0.009572	0.001889	-0.006713
	0.000247	0.015021	-0.016402	0.009676	0.011608	0.037270
	-0.044762					
x260	-0.006180	-0.002193	0.005355	-0.001104	-0.011347	-0.015390
	0.008829	-0.006734	-0.004840	-0.018604	0.017434	-0.012754
	0.006070	0.000241	-0.025526	-0.007298	0.010702	0.001637
	0.009484	-0.001441	-0.000706	-0.004597	0.006606	0.026985
	-0.015625	-0.008882	0.007047	0.024409	-0.026510	-0.036963
	0.043583					
y260	-0.016878	0.005749	0.028574	-0.003582	0.003115	-0.003800
	0.007015	-0.007924	-0.029737	0.020472	0.047080	-0.016782
	-0.004396	-0.020262	0.025043	0.064528	-0.000165	0.018714
	-0.012414	-0.028924	0.036025	-0.016366	-0.004646	0.002528
	-0.016730	0.022363	-0.038655	-0.019568	0.004798	-0.043500
	-0.002081					
z260	-0.004300	-0.008262	0.042365	0.029949	-0.009445	-0.029140
	-0.002233	-0.047346	-0.007025	0.043116	0.014221	-0.001125
	-0.020136	0.006663	-0.008292	0.043990	0.004417	-0.000574
	0.006383	-0.001248	0.032543	-0.005515	-0.007412	-0.022411
	-0.016656	0.023945	-0.017017	0.008084	0.017122	0.006407
	-0.012767					

x261	0.003165	0.003055	-0.003625	-0.001902	-0.004861	-0.009792
	0.000480	-0.012857	0.008925	-0.004898	-0.003426	-0.002844
	0.003807	-0.008109	-0.007456	-0.004137	0.001648	0.003994
	-0.002417	0.005346	-0.006106	0.011320	0.000363	0.017611
	0.008636	-0.003163	0.013362	0.017465	0.001890	-0.026932
	0.018088					
y261	-0.020409	0.004884	0.026016	-0.007188	-0.000421	-0.000153
	0.002561	0.002818	-0.020590	0.033088	0.042688	-0.025599
	-0.005691	-0.015044	0.014386	0.060653	-0.003757	0.029929
	-0.022107	-0.025758	0.031553	-0.026737	-0.025426	0.008943
	-0.007778	0.015650	-0.038507	-0.025397	-0.004282	-0.062537
	0.013464					
z261	-0.006846	-0.013947	0.037985	0.025376	-0.008614	-0.021103
	-0.004251	-0.049428	-0.010324	0.036078	0.026463	-0.005559
	-0.030313	0.014126	-0.018693	0.048483	-0.000546	-0.005823
	-0.011987	0.004079	0.035639	-0.011193	-0.001481	-0.012670
	-0.035448	0.028359	-0.017271	0.026180	0.024854	-0.016405
	0.020998					
x262	0.007292	0.004898	-0.005213	0.002178	0.006745	-0.006628
	-0.004309	-0.018742	0.009806	0.012193	-0.014982	0.017549
	-0.000101	-0.015402	0.013678	0.002387	-0.000472	-0.001624
	0.000369	0.008285	0.013356	0.027005	-0.002551	-0.002121
	0.017570	0.010359	0.010864	0.021969	0.019700	-0.020489
	0.001510					
y262	-0.020853	0.003423	0.019665	-0.007864	-0.001342	0.004321
	-0.003191	0.011434	-0.015369	0.036760	0.039005	-0.025486
	-0.003301	-0.009889	0.025566	0.049784	-0.006594	0.023286
	-0.023058	-0.020540	0.051878	-0.016819	-0.036070	0.005855
	-0.003501	0.025304	-0.038053	-0.028529	-0.021520	-0.047533
	0.016219					
z262	0.006634	-0.012251	0.026797	0.021529	-0.005994	-0.011360
	-0.013632	-0.057230	-0.007015	0.034078	0.040488	-0.003197
	-0.031997	0.003041	-0.026303	0.048301	-0.008822	-0.004648
	-0.024677	-0.000863	0.046544	-0.025734	-0.002775	-0.005657
	-0.041309	0.031706	-0.023382	0.038022	0.023815	-0.031925
	0.012168					
x263	0.011397	0.005388	-0.001216	0.008509	0.013046	-0.008731
	-0.003469	-0.022260	0.004799	0.019831	-0.021904	0.029235
	-0.006836	-0.006327	0.014669	0.004212	0.001470	-0.003292
	0.006529	0.011410	0.015536	0.031679	-0.004078	-0.014934
	0.022397	0.008584	0.006127	0.022002	0.010451	-0.006478
	0.011640					

y263	-0.015535	0.003173	0.012208	-0.006688	0.000392	0.011393
	-0.007663	0.007571	-0.013846	0.033141	0.049202	-0.024755
	-0.003485	-0.010022	0.002333	0.042157	0.001812	0.023433
	-0.031083	-0.013083	0.046713	-0.028724	-0.044940	0.011837
	-0.012162	0.025560	-0.031264	-0.020932	-0.018664	-0.031949
	0.013669					
z263	0.013786	-0.009275	0.024131	0.019775	-0.008142	-0.005112
	-0.020511	-0.048781	-0.001609	0.045521	0.030308	-0.002612
	-0.039444	0.005823	-0.027037	0.048043	-0.015850	-0.005885
	-0.031653	-0.014806	0.040402	-0.014471	-0.003098	-0.005238
	-0.034914	0.020138	-0.025425	0.016713	0.001950	-0.025322
	0.011592					
x264	0.032177	0.012513	-0.005006	0.017134	0.014429	0.002634
	-0.005076	-0.036978	-0.007588	0.041008	-0.016216	0.032013
	-0.028907	-0.007135	-0.064097	0.006110	0.023036	0.001405
	0.006063	-0.005195	-0.042152	0.027308	0.003155	-0.017100
	0.008343	-0.021507	0.002406	-0.005208	0.006809	0.000659
	-0.002409					
y264	-0.013124	0.001427	0.009401	-0.005500	0.002901	0.012945
	-0.008917	0.015991	-0.008911	0.030372	0.048673	-0.020802
	-0.004352	-0.010491	0.019076	0.036012	-0.010776	0.023539
	-0.034946	-0.000857	0.067200	-0.050058	-0.055305	0.010989
	-0.004868	0.015241	-0.022566	0.004155	-0.002544	-0.015507
	0.016043					
z264	0.015021	-0.010625	0.022803	0.010673	-0.010998	-0.007516
	-0.031920	-0.034888	0.013505	0.046984	0.012118	-0.003060
	-0.033530	0.008229	0.019393	0.042441	-0.048766	-0.002731
	-0.029923	-0.009620	0.060225	-0.019899	-0.008720	-0.012292
	-0.024872	0.046010	-0.028677	0.032820	-0.011398	-0.036457
	-0.002741					
x265	0.038672	0.011530	-0.004049	0.016609	0.005942	0.003494
	-0.008944	-0.036146	-0.009307	0.052670	-0.020128	0.028831
	-0.040483	0.003447	-0.084249	0.005957	0.024368	-0.002721
	0.023307	-0.016692	-0.063547	0.025336	0.007994	-0.020901
	-0.010211	-0.026508	-0.009716	-0.020656	0.008501	-0.009109
	-0.014939					
y265	-0.004713	-0.000896	-0.003700	-0.003733	0.005065	0.026710
	-0.009840	0.012937	-0.006232	0.031764	0.048431	-0.018547
	-0.000108	-0.012726	0.019294	0.020667	-0.021418	0.010071
	-0.027171	-0.006476	0.088411	-0.032521	-0.052355	0.001810
	-0.010819	0.015668	-0.025185	0.029004	-0.001741	-0.003367
	0.011401					

z265	0.024629	-0.011187	0.013162	0.001157	-0.011309	-0.003091
	-0.047084	-0.027660	0.026508	0.045510	0.015319	0.001451
	-0.022495	-0.004772	0.034624	0.034071	-0.073705	0.002004
	-0.043253	0.006861	0.076937	-0.048088	-0.015904	-0.013905
	-0.011431	0.052350	-0.016664	0.059446	-0.004297	-0.043765
	-0.013299					
x266	0.046871	0.004056	-0.018228	0.014717	0.005893	0.017421
	-0.015967	-0.057981	-0.006625	0.033323	0.016779	0.028926
	-0.028242	0.000963	-0.113829	0.002534	0.025854	-0.015663
	0.018756	-0.016266	-0.052885	0.012574	0.019805	-0.013363
	-0.052767	-0.017452	-0.019457	-0.024541	0.001723	-0.017460
	-0.029681					
y266	0.004427	-0.004887	-0.011474	-0.007759	-0.004063	0.039067
	-0.013895	0.011835	0.005661	0.038976	0.030205	-0.018610
	0.004226	-0.017630	-0.000454	0.005631	-0.035565	-0.017575
	-0.038482	-0.025206	0.088393	-0.012759	-0.049049	-0.001807
	-0.032594	0.022377	-0.021505	0.052995	0.024718	-0.007277
	-0.032468					
z266	0.033745	-0.006881	-0.001374	-0.000932	-0.008207	0.010346
	-0.053809	-0.027284	0.027804	0.046458	0.023477	0.006647
	-0.001230	-0.017838	0.023995	0.018174	-0.074765	0.007949
	-0.057580	0.008052	0.084291	-0.046099	-0.019996	-0.006930
	-0.016094	0.034989	0.020323	0.053627	-0.000336	-0.030881
	-0.010877					
x267	0.051022	0.006503	-0.025289	0.017335	0.005737	0.017028
	-0.035100	-0.074601	-0.004534	0.015334	0.041953	0.017748
	-0.026814	0.015613	-0.123549	0.019576	0.038299	-0.005149
	0.024163	-0.002911	-0.058120	-0.010237	0.059285	-0.010479
	-0.065287	-0.032325	-0.013633	-0.052021	-0.028751	-0.000746
	-0.017085					
y267	0.022666	-0.007897	-0.013413	-0.007140	-0.007187	0.044028
	-0.025834	0.007324	0.010809	0.052797	0.020937	-0.019193
	0.017595	-0.008849	-0.055532	-0.010364	-0.045352	-0.022383
	-0.058510	-0.007677	0.053654	-0.036674	-0.032348	-0.003866
	-0.031893	0.009403	-0.004841	0.050253	0.018562	0.022093
	-0.042941					
z267	0.027022	0.005987	0.003663	-0.005767	-0.027226	0.013094
	-0.048989	0.005688	0.031372	0.069124	-0.037456	-0.008047
	-0.001742	-0.009471	0.043278	0.011707	-0.074673	0.001214
	-0.051759	-0.010016	0.042666	-0.002289	-0.031691	0.000721
	0.005173	0.016291	0.067684	0.013621	-0.005242	-0.000270
	-0.007226					

x268	0.046891	0.007741	-0.021309	0.017289	0.017082	0.012745
	-0.032476	-0.076893	-0.028552	-0.016112	0.090217	0.032181
	-0.034460	-0.005142	-0.115871	0.034600	0.037063	0.033614
	0.054264	0.043363	-0.054078	-0.064362	0.047631	-0.001408
	-0.038186	-0.015755	-0.017875	-0.069496	-0.018631	-0.010327
	-0.025923					
y268	0.045907	0.006668	-0.053477	-0.023985	-0.023455	0.053203
	-0.097126	-0.010457	0.030715	0.057417	0.038426	-0.066468
	0.045360	0.025017	-0.113351	-0.026901	-0.016603	-0.014610
	-0.029598	-0.005147	0.004290	-0.055535	0.066978	-0.001932
	-0.059194	-0.013998	0.017848	0.047393	-0.018777	0.073430
	-0.022638					
z268	0.014883	0.013694	-0.006901	-0.012585	-0.039121	0.025020
	-0.044159	0.019914	0.026937	0.090799	-0.070199	-0.039109
	-0.004608	-0.000137	0.016812	-0.005776	-0.052507	-0.007893
	-0.024766	-0.042253	-0.002087	0.060279	-0.030705	-0.005207
	-0.000397	-0.007824	0.098467	-0.012663	-0.032419	-0.007314
	0.007856					
x269	0.032300	-0.018534	0.035317	0.060538	0.035689	0.002371
	0.077819	-0.088855	-0.074470	-0.056928	0.086697	0.120561
	-0.052456	-0.038222	-0.106040	0.010492	0.029340	-0.049741
	-0.026222	0.107514	-0.003964	-0.110627	-0.031914	-0.013350
	0.018675	-0.006726	-0.037560	-0.078246	0.028332	0.021859
	0.036715					
y269	0.035647	0.024093	-0.114019	-0.048172	-0.065506	0.084772
	-0.115741	-0.043270	-0.017215	0.045108	0.043201	-0.084325
	0.021387	0.033799	-0.124245	-0.033594	-0.048725	0.030392
	0.007646	0.012773	-0.002981	-0.019490	0.024550	-0.036220
	-0.018486	-0.003098	0.046201	-0.045310	-0.059520	0.006069
	-0.002562					
z269	0.031841	-0.022611	0.077204	0.058606	0.041075	0.027750
	0.098708	0.035833	-0.000125	0.079838	-0.021296	0.003883
	0.040649	-0.003575	-0.058842	-0.036712	-0.005948	-0.070996
	-0.046109	-0.025014	0.001715	0.014137	-0.022377	-0.023308
	0.037740	0.000303	0.039805	0.069756	-0.065337	-0.023109
	0.087647					
x270	-0.032826	-0.003282	0.019280	0.007359	-0.013597	0.070355
	0.005024	0.010678	-0.012778	0.008447	0.026152	-0.051921
	-0.023701	-0.028675	-0.017281	0.034005	0.067181	0.008229
	-0.020240	-0.019340	0.075019	-0.042308	-0.029086	-0.036951
	-0.039788	0.009453	0.066223	0.013424	0.010811	-0.010848
	0.052829					

y270	0.007267	-0.008740	0.000055	-0.005566	-0.046819	0.017433
	-0.005643	0.014898	-0.020209	0.036608	0.026927	0.054005
	0.017664	-0.024789	0.058507	0.013399	-0.024990	-0.018824
	-0.103246	0.010107	-0.052607	0.016384	0.023309	0.095945
	0.006216	-0.029456	0.070742	-0.032329	-0.023556	-0.009769
	0.045097					
z270	-0.085631	0.006417	0.017636	-0.006644	-0.106679	0.035874
	-0.029099	0.044452	0.058014	-0.003363	-0.054597	-0.027728
	0.000034	0.035048	0.105782	0.012750	-0.022069	-0.092146
	-0.017950	-0.029835	0.000228	0.046701	-0.012055	0.049054
	0.052753	0.110691	-0.017312	-0.086493	0.055191	0.000083
	0.096943					
x271	-0.020956	-0.002454	0.019076	-0.006933	-0.019288	0.068739
	-0.003779	0.003908	-0.002415	0.015330	0.021917	-0.051845
	-0.026730	-0.027891	-0.045628	0.039289	0.090339	0.003240
	-0.052353	-0.043772	0.032414	0.021009	0.012167	0.009985
	-0.001511	-0.012879	0.067980	-0.044179	-0.016491	-0.024645
	-0.036429					
y271	0.022769	-0.016699	-0.007315	0.012106	-0.006814	0.004454
	0.000892	-0.009621	-0.037760	0.030985	0.038823	0.043749
	0.009821	-0.030239	0.052890	0.000166	-0.023735	-0.000758
	-0.087927	0.008832	-0.030427	-0.015829	-0.002429	0.044455
	-0.038143	-0.033711	0.042272	0.012785	-0.018399	0.003228
	0.071249					
z271	-0.013303	0.003032	0.004349	-0.014598	0.005009	-0.000772
	0.004262	0.016001	-0.000468	0.002019	-0.017350	-0.020566
	-0.007739	0.009541	-0.003700	0.000566	0.034787	-0.022968
	0.010024	-0.037988	-0.016216	-0.018612	-0.008095	0.002144
	0.030969	-0.003394	-0.026958	-0.036637	-0.002711	-0.026174
	-0.028837					
x272	-0.023298	-0.004821	0.030370	0.002273	-0.023532	0.060303
	-0.013072	0.013167	0.006861	0.014884	0.006139	-0.050245
	-0.029276	-0.020631	-0.013692	0.025168	0.060552	0.012647
	-0.051933	-0.044026	0.037425	0.010899	0.012802	0.005139
	0.017360	-0.013113	0.045209	-0.032857	-0.013087	-0.032451
	-0.034169					
y272	0.016718	-0.024220	-0.011573	0.011067	-0.006516	-0.000805
	0.001008	-0.015738	-0.031057	0.022729	0.037911	0.034460
	0.010332	-0.024537	0.077379	0.001592	-0.022150	-0.006908
	-0.076046	0.009559	-0.029386	0.003456	0.001099	0.048860
	-0.038115	-0.030342	0.043376	0.015133	-0.018215	-0.003760
	0.057640					

z272	-0.002681	0.006165	0.011491	-0.011223	0.007410	-0.010407
	0.001597	0.020274	-0.002155	0.001504	-0.017022	-0.005320
	-0.008929	0.005515	-0.000563	0.004733	0.002538	0.004557
	0.011915	-0.005963	-0.012146	-0.009478	-0.029168	0.002794
	0.036910	-0.000370	-0.017203	-0.022787	0.004582	-0.008177
	-0.011856					
x273	-0.024137	-0.008594	0.034429	0.006752	-0.020152	0.049091
	-0.015469	0.013375	0.015478	0.007036	0.006597	-0.050360
	-0.023997	-0.021906	0.002394	0.017545	0.042611	0.014236
	-0.054337	-0.020485	0.044419	0.014673	0.017921	-0.002340
	0.016007	-0.012405	0.032426	-0.015565	-0.013926	-0.031706
	-0.041803					
y273	0.009559	-0.028142	-0.020964	0.013783	-0.009384	0.001710
	-0.003508	-0.024335	-0.025996	0.019929	0.040747	0.026561
	0.013197	-0.022158	0.077697	0.001440	-0.012467	-0.010125
	-0.068085	0.002208	-0.033665	0.014244	0.000437	0.047314
	-0.040513	-0.027287	0.035428	0.004452	-0.011003	-0.018024
	0.047618					
z273	-0.003157	0.003031	0.008800	-0.009776	0.006871	-0.012271
	0.003310	0.021604	-0.000354	-0.007248	-0.012685	-0.001124
	0.000828	0.005328	0.009476	0.003380	-0.013069	0.005330
	0.012171	0.005081	0.005561	0.007655	-0.033661	-0.004246
	0.020350	0.007749	-0.007809	-0.009345	0.010834	-0.005203
	0.004844					
x274	-0.027169	-0.012633	0.039086	0.010481	-0.016558	0.041279
	-0.019218	0.019509	0.010630	0.000055	0.000813	-0.051364
	-0.019613	-0.018406	0.025222	0.001618	0.022508	0.017424
	-0.060356	-0.009552	0.051077	0.014685	0.035294	-0.009694
	0.013142	-0.004715	0.001573	-0.000941	0.003719	-0.016174
	-0.018333					
y274	0.002420	-0.031107	-0.029387	0.016701	-0.012141	0.003137
	-0.008442	-0.029920	-0.018825	0.018559	0.042195	0.020664
	0.014397	-0.019231	0.075024	0.004498	-0.004797	-0.011648
	-0.060319	-0.001595	-0.037998	0.016149	-0.003629	0.044883
	-0.034712	-0.025191	0.030622	-0.005546	-0.008255	-0.032246
	0.035042					
z274	-0.002440	0.001862	0.005714	-0.007823	0.003369	-0.010792
	0.004044	0.018019	-0.002209	-0.005035	-0.013601	-0.002109
	0.002884	0.000557	0.006820	0.004524	-0.010980	0.000046
	0.011010	-0.007852	-0.002291	0.028728	-0.031203	-0.003256
	0.003591	0.005988	0.002020	-0.006347	0.014032	0.004054
	-0.001366					

x275	-0.027709	-0.013477	0.040516	0.016228	-0.016507	0.035305
	-0.018443	0.013076	0.013799	-0.000225	-0.001815	-0.050706
	-0.018495	-0.020431	0.029842	-0.003710	0.018986	0.020176
	-0.057865	-0.008142	0.040675	0.019860	0.036117	-0.006843
	0.003709	-0.009531	-0.005797	0.009589	-0.001106	-0.006193
	-0.022038					
y275	-0.005270	-0.032865	-0.039144	0.021167	-0.014838	0.003934
	-0.015287	-0.036136	-0.010786	0.018013	0.044859	0.016754
	0.015985	-0.015721	0.068387	0.007178	0.002659	-0.010148
	-0.055186	-0.002132	-0.042661	0.014049	-0.006340	0.039657
	-0.023798	-0.021493	0.021755	-0.012938	-0.002140	-0.046939
	0.024387					
z275	-0.001186	0.000847	0.000993	-0.006237	0.000988	-0.006580
	0.001763	0.015354	-0.009236	-0.004190	-0.009856	-0.000066
	0.000312	-0.000959	-0.007811	0.006748	-0.008314	0.007862
	0.000190	-0.011642	-0.015508	0.027902	-0.022485	-0.004431
	0.003386	0.004756	-0.002503	-0.015817	0.022933	0.010471
	0.000670					
x276	-0.028597	-0.015598	0.041230	0.020105	-0.015578	0.028846
	-0.019552	0.009021	0.018536	0.001378	0.001771	-0.047191
	-0.015375	-0.019987	0.031807	-0.007463	0.021124	0.021687
	-0.052883	-0.001518	0.027562	0.020989	0.027476	-0.006178
	0.003412	-0.015143	-0.006665	0.019190	-0.010333	-0.006398
	-0.019063					
y276	-0.012600	-0.033767	-0.049143	0.026322	-0.016810	0.004194
	-0.021034	-0.042485	-0.001681	0.017427	0.045316	0.013797
	0.017830	-0.012757	0.062351	0.010161	0.007436	-0.008285
	-0.050437	-0.002142	-0.043871	0.014832	-0.006260	0.033660
	-0.016216	-0.017228	0.013329	-0.016649	0.003508	-0.057698
	0.012928					
z276	-0.002941	-0.001979	-0.006084	-0.002187	-0.001940	-0.006483
	-0.000290	0.009229	-0.009149	-0.005539	-0.006241	0.002742
	0.005933	-0.003502	-0.008246	0.012391	-0.004698	0.011597
	-0.003141	-0.012443	-0.018718	0.027053	-0.025264	-0.001642
	0.004309	0.002680	0.004129	-0.021378	0.019168	0.006670
	-0.001567					
x277	-0.030687	-0.018386	0.037275	0.024689	-0.014301	0.024314
	-0.022251	0.005205	0.019403	0.003897	0.003638	-0.039506
	-0.007772	-0.014115	0.036848	-0.012675	0.021975	0.024309
	-0.053514	0.006346	0.010997	0.020764	0.035259	-0.004391
	0.003790	-0.021556	-0.013723	0.017964	-0.007359	-0.008183
	-0.018989					

y277	-0.019139	-0.034228	-0.057946	0.031392	-0.017497	0.003414
	-0.026139	-0.046394	0.008171	0.016353	0.044395	0.009443
	0.019005	-0.011895	0.053462	0.012497	0.013104	-0.007189
	-0.046916	-0.001986	-0.043348	0.017295	-0.007172	0.026501
	-0.011564	-0.014685	0.005679	-0.020847	0.004478	-0.065391
	0.004770					
z277	-0.005002	-0.005129	-0.012969	0.000858	-0.003136	-0.007102
	-0.001926	0.004619	-0.009863	-0.006234	0.002398	0.008317
	0.008000	-0.007098	-0.005923	0.019845	-0.003164	0.016123
	-0.003313	-0.007112	-0.017303	0.006296	-0.031954	-0.005356
	0.020940	0.002551	0.005083	-0.012452	0.010838	-0.002451
	0.002922					
x278	-0.033758	-0.020547	0.033249	0.028505	-0.014262	0.019734
	-0.022114	0.001745	0.024753	0.004764	0.004603	-0.031128
	-0.006356	-0.011090	0.041526	-0.015238	0.021224	0.028101
	-0.056048	0.010294	0.002000	0.015382	0.039985	-0.004708
	0.006216	-0.025634	-0.026957	0.024392	-0.014878	0.004983
	-0.019849					
y278	-0.023085	-0.034200	-0.062961	0.035447	-0.013110	-0.002054
	-0.028475	-0.046097	0.013789	0.013307	0.046595	0.008598
	0.021202	-0.014050	0.040710	0.014398	0.012507	0.002950
	-0.040607	0.016073	-0.040916	0.005425	-0.009250	0.015001
	-0.000834	-0.017773	-0.002454	-0.016057	0.007845	-0.070948
	0.011444					
z278	-0.007472	-0.010300	-0.022956	0.002856	-0.000724	-0.007537
	-0.001302	-0.002063	-0.006691	-0.012768	0.009907	0.012539
	0.006225	-0.006348	-0.002733	0.029545	-0.001451	0.018369
	-0.003262	-0.001512	-0.008766	-0.010877	-0.030464	-0.011230
	0.036051	0.008299	-0.003394	-0.001057	0.006058	-0.009491
	0.007260					
x279	-0.039961	-0.020135	0.026062	0.031547	-0.017254	0.020831
	-0.018851	0.000010	0.030518	0.007105	0.003135	-0.029950
	-0.008268	-0.011676	0.047285	-0.013846	0.028766	0.024314
	-0.055917	0.018817	-0.006127	0.010586	0.044883	-0.011337
	0.014245	-0.028265	-0.020252	0.019980	-0.026816	-0.003793
	-0.023197					
y279	-0.027741	-0.029251	-0.057334	0.036229	-0.008014	-0.006855
	-0.027293	-0.035714	0.012218	0.007222	0.055625	0.012455
	0.025460	-0.016549	0.038766	0.016571	0.003309	0.018278
	-0.026823	0.048113	-0.039659	-0.028436	-0.012097	-0.003252
	0.047172	-0.013241	-0.012447	-0.002533	0.011630	-0.081469
	0.049810					

z279	-0.012313	-0.016459	-0.039116	0.008813	-0.002115	-0.003056
	-0.003542	-0.013048	-0.002976	-0.020312	0.013346	0.008912
	0.007378	-0.007649	-0.003323	0.038821	0.008186	0.006821
	-0.011752	-0.011817	-0.012721	-0.003787	-0.020946	-0.013478
	0.035326	0.007868	0.002112	-0.004613	-0.004024	-0.009572
	0.000327					
x280	-0.048116	-0.015955	0.019166	0.038620	-0.023907	0.026474
	-0.020296	0.004024	0.031611	0.012830	0.009529	-0.025837
	-0.007190	-0.013503	0.044512	-0.020080	0.038368	0.024268
	-0.053030	0.018365	-0.020570	0.009331	0.047297	-0.006681
	0.019413	-0.025349	-0.005462	0.010030	-0.020652	-0.005591
	-0.023609					
y280	-0.036457	-0.023475	-0.056186	0.037199	-0.011355	-0.005411
	-0.027873	-0.026091	0.019215	0.005402	0.039828	-0.005321
	0.021312	-0.019920	0.035745	0.015208	0.015227	0.005247
	-0.022333	0.019012	-0.044904	-0.008331	0.001948	-0.003306
	0.034751	-0.009818	-0.007757	-0.014627	0.006230	-0.082488
	0.032069					
z280	-0.020537	-0.019936	-0.057985	0.017771	-0.008199	0.002154
	-0.010385	-0.025051	-0.000582	-0.019025	0.012466	0.000084
	0.005752	-0.011956	0.001713	0.043730	0.027445	-0.012197
	-0.013455	-0.049903	-0.019739	0.024789	-0.012658	-0.012432
	0.014602	0.003773	0.012745	-0.018437	-0.012974	-0.021254
	-0.021105					
x281	-0.054837	-0.014295	0.011716	0.044189	-0.026649	0.031273
	-0.025272	0.011131	0.035268	0.016767	0.016434	-0.018855
	-0.010185	-0.018030	0.040114	-0.030170	0.042211	0.020695
	-0.046780	0.011669	-0.027574	0.007761	0.046625	-0.003145
	0.019068	-0.019786	-0.001820	0.004815	-0.014381	-0.001022
	-0.013203					
y281	-0.040444	-0.019107	-0.053875	0.037943	-0.010051	-0.013042
	-0.025143	-0.015792	0.028150	0.005751	0.018981	-0.020354
	0.013599	-0.025856	0.023961	0.015304	0.026652	0.006010
	-0.023866	0.004337	-0.048247	0.009126	0.013561	0.001162
	0.011466	-0.012549	-0.000535	-0.023050	-0.004487	-0.065055
	0.013618					
z281	-0.026325	-0.020678	-0.070027	0.025285	-0.007550	-0.006144
	-0.013310	-0.030282	0.004203	-0.018241	0.014943	0.001482
	0.007666	-0.017894	0.010946	0.049801	0.033714	-0.009481
	-0.014180	-0.051644	-0.022422	0.021241	-0.012564	-0.014845
	0.009579	-0.004971	0.005462	-0.017369	-0.012679	-0.036461
	-0.026989					

x282	-0.060283	-0.012240	0.005845	0.048700	-0.026433	0.030477
	-0.024767	0.018640	0.043875	0.020741	0.023023	-0.010739
	-0.011545	-0.024918	0.040972	-0.034279	0.047514	0.024065
	-0.039768	0.025768	-0.029567	0.008961	0.039535	-0.000671
	0.016859	-0.020730	0.003939	0.006820	-0.017162	-0.002922
	-0.010871					
y282	-0.040946	-0.015094	-0.047418	0.037985	-0.007657	-0.017145
	-0.026085	-0.004159	0.028356	0.005324	0.001279	-0.030140
	0.002187	-0.030404	0.007801	0.008974	0.030852	0.011138
	-0.021648	-0.010346	-0.045496	0.015476	0.017235	0.006950
	-0.000607	-0.005201	0.005596	-0.030988	-0.006804	-0.038393
	0.014801					
z282	-0.032011	-0.020496	-0.078959	0.030755	-0.005943	-0.014438
	-0.015662	-0.027199	0.009548	-0.019096	0.007746	-0.003081
	0.003890	-0.021602	0.015636	0.048949	0.034510	-0.008826
	-0.019795	-0.052514	-0.023613	0.012517	-0.003994	-0.018391
	0.004117	-0.006871	-0.005691	-0.021480	-0.009547	-0.039347
	-0.022407					
x283	-0.064594	-0.010127	-0.000025	0.050052	-0.025814	0.032717
	-0.025501	0.030654	0.052920	0.022018	0.024636	-0.007412
	-0.014578	-0.031374	0.045108	-0.039039	0.050116	0.022097
	-0.034415	0.035850	-0.024339	0.016271	0.037048	0.001116
	0.011076	-0.019360	0.006444	0.007948	-0.015760	0.003310
	-0.000838					
y283	-0.040533	-0.011319	-0.039154	0.038159	-0.004301	-0.019764
	-0.026589	0.003940	0.027164	0.001680	-0.010767	-0.033745
	-0.006595	-0.031225	-0.002835	0.004667	0.027837	0.017062
	-0.017595	-0.013919	-0.038104	0.020519	0.011235	0.006494
	-0.006996	0.005371	0.013471	-0.028210	-0.006294	-0.012994
	0.019837					
z283	-0.035236	-0.018278	-0.082750	0.036586	-0.003977	-0.023577
	-0.017210	-0.025019	0.013017	-0.017653	0.001061	-0.007712
	-0.005043	-0.026973	0.012680	0.044811	0.039780	-0.001571
	-0.018927	-0.056881	-0.031296	0.002441	-0.004465	-0.012087
	0.002961	-0.005209	-0.002473	-0.026187	-0.013292	-0.040571
	-0.016680					
x284	-0.065130	-0.006246	-0.001984	0.053114	-0.024800	0.038583
	-0.027599	0.040844	0.056867	0.021967	0.026628	-0.009361
	-0.019032	-0.039336	0.039236	-0.044350	0.047869	0.024599
	-0.021203	0.045062	-0.021300	0.019430	0.031718	0.006090
	0.006004	-0.016020	0.009988	0.005752	-0.010907	0.012769
	0.009463					

y284	-0.037725	-0.009079	-0.030785	0.036440	-0.000875	-0.019725
	-0.024583	0.007274	0.024177	-0.003018	-0.016667	-0.032204
	-0.013249	-0.028597	-0.006049	0.004180	0.021930	0.018502
	-0.015438	-0.013035	-0.030586	0.022922	0.006502	0.001001
	-0.008449	0.013161	0.015048	-0.015807	-0.006098	0.011780
	0.022943					
z284	-0.039755	-0.014622	-0.085305	0.041902	-0.002548	-0.032245
	-0.020361	-0.020706	0.018855	-0.014989	-0.008730	-0.012107
	-0.014983	-0.030708	0.011754	0.040483	0.044443	0.005052
	-0.023484	-0.056189	-0.034562	0.001415	-0.011418	-0.011093
	-0.003580	0.006237	0.009080	-0.031352	-0.015595	-0.031862
	-0.003201					
x285	-0.063074	-0.002557	-0.000776	0.054422	-0.022689	0.045462
	-0.029953	0.046844	0.056802	0.017555	0.029496	-0.005236
	-0.024552	-0.044068	0.038731	-0.041984	0.041339	0.023441
	-0.006835	0.051767	-0.014635	0.016448	0.022773	0.016096
	0.008983	-0.011838	0.020544	0.006467	-0.014913	0.018610
	0.021790					
y285	-0.031142	-0.008840	-0.022465	0.031867	0.001918	-0.013641
	-0.021524	0.008417	0.018396	-0.005676	-0.017627	-0.026764
	-0.018175	-0.024881	-0.007698	0.004385	0.017659	0.014161
	-0.010937	-0.021727	-0.024731	0.022666	0.008440	0.001459
	-0.007903	0.008111	0.011364	-0.006393	-0.006490	0.029896
	0.018737					
z285	-0.043260	-0.010820	-0.086212	0.047291	-0.001645	-0.036828
	-0.024518	-0.013879	0.024409	-0.013126	-0.017773	-0.021137
	-0.027585	-0.033501	0.010626	0.033229	0.040846	0.012821
	-0.026308	-0.051957	-0.037130	0.003477	-0.019409	-0.017380
	-0.010394	0.023379	0.016911	-0.029136	-0.010702	-0.014399
	0.016939					
x286	-0.058698	-0.000630	0.000587	0.052161	-0.020238	0.053293
	-0.026807	0.049998	0.055773	0.012459	0.030975	-0.001213
	-0.035562	-0.044994	0.041653	-0.038392	0.037481	0.013916
	0.008263	0.043262	-0.010553	0.008404	0.014889	0.029368
	0.007850	-0.013203	0.024440	0.009453	-0.008499	0.029989
	0.032998					
y286	-0.024029	-0.008570	-0.013345	0.026932	0.002876	-0.007176
	-0.018579	0.008373	0.012411	-0.007911	-0.015350	-0.022024
	-0.020590	-0.022518	-0.007793	0.002427	0.008988	0.010638
	-0.007794	-0.024402	-0.010812	0.028273	0.009946	-0.000802
	-0.006053	0.007092	0.000373	0.004198	-0.005096	0.035115
	0.002669					

z286	-0.042307	-0.007134	-0.083166	0.051006	-0.000305	-0.034931
	-0.028538	-0.009439	0.025834	-0.013181	-0.019846	-0.026030
	-0.038390	-0.035098	0.006517	0.028344	0.031425	0.017319
	-0.020743	-0.050050	-0.037435	0.001046	-0.027013	-0.017673
	-0.005972	0.035082	0.025917	-0.016876	-0.015049	0.005069
	0.027749					
x287	-0.051101	0.003896	0.003385	0.048889	-0.015667	0.058997
	-0.025982	0.050397	0.050728	0.007210	0.033509	-0.002453
	-0.044530	-0.042301	0.032923	-0.034281	0.027949	0.012468
	0.021032	0.047633	-0.001581	0.003109	0.012355	0.034919
	0.001813	-0.013198	0.019107	0.014554	-0.003276	0.031116
	0.032829					
y287	-0.017363	-0.006799	-0.004369	0.020367	0.002267	-0.001194
	-0.014106	0.010447	0.005878	-0.009200	-0.010041	-0.017208
	-0.020386	-0.021996	-0.005145	0.002423	0.002435	0.009713
	-0.007962	-0.017121	0.002326	0.029103	0.015142	-0.006417
	0.000065	0.006533	-0.015716	0.016780	-0.002067	0.030419
	-0.014345					
z287	-0.039115	-0.005010	-0.078341	0.052866	0.001302	-0.030986
	-0.032922	-0.009575	0.027822	-0.012468	-0.019223	-0.028979
	-0.046022	-0.031461	0.005960	0.024678	0.020856	0.007794
	-0.016465	-0.059872	-0.036364	-0.000298	-0.028387	-0.012133
	0.003150	0.039438	0.031223	-0.000713	-0.019097	0.022511
	0.030012					
x288	-0.042647	0.009256	0.007000	0.042956	-0.008518	0.053374
	-0.027505	0.047565	0.041433	0.002078	0.032736	-0.001755
	-0.040349	-0.038170	0.024258	-0.032228	0.024021	0.015488
	0.011041	0.053206	0.010754	-0.000200	0.009746	0.037562
	-0.005771	-0.011227	0.014944	0.014831	0.004811	0.031111
	0.022173					
y288	-0.011969	-0.004575	0.003975	0.010476	0.002925	0.005005
	-0.006843	0.015233	0.004025	-0.002129	-0.006603	-0.012852
	-0.014736	-0.019755	0.002542	0.005582	0.006384	0.004565
	-0.015677	-0.005765	0.004684	0.031030	0.029327	-0.002597
	-0.004180	-0.007546	-0.018907	0.011448	0.002262	0.028358
	-0.019435					
z288	-0.032160	-0.003882	-0.071743	0.052578	0.005425	-0.027660
	-0.037263	-0.011021	0.026581	-0.012647	-0.018523	-0.026734
	-0.048964	-0.020566	-0.003111	0.023534	0.007749	-0.000497
	-0.011000	-0.069210	-0.043291	-0.000728	-0.023527	-0.008532
	0.007332	0.027683	0.018768	0.010558	-0.021164	0.035423
	0.021519					

x289	-0.031957	0.010977	0.010832	0.037313	-0.005314	0.051303
	-0.031961	0.043285	0.035775	0.000079	0.029367	-0.000474
	-0.048477	-0.030306	0.015556	-0.034940	0.029331	0.011940
	0.010498	0.029675	0.014491	0.006833	0.000933	0.038325
	-0.005345	-0.003710	-0.005379	0.018552	0.025681	0.045490
	0.025467					
y289	-0.008021	-0.001167	0.008514	0.002417	0.005460	0.008794
	-0.001668	0.016119	0.004759	0.004538	-0.004703	-0.006602
	-0.010616	-0.016857	-0.000590	0.007059	0.014298	0.001924
	-0.015559	0.004000	0.000571	0.038358	0.036186	-0.001121
	-0.011446	-0.011789	-0.017432	0.007978	0.007824	0.021899
	-0.019571					
z289	-0.023997	-0.004227	-0.066398	0.050294	0.012522	-0.034496
	-0.039483	-0.009253	0.024392	-0.011647	-0.024169	-0.027411
	-0.041715	-0.016467	-0.002689	0.021968	-0.001944	-0.003468
	-0.013550	-0.062905	-0.051447	-0.008537	-0.011735	-0.001755
	0.010058	0.008108	0.010866	0.018711	-0.020383	0.031152
	0.009020					
x290	-0.020063	0.010547	0.015492	0.035975	-0.000045	0.047611
	-0.032639	0.037470	0.028669	-0.002407	0.029204	-0.006897
	-0.055894	-0.029302	0.015012	-0.037580	0.029744	0.008680
	0.022179	0.016867	0.018311	0.009642	-0.006118	0.054064
	-0.005811	0.001051	-0.010503	0.029456	0.014542	0.039034
	0.009303					
y290	-0.004324	0.003006	0.012895	0.001882	0.005128	0.013160
	-0.002388	0.013786	-0.000426	0.006935	0.000766	0.002820
	-0.010516	-0.017132	-0.004390	0.003647	0.016927	0.003992
	-0.007796	0.008875	0.008379	0.027825	0.029494	0.005140
	-0.007194	-0.005381	-0.017072	0.011752	0.007083	0.009574
	-0.013300					
z290	-0.016497	-0.004003	-0.064879	0.047309	0.017988	-0.034073
	-0.042318	-0.005200	0.019880	-0.008868	-0.026804	-0.031265
	-0.038104	-0.013785	-0.003504	0.012298	-0.011092	-0.008288
	-0.012881	-0.062532	-0.051075	-0.016106	0.000015	0.001102
	0.010750	-0.001704	-0.006347	0.025811	-0.001164	0.032887
	0.007454					
x291	-0.009001	0.010991	0.018398	0.034408	0.007962	0.045647
	-0.035854	0.036623	0.017076	-0.005807	0.024496	-0.008223
	-0.046598	-0.023825	0.015171	-0.037046	0.022320	0.012236
	0.005248	0.030039	0.024902	0.001977	0.001606	0.061707
	-0.016122	-0.001100	-0.022743	0.012860	0.021103	0.025976
	0.017737					

y291	-0.000472	0.005947	0.016328	0.001711	0.003922	0.016851
	-0.004828	0.012824	-0.004887	0.010188	0.003955	0.010460
	-0.012899	-0.013174	-0.005380	-0.000480	0.014885	0.004994
	-0.007284	0.006904	0.015901	0.012198	0.023533	0.010328
	0.000249	-0.000745	-0.019633	0.008489	0.011421	0.003172
	0.001889					
z291	-0.009058	-0.000698	-0.061179	0.044396	0.022018	-0.036177
	-0.042388	-0.006441	0.017140	-0.006137	-0.026263	-0.032584
	-0.033339	-0.012758	-0.008941	0.002666	-0.009740	-0.014937
	-0.005402	-0.063984	-0.043468	-0.017284	0.002535	0.007612
	0.010739	-0.008346	-0.006212	0.039731	0.006033	0.029527
	-0.006743					
x292	0.002374	0.010784	0.020821	0.029768	0.013564	0.041878
	-0.035712	0.035619	0.007352	-0.008658	0.021957	-0.008286
	-0.043305	-0.017620	0.013458	-0.041335	0.016559	0.013124
	-0.002088	0.028524	0.028647	-0.003072	0.005301	0.065421
	-0.021197	-0.001649	-0.039824	0.013407	0.025064	0.022826
	0.027357					
y292	0.003741	0.008510	0.016191	0.000428	0.002385	0.017974
	-0.002991	0.010614	-0.008166	0.013837	0.004072	0.014858
	-0.010689	-0.010438	-0.005135	-0.001140	0.018610	0.004275
	-0.007872	0.007173	0.020006	0.010728	0.016366	0.011897
	-0.006199	-0.000958	-0.015174	0.000784	0.010744	-0.002953
	0.002470					
z292	-0.001374	0.003265	-0.056777	0.042339	0.028130	-0.036793
	-0.041989	-0.007386	0.011438	-0.003884	-0.024892	-0.031975
	-0.025353	-0.012216	-0.010864	-0.007544	-0.009368	-0.018432
	-0.003214	-0.057112	-0.034880	-0.024353	0.008597	0.014206
	0.012043	-0.014647	-0.003703	0.046219	0.014536	0.022588
	-0.015792					
x293	0.013884	0.010053	0.023028	0.027993	0.017171	0.036173
	-0.032399	0.028721	0.003627	-0.008949	0.017769	-0.013452
	-0.040484	-0.013953	0.017110	-0.038362	0.015622	0.014537
	0.000932	0.024685	0.018979	0.001610	0.004672	0.068951
	-0.025679	-0.009940	-0.035010	0.017875	0.020334	0.018426
	0.012939					
y293	0.009018	0.010782	0.018985	-0.000739	0.001263	0.017845
	-0.001972	0.007624	-0.007207	0.016469	0.004386	0.014683
	-0.013913	-0.006938	-0.004748	0.001405	0.016498	0.006839
	-0.001132	0.005183	0.017662	0.012523	0.005027	0.011919
	-0.009304	-0.002234	-0.015239	-0.000701	0.010360	-0.005015
	-0.002637					

z293	0.005695	0.008304	-0.050846	0.039904	0.033975	-0.036350
	-0.041839	-0.007843	0.002819	-0.004718	-0.019927	-0.026664
	-0.017007	-0.010632	-0.012335	-0.021350	-0.008888	-0.020184
	-0.002425	-0.048811	-0.017489	-0.032904	0.012972	0.019196
	0.011843	-0.014288	-0.004934	0.051543	0.023252	0.016115
	-0.017466					
x294	0.023982	0.008920	0.023197	0.027988	0.020512	0.033832
	-0.029912	0.022010	-0.001053	-0.009875	0.018554	-0.017784
	-0.033723	-0.013482	0.022091	-0.035407	0.011074	0.011917
	-0.002190	0.028022	0.009548	0.003102	0.002443	0.075218
	-0.028099	-0.023971	-0.025925	0.014784	0.012317	0.008577
	0.001380					
y294	0.014650	0.009559	0.020027	0.000326	0.001684	0.019595
	-0.002364	0.008740	-0.003959	0.018382	0.004574	0.009890
	-0.018270	-0.005810	0.002696	0.009240	0.003050	0.007618
	0.001997	0.011339	0.003080	0.010961	-0.001314	0.013408
	-0.010701	-0.015286	-0.020179	-0.007217	0.008185	-0.002720
	-0.002235					
z294	0.012892	0.013598	-0.044315	0.038267	0.039109	-0.036244
	-0.041010	-0.008389	-0.004476	-0.005854	-0.016958	-0.021206
	-0.009554	-0.009243	-0.009905	-0.033793	-0.008428	-0.020117
	-0.002640	-0.042127	-0.004362	-0.038876	0.017079	0.021308
	0.008671	-0.014638	-0.006631	0.050489	0.029831	0.011688
	-0.019410					
x295	0.032498	0.008399	0.021822	0.022231	0.023765	0.033837
	-0.026659	0.020330	-0.007123	-0.011071	0.015027	-0.018652
	-0.034561	-0.009352	0.023015	-0.038923	0.007144	0.005230
	-0.006702	0.013141	0.007375	-0.001387	0.009443	0.071325
	-0.023617	-0.029034	-0.031108	0.009903	0.014112	0.007311
	0.000910					
y295	0.019894	0.008139	0.021291	0.000395	0.000337	0.023612
	-0.003339	0.013108	-0.003182	0.020141	0.002490	0.002706
	-0.022973	-0.007437	0.008479	0.013997	-0.006371	0.006150
	0.004591	0.015015	0.000714	0.005718	-0.003475	0.011923
	-0.008678	-0.019136	-0.025986	-0.014602	0.008558	-0.003161
	0.003414					
z295	0.020626	0.019033	-0.036417	0.037786	0.044163	-0.035859
	-0.039835	-0.009885	-0.011634	-0.007929	-0.010680	-0.013499
	-0.000609	-0.008098	-0.004645	-0.046746	-0.008348	-0.017198
	-0.003040	-0.031700	0.005202	-0.044113	0.019194	0.025663
	0.003554	-0.015090	-0.006079	0.044016	0.033948	0.004535
	-0.019674					

x296	0.039817	0.012390	0.023077	0.019073	0.025736	0.025893
	-0.024527	0.010300	-0.013481	-0.010618	0.016645	-0.011380
	-0.026347	-0.009206	0.021509	-0.044727	0.015564	0.007542
	-0.005103	0.005914	0.026095	-0.002256	0.004028	0.065237
	-0.028672	-0.015677	-0.016477	0.010993	0.012288	-0.006854
	-0.004002					
y296	0.025040	0.007100	0.025808	0.000052	0.000259	0.022450
	-0.006167	0.014355	-0.008477	0.020198	0.006077	0.000426
	-0.021689	-0.004389	0.004613	0.011620	-0.006910	0.003767
	0.010860	0.020679	0.014308	-0.002501	-0.020239	0.016364
	-0.003485	-0.011763	-0.020376	-0.012583	0.005113	-0.017653
	0.006654					
z296	0.028367	0.022467	-0.029040	0.037700	0.048046	-0.030126
	-0.036143	-0.010398	-0.014683	-0.012828	-0.005084	-0.009330
	0.000465	-0.007811	0.007611	-0.054942	-0.016666	-0.012744
	-0.000574	-0.021036	-0.000037	-0.044619	0.019712	0.027861
	-0.001612	-0.021372	-0.007147	0.031338	0.033058	0.003259
	-0.022490					
x297	0.044565	0.012700	0.020744	0.011831	0.026805	0.019822
	-0.021477	0.007465	-0.017901	-0.009129	0.020243	-0.002790
	-0.022724	-0.007972	0.021401	-0.044891	0.007760	0.012808
	-0.001742	0.006416	0.030437	-0.005937	0.007668	0.046233
	-0.019963	-0.014676	-0.021771	0.012113	0.018632	-0.011901
	-0.009276					
y297	0.029903	0.004120	0.027358	-0.002372	0.002202	0.022846
	-0.009592	0.017956	-0.011035	0.019346	0.005828	-0.002010
	-0.027929	0.002242	-0.001752	0.009045	-0.009766	0.006913
	0.013249	0.022279	0.014703	-0.005740	-0.031382	0.013877
	-0.002253	-0.009675	-0.026312	-0.008525	0.005311	-0.013204
	0.012395					
z297	0.035555	0.027606	-0.019553	0.032612	0.048067	-0.026266
	-0.031423	-0.010744	-0.015022	-0.016843	0.006925	0.003084
	0.011812	-0.002996	0.017965	-0.067639	-0.010081	-0.004004
	0.002107	-0.015812	0.003163	-0.041598	0.029340	0.030224
	-0.013026	-0.028979	-0.010780	0.020916	0.039703	-0.005213
	-0.022570					
x298	0.047091	0.009505	0.018877	0.005925	0.025445	0.016846
	-0.016698	0.003516	-0.022410	-0.011344	0.021192	-0.001419
	-0.016743	-0.001851	0.026111	-0.040931	0.000290	0.013413
	-0.000703	0.008376	0.021148	-0.005632	0.002707	0.039780
	-0.013283	-0.009853	-0.019212	0.006769	0.006558	-0.017001
	-0.011770					

y298	0.037358	0.002566	0.025263	-0.003572	0.004498	0.023101
	-0.009039	0.016041	-0.009467	0.018765	0.004048	-0.008975
	-0.036692	0.001316	0.001976	0.013282	-0.012336	0.009393
	0.008008	0.017877	0.002670	-0.002193	-0.026074	0.008544
	-0.005751	-0.012204	-0.033435	-0.000998	0.002026	-0.002920
	0.014358					
z298	0.045491	0.031826	-0.009704	0.027317	0.049125	-0.022161
	-0.031575	-0.010855	-0.020597	-0.017891	0.015123	0.012113
	0.024054	0.001496	0.026559	-0.074869	-0.002458	0.007268
	0.008011	-0.011851	0.002030	-0.036798	0.026833	0.028008
	-0.016814	-0.023467	-0.015325	0.007470	0.033539	-0.014560
	-0.030959					
x299	0.047548	0.007584	0.017483	0.002697	0.022127	0.012099
	-0.014869	0.000103	-0.021850	-0.011969	0.018123	-0.000963
	-0.014855	0.000363	0.026565	-0.035823	-0.009687	0.017288
	-0.001855	0.009264	0.007754	-0.006122	-0.004806	0.031072
	-0.009411	0.001567	-0.020448	0.006531	-0.006497	-0.007237
	-0.011460					
y299	0.044586	0.001552	0.024782	-0.001393	0.005996	0.019560
	-0.010956	0.009962	-0.012126	0.020720	0.002293	-0.014336
	-0.041719	-0.002284	0.004050	0.015100	-0.020710	0.013317
	0.000258	0.015477	-0.007956	-0.007069	-0.023520	0.009600
	-0.005804	-0.011897	-0.036863	0.011015	-0.004558	0.002634
	0.012108					
z299	0.054785	0.034614	-0.002145	0.024427	0.050576	-0.016957
	-0.033558	-0.012075	-0.025689	-0.018125	0.017400	0.013172
	0.027333	0.003891	0.034044	-0.080807	-0.003597	0.009549
	0.003595	-0.011416	-0.004200	-0.030400	0.018804	0.023687
	-0.016394	-0.010315	-0.016979	-0.007255	0.015774	-0.013077
	-0.037358					
x300	0.046938	0.007358	0.011939	-0.004486	0.020013	0.007969
	-0.011595	0.003042	-0.019315	-0.005323	0.014191	0.001192
	-0.012507	-0.001896	0.021451	-0.029395	-0.009933	0.020343
	-0.001354	0.007997	-0.002311	-0.002973	-0.009917	0.014044
	-0.006165	0.000691	-0.018653	0.000592	-0.005605	-0.002088
	-0.014173					
y300	0.050022	-0.002251	0.023231	-0.004443	0.005424	0.018382
	-0.012355	0.011615	-0.013876	0.024528	0.000968	-0.019791
	-0.045267	-0.004263	0.005370	0.008768	-0.025129	0.012390
	0.012192	0.001825	-0.014426	-0.007497	-0.033076	0.007457
	-0.007400	-0.014833	-0.036135	0.015456	-0.000309	0.002131
	0.010595					

z300	0.061957	0.036120	0.004051	0.018683	0.052162	-0.011407
	-0.034262	-0.009375	-0.028616	-0.019920	0.019712	0.014677
	0.028097	0.008494	0.039013	-0.085429	-0.008827	0.012560
	0.000009	-0.009420	-0.012657	-0.028040	0.012200	0.017560
	-0.013181	0.002051	-0.021948	-0.018391	0.001284	-0.007838
	-0.036741					
x301	0.043826	0.006928	0.006631	-0.009733	0.017947	0.002539
	-0.007984	0.003667	-0.013145	-0.001523	0.009418	0.003918
	-0.003747	-0.000447	0.023084	-0.023413	-0.011124	0.024315
	-0.004723	0.007775	-0.007634	-0.000245	-0.011581	-0.000990
	-0.005499	-0.002268	-0.014116	-0.002026	-0.014085	0.001615
	-0.016264					
y301	0.053809	-0.003672	0.020225	-0.010591	0.006750	0.010683
	-0.010029	0.011008	-0.011551	0.025685	-0.003866	-0.024062
	-0.035087	-0.002074	0.008904	0.006748	-0.025188	0.018427
	0.010423	0.002019	-0.016645	-0.003483	-0.035205	-0.004972
	-0.012056	-0.017068	-0.024773	0.016866	-0.006843	-0.001628
	0.006356					
z301	0.067784	0.037248	0.008713	0.012385	0.053147	-0.005442
	-0.035840	-0.004734	-0.030276	-0.019869	0.022518	0.016405
	0.024885	0.011427	0.038927	-0.089691	-0.012545	0.012896
	-0.003726	-0.010153	-0.021083	-0.025204	0.005148	0.013998
	-0.007503	0.011158	-0.026610	-0.027276	-0.008257	-0.002827
	-0.034033					
x302	0.039326	0.006845	0.003539	-0.013177	0.014100	0.001383
	-0.005425	0.004673	-0.011184	0.001082	0.007633	0.007845
	0.000263	0.002218	0.022166	-0.022102	-0.009101	0.021862
	-0.002428	-0.003345	-0.004116	-0.003818	-0.014851	-0.008833
	-0.002708	-0.000887	-0.015553	-0.001757	-0.017673	0.000952
	-0.014073					
y302	0.055620	-0.002828	0.015224	-0.017248	0.004336	0.008229
	-0.008114	0.014587	-0.017266	0.032164	-0.006305	-0.022764
	-0.029318	-0.005000	-0.000709	0.002862	-0.017621	0.014382
	0.008127	-0.000721	-0.011561	-0.004195	-0.031518	-0.018613
	-0.017143	-0.016654	-0.015258	0.014389	-0.009429	-0.006212
	0.006111					
z302	0.071249	0.038633	0.011488	0.004889	0.053262	0.000532
	-0.035654	0.001248	-0.027202	-0.019543	0.025831	0.016839
	0.022462	0.013699	0.037841	-0.090889	-0.016370	0.013032
	-0.009163	-0.007974	-0.027231	-0.023287	-0.001202	0.007559
	0.000318	0.016100	-0.028903	-0.029694	-0.016667	0.003160
	-0.029530					

x303	0.034500	0.008032	0.001018	-0.015011	0.011703	-0.000305
	-0.003122	0.004208	-0.009415	0.005134	0.005382	0.011736
	0.001863	0.002362	0.019023	-0.018159	-0.004084	0.017561
	-0.004798	-0.011727	-0.001551	-0.007207	-0.013994	-0.011400
	0.001765	-0.001467	-0.013307	-0.003632	-0.016810	-0.003803
	-0.013330					
y303	0.057595	-0.005030	0.013914	-0.024133	0.002695	0.005130
	-0.006025	0.016692	-0.020870	0.036956	-0.010214	-0.018832
	-0.031789	-0.003026	-0.002970	-0.000597	-0.012476	0.007156
	0.009449	-0.015326	-0.012194	-0.013619	-0.026330	-0.027052
	-0.017092	-0.016154	-0.016758	0.016188	-0.022909	-0.011660
	0.005398					
z303	0.072116	0.039867	0.012522	-0.003724	0.051949	0.005631
	-0.033772	0.008161	-0.020506	-0.019730	0.028735	0.017663
	0.020121	0.016793	0.034452	-0.088187	-0.017609	0.013074
	-0.016589	-0.007028	-0.031582	-0.019833	-0.007384	-0.000902
	0.006655	0.016662	-0.029882	-0.026657	-0.023614	0.009468
	-0.025415					
x304	0.027777	0.009741	-0.001489	-0.012796	0.007797	-0.000528
	-0.003014	0.003247	-0.003944	0.005669	0.005315	0.011001
	0.005195	0.000033	0.015698	-0.014243	-0.006324	0.018237
	-0.007575	-0.007156	0.000407	-0.005239	-0.014734	-0.013925
	0.007708	-0.000627	-0.007078	-0.005550	-0.007862	-0.006613
	-0.010550					
y304	0.057957	-0.009165	0.011754	-0.029617	-0.000676	0.000054
	-0.002570	0.017597	-0.017271	0.036904	-0.010020	-0.021107
	-0.036180	-0.001470	-0.002104	-0.001436	-0.009505	0.001740
	0.007620	-0.018904	-0.023560	-0.022268	-0.025019	-0.030793
	-0.009314	-0.020720	-0.017371	0.014344	-0.033077	-0.010347
	-0.008307					
z304	0.071146	0.041537	0.011647	-0.012393	0.049958	0.010827
	-0.031831	0.015221	-0.011271	-0.018844	0.030355	0.018841
	0.016424	0.017628	0.029679	-0.081127	-0.016903	0.011061
	-0.025455	-0.008824	-0.033058	-0.012908	-0.012884	-0.007725
	0.014104	0.013845	-0.027000	-0.018949	-0.026697	0.013408
	-0.021172					
x305	0.020290	0.009599	-0.003298	-0.009986	0.004888	0.000767
	-0.001980	0.002212	0.001118	0.004860	0.004101	0.010996
	0.007600	-0.001384	0.012611	-0.007432	-0.009624	0.017902
	-0.008209	-0.002163	-0.001020	-0.005056	-0.012943	-0.012639
	0.009246	-0.004570	-0.000552	-0.004837	-0.004250	-0.008488
	-0.006268					

y305	0.055561	-0.009064	0.010074	-0.030941	-0.007767	0.000351
	-0.005734	0.019339	-0.015101	0.038884	-0.010113	-0.020617
	-0.038785	0.001290	-0.007215	-0.004189	-0.015846	0.001326
	0.012571	-0.019992	-0.022373	-0.015160	-0.029071	-0.035035
	-0.007035	-0.020979	-0.014127	0.009830	-0.029662	-0.009771
	-0.015342					
z305	0.067756	0.044003	0.009724	-0.019859	0.046002	0.016292
	-0.030331	0.023094	0.000763	-0.020065	0.031949	0.020690
	0.014480	0.017705	0.020915	-0.069672	-0.015339	0.010810
	-0.033832	-0.007281	-0.031222	-0.004532	-0.018891	-0.014658
	0.022922	0.010320	-0.021580	-0.007518	-0.022521	0.014591
	-0.015600					
x306	0.010789	0.008952	-0.006765	-0.007866	0.002222	0.000024
	0.001275	-0.004080	-0.000860	0.001982	0.007824	0.010637
	0.011773	-0.005628	0.010618	0.000616	-0.006343	0.013842
	-0.010665	-0.000250	-0.000892	-0.011428	0.000652	0.000640
	0.012140	-0.007163	0.004932	-0.007016	0.000411	-0.014223
	0.006336					
y306	0.052963	-0.008626	0.011962	-0.035776	-0.013900	-0.000095
	-0.008705	0.021886	-0.018960	0.040654	-0.012364	-0.012170
	-0.037825	0.006173	-0.010645	-0.006640	-0.010145	-0.008456
	0.012652	-0.033410	-0.016146	-0.019169	-0.024577	-0.035776
	-0.005088	-0.023790	-0.005910	0.007846	-0.031393	-0.008978
	-0.013698					
z306	0.063988	0.045517	0.002750	-0.030729	0.045890	0.024770
	-0.025558	0.029155	0.015557	-0.027272	0.031324	0.026638
	0.018782	0.015849	0.010619	-0.048966	-0.007230	0.003090
	-0.042305	-0.001400	-0.025733	-0.000124	-0.011552	-0.025427
	0.022053	0.009515	-0.014419	0.003896	-0.019407	0.007774
	-0.011549					
x307	0.003731	0.010715	-0.006668	-0.002880	-0.000706	0.003615
	0.001203	-0.009073	0.000817	-0.004834	0.010325	0.004415
	0.016230	-0.009107	0.009310	0.005571	-0.008307	0.011630
	-0.010786	0.003720	0.001950	-0.010811	0.010082	0.005828
	0.008123	-0.004240	0.008565	-0.008199	0.005869	-0.016391
	0.017911					
y307	0.043719	-0.015828	0.000565	-0.041151	-0.020961	-0.006752
	-0.005167	0.024579	-0.013499	0.037969	-0.012663	-0.006560
	-0.033525	0.011608	-0.019050	-0.014985	0.002957	-0.016697
	0.006352	-0.036247	-0.022985	-0.010424	-0.022558	-0.025673
	-0.002109	-0.033342	0.008861	-0.008454	-0.041255	-0.022247
	-0.013986					

z307	0.052704	0.049446	-0.004870	-0.051125	0.032861	0.031177
	-0.017936	0.028691	0.042538	-0.030738	0.026587	0.030543
	0.020152	0.009269	0.006542	-0.020249	0.000400	-0.002118
	-0.036278	-0.016956	-0.028146	-0.003338	0.004709	-0.028700
	0.031253	-0.000553	-0.004183	-0.004448	-0.014074	-0.018149
	0.011869					
x308	-0.003440	0.013084	-0.004463	0.005541	0.002017	0.007048
	0.002664	-0.013352	0.002221	-0.011436	0.010253	-0.002006
	0.018132	-0.010328	0.011970	0.008318	-0.009613	0.008299
	-0.009907	0.009096	0.005136	-0.009054	0.014136	0.010470
	0.001880	0.002705	0.011017	-0.006624	0.012610	-0.011279
	0.022599					
y308	0.035568	-0.018024	-0.003216	-0.039552	-0.027649	-0.008120
	-0.007769	0.025943	-0.004898	0.031190	-0.014127	-0.005229
	-0.027600	0.013355	-0.031033	-0.011496	0.003462	-0.011548
	0.007475	-0.033847	-0.019779	-0.001880	-0.024356	-0.030856
	0.000008	-0.032340	0.011692	-0.015066	-0.041675	-0.023088
	-0.019773					
z308	0.039841	0.052522	-0.010316	-0.064613	0.017938	0.034806
	-0.013584	0.027895	0.062154	-0.030143	0.021159	0.031005
	0.016912	0.005018	0.000057	0.001854	0.002433	-0.003935
	-0.030305	-0.030133	-0.031650	-0.002901	0.014159	-0.024874
	0.036664	-0.009968	0.003688	-0.011812	-0.007583	-0.034938
	0.031072					
x309	-0.008620	0.015000	-0.003107	0.012426	0.006686	0.008606
	0.007122	-0.017899	0.004037	-0.015133	0.011090	-0.006789
	0.017184	-0.010624	0.017534	0.012038	-0.006201	0.004107
	-0.006647	0.009515	0.003752	-0.008686	0.016845	0.013211
	0.000058	0.006287	0.014702	-0.007963	0.019508	-0.006847
	0.020559					
y309	0.028587	-0.018830	-0.004067	-0.036039	-0.027870	-0.009057
	-0.010721	0.026226	-0.006072	0.026952	-0.015254	-0.003801
	-0.021713	0.011919	-0.037602	-0.015267	0.002472	-0.007291
	0.002348	-0.025066	-0.011231	-0.000589	-0.018539	-0.028179
	-0.000019	-0.027236	0.007711	-0.008094	-0.034582	-0.013664
	-0.016462					
z309	0.027763	0.055256	-0.014483	-0.072356	0.005721	0.036040
	-0.009743	0.026707	0.073958	-0.029411	0.016770	0.029420
	0.012012	0.000753	-0.006121	0.018660	0.003521	-0.003745
	-0.024999	-0.038692	-0.032828	-0.002828	0.018322	-0.019035
	0.042269	-0.015500	0.008416	-0.013746	-0.001996	-0.043785
	0.039858					

x310	-0.012465	0.017252	-0.000362	0.018219	0.011592	0.013439
	0.009903	-0.020643	0.004933	-0.015908	0.009776	-0.009469
	0.016850	-0.011386	0.021968	0.014162	-0.004304	-0.001962
	-0.004119	0.012440	0.001827	-0.009222	0.020169	0.008374
	-0.000011	0.011699	0.009562	-0.018701	0.023023	0.000908
	0.029533					
y310	0.022290	-0.019086	-0.005719	-0.030694	-0.026322	-0.014803
	-0.010947	0.022201	-0.006125	0.021218	-0.012691	-0.004072
	-0.017883	0.010293	-0.037166	-0.015329	0.002206	0.000392
	0.000401	-0.021157	-0.003353	0.002849	-0.016877	-0.020523
	-0.000014	-0.025021	0.011310	0.010062	-0.021649	-0.010025
	-0.028065					
z310	0.016999	0.057443	-0.017699	-0.074912	-0.002609	0.034938
	-0.006809	0.024341	0.078285	-0.027746	0.014309	0.025843
	0.006674	-0.002500	-0.011120	0.028876	0.003626	-0.002647
	-0.021656	-0.043103	-0.032478	-0.004623	0.020235	-0.008513
	0.045961	-0.019294	0.012160	-0.013584	0.002382	-0.048027
	0.036763					
x311	-0.016079	0.017415	0.002431	0.020886	0.018312	0.014918
	0.015557	-0.022677	0.006420	-0.014548	0.008650	-0.009341
	0.011941	-0.010244	0.027783	0.018283	0.002263	-0.013449
	0.000391	0.010588	-0.001871	-0.012935	0.028733	0.001465
	0.000297	0.010723	0.002399	-0.022773	0.027746	0.005733
	0.031332					
y311	0.018096	-0.016709	-0.005956	-0.022968	-0.024800	-0.015508
	-0.012926	0.016873	-0.006946	0.015322	-0.011706	-0.005057
	-0.009459	0.008051	-0.034853	-0.014025	-0.002003	0.009298
	-0.002179	-0.012066	0.002991	0.008592	-0.021754	-0.013127
	-0.002138	-0.016951	0.014814	0.013705	-0.018072	-0.005317
	-0.024900					
z311	0.006682	0.059924	-0.020281	-0.073345	-0.008436	0.032929
	-0.004448	0.021741	0.076660	-0.026157	0.013391	0.021919
	-0.001827	-0.005667	-0.016279	0.032152	0.001358	-0.000189
	-0.017096	-0.043822	-0.030373	-0.003592	0.019045	0.001739
	0.047877	-0.018626	0.012849	-0.010875	0.007149	-0.045595
	0.027994					
x312	-0.018793	0.014549	0.003399	0.023929	0.023238	0.018909
	0.023519	-0.026826	0.012670	-0.013148	0.008847	-0.014598
	0.006244	-0.005740	0.036450	0.021016	0.008711	-0.022242
	0.012846	0.007000	-0.011319	-0.008830	0.034704	-0.011037
	0.000668	0.003189	-0.000207	-0.026497	0.026573	0.007199
	0.013661					

y312	0.014537	-0.012396	-0.004367	-0.017940	-0.019839	-0.017853
	-0.014306	0.013771	-0.011509	0.011581	-0.011626	-0.000213
	-0.002159	0.006402	-0.033431	-0.012007	-0.002274	0.011284
	-0.011906	-0.006516	0.010337	0.004793	-0.019375	-0.004641
	-0.003409	-0.004881	0.010580	0.014432	-0.007059	0.000010
	-0.009386					
z312	-0.002300	0.062095	-0.021853	-0.067327	-0.010745	0.028522
	-0.001545	0.018149	0.069202	-0.024669	0.013642	0.015861
	-0.011946	-0.008326	-0.018892	0.028909	-0.001519	0.003638
	-0.013339	-0.040893	-0.027918	-0.005210	0.015400	0.013861
	0.049701	-0.015814	0.011441	-0.005183	0.009693	-0.038349
	0.012509					
x313	-0.023242	0.011754	0.004028	0.027583	0.025596	0.024365
	0.026625	-0.024456	0.011633	-0.007181	0.010915	-0.008497
	-0.001655	-0.002234	0.033350	0.019788	0.010558	-0.036233
	0.024812	0.005340	-0.009570	-0.001540	0.031460	-0.027317
	0.002664	0.000974	-0.009036	-0.025860	0.029678	0.005062
	0.019876					
y313	0.011995	-0.009265	-0.002847	-0.013469	-0.012992	-0.017966
	-0.009989	0.004692	-0.010010	0.006155	-0.011232	-0.002454
	0.001622	0.007622	-0.022175	-0.005574	-0.002196	0.017082
	-0.016488	-0.002918	0.005243	0.004450	-0.010187	0.000839
	-0.003311	-0.002554	0.007438	0.012288	-0.000370	0.004368
	-0.011370					
z313	-0.010622	0.063550	-0.023490	-0.056813	-0.009968	0.021439
	0.000560	0.014617	0.053322	-0.022181	0.014636	0.010246
	-0.027221	-0.010431	-0.020208	0.019316	-0.003935	0.005404
	-0.012318	-0.036457	-0.024795	-0.005506	0.013844	0.028921
	0.049677	-0.010800	0.006567	0.003557	0.013540	-0.027293
	-0.012905					
x314	-0.028287	0.008977	0.002854	0.030103	0.025527	0.031516
	0.029505	-0.031200	0.017435	-0.007388	0.012051	-0.005872
	-0.008534	-0.001588	0.036459	0.027875	0.013193	-0.042343
	0.036463	0.004443	-0.014855	0.005010	0.008853	-0.034962
	0.006436	0.003728	-0.004060	-0.022827	0.018526	-0.005062
	0.007644					
y314	0.007979	-0.006582	-0.001106	-0.009852	-0.005622	-0.016377
	-0.005172	0.000627	-0.009599	0.005969	-0.008535	-0.000786
	0.001484	0.009638	-0.016371	-0.003252	-0.001479	0.015217
	-0.013843	-0.002819	0.003158	0.006812	0.003485	-0.004738
	-0.002543	-0.002494	-0.003171	0.013806	0.010077	0.009326
	0.004162					

z314	-0.017612	0.063907	-0.024412	-0.040066	-0.005821	0.011408
	0.003104	0.009311	0.029477	-0.020102	0.016922	0.003713
	-0.043016	-0.012713	-0.017027	0.005886	-0.007664	0.008591
	-0.010940	-0.026758	-0.018816	-0.003854	0.005441	0.047161
	0.051154	-0.004255	0.001769	0.017074	0.012266	-0.018338
	-0.044877					
x315	-0.033857	0.005496	0.001793	0.032345	0.025196	0.039016
	0.023091	-0.029714	0.022428	-0.008371	0.012479	0.003553
	-0.015179	-0.001850	0.034095	0.038049	-0.000218	-0.047722
	0.033448	0.010955	-0.016248	0.005290	0.001893	-0.040377
	0.008454	-0.001897	-0.014561	-0.021735	0.008205	-0.003049
	0.008883					
y315	0.002111	-0.002343	-0.001898	-0.008325	0.000380	-0.011990
	-0.001965	-0.001370	-0.003398	0.006910	-0.004147	0.000640
	-0.001649	0.009500	-0.009535	-0.002511	0.002352	0.012300
	-0.003170	-0.005788	-0.001668	0.009821	0.006851	-0.008449
	-0.002296	-0.003031	-0.010355	0.013687	0.008961	0.006469
	0.008742					
z315	-0.024337	0.061607	-0.026947	-0.015348	0.001072	-0.000946
	0.000639	0.002990	-0.004351	-0.017856	0.020208	-0.006350
	-0.058358	-0.017713	-0.008781	-0.011574	-0.012738	0.011370
	-0.012291	-0.011740	-0.009537	-0.005968	-0.003373	0.068480
	0.045231	0.004234	-0.001353	0.030756	0.005449	-0.010179
	-0.066020					
x316	-0.036783	0.005109	-0.000161	0.030373	0.023506	0.045295
	0.015613	-0.024917	0.022229	-0.004865	0.007097	0.006574
	-0.017271	0.000136	0.031628	0.033923	-0.016963	-0.042446
	0.026789	0.011408	-0.021108	0.003614	-0.001517	-0.052829
	0.012889	0.002813	-0.026603	-0.016668	0.001964	-0.003823
	-0.002654					
y316	-0.005338	0.000950	-0.003340	-0.000637	0.007183	-0.004062
	-0.001392	-0.003351	0.004141	0.005220	-0.001158	-0.001993
	-0.003608	0.005223	-0.002533	0.000521	0.002594	0.006786
	0.004692	-0.004033	-0.006514	0.007305	0.002786	-0.011637
	-0.000298	-0.006058	-0.014392	0.007081	-0.000415	0.006249
	0.000913					
z316	-0.020567	0.053653	-0.028226	0.007257	0.008405	-0.010013
	-0.005367	0.011530	-0.024352	-0.011685	0.015085	-0.023984
	-0.061177	-0.015070	-0.001770	-0.029543	0.004649	0.036319
	-0.005139	-0.008174	-0.008035	0.001561	0.002941	0.070787
	0.040663	-0.003095	0.007547	0.020009	-0.012169	-0.012107
	-0.055992					

x317	-0.038612	0.006944	0.000825	0.028126	0.021724	0.043227
	0.009287	-0.024477	0.023759	-0.005699	0.006031	0.010155
	-0.016417	0.000070	0.023392	0.030458	-0.027917	-0.034413
	0.023498	0.016427	-0.034836	0.003293	-0.011437	-0.048696
	0.015998	0.008161	-0.027565	-0.003318	-0.006267	-0.009339
	-0.020303					
y317	-0.011530	0.000860	-0.002731	0.006066	0.011008	0.004612
	-0.001417	-0.006490	0.008288	0.003818	-0.001709	-0.001515
	-0.002544	0.001208	0.001252	0.005943	-0.005685	-0.000637
	0.005164	0.001724	-0.016819	0.004264	-0.001195	-0.014614
	0.005747	-0.005380	-0.016436	0.003362	-0.004115	0.003799
	-0.005581					
z317	-0.017080	0.046329	-0.028069	0.023791	0.015921	-0.016768
	-0.008325	0.017142	-0.038387	-0.009031	0.013529	-0.034705
	-0.061344	-0.012755	0.001478	-0.043290	0.016874	0.050165
	0.002795	-0.004857	-0.006652	0.009970	0.004944	0.071777
	0.035289	-0.013805	0.013954	0.010710	-0.024954	-0.012011
	-0.051950					
x318	-0.039217	0.010060	0.001691	0.023730	0.020309	0.041410
	0.004047	-0.019035	0.021256	-0.004992	0.001516	0.012155
	-0.009980	0.001632	0.015057	0.030913	-0.030513	-0.022977
	0.016374	0.017804	-0.031877	-0.000805	-0.016817	-0.047726
	0.009951	0.011238	-0.033202	0.007477	-0.006578	-0.013941
	-0.031932					
y318	-0.018280	0.002340	-0.001013	0.009998	0.013994	0.013814
	-0.002928	-0.008055	0.012692	0.003867	-0.004638	-0.000008
	0.000887	-0.002780	0.001720	0.012316	-0.013132	-0.003490
	0.003612	0.005558	-0.025445	-0.001677	-0.004765	-0.017301
	0.008004	-0.003924	-0.020972	0.003102	-0.007208	0.001397
	-0.017256					
z318	-0.012565	0.038659	-0.028011	0.036731	0.023249	-0.020012
	-0.012148	0.020229	-0.050609	-0.007674	0.013565	-0.042112
	-0.058324	-0.010862	0.005387	-0.053414	0.023967	0.057788
	0.006288	-0.003996	-0.003139	0.013891	0.004595	0.068505
	0.029066	-0.021817	0.016449	0.002325	-0.032704	-0.010373
	-0.046767					
x319	-0.037627	0.012699	0.004424	0.022045	0.018926	0.038064
	0.000908	-0.016214	0.019362	-0.002294	-0.001167	0.013318
	-0.010511	0.002760	0.000822	0.028289	-0.027001	-0.012957
	0.012698	0.014394	-0.033215	0.005435	-0.022738	-0.045117
	0.006877	0.005358	-0.031429	0.013463	0.000055	-0.027393
	-0.031630					

y319	-0.025916	0.004938	0.003558	0.013039	0.016293	0.021229
	-0.004063	-0.009467	0.018202	0.004952	-0.009856	0.003413
	0.002757	-0.005020	-0.002110	0.018461	-0.017152	-0.004431
	0.002554	0.006061	-0.033792	-0.003039	-0.009756	-0.020771
	0.009504	-0.005112	-0.023166	0.005748	-0.004301	-0.010391
	-0.025519					
z319	-0.007022	0.030929	-0.028140	0.046492	0.030470	-0.020174
	-0.016574	0.020377	-0.061051	-0.006848	0.015457	-0.046161
	-0.053349	-0.009180	0.008654	-0.057517	0.028537	0.061108
	0.007722	-0.003606	-0.002248	0.015724	0.003389	0.061103
	0.024570	-0.027543	0.016438	-0.006458	-0.035597	-0.008615
	-0.038134					
x320	-0.034348	0.013182	0.004651	0.020323	0.018414	0.035119
	-0.001565	-0.014136	0.015811	-0.002061	-0.002942	0.011364
	-0.008177	0.001096	-0.002889	0.021380	-0.025638	-0.003790
	0.011728	0.011506	-0.021334	0.012108	-0.022913	-0.038746
	0.001973	0.003834	-0.030060	0.012705	-0.009500	-0.024090
	-0.031285					
y320	-0.034718	0.007289	0.008932	0.016773	0.018603	0.028838
	-0.004798	-0.011117	0.023264	0.003212	-0.016128	0.005643
	0.005845	-0.006854	-0.002388	0.023024	-0.024244	-0.003181
	0.005582	0.008806	-0.030889	-0.000614	-0.013522	-0.023833
	0.008948	-0.002714	-0.026514	0.009361	-0.011292	-0.016406
	-0.031353					
z320	-0.001201	0.023243	-0.028506	0.053160	0.037395	-0.017286
	-0.021707	0.020339	-0.069418	-0.007528	0.016676	-0.046808
	-0.046354	-0.007943	0.014005	-0.057951	0.028593	0.061716
	0.006956	-0.006819	-0.000658	0.015259	0.003158	0.049688
	0.021616	-0.031807	0.013057	-0.012809	-0.042033	-0.004413
	-0.026356					
x321	-0.029344	0.011896	0.004836	0.013453	0.018453	0.029748
	-0.003627	-0.010768	0.012538	-0.001564	-0.000684	0.011120
	-0.007480	0.001639	-0.006084	0.011415	-0.021771	0.004551
	0.007286	0.009021	-0.008115	0.010257	-0.021541	-0.028916
	0.007631	0.000625	-0.029775	0.011184	-0.009581	-0.019684
	-0.031074					
y321	-0.044198	0.009524	0.017043	0.015671	0.019357	0.033387
	-0.005843	-0.009970	0.030017	-0.000780	-0.020444	0.012128
	0.006257	-0.001353	-0.006770	0.020806	-0.029741	0.000337
	0.007500	0.014517	-0.021415	0.002182	-0.017490	-0.021255
	0.016061	0.000461	-0.032563	0.013837	-0.016202	-0.021657
	-0.040638					

z321	0.004635	0.015625	-0.028740	0.055966	0.043492	-0.011553
	-0.028568	0.018812	-0.075318	-0.009420	0.018013	-0.043484
	-0.037229	-0.005979	0.018183	-0.052496	0.027102	0.057233
	0.003600	-0.012990	-0.000763	0.012957	0.002294	0.035489
	0.017457	-0.032141	0.005864	-0.019463	-0.042693	-0.000916
	-0.011756					
x322	-0.022979	0.008696	0.001977	0.008438	0.018440	0.023969
	-0.005630	-0.008196	0.007048	-0.004307	0.001453	0.010219
	-0.006412	-0.000314	-0.004540	0.000626	-0.014094	0.010274
	0.001717	0.006495	-0.001949	0.010884	-0.015250	-0.017878
	0.001264	-0.006125	-0.024151	0.003690	-0.012034	-0.011374
	-0.028386					
y322	-0.055390	0.009543	0.023476	0.011841	0.020001	0.035316
	-0.004733	-0.008739	0.036287	-0.009656	-0.023951	0.017722
	0.005681	0.005419	-0.003505	0.012601	-0.032317	0.004232
	0.009110	0.021351	-0.011901	0.013360	-0.017067	-0.009811
	0.009916	-0.000460	-0.037993	0.008682	-0.022892	-0.021944
	-0.053216					
z322	0.010381	0.008038	-0.027886	0.054309	0.049117	-0.003689
	-0.036776	0.015848	-0.078429	-0.012403	0.021377	-0.035621
	-0.026040	-0.003719	0.023124	-0.041544	0.022246	0.047778
	-0.001301	-0.020246	-0.002076	0.007455	-0.000161	0.020201
	0.014406	-0.029247	-0.005047	-0.023823	-0.038129	0.002222
	0.007567					
x323	-0.013846	0.003693	-0.001451	0.004511	0.016100	0.015144
	-0.008452	-0.005792	-0.000602	-0.008818	0.005397	0.007958
	-0.001499	-0.002431	-0.000347	-0.005277	-0.009233	0.014434
	-0.001490	0.002338	0.006855	0.008144	-0.008036	-0.008357
	-0.003706	-0.009841	-0.011516	0.002069	-0.016802	-0.005200
	-0.013689					
y323	-0.063731	0.008693	0.030979	0.006866	0.018590	0.031459
	-0.004304	-0.009549	0.041076	-0.016527	-0.027692	0.025169
	0.008528	0.010404	-0.002534	0.007261	-0.033103	0.017488
	0.014057	0.026420	0.007204	0.017580	-0.018543	0.010190
	0.010245	-0.004050	-0.028670	0.007651	-0.041519	-0.021320
	-0.052544					
z323	0.016741	0.001013	-0.025865	0.048418	0.054815	0.007009
	-0.045752	0.010224	-0.078266	-0.014825	0.024599	-0.021788
	-0.013070	-0.000220	0.027420	-0.024223	0.014425	0.032406
	-0.008887	-0.028062	-0.005395	0.000822	-0.005021	0.000310
	0.011879	-0.023803	-0.016167	-0.025617	-0.023750	0.010194
	0.023427					

x324	-0.003412	-0.000997	-0.006380	0.004666	0.010689	0.008791
	-0.009334	-0.002560	-0.009315	-0.010006	0.008995	0.002922
	0.002876	-0.006759	0.000656	-0.005093	-0.001654	0.009166
	-0.008007	-0.001115	0.003696	-0.004522	0.003062	-0.007815
	-0.000142	-0.013192	-0.001859	-0.002929	-0.013213	-0.001620
	-0.000661					
y324	-0.065515	0.005702	0.032742	0.003191	0.019849	0.033608
	-0.005973	-0.012297	0.040274	-0.022596	-0.024117	0.024898
	0.003366	0.003888	0.002426	-0.003330	-0.032145	0.022701
	0.013576	0.034275	0.015884	0.015144	-0.007689	0.018240
	0.011574	-0.012241	-0.026387	-0.001269	-0.042095	-0.021798
	-0.041845					
z324	0.023487	-0.006942	-0.025700	0.038273	0.058552	0.021566
	-0.056263	-0.002793	-0.075001	-0.018305	0.035475	-0.000563
	0.001730	0.000091	0.031652	-0.000735	0.004487	0.009000
	-0.018447	-0.039618	-0.008249	-0.011073	-0.008299	-0.033250
	0.009710	-0.010442	-0.035322	-0.027349	0.002291	0.020266
	0.051883					
x325	0.007257	-0.001691	-0.008257	0.002510	0.005148	0.000767
	-0.008737	0.000236	-0.013273	-0.000679	0.004733	-0.001966
	0.000209	0.000301	-0.001394	-0.000757	0.004680	0.002941
	-0.007407	-0.001914	-0.007064	-0.014727	0.005675	-0.004895
	0.003734	-0.012693	0.003305	-0.003578	-0.006387	-0.004581
	0.006139					
y325	-0.063217	0.000161	0.030731	0.003262	0.018557	0.033438
	-0.008459	-0.015713	0.035094	-0.029629	-0.023172	0.030096
	0.007756	0.000958	0.009021	-0.010513	-0.028832	0.036070
	0.012865	0.034199	0.024195	0.006024	0.010365	0.017487
	0.009048	-0.021710	-0.020895	0.004294	-0.053169	-0.002985
	-0.036189					
z325	0.023962	-0.008968	-0.018685	0.016855	0.063312	0.032951
	-0.062369	-0.011923	-0.067408	-0.019918	0.034312	0.004093
	-0.004789	0.007280	0.017778	0.007114	-0.010770	0.002311
	-0.017616	-0.033291	-0.012925	-0.021222	0.008341	-0.018624
	0.018916	0.003259	-0.028476	-0.002403	0.014775	0.021920
	0.041518					
x326	0.015818	-0.001692	-0.010378	-0.001236	0.004885	-0.004732
	-0.009505	0.001130	-0.016058	0.006878	0.002525	-0.005304
	-0.002114	0.008291	0.000285	0.004662	0.002712	-0.005022
	-0.005486	-0.005043	-0.010770	-0.013974	0.004536	-0.003050
	0.004635	-0.008637	0.003861	0.003612	0.007500	-0.005098
	0.012909					

y326	-0.059229	-0.003376	0.027811	0.000527	0.015997	0.038300
	-0.007713	-0.021286	0.025657	-0.031984	-0.016504	0.021421
	0.000080	-0.003388	0.012997	-0.017557	-0.018146	0.039969
	0.013232	0.033426	0.025727	-0.007322	0.026045	0.021811
	0.005567	-0.023255	-0.027987	0.001707	-0.056679	-0.010650
	-0.023410					
z326	0.025526	-0.011776	-0.010291	-0.001877	0.067466	0.041212
	-0.065475	-0.016137	-0.061117	-0.019766	0.025669	0.003203
	-0.013991	0.012225	0.004352	0.017584	-0.020860	-0.001460
	-0.019234	-0.024058	-0.015786	-0.024412	0.017481	0.000733
	0.026410	0.009485	-0.024603	0.012977	0.025512	0.020385
	0.030090					
x327	0.022371	0.000949	-0.013132	-0.004959	0.004346	-0.007552
	-0.011297	0.001584	-0.017292	0.011289	-0.001344	-0.008182
	-0.003735	0.012310	-0.003711	0.014155	-0.003207	-0.010761
	-0.008649	-0.004682	-0.013877	-0.009151	0.003164	-0.002417
	0.007911	-0.001962	0.007257	0.012390	0.019528	-0.002302
	0.006264					
y327	-0.051038	-0.010310	0.027971	0.002205	0.019214	0.035359
	-0.008489	-0.025212	0.014914	-0.029597	-0.009246	0.021766
	-0.002088	-0.003270	0.015528	-0.024494	-0.007007	0.041415
	0.017093	0.022919	0.026230	-0.014748	0.029494	0.019067
	-0.001100	-0.028935	-0.031731	-0.004095	-0.044167	-0.014593
	0.005373					
z327	0.027093	-0.015580	-0.001867	-0.018861	0.070626	0.045103
	-0.066250	-0.017463	-0.055964	-0.019427	0.014665	0.003987
	-0.020056	0.017143	-0.003769	0.026303	-0.028381	-0.001597
	-0.020262	-0.012833	-0.016722	-0.026340	0.024257	0.015441
	0.030530	0.011662	-0.021390	0.021436	0.034912	0.016686
	0.023742					
x328	0.027280	0.003279	-0.015160	-0.010060	0.004984	-0.011909
	-0.016628	0.004467	-0.017484	0.013420	-0.007896	-0.007974
	-0.002533	0.020646	-0.003107	0.018608	-0.012556	-0.016153
	-0.012456	-0.001937	-0.012127	-0.007259	-0.000257	0.004217
	0.012886	0.008088	0.007877	0.025922	0.022162	-0.000023
	0.001233					
y328	-0.045577	-0.016867	0.025433	0.002490	0.017266	0.035480
	-0.003183	-0.029410	0.009712	-0.030046	-0.000984	0.013214
	-0.005713	-0.008396	0.015769	-0.020062	-0.000344	0.034750
	0.021978	0.015789	0.023779	-0.011901	0.031803	0.008914
	-0.008142	-0.030590	-0.025990	-0.012171	-0.023622	-0.018032
	0.011311					

z328	0.027776	-0.019357	0.005582	-0.033354	0.071235	0.048761
	-0.063922	-0.017072	-0.051773	-0.020360	0.002018	0.003063
	-0.026250	0.019304	-0.008690	0.031933	-0.029809	-0.002219
	-0.020172	-0.006727	-0.017212	-0.024095	0.031811	0.028907
	0.030513	0.010741	-0.015190	0.024821	0.034796	0.013614
	0.013370					
x329	0.031500	0.007067	-0.015480	-0.014538	0.001821	-0.013447
	-0.024267	0.007501	-0.014157	0.011387	-0.012632	-0.010786
	-0.000527	0.030230	-0.005540	0.022969	-0.020758	-0.022475
	-0.014882	0.004785	-0.010826	-0.000308	-0.006520	0.016476
	0.016339	0.023088	0.012670	0.036932	0.020790	-0.003002
	-0.004190					
y329	-0.036251	-0.020587	0.019456	0.000769	0.018636	0.032952
	0.000514	-0.030581	0.001998	-0.025380	0.004012	0.012144
	-0.010101	-0.014827	0.004749	-0.017320	0.000784	0.032465
	0.021380	0.009447	0.013616	-0.017159	0.036165	0.001724
	-0.011218	-0.036287	-0.025046	-0.015716	-0.014637	-0.009317
	0.011730					
z329	0.029159	-0.023302	0.012704	-0.045601	0.072416	0.049941
	-0.058942	-0.013026	-0.050947	-0.021496	-0.009637	0.004373
	-0.031812	0.017486	-0.013353	0.032064	-0.031646	0.004172
	-0.019430	-0.001892	-0.015685	-0.029033	0.039918	0.042131
	0.032194	0.004804	-0.010555	0.029047	0.022764	0.014057
	0.000939					
x330	0.036771	0.011903	-0.015160	-0.019072	0.000124	-0.014299
	-0.030009	0.014197	-0.012850	0.011693	-0.018587	-0.010905
	-0.002305	0.035839	-0.012011	0.025109	-0.026311	-0.019869
	-0.020866	0.007058	-0.012206	0.001686	-0.011762	0.028005
	0.026207	0.029196	0.013342	0.043592	0.014172	0.008353
	-0.002949					
y330	-0.028239	-0.023163	0.012604	-0.001504	0.019703	0.031790
	-0.001466	-0.035509	0.000294	-0.021245	0.007341	0.008923
	-0.007914	-0.021767	-0.000602	-0.013164	-0.001440	0.022942
	0.017478	0.004098	0.012866	-0.008723	0.034684	0.001187
	-0.019557	-0.025696	-0.018403	-0.016244	-0.008549	-0.011974
	0.001497					
z330	0.028719	-0.029734	0.018534	-0.055008	0.072064	0.052259
	-0.049852	-0.011138	-0.049226	-0.023520	-0.021832	0.002038
	-0.035442	0.018086	-0.007626	0.032521	-0.025458	0.002421
	-0.016304	0.000729	-0.009641	-0.021017	0.045542	0.052324
	0.020346	0.000473	-0.002044	0.025015	0.013790	0.004440
	-0.008255					

x331	0.037873	0.015634	-0.009663	-0.016961	-0.002814	-0.015715
	-0.030293	0.019147	-0.014881	0.013894	-0.031071	-0.013660
	-0.009432	0.045547	-0.012209	0.028285	-0.026474	-0.012848
	-0.018932	0.008555	-0.012908	0.005629	-0.009796	0.036185
	0.028661	0.028964	0.020686	0.046670	-0.005833	0.004575
	-0.008591					
y331	-0.019795	-0.025024	0.004994	-0.007221	0.020923	0.029548
	-0.005297	-0.031588	0.001790	-0.019654	0.011401	0.006635
	-0.004451	-0.026589	-0.001652	-0.013531	-0.009381	0.015578
	0.007864	0.002991	0.013854	-0.004106	0.028532	-0.001862
	-0.013917	-0.009895	-0.020591	-0.015834	0.003773	-0.002388
	0.010220					
z331	0.028725	-0.038317	0.022398	-0.063978	0.072305	0.055663
	-0.036906	-0.007139	-0.048784	-0.027427	-0.029368	0.000754
	-0.038810	0.018036	0.000432	0.030656	-0.017156	0.002062
	-0.013648	0.005159	-0.002311	-0.017519	0.050136	0.055871
	0.008262	-0.000148	-0.000196	0.019269	0.010843	-0.008456
	-0.006733					
x332	0.036778	0.020255	-0.000354	-0.014173	-0.006781	-0.017900
	-0.025280	0.025048	-0.016150	0.009110	-0.051665	-0.014138
	-0.016919	0.053202	-0.006295	0.033630	-0.021898	-0.001294
	-0.021027	0.009913	-0.015161	0.006512	-0.004950	0.045774
	0.022440	0.035084	0.035315	0.037570	-0.020118	-0.007837
	-0.012475					
y332	-0.011047	-0.023893	0.001165	-0.009731	0.017215	0.024459
	-0.007611	-0.022415	0.002985	-0.013829	0.009118	0.001269
	-0.009312	-0.021746	-0.001644	-0.010625	-0.015322	0.012025
	0.007180	0.001866	0.006969	0.003008	0.021117	-0.006367
	-0.006898	0.001748	-0.020147	-0.016499	0.008913	0.000778
	0.014058					
z332	0.027916	-0.047954	0.022774	-0.072206	0.071486	0.060644
	-0.019296	-0.003344	-0.047948	-0.030887	-0.033802	-0.003016
	-0.043780	0.016202	0.009568	0.028231	-0.006721	0.003712
	-0.013320	0.005933	0.002457	-0.009106	0.054562	0.053300
	-0.006247	-0.003724	-0.001407	0.012639	0.009125	-0.012640
	-0.006659					
x333	0.034461	0.020379	0.007581	-0.010180	-0.010966	-0.014613
	-0.015872	0.027961	-0.012626	-0.000895	-0.062580	-0.014061
	-0.021324	0.054811	0.003491	0.039711	-0.011689	0.001516
	-0.021390	0.019580	-0.007824	0.000502	-0.000451	0.044661
	0.018688	0.026624	0.057908	0.032890	-0.015404	-0.024624
	-0.003099					

y333	-0.001173	-0.020134	0.001326	-0.014362	0.019213	0.011968
	-0.004238	-0.006132	-0.001799	-0.009833	-0.006955	-0.005555
	-0.012802	-0.015986	-0.002751	-0.002062	-0.011052	0.014628
	0.002650	-0.003195	-0.005913	0.008196	0.019540	0.000205
	-0.006221	0.001150	-0.012752	-0.020173	-0.001253	-0.000407
	0.008470					
z333	0.026787	-0.059780	0.023044	-0.077335	0.069251	0.061852
	-0.002391	0.009879	-0.042314	-0.031894	-0.043613	-0.008083
	-0.044556	0.010204	0.023721	0.023289	0.000914	0.005908
	-0.015117	0.004801	0.002487	-0.009767	0.053756	0.044884
	-0.027236	-0.011480	0.010563	-0.026147	-0.005917	-0.012886
	-0.004995					
x334	0.032262	0.017419	0.010389	-0.001268	-0.015640	-0.013629
	-0.013316	0.029423	-0.007305	-0.003195	-0.058873	-0.005127
	-0.011187	0.048169	0.005702	0.034491	-0.004978	0.000811
	-0.007847	0.029161	0.000369	-0.006111	-0.012752	0.038265
	0.017006	0.014669	0.080628	0.029918	-0.013163	-0.024021
	-0.006399					
y334	0.006829	-0.015638	0.001884	-0.017089	0.020949	0.001487
	-0.000419	0.004719	-0.006234	-0.009846	-0.018541	-0.010408
	-0.014928	-0.008938	-0.002986	0.007852	-0.002582	0.009731
	-0.001433	-0.003412	-0.012151	0.010973	0.019022	0.009232
	-0.005184	-0.007807	-0.003942	-0.007590	-0.003993	-0.000637
	-0.002863					
z334	0.027338	-0.065884	0.022571	-0.072171	0.060527	0.064756
	-0.002416	0.012447	-0.036056	-0.033309	-0.041947	0.003336
	-0.044488	0.005231	0.021300	0.025752	0.004910	0.010771
	-0.006336	0.007320	-0.009482	-0.010007	0.028839	0.036291
	-0.041587	-0.015853	0.008860	-0.052559	0.011119	-0.004685
	-0.020412					
x335	0.030256	0.015550	0.013059	0.010059	-0.020297	-0.008767
	-0.009618	0.023899	-0.003618	-0.009463	-0.052772	0.004337
	0.002577	0.045290	0.009475	0.033898	0.002182	0.000465
	0.000287	0.036851	0.010710	-0.001432	-0.018570	0.037320
	0.014616	0.009138	0.087447	0.020689	-0.026976	-0.014464
	-0.006272					
y335	0.012582	-0.011082	0.002141	-0.012701	0.015771	-0.000293
	-0.000092	0.008840	-0.005485	-0.010321	-0.022691	-0.009713
	-0.013389	-0.001193	-0.002477	0.011977	0.001570	0.003857
	-0.002285	0.003238	-0.008179	0.013033	0.013716	0.012515
	-0.004900	-0.004662	0.006829	0.001962	-0.003097	0.000664
	-0.003205					

z335	0.028060	-0.071889	0.017089	-0.064120	0.052798	0.067767
	-0.001085	0.009359	-0.035491	-0.033786	-0.032297	0.008096
	-0.044833	-0.004181	0.017961	0.024857	0.008775	0.011037
	-0.002956	0.013772	-0.012796	-0.006526	0.008640	0.034981
	-0.052517	-0.019931	0.012813	-0.053909	0.020730	-0.002757
	-0.039091					
x336	0.027351	0.014617	0.015471	0.019988	-0.025600	-0.007635
	-0.001347	0.012948	-0.001589	-0.018463	-0.045125	0.006562
	0.012560	0.038340	0.015854	0.038472	0.004198	0.009696
	0.009768	0.036173	0.012583	0.003731	-0.019622	0.038926
	0.013916	0.003485	0.087674	0.011314	-0.025901	-0.018103
	-0.020757					
y336	0.017638	-0.006062	0.004702	-0.004044	0.009553	-0.001504
	0.001297	0.009170	-0.003177	-0.010545	-0.027433	-0.006337
	-0.006008	0.002870	0.000188	0.016773	0.003496	0.002812
	0.000812	0.009694	-0.002614	0.012222	0.008300	0.015891
	-0.004334	-0.001882	0.022110	0.001301	-0.005248	-0.003548
	-0.008803					
z336	0.028763	-0.077394	0.011698	-0.055531	0.045085	0.070815
	-0.000684	0.007675	-0.034833	-0.034922	-0.023644	0.010911
	-0.043638	-0.010522	0.014887	0.020459	0.011987	0.007737
	-0.002110	0.022833	-0.011473	-0.003685	-0.004697	0.034909
	-0.060563	-0.022820	0.020539	-0.052278	0.020463	-0.002168
	-0.043386					
x337	0.027095	0.014561	0.015132	0.024663	-0.025769	-0.003404
	0.002887	0.001957	-0.002377	-0.025928	-0.035133	0.011270
	0.014189	0.029483	0.016403	0.040433	0.006651	0.017292
	0.014279	0.028717	0.007745	-0.001519	-0.011050	0.035054
	0.016929	-0.000193	0.071293	0.004529	-0.014463	-0.019087
	-0.027042					
y337	0.023628	-0.000068	0.008339	0.006019	0.003158	-0.003293
	0.004333	0.006042	-0.001199	-0.010909	-0.029894	-0.001778
	0.000016	0.004291	0.002116	0.027031	0.006809	0.005037
	0.006926	0.014805	-0.004747	0.008829	0.002802	0.021190
	-0.001038	-0.006610	0.034214	-0.000955	-0.006274	-0.012405
	-0.023393					
z337	0.028334	-0.082917	0.007742	-0.047716	0.035928	0.070380
	0.002113	0.006144	-0.032022	-0.036370	-0.016452	0.011357
	-0.040950	-0.012761	0.012975	0.015546	0.014611	0.005465
	0.001057	0.028472	-0.008292	0.003737	-0.020224	0.036283
	-0.065468	-0.019764	0.031932	-0.048237	0.017131	-0.002588
	-0.042125					

x338	0.025912	0.013026	0.012387	0.026629	-0.025005	0.000019
	0.005501	-0.005434	-0.006713	-0.030392	-0.025753	0.016140
	0.015682	0.021329	0.010074	0.037362	0.007232	0.024235
	0.013257	0.018960	0.005797	-0.001522	-0.003077	0.033561
	0.014282	0.001203	0.058635	0.001708	-0.010217	-0.014596
	-0.024333					
y338	0.027745	0.006687	0.009446	0.016170	-0.004320	-0.004600
	0.006068	0.004706	-0.004350	-0.013283	-0.032958	0.003663
	0.005488	0.005583	0.005249	0.034026	0.006104	0.013758
	0.008323	0.012016	-0.005539	0.005029	0.005133	0.024504
	0.002329	-0.008447	0.035009	-0.005007	-0.006460	-0.013323
	-0.026664					
z338	0.028271	-0.087135	0.005356	-0.040865	0.026307	0.068410
	0.004999	0.006047	-0.027264	-0.036468	-0.011463	0.010310
	-0.040458	-0.013742	0.012066	0.011771	0.013520	0.002505
	0.006649	0.032293	-0.006372	0.009249	-0.030693	0.037059
	-0.064127	-0.015585	0.043103	-0.042399	0.011984	-0.000354
	-0.040078					
x339	0.024459	0.009709	0.009086	0.026465	-0.020402	0.001551
	0.009281	-0.012941	-0.006129	-0.029341	-0.016064	0.015507
	0.015412	0.012391	0.008946	0.029526	0.005293	0.022742
	0.016901	0.013072	0.009628	0.004325	-0.006452	0.027409
	0.009682	0.003981	0.056021	0.005394	-0.006027	-0.014730
	-0.017039					
y339	0.031433	0.014257	0.012375	0.026199	-0.008808	-0.010009
	0.012334	-0.001409	-0.004696	-0.015325	-0.033596	0.006853
	0.012999	0.004947	0.012841	0.038941	0.005521	0.020884
	0.017406	0.009139	0.001004	0.006423	-0.002631	0.027725
	0.004535	-0.008424	0.044157	-0.000662	-0.010108	-0.021402
	-0.028401					
z339	0.028866	-0.090946	0.004232	-0.033958	0.014280	0.065234
	0.005911	0.007893	-0.022987	-0.035840	-0.009475	0.008324
	-0.040924	-0.009982	0.010501	0.011281	0.009953	0.002553
	0.010690	0.033950	-0.006347	0.014774	-0.034947	0.037484
	-0.056000	-0.008247	0.054238	-0.040668	0.010364	0.002614
	-0.031565					
x340	0.020594	0.004521	0.002672	0.021604	-0.015822	0.003903
	0.009679	-0.014558	-0.008424	-0.027708	-0.007999	0.016131
	0.010441	0.004724	0.010436	0.022837	-0.001864	0.022176
	0.011495	0.006272	0.013699	0.004328	-0.003629	0.015925
	0.007046	0.011067	0.039457	0.005684	-0.000077	-0.014041
	-0.005161					

y340	0.033039	0.019237	0.011470	0.033214	-0.011540	-0.011601
	0.016375	-0.004531	-0.010870	-0.021802	-0.028611	0.010851
	0.022148	0.006530	0.014836	0.040667	0.001184	0.026524
	0.012240	0.006705	0.004480	0.000442	0.004909	0.022610
	0.003201	-0.001545	0.035144	-0.003025	-0.008010	-0.026333
	-0.016933					
z340	0.030312	-0.092582	0.005382	-0.025963	0.000442	0.059292
	0.006774	0.009562	-0.018870	-0.031424	-0.012116	0.004954
	-0.040540	-0.003573	0.010574	0.010337	0.003935	0.004671
	0.015214	0.033503	-0.004541	0.021423	-0.036689	0.039956
	-0.045406	0.000912	0.071535	-0.038143	0.011068	0.006719
	-0.013972					
x341	0.012774	-0.001442	-0.001551	0.012798	-0.013569	0.002494
	0.009460	-0.014964	-0.000737	-0.023000	0.001646	0.011123
	0.005457	0.003337	0.007600	0.014717	-0.002256	0.022003
	0.016314	0.002184	0.009994	0.008199	-0.013320	0.010408
	0.006102	0.012140	0.027294	0.009095	-0.010238	-0.016380
	-0.004675					
y341	0.034090	0.025656	0.011169	0.037809	-0.015467	-0.017239
	0.024351	-0.018682	-0.012410	-0.029499	-0.016882	0.016135
	0.035533	0.007478	0.015895	0.046049	0.001740	0.042074
	0.020429	-0.002832	0.006432	0.009054	-0.003689	0.023153
	0.003027	0.010228	0.031191	-0.003769	-0.017368	-0.038309
	-0.016989					
z341	0.031587	-0.091606	0.007636	-0.016940	-0.015883	0.051976
	0.008632	0.011787	-0.014868	-0.027323	-0.016682	0.000348
	-0.041064	0.003488	0.011862	0.009340	-0.003998	0.010826
	0.017961	0.029823	-0.002962	0.025919	-0.032379	0.040175
	-0.028147	0.014409	0.084274	-0.032133	0.013084	0.010547
	0.011521					
x342	0.002244	-0.002307	-0.006049	0.001326	-0.010257	0.001706
	0.006210	-0.005818	0.005823	-0.013973	0.005404	-0.000535
	0.003462	0.005474	0.003175	0.004352	-0.003369	0.015448
	0.007664	0.002083	0.005165	-0.000432	-0.004223	-0.000264
	0.000521	0.002639	0.005017	-0.001494	-0.018087	-0.009318
	0.001422					
y342	0.033166	0.030449	0.007366	0.035174	-0.016570	-0.016206
	0.029575	-0.023113	-0.011055	-0.030690	-0.002133	0.021833
	0.033087	0.002112	0.010707	0.042510	-0.000451	0.033422
	0.022476	-0.012270	0.009817	0.008714	-0.000172	0.016063
	0.009792	0.020239	0.017412	0.004120	-0.022128	-0.039906
	-0.020979					

z342	0.028147	-0.087903	0.010191	-0.008405	-0.036697	0.042626
	0.013864	0.009041	-0.014123	-0.025095	-0.019114	-0.003133
	-0.041039	0.008019	0.014240	0.001507	-0.010022	0.024595
	0.016503	0.023163	-0.003294	0.026835	-0.029007	0.041765
	-0.008798	0.038316	0.081548	-0.026570	0.007936	0.009885
	0.031373					
x343	-0.006660	-0.003511	-0.006522	-0.010414	-0.004331	0.000786
	0.002048	-0.000136	0.007263	-0.005562	0.003363	-0.008533
	-0.000946	0.001640	-0.001518	-0.001552	-0.003518	0.009555
	-0.004943	0.007035	0.004917	-0.000830	0.000433	-0.001054
	-0.006350	-0.005816	-0.007479	-0.011205	-0.016017	-0.006171
	0.007530					
y343	0.031404	0.031462	0.002959	0.032619	-0.016820	-0.014512
	0.032185	-0.027509	-0.016251	-0.028291	0.003795	0.028654
	0.021291	-0.005082	0.007960	0.040986	-0.011203	0.035946
	0.021310	-0.007847	0.007944	0.008483	-0.001921	0.019839
	0.004562	0.016582	0.025929	0.003909	-0.016421	-0.041152
	-0.029298					
z343	0.022020	-0.082137	0.008523	-0.010200	-0.050705	0.038487
	0.017066	0.010218	-0.006482	-0.021774	-0.023485	0.007285
	-0.039806	0.005683	0.012592	-0.003018	-0.015208	0.026740
	0.003774	0.033944	-0.004205	0.019252	-0.037159	0.046696
	-0.007857	0.031802	0.066460	-0.013403	-0.006925	0.009063
	0.027532					
x344	-0.010942	-0.010673	-0.004942	-0.016854	-0.001512	0.002267
	-0.003313	0.006271	0.006429	0.000365	-0.002946	-0.012546
	-0.008743	-0.003918	-0.003682	-0.010945	-0.001753	0.000132
	-0.013666	0.011118	0.002997	0.001832	-0.000904	0.001235
	-0.005065	-0.004190	-0.014008	-0.011841	-0.004632	-0.001834
	0.010286					
y344	0.030229	0.031508	-0.001217	0.028211	-0.016146	-0.013033
	0.032942	-0.029151	-0.019029	-0.021820	0.003368	0.032203
	0.015158	-0.007326	0.008650	0.035220	-0.020102	0.035410
	0.014372	-0.009586	0.004239	0.014708	-0.003732	0.014688
	0.001706	0.013747	0.025364	-0.004940	-0.011381	-0.047245
	-0.021105					
z344	0.018154	-0.074379	0.007334	-0.010424	-0.057661	0.033166
	0.016777	0.012712	0.003296	-0.015833	-0.022790	0.009769
	-0.039111	0.008299	0.014348	-0.004717	-0.022279	0.027057
	-0.001606	0.035381	-0.006548	0.015561	-0.042469	0.050150
	-0.008624	0.024238	0.048825	0.001371	-0.012719	0.010888
	0.022442					

x345	-0.012930	-0.015983	-0.003033	-0.019249	0.001487	0.002253
	-0.008925	0.013271	0.007876	0.007455	-0.008085	-0.017034
	-0.012361	-0.005513	-0.003829	-0.012987	0.002323	-0.007703
	-0.014579	0.012371	0.000970	0.002534	-0.004568	0.000301
	-0.004225	-0.005310	-0.016560	-0.010754	0.003202	0.000671
	0.010143					
y345	0.028003	0.030334	-0.005208	0.022728	-0.016147	-0.008511
	0.034083	-0.030756	-0.018431	-0.020726	0.001642	0.025861
	0.015155	-0.009518	0.009770	0.025799	-0.023686	0.035794
	0.004831	-0.007677	0.001017	0.014362	-0.000393	0.011274
	0.006722	0.014080	0.019824	-0.010059	-0.005887	-0.039178
	-0.017773					
z345	0.014210	-0.065923	0.005901	-0.009189	-0.061622	0.027346
	0.015356	0.013560	0.011681	-0.012499	-0.019886	0.008229
	-0.037124	0.012782	0.016708	-0.006486	-0.025557	0.027571
	-0.003579	0.037314	-0.005873	0.010552	-0.042178	0.049716
	-0.010514	0.017785	0.034124	0.006124	-0.015267	0.015654
	0.016953					
x346	-0.013213	-0.020869	0.000104	-0.020002	0.003896	0.002088
	-0.013699	0.017475	0.012097	0.010261	-0.009870	-0.022848
	-0.011430	-0.003795	-0.004187	-0.014167	0.008068	-0.012971
	-0.013358	0.012640	-0.002004	-0.001108	-0.005412	-0.001857
	-0.000503	-0.004627	-0.013694	-0.010776	0.010096	0.006331
	0.011493					
y346	0.022523	0.027199	-0.008785	0.017418	-0.015498	-0.006868
	0.032228	-0.027755	-0.019267	-0.016949	-0.000364	0.023425
	0.008878	-0.009382	0.008907	0.021471	-0.023533	0.029774
	0.001087	-0.004817	-0.000661	0.017054	0.000976	0.013431
	0.004007	0.008600	0.016584	-0.006240	-0.009681	-0.037197
	-0.015101					
z346	0.010167	-0.057800	0.004893	-0.007035	-0.063611	0.020613
	0.012751	0.013495	0.017710	-0.010656	-0.015934	0.006608
	-0.035689	0.014902	0.019808	-0.009401	-0.028343	0.026739
	-0.003683	0.040558	-0.004587	0.008187	-0.037337	0.047740
	-0.013876	0.012368	0.022070	0.006518	-0.013236	0.019194
	0.018570					
x347	-0.014163	-0.026435	0.003514	-0.021351	0.007510	-0.001939
	-0.019004	0.021467	0.010896	0.010338	-0.010094	-0.019271
	-0.007897	0.001874	-0.001086	-0.016045	0.011188	-0.015725
	-0.012583	0.010231	-0.010681	-0.001580	-0.002094	0.002124
	-0.005314	-0.007427	-0.019609	-0.011479	0.017088	0.014403
	0.012887					

y347	0.016817	0.025406	-0.009863	0.014605	-0.016919	-0.001263
	0.030611	-0.028785	-0.017134	-0.016025	-0.003204	0.013464
	0.000457	-0.011483	0.010024	0.020474	-0.024124	0.026483
	-0.006248	0.001674	0.002594	0.014288	0.008251	0.013267
	0.008478	0.007116	0.014452	0.000814	-0.008921	-0.029931
	-0.008512					
z347	0.007022	-0.050551	0.003983	-0.004227	-0.063713	0.014694
	0.011127	0.012968	0.021925	-0.009693	-0.012485	0.003453
	-0.032469	0.017280	0.022912	-0.013315	-0.029139	0.024412
	-0.003410	0.041935	-0.002706	0.005086	-0.028350	0.043808
	-0.016498	0.008034	0.014696	0.003811	-0.011271	0.022103
	0.025521					
x348	-0.015585	-0.033140	0.006657	-0.023830	0.010271	-0.005275
	-0.025992	0.032574	0.018969	0.016312	-0.008835	-0.020056
	-0.004991	0.001931	0.001132	-0.017105	0.018612	-0.029052
	-0.005030	0.009631	-0.007999	-0.011708	-0.006499	-0.007652
	0.000145	-0.000197	-0.012129	-0.011098	0.017511	0.019864
	0.017217					
y348	0.012731	0.021806	-0.010451	0.012508	-0.014029	-0.000098
	0.024296	-0.028017	-0.017895	-0.014135	-0.008453	0.009763
	0.000227	-0.007442	0.010781	0.012917	-0.026787	0.028111
	-0.009662	-0.001707	0.000556	0.018081	0.015223	0.013034
	0.000143	0.000626	0.000603	-0.000658	-0.003743	-0.022342
	-0.002061					
z348	0.004110	-0.042380	0.003270	0.000611	-0.061554	0.008795
	0.008386	0.009849	0.023950	-0.010185	-0.008226	-0.000523
	-0.028782	0.021058	0.026266	-0.017027	-0.030603	0.024395
	-0.004539	0.043048	-0.000508	0.003294	-0.017604	0.041129
	-0.021459	0.004686	0.010111	-0.005493	-0.008228	0.024299
	0.036868					
x349	-0.015826	-0.036421	0.011286	-0.022983	0.011536	-0.008065
	-0.029518	0.035975	0.022764	0.018181	-0.004833	-0.017813
	0.002602	0.000418	0.011321	-0.011362	0.024430	-0.033139
	0.005242	0.012050	-0.007243	-0.012397	-0.015342	-0.007046
	0.001573	0.002962	0.002876	-0.017601	0.008273	0.020075
	0.000264					
y349	0.009882	0.015429	-0.010620	0.008692	-0.010826	-0.001241
	0.015831	-0.018539	-0.008787	-0.004317	-0.009384	0.003444
	-0.003791	-0.008815	0.002226	0.006135	-0.019402	0.014503
	-0.004871	-0.001970	0.002392	0.011367	0.013312	0.002420
	-0.001494	-0.003817	0.001095	0.004030	-0.002661	-0.019000
	0.004901					

z349	0.001240	-0.033462	0.002932	0.006164	-0.057153	0.002149
	0.006135	0.005690	0.025957	-0.011703	-0.001942	-0.005471
	-0.023574	0.025091	0.029705	-0.020020	-0.032862	0.022885
	-0.003496	0.041455	0.001847	0.004661	-0.004043	0.035258
	-0.026550	0.003821	0.006661	-0.012683	-0.003751	0.023604
	0.054202					
x350	-0.014534	-0.036681	0.015267	-0.022800	0.011034	-0.010863
	-0.035799	0.039339	0.020524	0.019375	-0.000608	-0.012466
	0.005867	-0.001634	0.016125	-0.010918	0.019799	-0.033396
	-0.000590	0.009513	-0.009112	-0.023608	-0.008960	-0.010952
	-0.002460	0.015310	-0.002894	-0.022279	0.023985	0.026749
	-0.006207					
y350	0.007766	0.009695	-0.009211	0.005612	-0.006883	-0.002075
	0.008053	-0.011159	-0.003141	0.002890	-0.007905	-0.001062
	-0.005187	-0.008027	-0.000634	0.004563	-0.008143	0.003902
	0.001499	-0.002811	0.000273	0.007185	0.011539	-0.002291
	-0.004495	-0.008523	0.002118	-0.001006	-0.001740	-0.010965
	0.002165					
z350	-0.001243	-0.024759	0.002678	0.013035	-0.049688	-0.004916
	0.002714	0.002559	0.026680	-0.012707	0.005682	-0.013675
	-0.015336	0.029408	0.034146	-0.024530	-0.034526	0.016933
	-0.001080	0.038381	0.004833	0.004658	0.014106	0.024723
	-0.032388	0.004919	0.003167	-0.026841	0.004778	0.026026
	0.070945					
x351	-0.009283	-0.034985	0.018604	-0.023447	0.009852	-0.017029
	-0.037256	0.034519	0.020260	0.017194	0.009487	-0.006940
	0.012828	-0.002254	0.020354	-0.005551	0.013693	-0.023765
	0.003949	0.010636	-0.015583	-0.020923	-0.015565	-0.006380
	-0.002261	0.016017	0.002099	-0.015359	0.018853	0.012196
	0.001927					
y351	0.005835	0.005355	-0.007247	0.003685	-0.002397	-0.004049
	-0.000800	-0.003331	0.000555	0.009870	-0.009071	-0.003924
	-0.006878	-0.005988	-0.006161	0.003529	-0.001846	-0.003817
	0.004323	-0.005402	0.000772	0.001906	0.015071	-0.003056
	-0.005780	-0.009368	-0.002995	-0.003393	0.000750	-0.000103
	-0.000331					
z351	-0.002002	-0.014911	0.001857	0.020911	-0.039268	-0.012406
	-0.002136	0.001289	0.027188	-0.008415	0.011819	-0.025468
	-0.009481	0.032963	0.039203	-0.027715	-0.032691	0.014426
	0.011442	0.033832	0.012999	0.005726	0.031912	0.005219
	-0.034786	0.004316	0.002379	-0.049538	0.011627	0.035120
	0.079460					

x352	-0.006618	-0.032132	0.022527	-0.023879	0.007474	-0.019569
	-0.036367	0.034946	0.015049	0.016939	0.019599	-0.003813
	0.013560	-0.004742	0.018059	-0.006825	0.006260	-0.018647
	0.001096	0.005407	-0.021602	-0.026713	-0.011476	-0.002720
	0.002353	0.016715	-0.000589	-0.014816	0.007357	0.011699
	0.002418					
y352	0.004154	-0.000619	-0.002479	0.002489	-0.000942	-0.008105
	-0.005936	0.001497	0.002272	0.010817	-0.008591	-0.001088
	-0.006451	-0.006957	-0.015070	0.005198	-0.000040	-0.005062
	0.003311	-0.001952	-0.007095	0.004794	0.006691	0.005768
	-0.002172	-0.005502	-0.008237	-0.000940	0.002664	0.001929
	-0.004591					
z352	0.000842	-0.013861	-0.001171	0.025667	-0.037070	-0.013897
	-0.003725	0.009580	0.030408	0.001337	-0.005395	-0.031630
	-0.000750	0.031735	0.036956	-0.028028	-0.021672	0.018541
	0.008688	0.024242	0.027281	-0.007357	0.036458	-0.016820
	-0.025833	0.009901	-0.013168	-0.060502	0.031874	0.035324
	0.076430					
x353	-0.002785	-0.028674	0.024262	-0.023134	0.004726	-0.020791
	-0.032972	0.032196	0.012713	0.015777	0.029776	0.000171
	0.018107	-0.007301	0.011868	-0.003267	0.008384	-0.015137
	0.005195	0.000200	-0.023230	-0.028259	-0.015901	-0.001456
	0.002247	0.014850	0.000092	-0.014070	0.004018	0.006342
	-0.002661					
y353	0.002199	-0.005437	0.002065	-0.001059	0.000366	-0.011740
	-0.010916	0.007595	0.002215	0.009920	-0.001772	0.001066
	-0.000338	-0.007542	-0.014725	0.006227	0.002058	-0.007445
	0.001288	-0.000341	-0.014314	0.000057	0.003002	0.003123
	-0.005816	-0.001168	-0.009506	-0.001543	0.004939	0.004904
	-0.002229					
z353	0.003203	-0.013227	-0.002995	0.030824	-0.034624	-0.018075
	-0.000463	0.013906	0.034932	0.007106	-0.015806	-0.034035
	0.009374	0.026542	0.033657	-0.027940	-0.011567	0.022476
	0.003657	0.013297	0.034656	-0.019212	0.040703	-0.026975
	-0.019902	0.014397	-0.020734	-0.058998	0.042404	0.031803
	0.066498					
x354	-0.001718	-0.025601	0.023130	-0.021172	0.002779	-0.021453
	-0.024689	0.031902	0.007810	0.013247	0.031676	0.001527
	0.018004	-0.010493	0.010668	0.004866	0.009981	-0.010948
	0.002067	0.001876	-0.018649	-0.034717	-0.015272	-0.003622
	-0.004178	0.014791	0.003696	-0.008014	0.004060	0.005309
	0.004562					

y354	0.000575	-0.008186	0.007519	-0.004733	0.000937	-0.015176
	-0.014177	0.014486	0.000316	0.011981	0.003247	0.003432
	0.004268	-0.006991	-0.013512	0.008233	0.003540	-0.009013
	-0.000873	-0.001117	-0.023206	-0.005631	0.001262	0.003253
	-0.010777	-0.001216	-0.006429	-0.002019	0.002179	0.007505
	-0.002937					
z354	0.005531	-0.012273	-0.003265	0.034472	-0.030905	-0.021094
	0.001782	0.017345	0.037660	0.013808	-0.022616	-0.035495
	0.017500	0.020993	0.029684	-0.028068	-0.003739	0.026000
	-0.000137	0.005198	0.037990	-0.026646	0.043882	-0.036368
	-0.016838	0.016284	-0.024434	-0.056717	0.047602	0.029390
	0.056559					
x355	-0.000961	-0.021762	0.023586	-0.018679	-0.000040	-0.023486
	-0.018513	0.031663	0.004738	0.011935	0.033417	0.002416
	0.020642	-0.014535	0.010645	0.009647	0.009243	-0.007356
	0.003603	0.004264	-0.013797	-0.038932	-0.016622	-0.001835
	-0.002208	0.008835	0.004618	-0.002393	-0.005276	-0.000350
	0.002758					
y355	-0.000497	-0.009833	0.014157	-0.007952	0.000358	-0.017685
	-0.017257	0.021122	-0.000646	0.015098	0.011979	0.003471
	0.010758	-0.008485	-0.014072	0.009762	0.004383	-0.013705
	-0.000344	-0.000530	-0.031122	-0.013009	-0.002512	0.003466
	-0.010270	-0.003141	-0.002701	0.000011	-0.005023	0.005641
	-0.005434					
z355	0.008828	-0.010894	-0.001345	0.037166	-0.026346	-0.022756
	0.003662	0.018297	0.039301	0.021485	-0.026315	-0.036306
	0.022534	0.015387	0.023136	-0.027936	0.004067	0.029933
	-0.001957	-0.001691	0.035444	-0.030991	0.044940	-0.041590
	-0.015139	0.014097	-0.025473	-0.054637	0.048561	0.027325
	0.047070					
x356	-0.000077	-0.017311	0.023306	-0.014735	-0.002026	-0.022639
	-0.012152	0.027905	0.001402	0.010662	0.031955	0.004753
	0.017899	-0.016748	0.007056	0.012961	0.007225	0.001525
	0.002536	0.003381	-0.010881	-0.037913	-0.012823	0.001173
	-0.002395	0.004499	0.005358	-0.004019	-0.005018	0.002478
	0.000430					
y356	-0.001739	-0.011485	0.020220	-0.010865	0.001641	-0.020528
	-0.017568	0.025611	-0.001936	0.014660	0.024062	0.005929
	0.018406	-0.008665	-0.012325	0.012994	0.001878	-0.012991
	-0.000497	0.003553	-0.033918	-0.020682	-0.004795	0.003495
	-0.010331	-0.001764	0.002561	0.000359	-0.007088	0.004594
	-0.004816					

z356	0.012463	-0.009683	0.001757	0.038852	-0.020144	-0.023017
	0.004784	0.018087	0.039225	0.029028	-0.025871	-0.036364
	0.026610	0.009383	0.015875	-0.027635	0.010306	0.032719
	-0.003145	-0.006734	0.031095	-0.032524	0.044958	-0.045150
	-0.015136	0.008914	-0.022903	-0.050493	0.043510	0.025539
	0.039524					
x357	0.000285	-0.012921	0.020244	-0.011860	-0.004691	-0.019463
	-0.006645	0.024941	0.000949	0.009425	0.029636	0.003358
	0.014143	-0.018183	0.003361	0.014262	0.007405	0.006037
	-0.000458	0.005075	-0.008129	-0.031764	-0.005827	0.002123
	0.002309	0.000300	0.006764	-0.013381	-0.002812	-0.001048
	-0.002574					
y357	-0.003553	-0.012200	0.024909	-0.013871	0.000693	-0.021232
	-0.016322	0.030917	-0.002202	0.013124	0.035141	0.005271
	0.025845	-0.010457	-0.006392	0.016183	-0.000012	-0.014276
	-0.002202	0.006888	-0.033657	-0.021236	0.000202	0.000960
	-0.005706	-0.000799	0.005928	-0.006406	-0.008127	-0.001040
	-0.010405					
z357	0.016152	-0.008605	0.005532	0.039565	-0.012715	-0.021928
	0.005791	0.015668	0.038066	0.035911	-0.021775	-0.035523
	0.029256	0.003415	0.008605	-0.027330	0.014583	0.035445
	-0.003547	-0.009102	0.026835	-0.030009	0.044743	-0.045655
	-0.017873	0.001896	-0.019533	-0.044979	0.034728	0.024563
	0.034080					
x358	0.002240	-0.008692	0.016983	-0.008736	-0.005965	-0.016632
	-0.001736	0.019561	0.000061	0.009512	0.027582	0.002871
	0.009100	-0.015703	-0.002799	0.013137	0.007231	0.011580
	-0.002616	0.006749	-0.005564	-0.026757	-0.000025	0.004868
	0.008833	-0.008565	0.000597	-0.017843	0.000100	-0.002559
	0.002224					
y358	-0.005063	-0.011398	0.029577	-0.015899	-0.000554	-0.021340
	-0.012690	0.035097	-0.003782	0.013067	0.046951	0.002796
	0.028678	-0.011857	-0.002865	0.020425	-0.002123	-0.015273
	-0.006924	0.010104	-0.031140	-0.021812	0.004356	0.000581
	0.002996	-0.005705	0.006514	-0.006309	-0.008888	-0.004061
	-0.011482					
z358	0.019627	-0.007935	0.010227	0.039997	-0.004536	-0.019689
	0.006216	0.011597	0.035615	0.041397	-0.013777	-0.034242
	0.030204	-0.003878	0.002234	-0.026309	0.018465	0.036777
	-0.003033	-0.010581	0.021421	-0.023758	0.043428	-0.045412
	-0.021765	-0.006261	-0.013515	-0.038382	0.022677	0.023848
	0.030626					

x359	0.003081	-0.005062	0.010878	-0.006290	-0.006346	-0.013094
	-0.000046	0.014110	-0.002008	0.010947	0.020567	0.003653
	0.001140	-0.010882	-0.011916	0.008765	0.008984	0.015109
	-0.004704	0.008462	-0.006050	-0.016108	0.006043	0.006374
	0.010466	-0.014113	-0.007889	-0.028968	-0.000038	-0.003678
	0.003701					
y359	-0.008918	-0.010196	0.033070	-0.016572	-0.000124	-0.023653
	-0.008672	0.042167	-0.007975	0.011968	0.056569	0.000618
	0.030616	-0.012013	-0.000673	0.024264	-0.006273	-0.009433
	-0.009837	0.013741	-0.026386	-0.024802	0.011153	0.004360
	0.006847	-0.010979	0.004923	-0.009723	-0.005648	-0.008154
	-0.010426					
z359	0.022892	-0.007874	0.015668	0.039737	0.004803	-0.015473
	0.007056	0.005740	0.031869	0.045391	-0.000341	-0.032508
	0.029624	-0.011521	-0.003341	-0.025604	0.021041	0.036831
	-0.001214	-0.009711	0.015673	-0.014687	0.040828	-0.042421
	-0.027930	-0.015022	-0.005827	-0.027895	0.006370	0.020923
	0.030226					
x360	0.005788	-0.002844	0.003426	0.000078	-0.002825	-0.007774
	0.000001	0.000841	-0.001838	0.011907	0.020688	-0.002400
	0.001434	-0.012107	-0.020047	-0.004972	0.016044	0.016504
	-0.004036	0.003254	-0.003379	-0.007243	0.019267	0.003225
	-0.001309	-0.022712	-0.019140	-0.023101	-0.006234	0.006057
	0.016275					
y360	-0.014217	-0.006624	0.035890	-0.014911	-0.000154	-0.024035
	-0.000072	0.047831	-0.011657	0.009984	0.063435	-0.006029
	0.028642	-0.011212	0.001131	0.026670	-0.003617	-0.006484
	-0.007413	0.015513	-0.021449	-0.030349	0.010644	0.016260
	0.011434	-0.017505	0.011863	-0.010196	-0.008702	-0.008129
	-0.013262					
z360	0.025646	-0.007692	0.022146	0.039786	0.015067	-0.011749
	0.003009	-0.003521	0.027135	0.047457	0.019683	-0.031035
	0.031606	-0.015799	-0.013373	-0.025128	0.019407	0.033002
	0.006964	-0.006205	0.006196	0.002902	0.039825	-0.039350
	-0.028622	-0.021654	-0.000673	-0.016568	-0.028722	0.031571
	0.035869					
x361	0.012921	-0.001198	-0.003614	0.005245	0.000889	-0.001048
	-0.000519	-0.014975	0.001179	0.014446	0.016290	-0.002286
	0.003811	-0.026486	-0.015617	-0.014205	0.014432	0.011701
	-0.002676	-0.005373	0.012690	-0.000231	0.030719	-0.001190
	-0.016652	-0.017327	-0.029608	-0.007750	0.000435	0.003077
	0.024990					

y361	-0.018267	-0.003852	0.037573	-0.013210	0.000946	-0.026600
	0.008592	0.055505	-0.013503	0.010910	0.064539	-0.010870
	0.028248	-0.013882	-0.003811	0.028855	-0.001762	0.001586
	-0.010764	0.012419	-0.015871	-0.025191	0.007194	0.023344
	0.020214	-0.021836	0.004741	-0.024440	0.002939	-0.006278
	-0.013857					
z361	0.032756	-0.005831	0.038387	0.037135	0.013525	-0.014212
	0.006944	-0.004443	0.026585	0.058897	0.017494	-0.030263
	0.025018	-0.012314	-0.021540	-0.008585	0.012680	0.038562
	0.004760	-0.007757	-0.010935	0.020300	0.031168	-0.022330
	-0.031071	-0.012417	0.026486	-0.036962	-0.039532	0.008894
	0.027691					
x362	0.017288	0.002402	-0.007425	0.004837	-0.000630	0.000904
	0.001532	-0.021670	0.005386	0.018682	-0.010810	0.006478
	-0.001055	-0.028780	-0.003706	-0.013877	0.007209	0.008527
	-0.005578	-0.001240	0.014126	0.009269	0.026621	-0.009986
	-0.024005	-0.009399	-0.018333	-0.004553	0.004683	-0.015410
	0.014754					
y362	-0.020370	-0.001850	0.036121	-0.009061	0.006265	-0.027191
	0.020083	0.058190	-0.014838	0.014465	0.061887	-0.010205
	0.032794	-0.016105	-0.010188	0.026893	0.003669	0.009272
	-0.020879	0.015302	-0.013337	-0.024611	-0.004411	0.024416
	0.024515	-0.035857	0.002177	-0.042306	0.012423	-0.005212
	-0.013315					
z362	0.039234	-0.003530	0.053032	0.034192	0.015344	-0.015175
	0.014765	-0.001967	0.028243	0.074149	0.011675	-0.028784
	0.021151	-0.014732	-0.023879	0.008127	0.011906	0.046866
	-0.004571	-0.009649	-0.021825	0.033163	0.027518	-0.012541
	-0.036064	-0.011128	0.049305	-0.050423	-0.034222	-0.011882
	0.016801					
x363	0.019297	0.001937	-0.008942	0.003874	-0.004793	0.003599
	0.000052	-0.029953	0.011084	0.017737	-0.036007	0.015054
	-0.007669	-0.020971	0.002749	-0.017046	-0.000428	0.002794
	-0.004430	-0.004723	0.003656	0.023549	0.014564	-0.010936
	-0.032051	0.002685	-0.007555	-0.005086	0.006385	-0.029161
	-0.001500					
y363	-0.019689	-0.003159	0.039262	-0.001729	0.005961	-0.018763
	0.030081	0.054534	-0.020248	0.010764	0.059636	-0.014566
	0.021101	-0.020345	-0.018803	0.014068	0.007734	0.000955
	-0.015531	-0.004137	-0.017031	-0.035184	-0.018347	0.040188
	0.043808	-0.033458	-0.001684	-0.030398	0.010651	-0.008577
	-0.012207					

z363	0.049792	-0.007703	0.071544	0.038623	0.019512	-0.005536
	0.014189	-0.003474	0.023145	0.081577	0.016687	-0.025705
	0.000260	-0.020029	-0.019220	0.000817	0.003917	0.037170
	0.011299	-0.055185	-0.021221	0.025065	0.013179	0.022843
	-0.017329	0.002959	0.051758	-0.037222	-0.034604	-0.027149
	0.011078					
x364	0.022139	-0.002665	-0.004860	0.003519	-0.015029	0.008870
	-0.008823	-0.037973	0.016783	0.009780	-0.049798	0.020863
	-0.024820	-0.011471	0.011808	-0.026365	-0.010062	-0.008401
	0.013402	-0.016471	-0.008780	0.026282	0.003013	0.002261
	-0.022095	0.018996	-0.006601	0.008746	-0.005021	-0.041469
	0.000080					
y364	-0.022933	-0.001575	0.034562	0.000387	0.005324	-0.015562
	0.044967	0.051824	-0.018299	0.005655	0.044939	-0.013805
	0.024950	-0.019775	-0.028911	0.010238	0.017387	-0.002425
	-0.032432	0.010260	-0.021241	-0.020497	-0.024054	0.030990
	0.033976	-0.038279	0.004664	-0.036691	0.019695	-0.005679
	-0.029495					
z364	0.050376	-0.005235	0.073195	0.033467	0.027688	-0.006450
	0.029592	0.001032	0.026014	0.090829	0.012603	-0.018786
	0.018170	-0.029982	-0.027028	0.018241	0.005681	0.038449
	-0.018515	-0.034787	-0.015205	0.036296	0.025132	0.011786
	-0.031044	-0.004567	0.068283	-0.041838	-0.020193	-0.034406
	-0.011970					
x365	0.021220	-0.003835	-0.009769	-0.003137	-0.022924	0.007646
	-0.018054	-0.042108	0.025398	0.004298	-0.063826	0.028671
	-0.025486	-0.000935	0.014745	-0.017624	-0.018057	0.000032
	0.012193	0.009551	-0.014210	0.038641	0.014708	-0.009862
	-0.029427	0.026831	0.005400	0.010733	-0.023349	-0.059767
	0.007941					
y365	-0.021755	-0.005609	0.033529	0.004891	0.005571	-0.010145
	0.051933	0.043539	-0.015082	-0.005306	0.035432	-0.009458
	0.018984	-0.018350	-0.030238	-0.004564	0.022000	-0.002011
	-0.037042	0.018582	-0.019582	-0.013659	-0.041748	0.032528
	0.043276	-0.027390	0.006582	-0.027847	0.010958	-0.025851
	-0.022039					
z365	0.050855	-0.009362	0.079427	0.034852	0.031113	0.002297
	0.039068	0.003391	0.024456	0.092460	0.013095	-0.015690
	0.019811	-0.036649	-0.033159	0.012619	0.005907	0.023202
	-0.030784	-0.052325	-0.010354	0.044338	0.027787	0.025422
	-0.030651	0.001653	0.068038	-0.036917	-0.013796	-0.033317
	-0.025862					

x366	0.016854	-0.005824	-0.016728	-0.006143	-0.031612	0.005123
	-0.037311	-0.055309	0.034928	-0.004448	-0.068866	0.024203
	-0.025074	0.017356	0.040893	-0.003304	-0.032313	-0.000383
	0.029924	0.023072	0.004820	0.057545	0.029959	-0.018590
	-0.053210	0.038392	0.033660	0.013484	-0.058128	-0.060388
	0.015121					
y366	-0.022082	-0.011338	0.025502	0.004857	0.002924	-0.009163
	0.051571	0.035725	-0.011039	-0.024691	0.018301	-0.003940
	0.012557	-0.006783	-0.010092	-0.017561	0.006862	-0.016229
	-0.028052	0.018202	-0.001839	0.009883	-0.044156	0.020252
	0.051511	0.001642	0.001213	0.007557	-0.002369	-0.052522
	-0.000175					
z366	0.043183	-0.017878	0.088445	0.038646	0.036315	0.007297
	0.060480	0.017616	0.024771	0.084965	0.008380	-0.002276
	0.030149	-0.038486	-0.018196	0.001182	0.005248	0.007919
	-0.047567	-0.043208	0.008603	0.049432	0.040269	0.022101
	-0.023999	0.015724	0.057328	-0.006304	-0.011571	-0.043427
	-0.021008					
x367	0.023396	-0.003032	-0.015669	-0.010181	-0.034663	0.000117
	-0.051175	-0.058489	0.026706	0.001130	-0.048452	0.026144
	-0.027676	0.020349	0.031895	0.007947	-0.043870	0.008773
	0.034455	0.054690	-0.005248	0.027940	0.028736	-0.025869
	-0.045876	0.029718	0.041778	-0.025887	-0.073954	-0.053973
	-0.002507					
y367	-0.007216	-0.001381	0.005445	-0.001248	-0.003492	-0.014313
	0.019688	0.003064	-0.005607	-0.017014	-0.005842	-0.008932
	-0.001336	0.016991	-0.032575	0.009348	-0.009486	-0.013637
	-0.003923	0.023742	-0.023107	0.018683	-0.042607	-0.011497
	0.036196	0.000640	0.034244	-0.008676	-0.018620	-0.035824
	0.007121					
z367	0.033849	-0.034028	0.105166	0.049581	0.048881	0.011323
	0.101316	0.043458	0.009524	0.068713	0.001485	0.034253
	0.045456	-0.037360	-0.007465	-0.025216	-0.015724	-0.015178
	-0.075707	-0.001599	0.032118	0.018324	0.041971	0.000862
	0.029553	0.045100	0.016868	0.055536	-0.013662	-0.066677
	0.034905					
x368	0.009280	-0.004907	0.009996	-0.014332	-0.035658	-0.008501
	-0.004316	-0.011146	-0.008667	-0.008890	-0.030082	0.036457
	-0.004384	-0.000937	0.032038	-0.013810	-0.080756	0.025100
	-0.010819	0.101107	-0.003411	-0.026877	-0.016452	-0.020644
	0.053611	0.027005	0.007895	-0.014529	-0.056197	-0.080133
	-0.013691					

y368	0.012608	0.009352	-0.046487	-0.014154	-0.017664	0.002413
	-0.074326	-0.025311	0.000557	0.011090	0.011835	-0.035284
	-0.016751	0.046894	-0.046192	0.025643	-0.013902	0.008119
	0.027298	-0.004325	0.001671	-0.019452	0.027765	-0.036202
	-0.055326	-0.001118	0.034112	-0.059891	-0.008387	0.048712
	0.021152					
z368	0.034380	-0.029635	0.092767	0.070978	0.057471	0.030789
	0.105438	0.047542	-0.009452	0.069494	-0.009649	0.029906
	0.044961	-0.013316	-0.087388	-0.036561	0.012264	-0.064026
	-0.082910	-0.028053	-0.001036	-0.018902	0.012431	0.006175
	0.044340	0.001151	-0.005341	0.075392	-0.004282	0.023369
	0.034220					
x369	-0.002770	0.006993	-0.036184	-0.016072	-0.020305	-0.003270
	-0.037149	-0.032830	-0.018696	-0.039774	0.033914	0.016881
	-0.017009	0.003353	0.001255	0.016822	-0.020499	0.023940
	0.009166	0.040539	0.006521	-0.040871	0.014232	-0.003503
	-0.001224	0.005848	-0.014754	-0.030471	0.008748	0.005787
	-0.008169					
y369	0.034156	0.014884	-0.093158	-0.029594	-0.056745	0.084980
	-0.078102	-0.044486	-0.035125	0.036254	0.038980	-0.064132
	0.016056	0.027526	-0.125071	-0.042517	-0.054403	0.010421
	-0.003160	0.022472	0.017244	-0.033357	0.008048	-0.040661
	-0.014013	-0.000875	0.041079	-0.046499	-0.055073	0.019890
	0.005765					
z369	0.019046	-0.010301	0.035083	0.023239	0.014660	0.034933
	0.032392	0.056762	0.027571	0.087891	-0.037076	-0.053661
	0.062914	0.014161	-0.010829	-0.037198	-0.021289	-0.046459
	-0.021211	-0.066379	0.010834	0.048021	-0.005329	-0.001092
	0.001631	0.010962	0.057372	0.074352	-0.051929	0.026471
	0.020227					
x370	-0.003025	0.002579	0.003269	0.015646	0.008810	0.004064
	-0.002056	-0.002380	-0.013520	0.009870	-0.000720	-0.017571
	-0.014493	0.045412	0.021843	-0.027865	-0.009438	-0.006333
	-0.019466	0.030221	-0.021419	-0.019150	0.044792	-0.003776
	0.009700	-0.025231	0.016160	-0.001909	0.001695	-0.055616
	-0.013171					
y370	-0.022662	-0.006558	-0.037906	0.021309	-0.009770	0.031263
	0.017794	-0.004551	-0.008195	0.011832	0.034115	0.020681
	0.003860	0.029617	0.049335	-0.009304	0.016756	-0.042848
	-0.019980	0.061463	-0.046959	0.047579	-0.018248	-0.022217
	-0.041580	-0.041254	0.044659	0.000582	0.080566	-0.040606
	0.020832					

z370	-0.015623	-0.007138	-0.040754	-0.051209	-0.040098	0.017871
	0.047711	-0.014660	0.011134	-0.023308	0.027247	0.027986
	0.029023	-0.115572	-0.045274	0.098681	0.010812	0.017465
	0.036526	-0.054623	0.029697	0.087680	-0.131916	-0.004344
	-0.034331	0.010686	-0.020345	-0.011003	0.036714	0.127073
	0.043394					
x371	-0.018048	-0.015733	0.003442	0.008271	-0.016499	0.013366
	-0.013118	-0.019716	0.053646	-0.016168	0.002196	-0.019341
	0.025740	-0.003937	-0.014571	0.049703	-0.001054	0.021833
	-0.017841	0.008348	0.044597	-0.064217	-0.049615	0.019130
	0.007319	-0.019361	-0.007750	0.028020	-0.043223	0.052869
	-0.045140					
y371	-0.026823	-0.009792	-0.048290	0.040043	-0.014343	0.021659
	0.029358	0.007291	-0.026810	0.000011	0.013753	0.025922
	-0.019263	0.025951	0.045841	-0.001866	0.046777	-0.050534
	-0.026908	0.019201	-0.035676	0.089936	-0.003427	-0.051963
	-0.025710	-0.041648	0.036667	-0.010999	0.090562	-0.046124
	0.021975					
z371	-0.024006	-0.012319	-0.000997	-0.001999	-0.001227	-0.001681
	0.005691	0.000001	-0.003195	0.002739	-0.012824	-0.006380
	0.004469	-0.017101	0.002236	0.018521	0.000833	0.017172
	-0.022844	-0.011113	-0.024187	0.007878	-0.008926	0.009248
	0.005104	0.020614	0.000127	0.016466	-0.007281	0.004981
	-0.076864					
x372	-0.036351	-0.022663	0.007953	0.022544	-0.012395	0.027657
	-0.028802	-0.033036	0.098266	-0.014115	0.020304	-0.018120
	0.044156	-0.030954	-0.030668	0.049719	-0.001069	0.017155
	-0.025630	0.005321	0.064358	-0.087821	-0.089183	0.033370
	0.023223	-0.061361	-0.008868	0.022798	-0.042154	0.063661
	-0.025441					
y372	-0.034525	-0.015682	-0.070516	0.034774	-0.014874	0.005155
	0.019763	0.010366	-0.037972	-0.006097	0.011338	0.004150
	-0.029930	0.026949	0.032144	0.021365	0.034595	-0.036869
	-0.000161	0.015435	-0.016725	0.072848	0.009461	-0.026928
	-0.041013	0.017564	0.020011	0.007047	0.074158	-0.024869
	0.021297					
z372	-0.028370	-0.012987	-0.016784	0.010967	0.004069	0.007163
	0.007395	-0.000896	-0.012766	0.005091	-0.011878	-0.013112
	0.000785	-0.005455	0.009119	0.021493	0.009029	0.011334
	-0.002077	-0.011800	-0.013517	0.019714	0.007257	0.002793
	0.020015	-0.000452	0.010059	0.007449	0.003671	0.002603
	-0.038354					

x373	-0.044757	-0.016688	0.015240	0.032523	-0.005358	0.033037
	-0.032429	-0.035694	0.112515	0.001624	0.025949	-0.008830
	0.047007	-0.044947	-0.030067	0.027086	0.006080	0.018227
	-0.014517	0.002722	0.048845	-0.073677	-0.089818	0.019890
	0.041945	-0.074277	-0.004296	0.008170	-0.024882	0.035567
	-0.013623					
y373	-0.040820	-0.015065	-0.070356	0.024960	-0.013594	-0.002405
	0.014294	-0.003636	-0.025567	-0.009275	0.014032	-0.009364
	-0.025801	0.013315	0.009582	0.033362	0.028654	-0.021826
	0.012505	-0.002445	0.017602	0.055625	-0.005967	0.000173
	-0.039971	0.028399	0.014426	0.019610	0.042779	-0.017788
	0.001939					
z373	-0.034459	-0.012227	-0.039992	0.020300	0.001401	0.009300
	0.011824	-0.002132	-0.010520	-0.009879	-0.008178	-0.009574
	-0.006471	0.003812	0.013763	0.033208	0.023206	-0.007500
	0.000329	-0.018857	0.012576	0.036584	-0.005649	-0.010322
	0.024258	-0.007435	0.012170	0.005917	0.022160	0.016518
	-0.009163					
x374	-0.046583	-0.010265	0.019656	0.042494	-0.001114	0.034960
	-0.035016	-0.027949	0.110809	0.017582	0.027012	-0.000760
	0.043342	-0.045953	-0.023584	0.006428	0.016889	0.016577
	-0.004281	0.005590	0.024854	-0.051946	-0.073807	0.003625
	0.046219	-0.070385	-0.001713	-0.005948	-0.010989	0.007380
	-0.002120					
y374	-0.043256	-0.014929	-0.057358	0.025912	-0.007705	-0.006339
	0.004738	-0.013757	-0.012116	-0.002797	0.004276	-0.022448
	-0.019152	-0.003741	-0.001030	0.029154	0.029308	-0.017090
	0.010868	-0.011900	0.023833	0.036180	-0.015141	0.010090
	-0.025686	0.018065	0.005790	0.008216	0.009091	-0.022420
	-0.000062					
z374	-0.038346	-0.013065	-0.054935	0.027824	-0.004019	0.003267
	0.012350	-0.007385	-0.012260	-0.021056	-0.000236	-0.010738
	-0.009089	0.006885	0.011274	0.041855	0.030313	-0.022232
	-0.002089	-0.017707	0.039361	0.023419	-0.021851	-0.014052
	0.023078	-0.002826	0.005904	-0.003605	0.010338	0.004927
	0.011269					
x375	-0.044904	-0.004582	0.018762	0.048389	0.000429	0.035336
	-0.034983	-0.017166	0.100088	0.028068	0.028975	0.002335
	0.038916	-0.040743	-0.015834	-0.005721	0.024898	0.014280
	0.009533	0.008626	0.007743	-0.028510	-0.052706	-0.002204
	0.035257	-0.054665	0.004511	-0.016550	0.002029	-0.013550
	0.010526					

y375	-0.041297	-0.011887	-0.042596	0.025570	0.001477	-0.007036
	-0.000770	-0.015336	-0.000472	-0.000039	-0.008326	-0.028578
	-0.010629	-0.011069	-0.007132	0.020357	0.028314	-0.006552
	0.009643	-0.013359	0.015635	0.021307	-0.012825	0.008208
	-0.003357	0.009098	-0.001262	0.007619	0.000345	-0.014107
	-0.002914					
z375	-0.042405	-0.013520	-0.064805	0.032336	-0.009008	-0.003164
	0.012191	-0.010478	-0.012466	-0.025166	-0.003326	-0.018999
	-0.012473	0.009706	0.010765	0.043807	0.033876	-0.028770
	0.003328	-0.020148	0.049865	0.008338	-0.030520	-0.009888
	0.017992	0.010358	-0.003509	-0.000898	-0.000324	-0.001613
	0.010876					
x376	-0.041985	0.000169	0.016115	0.051122	0.000484	0.034616
	-0.033454	-0.007140	0.086119	0.034348	0.032720	0.003212
	0.031959	-0.035911	-0.011980	-0.009546	0.030822	0.010533
	0.020934	0.006733	0.000395	-0.005444	-0.032001	-0.002867
	0.020110	-0.040004	0.009130	-0.027627	0.011227	-0.022820
	0.027921					
y376	-0.036790	-0.008556	-0.028333	0.023748	0.008290	-0.007703
	-0.003249	-0.011696	0.007746	0.002538	-0.010258	-0.025823
	-0.006404	-0.013635	-0.011407	0.014703	0.024374	0.002687
	0.003356	-0.009688	0.014088	0.015525	-0.004746	0.000056
	0.011463	-0.001009	-0.007679	0.002749	-0.003053	-0.007615
	0.007822					
z376	-0.046579	-0.012143	-0.068919	0.034409	-0.012947	-0.011088
	0.011724	-0.011239	-0.009136	-0.027851	-0.009070	-0.023033
	-0.018216	0.010043	0.004968	0.045846	0.039990	-0.031626
	0.003262	-0.029168	0.060773	0.004349	-0.032133	-0.008439
	0.015621	0.019771	-0.013977	-0.004196	-0.004976	-0.000589
	0.018583					
x377	-0.037393	0.004840	0.014134	0.051838	0.002540	0.033883
	-0.031093	0.000979	0.071177	0.037890	0.033838	0.002744
	0.024116	-0.030970	-0.010463	-0.010960	0.036151	0.005734
	0.031209	0.006120	-0.004327	0.012664	-0.010022	-0.003946
	0.004468	-0.025366	0.010619	-0.035274	0.013716	-0.029553
	0.044640					
y377	-0.030547	-0.006278	-0.018049	0.023531	0.011923	-0.005915
	-0.005485	-0.008567	0.011321	0.005386	-0.013547	-0.026700
	-0.002435	-0.013689	-0.012466	0.012847	0.019260	0.003707
	-0.000005	-0.012182	0.007148	0.020879	0.012415	-0.003473
	0.008590	-0.006154	-0.006334	-0.004697	-0.006877	-0.007511
	0.005232					

z377	-0.048399	-0.012312	-0.070932	0.039367	-0.011729	-0.018537
	0.011078	-0.011404	-0.003065	-0.028616	-0.020159	-0.029842
	-0.020556	0.011769	0.002187	0.050124	0.038258	-0.030832
	-0.000260	-0.028796	0.062745	-0.002618	-0.024230	-0.010209
	0.012910	0.015788	-0.016137	-0.006575	-0.018288	-0.004882
	0.007996					
x378	-0.030452	0.010226	0.013842	0.051804	0.008511	0.034249
	-0.027910	0.009409	0.056065	0.035775	0.034640	0.005074
	0.012770	-0.026433	-0.009583	-0.018058	0.041472	0.005282
	0.040082	0.013029	-0.008154	0.022850	0.006177	-0.004716
	-0.003000	-0.014915	0.008395	-0.031141	0.011365	-0.033239
	0.057973					
y378	-0.021371	-0.002380	-0.007592	0.020514	0.012488	-0.002849
	-0.010538	-0.004097	0.012260	0.009236	-0.010479	-0.023233
	0.001335	-0.016293	-0.014872	0.007888	0.013272	0.001646
	-0.001494	-0.012083	0.000886	0.025314	0.025192	-0.003956
	0.001644	-0.002598	-0.009883	-0.008584	0.000849	-0.001061
	0.011139					
z378	-0.049008	-0.010915	-0.071293	0.046138	-0.005762	-0.024960
	0.007121	-0.008081	-0.001259	-0.027834	-0.028903	-0.029095
	-0.025739	0.011398	-0.000209	0.041445	0.038499	-0.023328
	-0.007079	-0.019253	0.061835	-0.009655	-0.013529	-0.011548
	0.009656	0.016323	-0.024727	-0.002050	-0.026083	-0.025215
	0.000446					
x379	-0.020869	0.016717	0.016446	0.047734	0.015443	0.035133
	-0.026037	0.014345	0.057718	0.025417	0.038250	0.006205
	0.003542	-0.032426	-0.009140	-0.023361	0.046201	0.006568
	0.047420	0.015626	-0.002840	0.027568	-0.000716	0.012254
	-0.013975	-0.004873	0.024128	-0.012790	0.002870	-0.016977
	0.041843					
y379	-0.011503	0.002291	0.000540	0.015847	0.011661	-0.000488
	-0.016092	-0.001513	0.012816	0.009046	-0.003900	-0.013425
	0.000180	-0.019795	-0.017997	0.004741	0.002506	-0.000287
	0.001341	-0.007789	-0.003614	0.022175	0.024673	0.002957
	-0.004214	0.004440	-0.010937	-0.001650	0.006201	0.007457
	0.005725					
z379	-0.046185	-0.008668	-0.069210	0.050960	-0.000768	-0.030656
	-0.001780	-0.006641	0.000879	-0.022944	-0.034910	-0.025909
	-0.021242	0.010972	-0.001786	0.032052	0.032771	-0.019332
	-0.016827	-0.009490	0.056308	-0.001623	0.000735	-0.016612
	0.004080	0.021274	-0.039269	0.000087	-0.029486	-0.019269
	0.010064					

x380	-0.012635	0.021114	0.020335	0.047014	0.018327	0.034081
	-0.027251	0.012232	0.059203	0.019416	0.037542	0.004398
	0.001867	-0.036113	-0.009002	-0.025489	0.041749	0.007881
	0.052222	0.017225	-0.001142	0.030089	-0.004011	0.026157
	-0.013412	0.006097	0.031425	-0.004684	0.006356	-0.010502
	0.031141					
y380	-0.003368	0.008108	0.006671	0.013948	0.014987	0.003779
	-0.016572	-0.006406	0.010056	0.007405	0.001190	-0.006171
	-0.002109	-0.018389	-0.022358	0.004430	-0.005171	0.006528
	0.011094	-0.009849	-0.010065	0.016359	0.020763	0.009766
	0.001480	0.003016	-0.003860	0.001379	-0.000663	0.000589
	-0.009275					
z380	-0.041744	-0.007751	-0.065312	0.050899	0.001323	-0.033170
	-0.007768	-0.005198	0.009336	-0.023821	-0.031783	-0.028355
	-0.014989	0.004362	-0.001764	0.015407	0.034549	-0.019025
	-0.017700	-0.016083	0.065506	-0.003182	-0.011207	-0.012123
	-0.002847	0.017303	-0.042793	-0.000889	-0.035216	-0.016108
	-0.001201					
x381	-0.004079	0.024619	0.022125	0.048371	0.020256	0.033904
	-0.021175	0.008719	0.043438	0.015319	0.030899	0.002681
	0.002263	-0.027716	-0.006961	-0.029621	0.029781	0.008950
	0.042323	0.025584	-0.011581	0.039120	0.016220	0.017993
	-0.012665	0.009313	0.011434	0.001826	0.023299	-0.020062
	0.041317					
y381	0.003589	0.011230	0.012932	0.014274	0.017924	0.008251
	-0.012733	-0.008093	0.005840	0.016686	0.003234	-0.001290
	-0.004478	-0.010487	-0.018163	0.005278	-0.003947	0.007117
	0.015866	-0.006097	-0.018641	0.022786	0.024982	0.002364
	0.007896	0.000920	0.003903	-0.003382	0.006994	-0.002272
	0.003660					
z381	-0.037466	-0.005473	-0.062644	0.052344	0.005667	-0.036975
	-0.010376	-0.002868	0.013837	-0.027072	-0.030053	-0.024668
	-0.015818	-0.003906	-0.002357	-0.000435	0.032437	-0.019105
	-0.024146	-0.017785	0.074441	-0.004031	-0.007224	-0.004462
	-0.013030	0.004108	-0.033199	0.009284	-0.059237	-0.013079
	-0.022160					
x382	0.005375	0.025226	0.023433	0.048489	0.023757	0.033518
	-0.014319	-0.000124	0.031432	0.012625	0.027374	-0.000685
	0.002875	-0.018843	-0.005109	-0.027231	0.024369	0.006095
	0.033245	0.036504	-0.022020	0.049268	0.026730	0.005866
	-0.011162	0.012537	-0.006185	0.007512	0.048518	-0.026664
	0.056722					

y382	0.010683	0.014133	0.018644	0.013787	0.018122	0.013467
	-0.008760	-0.005323	0.002970	0.024402	0.004491	0.002615
	-0.003251	-0.009737	-0.014808	0.001969	-0.003193	0.003607
	0.017829	-0.005332	-0.029280	0.028306	0.027358	-0.000017
	0.009025	0.001613	-0.001710	-0.005670	0.018621	-0.005608
	0.011468					
z382	-0.029117	-0.004760	-0.056359	0.049878	0.010519	-0.036271
	-0.010686	-0.007344	0.023097	-0.025670	-0.028783	-0.025004
	-0.011999	0.000149	0.001179	-0.001228	0.040698	-0.018197
	-0.023668	-0.011073	0.066436	-0.000111	-0.010205	-0.016514
	-0.014939	0.004128	-0.034845	0.005932	-0.037122	-0.002900
	-0.011368					
x383	0.014004	0.023973	0.023866	0.047627	0.027796	0.031887
	-0.009337	-0.007730	0.019418	0.009898	0.024556	-0.002498
	-0.000224	-0.013213	-0.000772	-0.026306	0.018792	0.000413
	0.024951	0.044200	-0.027785	0.057718	0.032232	0.000899
	-0.013525	0.011267	-0.020310	0.010888	0.064568	-0.030758
	0.065579					
y383	0.017250	0.016462	0.021389	0.012739	0.018550	0.017562
	-0.002870	-0.003727	-0.000608	0.027753	0.006414	0.006880
	-0.004833	-0.009822	-0.011426	-0.001799	-0.007049	0.003286
	0.020524	-0.008616	-0.034748	0.031410	0.032505	-0.002258
	0.011206	0.003961	-0.012988	0.006547	0.028658	-0.007664
	0.013527					
z383	-0.020543	-0.001663	-0.049310	0.049667	0.016091	-0.038683
	-0.013776	-0.009652	0.023648	-0.026058	-0.023952	-0.020713
	-0.006492	-0.005337	0.006751	-0.010398	0.041627	-0.019913
	-0.023308	-0.006140	0.062410	-0.002085	-0.008808	-0.007542
	-0.022705	-0.006490	-0.038911	0.002500	-0.036053	0.000863
	-0.013264					
x384	0.022609	0.021047	0.022792	0.043337	0.031931	0.030185
	-0.004200	-0.014907	0.009731	0.004613	0.023392	-0.004125
	-0.006651	-0.010567	0.002440	-0.026491	0.015301	-0.004706
	0.019591	0.043331	-0.028354	0.060641	0.032481	0.002143
	-0.016471	0.010041	-0.029694	0.017080	0.073681	-0.034712
	0.061650					
y384	0.023138	0.017808	0.022381	0.012280	0.018726	0.020451
	0.002402	-0.003824	-0.004097	0.032476	0.008800	0.010981
	-0.008041	-0.009049	-0.009086	-0.001761	-0.010396	0.000450
	0.021257	-0.004797	-0.041605	0.039086	0.038585	-0.012601
	0.010164	0.007218	-0.024409	0.018359	0.047222	-0.005554
	0.023689					

z384	-0.011359	0.001052	-0.042890	0.049075	0.021974	-0.039198
	-0.017455	-0.013876	0.019782	-0.028569	-0.019048	-0.014996
	-0.001616	-0.012610	0.010587	-0.018571	0.040932	-0.019837
	-0.029124	0.001075	0.057387	-0.005830	-0.004441	0.013365
	-0.036401	-0.017171	-0.030967	0.006957	-0.037066	0.000812
	-0.023964					
x385	0.030210	0.018034	0.018967	0.036734	0.036511	0.026482
	0.002219	-0.019934	0.003295	-0.002429	0.021733	-0.006196
	-0.010028	-0.008880	0.004484	-0.029029	0.012789	-0.004455
	0.014348	0.042087	-0.023476	0.060432	0.033058	0.001579
	-0.020002	0.007559	-0.031606	0.019991	0.067701	-0.029805
	0.049795					
y385	0.030583	0.016651	0.023620	0.012285	0.018562	0.024608
	0.006723	-0.006311	-0.005722	0.036589	0.011415	0.009321
	-0.012250	-0.007420	-0.003135	-0.001687	-0.010875	-0.004726
	0.027013	-0.005863	-0.044238	0.044434	0.034505	-0.021940
	0.012150	0.011087	-0.036634	0.023771	0.068770	-0.012496
	0.035263					
z385	-0.001767	0.007379	-0.037211	0.047111	0.028111	-0.038698
	-0.015188	-0.018027	0.021735	-0.033135	-0.019194	-0.016534
	0.014946	-0.013332	0.014721	-0.029548	0.037873	-0.006003
	-0.035810	0.009751	0.049328	-0.010643	0.002641	0.015948
	-0.044757	-0.021665	-0.025980	0.006048	-0.041755	0.014763
	-0.034610					
x386	0.038269	0.013390	0.016945	0.029280	0.039877	0.024357
	0.006719	-0.023948	-0.003363	-0.008863	0.021680	-0.009305
	-0.017858	-0.006645	0.007779	-0.033443	0.012229	-0.005725
	0.014561	0.028431	-0.017144	0.055307	0.026924	0.004605
	-0.018755	0.006897	-0.035049	0.016685	0.056081	-0.027292
	0.039219					
y386	0.037907	0.014689	0.021382	0.009992	0.019483	0.026500
	0.011555	-0.008015	-0.004863	0.038863	0.013211	0.007232
	-0.017902	-0.009667	-0.000050	-0.000398	-0.010126	-0.007875
	0.034465	-0.005306	-0.041096	0.047179	0.029456	-0.030298
	0.011327	0.010628	-0.041095	0.029200	0.081308	-0.015000
	0.035328					
z386	0.010724	0.011970	-0.026216	0.048058	0.033011	-0.031108
	-0.017671	-0.025305	0.015997	-0.035920	-0.015193	-0.016579
	0.018566	-0.006663	0.023206	-0.039416	0.034133	-0.000922
	-0.038112	0.010103	0.037261	-0.015329	0.003247	0.023209
	-0.044297	-0.019308	-0.035938	-0.003473	-0.023813	0.009417
	-0.017103					

x387	0.044350	0.008920	0.012196	0.018449	0.042040	0.018057
	0.013042	-0.021547	-0.006158	-0.008442	0.019788	-0.009319
	-0.020287	-0.011117	0.008835	-0.037272	0.013993	-0.005752
	0.013410	0.013791	-0.010417	0.045975	0.027528	0.003392
	-0.018958	0.000562	-0.023914	0.014122	0.025478	-0.018866
	0.013039					
y387	0.046685	0.010404	0.018771	0.008564	0.022836	0.028677
	0.012308	-0.009799	-0.007158	0.032595	0.014119	-0.002098
	-0.027189	-0.013221	0.006342	-0.004222	-0.011234	-0.010883
	0.041209	-0.007440	-0.029237	0.046004	0.016940	-0.027653
	0.008872	0.011399	-0.044939	0.022597	0.087687	-0.020357
	0.035446					
z387	0.021505	0.016079	-0.016730	0.045675	0.039827	-0.026245
	-0.018689	-0.024740	0.009480	-0.035560	-0.010628	-0.009804
	0.017948	-0.005852	0.023496	-0.051654	0.026908	-0.000620
	-0.033151	0.011515	0.026954	-0.018104	0.007411	0.027169
	-0.039048	-0.015675	-0.027305	-0.002098	-0.024631	0.007318
	-0.012481					
x388	0.045946	0.006491	0.004722	0.008830	0.038746	0.009261
	0.015611	-0.022560	-0.007087	-0.000357	0.016306	-0.004755
	-0.005529	-0.009134	0.017261	-0.033879	0.019373	-0.006834
	-0.006777	0.008216	-0.004425	0.016564	0.022467	-0.001940
	-0.023552	-0.009866	-0.013093	-0.001447	-0.002598	-0.012500
	-0.013414					
y388	0.056683	0.009103	0.014066	0.006244	0.025781	0.022510
	0.015920	-0.007204	-0.010665	0.025233	0.009969	-0.015387
	-0.016976	-0.018112	0.009935	-0.009908	-0.012017	-0.010679
	0.022100	0.001966	-0.010986	0.034271	0.016728	-0.031056
	-0.005582	0.004619	-0.031874	0.005868	0.053375	-0.015521
	0.012487					
z388	0.032251	0.017407	-0.005640	0.040777	0.046327	-0.019610
	-0.018097	-0.023445	0.003554	-0.033790	0.001728	-0.007402
	0.013428	-0.005425	0.023752	-0.058076	0.022856	-0.010293
	-0.018537	0.005889	0.015437	-0.006901	0.001883	0.029969
	-0.030321	-0.005284	-0.015865	0.001586	-0.007879	0.002274
	0.002387					
x389	0.041495	0.002991	-0.004035	-0.004819	0.029308	0.002305
	0.017391	-0.022155	-0.004232	0.004822	0.012445	0.008298
	-0.003747	-0.000829	0.023334	-0.027756	0.027919	-0.001704
	-0.012207	-0.005157	-0.006920	-0.004714	0.010007	-0.017064
	-0.015516	-0.006248	-0.021823	-0.000755	-0.016899	-0.011956
	-0.011377					

y389	0.063596	0.004354	0.001815	-0.004403	0.021448	0.011757
	0.022399	-0.006263	-0.011093	0.032579	0.006464	-0.006270
	-0.012469	-0.017262	0.015671	-0.010278	0.003134	-0.009988
	0.005603	0.014629	-0.010539	0.017504	0.012590	-0.050112
	-0.016042	0.000641	-0.040061	-0.009068	0.019649	-0.030763
	0.007757					
z389	0.041264	0.020702	-0.000969	0.032974	0.048782	-0.009301
	-0.014809	-0.022822	0.003145	-0.033281	0.004836	-0.002424
	0.011504	-0.002038	0.029602	-0.066262	0.018172	-0.008299
	-0.012526	-0.002428	0.005733	-0.005681	0.003760	0.023976
	-0.029198	-0.004858	-0.004461	0.008218	-0.013629	0.013464
	-0.003772					
x390	0.033090	0.002584	-0.004796	-0.010267	0.020633	0.000136
	0.013824	-0.015884	-0.002203	0.003101	0.011676	0.010116
	-0.004529	-0.002218	0.019446	-0.014245	0.020946	-0.000344
	-0.011109	-0.014593	0.000148	-0.007051	-0.004144	-0.022713
	-0.008098	-0.002148	-0.019320	-0.000523	-0.024575	-0.005854
	0.000418					
y390	0.071080	-0.000645	-0.003971	-0.017470	0.020308	0.009250
	0.023465	-0.006813	-0.008473	0.031434	0.006319	0.002725
	-0.026999	-0.017137	0.022867	-0.007194	0.022234	-0.018466
	0.004515	-0.000334	-0.016431	0.006286	-0.002579	-0.070770
	-0.014949	-0.002274	-0.056697	-0.012698	-0.004863	-0.041328
	0.016110					
z390	0.045800	0.024530	-0.001874	0.017777	0.047809	-0.003740
	-0.002875	-0.017659	0.007359	-0.025176	0.011494	0.004380
	0.015849	0.007550	0.032589	-0.063216	0.021690	-0.003205
	-0.009721	-0.004224	-0.001767	-0.009520	0.000553	0.003198
	-0.024131	-0.000564	0.002322	0.014508	-0.022020	0.018535
	-0.012660					
x391	0.021938	0.003935	-0.003833	-0.007056	0.010988	0.001052
	0.005834	-0.010408	-0.001191	-0.002069	0.007660	0.007137
	-0.000836	-0.004879	0.012420	-0.007830	0.003091	0.004115
	-0.003836	-0.015127	0.008179	-0.002941	-0.013531	-0.014798
	-0.006573	0.001313	-0.010564	-0.003442	-0.023601	0.002783
	0.011246					
y391	0.075031	-0.002358	-0.003750	-0.027051	0.018534	0.009765
	0.019547	-0.005943	-0.002695	0.022343	0.007013	0.007960
	-0.041578	-0.021571	0.023266	-0.000756	0.035951	-0.030811
	0.005887	-0.021208	-0.013832	0.003562	-0.023172	-0.083788
	-0.011768	-0.008639	-0.066968	-0.014590	-0.028027	-0.040337
	0.029175					

z391	0.046752	0.025742	-0.002805	0.002872	0.044039	0.002613
	0.004315	-0.013795	0.013608	-0.020577	0.014045	0.010907
	0.017832	0.015967	0.030147	-0.055172	0.024498	-0.006672
	-0.004663	-0.005991	-0.003001	-0.007705	-0.005565	-0.018441
	-0.028275	0.003261	0.005295	0.015440	-0.027993	0.022984
	0.000570					
x392	0.009520	0.005993	-0.004065	-0.000788	0.003035	0.002452
	0.000964	-0.007705	-0.000569	-0.002445	0.003448	-0.001396
	0.004702	-0.007083	0.009250	-0.005479	-0.012223	0.009505
	-0.002025	-0.008240	0.011628	-0.001347	-0.008709	-0.000625
	0.003632	0.008695	0.003328	-0.002866	-0.014315	0.003940
	0.008408					
y392	0.074847	-0.000599	0.000180	-0.030374	0.013490	0.013525
	0.011970	-0.003939	0.003432	0.010314	0.008647	0.007655
	-0.053457	-0.030280	0.016281	0.003357	0.040118	-0.041222
	0.015540	-0.040106	-0.004323	0.007229	-0.045163	-0.083671
	-0.007491	-0.013999	-0.067539	-0.011975	-0.045791	-0.030721
	0.039859					
z392	0.044110	0.026806	-0.004079	-0.011125	0.039723	0.011171
	0.008947	-0.008262	0.025493	-0.019095	0.015692	0.008019
	0.009904	0.015589	0.027015	-0.045195	0.022566	-0.013195
	-0.009992	-0.005467	-0.006348	-0.002834	-0.004061	-0.033121
	-0.014386	0.008605	0.002292	0.014713	-0.030681	0.026817
	0.015185					
x393	-0.001815	0.006068	-0.006471	0.002946	-0.001214	0.000601
	0.001463	-0.007783	-0.002821	0.001606	-0.000375	-0.005459
	0.016456	-0.002397	0.009725	-0.003540	-0.017475	0.015040
	-0.003938	-0.001286	0.008612	-0.004232	0.006638	0.013425
	0.008883	0.009879	0.017987	-0.004385	-0.002607	-0.000052
	-0.001656					
y393	0.070816	0.001216	0.003510	-0.030066	0.007434	0.015570
	0.003615	-0.000772	0.008907	-0.000011	0.009839	0.002754
	-0.059269	-0.037537	0.005441	0.003753	0.036948	-0.046958
	0.025343	-0.052026	0.004634	0.014634	-0.057838	-0.071893
	-0.004238	-0.017131	-0.062066	-0.007745	-0.050227	-0.018425
	0.043167					
z393	0.038221	0.027202	-0.005791	-0.019493	0.031549	0.018186
	0.009342	-0.002808	0.036634	-0.021778	0.018613	0.009730
	0.001880	0.018542	0.021235	-0.039358	0.017592	-0.019363
	-0.003199	-0.010293	-0.010095	0.009962	-0.008851	-0.030238
	-0.001624	0.017293	-0.000365	0.017690	-0.038030	0.024923
	0.021585					

x394	-0.013314	0.005120	-0.008073	0.005632	-0.003701	-0.001546
	0.002598	-0.009168	-0.005110	0.005836	-0.002961	-0.006969
	0.026649	0.003513	0.008583	0.000290	-0.020816	0.021707
	-0.010714	0.011972	0.003379	-0.007941	0.022293	0.017950
	0.009181	0.008648	0.028099	-0.006718	0.009738	-0.006074
	-0.009578					
y394	0.064344	0.000959	0.003430	-0.029542	0.001297	0.014505
	-0.000336	0.002801	0.012545	-0.003510	0.009448	0.001356
	-0.058108	-0.039413	-0.003167	0.002373	0.034797	-0.050699
	0.028919	-0.058573	0.007827	0.016057	-0.055704	-0.052185
	0.000112	-0.025366	-0.053471	-0.003150	-0.047087	-0.007191
	0.037920					
z394	0.030165	0.028823	-0.008972	-0.030023	0.024929	0.020155
	0.013753	0.004523	0.048491	-0.026247	0.018423	0.009195
	-0.000840	0.015458	0.015665	-0.023326	0.018026	-0.027022
	0.000720	-0.011441	-0.012315	0.017208	-0.002199	-0.018744
	0.014814	0.010147	0.006891	0.019173	-0.039344	0.025581
	0.022479					
x395	-0.021263	0.004734	-0.007567	0.007446	-0.004054	-0.002098
	0.004679	-0.011393	-0.006146	0.006390	-0.004960	-0.008655
	0.031961	0.010680	0.010463	0.003123	-0.019380	0.027059
	-0.016692	0.020276	-0.000657	-0.012704	0.031726	0.013129
	0.009041	0.009528	0.032448	-0.008201	0.017409	-0.012912
	-0.011662					
y395	0.056160	0.000249	0.000116	-0.026539	-0.006786	0.009915
	-0.003470	0.007068	0.017279	-0.002723	0.008694	0.001194
	-0.050024	-0.038681	-0.013883	0.000529	0.026621	-0.046914
	0.024945	-0.050198	0.010906	0.020089	-0.047841	-0.035277
	-0.000317	-0.030038	-0.043853	0.001092	-0.034637	0.003853
	0.027109					
z395	0.021439	0.031219	-0.014363	-0.036064	0.011332	0.023955
	0.015298	0.010775	0.062457	-0.032860	0.017151	0.009138
	-0.003480	0.014310	0.011265	-0.007871	0.011188	-0.028059
	-0.000930	-0.008081	-0.015304	0.019938	0.010420	-0.014781
	0.025003	0.005312	0.007586	0.017144	-0.033507	0.018380
	0.023564					
x396	-0.024072	0.005653	-0.003973	0.010280	-0.000436	-0.000493
	0.005415	-0.015770	-0.009341	0.004742	-0.006630	-0.012665
	0.027564	0.012734	0.013956	0.005123	-0.013435	0.029113
	-0.015383	0.018860	0.000666	-0.015098	0.030313	0.004540
	0.010157	0.012570	0.031715	-0.009118	0.019694	-0.016409
	-0.012111					

y396	0.048777	-0.003082	-0.007617	-0.023705	-0.014539	0.002392
	-0.002922	0.011602	0.020098	0.002758	0.006619	0.007277
	-0.037078	-0.035105	-0.023173	-0.000395	0.018540	-0.040235
	0.016245	-0.037206	0.009907	0.018593	-0.031892	-0.017542
	-0.004546	-0.038773	-0.035499	0.002067	-0.018944	0.009390
	0.006533					
z396	0.011687	0.035493	-0.019611	-0.037552	0.002599	0.024877
	0.015236	0.009070	0.077782	-0.036761	0.015436	0.007488
	-0.009248	0.007677	0.004647	0.017381	0.008381	-0.036885
	-0.006794	-0.006525	-0.020199	0.024264	0.021804	-0.001084
	0.027361	-0.004350	0.011367	0.019947	-0.040030	0.010776
	0.014119					
x397	-0.028217	0.008210	0.005072	0.013600	0.011447	0.004739
	0.002668	-0.024595	-0.018031	-0.001016	-0.007640	-0.023983
	0.016645	0.012920	0.021826	0.009759	-0.002137	0.021657
	-0.012576	0.006962	-0.008541	-0.008376	0.019704	-0.006957
	0.013005	0.027953	0.037664	-0.005857	0.017785	-0.008254
	0.010236					
y397	0.037622	-0.008420	-0.015067	-0.017678	-0.022400	-0.008963
	0.001900	0.018765	0.023802	0.006314	0.006278	0.015294
	-0.021261	-0.021979	-0.039228	-0.005273	0.004283	-0.020575
	0.010407	-0.008070	0.013687	0.009788	-0.012042	0.004851
	-0.014518	-0.040817	-0.037218	-0.000957	-0.002229	0.003980
	-0.019539					
z397	0.003877	0.044167	-0.022463	-0.040684	-0.002699	0.026555
	0.014370	0.003493	0.084996	-0.034320	0.012451	0.014080
	-0.011841	0.003141	-0.000540	0.033438	0.005605	-0.037377
	-0.006705	-0.002121	-0.016405	0.026259	0.031262	0.015614
	0.025490	-0.020072	0.016103	0.019718	-0.026514	0.008942
	-0.000707					
x398	-0.028978	0.007665	0.012164	0.015395	0.016872	0.021488
	0.003868	-0.026274	-0.024586	-0.000285	0.000410	-0.020912
	0.011040	0.018564	0.021112	0.009712	0.005314	0.004941
	-0.002539	-0.012351	-0.010441	-0.003113	0.021106	-0.008092
	0.010334	0.041169	0.045909	-0.004615	0.008602	-0.014419
	0.019179					
y398	0.027121	-0.007419	-0.014787	-0.014106	-0.019517	-0.024487
	0.000772	0.015509	0.019659	0.001690	-0.000740	0.006306
	-0.013436	-0.016031	-0.028486	-0.002170	-0.000048	-0.005924
	0.000661	0.005875	0.007144	0.002697	-0.013142	-0.001927
	-0.011899	-0.036662	-0.029302	0.006222	0.009345	0.012035
	-0.015124					

z398	-0.002964	0.050141	-0.024127	-0.031280	-0.004320	0.022270
	0.011587	-0.008079	0.081290	-0.032553	0.012689	0.009702
	-0.012355	-0.000764	-0.006454	0.030978	0.005857	-0.040952
	-0.003846	-0.008644	-0.007377	0.024512	0.023321	0.038533
	0.027067	-0.026836	0.024625	0.021762	-0.025110	0.019550
	-0.010428					
x399	-0.029314	0.006268	0.018339	0.018729	0.017841	0.037649
	0.005259	-0.025816	-0.026248	0.000130	0.007640	-0.016552
	0.005007	0.022625	0.014471	0.004957	0.005507	-0.004469
	0.014133	-0.024677	-0.001042	0.001684	0.020979	-0.006360
	0.007796	0.043651	0.042027	-0.009342	-0.001288	-0.024447
	0.017545					
y399	0.022163	-0.006397	-0.014385	-0.013791	-0.015097	-0.031187
	-0.001889	0.011933	0.014931	-0.000063	-0.006156	0.004591
	-0.006378	-0.013063	-0.017652	0.000562	-0.004209	0.000600
	-0.006548	0.007287	-0.001866	-0.003837	-0.010467	-0.002159
	-0.003686	-0.033096	-0.020980	0.011838	0.014040	0.018634
	-0.003758					
z399	-0.010740	0.054431	-0.026165	-0.020854	-0.003142	0.014028
	0.015277	-0.016875	0.070502	-0.029363	0.015927	0.002967
	-0.018723	-0.005229	-0.017174	0.021660	0.005983	-0.036655
	-0.002053	-0.004070	0.003146	0.009197	0.019296	0.054895
	0.033435	-0.035040	0.030261	0.024904	-0.027299	0.015861
	-0.034408					
x400	-0.030103	0.005331	0.023471	0.021975	0.018805	0.049176
	0.007217	-0.026536	-0.027425	0.003112	0.015256	-0.014659
	-0.003146	0.024560	0.011604	-0.001980	0.006362	-0.012937
	0.027099	-0.031776	0.007285	0.005351	0.019616	-0.006694
	0.009354	0.041198	0.034945	-0.013488	-0.011975	-0.028859
	0.013712					
y400	0.016743	-0.004120	-0.013241	-0.012800	-0.010185	-0.030357
	-0.004890	0.008065	0.012601	-0.002452	-0.010655	0.004851
	0.000513	-0.008027	-0.012721	0.003017	-0.010344	0.005807
	-0.008941	0.006573	-0.008616	-0.005913	-0.003056	0.000131
	-0.001542	-0.026665	-0.016042	0.014492	0.010091	0.016388
	0.003637					
z400	-0.014267	0.054863	-0.027432	-0.008467	0.000388	0.006489
	0.021322	-0.020828	0.058384	-0.025928	0.016865	-0.006034
	-0.024320	-0.003041	-0.013783	0.020793	-0.000524	-0.030209
	0.007483	0.008985	0.001073	0.005320	0.010287	0.050170
	0.021921	-0.040353	0.015094	0.015204	-0.017256	0.013697
	-0.042013					

x401	-0.032381	0.003998	0.026546	0.024297	0.019099	0.051991
	0.008221	-0.027640	-0.027878	0.007270	0.021667	-0.014349
	-0.012393	0.022804	0.014012	-0.008668	0.008891	-0.019069
	0.032132	-0.032538	0.015102	0.006916	0.014278	-0.012318
	0.015025	0.035731	0.026934	-0.016051	-0.018124	-0.027615
	0.007082					
y401	0.009830	-0.001284	-0.009900	-0.010525	-0.004632	-0.022930
	-0.004888	0.004064	0.008569	-0.001721	-0.010579	0.003656
	0.004539	-0.000309	-0.010542	0.004126	-0.009540	0.005570
	-0.007702	0.003779	-0.007681	-0.001925	0.005439	-0.002743
	-0.001736	-0.015491	-0.014191	0.011817	0.006273	0.004926
	0.010170					
z401	-0.015478	0.051030	-0.031144	0.005910	0.006712	-0.000942
	0.024615	-0.022857	0.046663	-0.027367	0.016531	-0.016405
	-0.038201	-0.004586	-0.006180	0.022139	-0.015487	-0.016222
	0.019813	0.024940	-0.010362	-0.004235	0.001979	0.042170
	0.021763	-0.051327	-0.000222	0.012291	-0.009421	0.024221
	-0.045148					
x402	-0.034664	0.001761	0.027189	0.024886	0.018108	0.045404
	0.006336	-0.027342	-0.024061	0.011592	0.025608	-0.014816
	-0.021432	0.016743	0.021089	-0.014358	0.006356	-0.021475
	0.028591	-0.027356	0.014960	0.005009	0.006275	-0.017049
	0.023608	0.026701	0.019617	-0.015044	-0.023162	-0.016204
	-0.003665					
y402	0.001896	-0.000425	-0.005266	-0.005251	0.000767	-0.012699
	-0.002799	0.001969	0.003551	0.000398	-0.007265	0.001744
	0.004681	0.004436	-0.005713	0.002936	-0.007738	0.005052
	-0.002647	-0.000450	-0.007338	0.007468	0.008985	-0.005962
	-0.001892	-0.008408	-0.011656	0.007533	-0.000870	-0.001789
	0.009892					
z402	-0.015866	0.048721	-0.030103	0.020733	0.013125	-0.008434
	0.024623	-0.019323	0.028533	-0.023050	0.016598	-0.023550
	-0.041512	0.001739	-0.008398	0.012770	-0.016023	-0.008212
	0.017849	0.028803	-0.004262	-0.013684	-0.000907	0.035564
	0.017726	-0.044266	0.001155	-0.001265	-0.002807	0.022061
	-0.041922					
x403	-0.035372	0.000539	0.025276	0.021087	0.016081	0.033083
	0.001560	-0.027387	-0.018218	0.014503	0.024678	-0.012914
	-0.026270	0.009382	0.028723	-0.018316	0.002076	-0.022088
	0.018160	-0.016437	0.011151	-0.000914	-0.001108	-0.015298
	0.032285	0.019247	0.012573	-0.007155	-0.025191	-0.002005
	-0.014263					

y403	-0.006891	-0.000310	0.000574	0.000429	0.004104	-0.004831
	-0.002297	-0.000578	-0.002123	0.004116	-0.002456	-0.001697
	0.002537	0.004896	0.001883	-0.002319	-0.003450	0.000934
	0.000396	-0.000570	-0.005406	0.010910	0.007521	-0.009198
	0.001504	-0.002816	-0.005167	0.001184	-0.008678	-0.003930
	0.004220					
z403	-0.013703	0.046225	-0.028607	0.035637	0.018528	-0.013866
	0.021481	-0.016983	0.005064	-0.013144	0.016489	-0.026294
	-0.037024	0.008061	-0.008189	-0.003996	-0.009101	0.000129
	0.016344	0.032290	0.006344	-0.013155	-0.012428	0.027708
	0.011461	-0.031017	0.002394	-0.004168	0.008501	0.010309
	-0.042727					
x404	-0.034224	0.000623	0.021274	0.013898	0.013449	0.020610
	-0.004332	-0.026699	-0.007879	0.012556	0.020864	-0.009928
	-0.026429	0.003898	0.030235	-0.020312	-0.007871	-0.019219
	0.008901	-0.003740	0.001359	-0.004483	-0.005195	-0.009956
	0.033790	0.013027	0.006042	-0.000640	-0.028166	0.010882
	-0.019279					
y404	-0.014870	-0.000843	0.006327	0.004046	0.006431	-0.000882
	-0.006334	-0.004777	-0.002413	0.007307	0.001033	-0.005265
	0.000154	0.002399	0.011478	-0.006169	-0.004346	-0.003063
	-0.000254	0.002442	-0.007759	0.007210	0.004900	-0.006524
	0.007569	0.002284	-0.001049	-0.003252	-0.017266	0.003310
	-0.002024					
z404	-0.009488	0.040258	-0.027495	0.049300	0.022563	-0.011744
	0.018931	-0.014240	-0.008200	-0.006350	0.017391	-0.032899
	-0.033968	0.010981	-0.007335	-0.012531	-0.007554	0.000373
	0.021603	0.031237	-0.003836	-0.013316	-0.011875	0.013478
	-0.001369	-0.033574	0.010504	-0.017749	0.007521	0.005206
	-0.051436					
x405	-0.031621	0.001740	0.015745	0.006058	0.012098	0.013080
	-0.008757	-0.025458	0.003898	0.007996	0.015145	-0.006546
	-0.023622	-0.000351	0.028843	-0.017640	-0.019774	-0.012860
	0.004981	0.005349	-0.007038	-0.001025	-0.005179	-0.002171
	0.029043	0.010033	-0.001404	0.005233	-0.032767	0.019188
	-0.019530					
y405	-0.021469	-0.001154	0.010534	0.002764	0.007284	0.001194
	-0.011996	-0.009764	0.001963	0.006870	0.000682	-0.006355
	-0.002369	-0.000344	0.017291	-0.008879	-0.008436	-0.004781
	-0.004874	0.007780	-0.014780	0.003062	0.004010	0.002634
	0.014786	0.006919	-0.000846	-0.002612	-0.023019	0.018684
	-0.005481					

z405	-0.002670	0.031567	-0.026713	0.061627	0.030178	-0.009547
	0.014916	-0.015710	-0.017711	0.001029	0.019928	-0.038206
	-0.031229	0.012806	-0.000220	-0.012247	-0.005076	0.008341
	0.023852	0.028836	-0.010742	-0.014287	-0.014924	-0.002734
	-0.005007	-0.037158	0.014848	-0.024368	0.006125	0.004580
	-0.061115					
x406	-0.028923	0.005010	0.010126	-0.002564	0.009489	0.013092
	-0.012350	-0.024206	0.011379	0.000654	0.012242	-0.002236
	-0.017087	0.000599	0.016764	-0.015854	-0.025284	-0.004246
	0.003300	0.011137	-0.006643	0.006593	-0.004358	0.009151
	0.022860	0.013845	-0.004465	0.008192	-0.036526	0.019507
	-0.015575					
y406	-0.027941	-0.000338	0.013544	-0.001531	0.005138	0.004717
	-0.017369	-0.011878	0.009286	0.001172	-0.004449	-0.002322
	-0.002717	-0.002230	0.019959	-0.008138	-0.016565	-0.004048
	-0.004857	0.012284	-0.016010	0.005166	0.004411	0.015990
	0.017424	0.012711	-0.005709	-0.002654	-0.027019	0.020445
	-0.004420					
z406	0.004578	0.023010	-0.024216	0.069868	0.034536	-0.007196
	0.006479	-0.018289	-0.029753	0.000541	0.021755	-0.038521
	-0.024904	0.015117	0.000388	-0.013339	0.006659	0.013992
	0.014397	0.019008	0.006428	-0.018797	-0.021866	-0.021650
	-0.004340	-0.031665	0.016501	-0.029530	0.004271	-0.007381
	-0.061284					
x407	-0.022999	0.006136	0.007635	-0.008147	0.008540	0.010367
	-0.009489	-0.017131	0.006868	0.001659	0.012451	0.000907
	-0.014680	0.002703	0.007084	-0.026808	-0.031945	0.003488
	0.003585	0.008370	-0.002565	0.011972	-0.010224	0.008027
	0.009736	0.007502	0.000876	0.019982	-0.046045	0.033758
	-0.010209					
y407	-0.036164	-0.000663	0.019901	-0.007339	0.004452	0.006026
	-0.017046	-0.007006	0.008225	0.001349	-0.008666	0.002969
	-0.004230	-0.003993	0.024366	-0.019520	-0.032773	0.000462
	0.002246	0.013527	-0.001884	0.010150	-0.002564	0.013664
	0.011875	0.012475	-0.003953	0.012093	-0.038769	0.026941
	-0.000038					
z407	0.011264	0.014916	-0.023099	0.072654	0.039034	-0.005183
	-0.004085	-0.023261	-0.029672	-0.004699	0.018266	-0.036774
	-0.016394	0.011228	0.001221	-0.003115	0.011707	0.016643
	-0.005536	0.013620	0.008727	-0.012761	-0.022579	-0.025331
	-0.003086	-0.025633	0.013418	-0.042762	-0.001274	0.004237
	-0.060444					

x408	-0.017507	0.006311	0.005774	-0.009468	0.009259	0.008980
	-0.006427	-0.013245	0.005870	0.000673	0.010298	0.004260
	-0.010699	0.000529	0.007970	-0.026977	-0.032592	0.004004
	0.006661	0.003816	0.006034	0.014094	-0.012251	0.004284
	-0.002355	-0.002713	0.003855	0.022299	-0.041031	0.029998
	-0.004068					
y408	-0.042925	0.000600	0.024767	-0.016996	0.004938	0.009758
	-0.014950	-0.003345	0.010791	0.000584	-0.009181	0.009253
	-0.007344	-0.007156	0.022182	-0.031462	-0.045827	0.003237
	0.011566	0.011871	0.004082	0.017360	-0.007661	0.011315
	0.000922	0.007272	-0.005060	0.025826	-0.048976	0.050433
	0.001835					
z408	0.017892	0.008793	-0.020337	0.070093	0.041016	0.000461
	-0.015229	-0.026408	-0.032028	-0.010187	0.013391	-0.028220
	-0.004576	0.003737	0.001535	0.010239	0.017953	0.017384
	-0.008895	0.002415	0.014570	-0.014185	-0.031501	-0.026464
	0.005366	-0.023069	0.006061	-0.059055	-0.006405	0.003731
	-0.043653					
x409	-0.011041	0.003627	0.002113	-0.005105	0.009013	0.007502
	-0.005809	-0.012167	0.007051	-0.004170	0.009873	0.002699
	-0.009416	0.000698	0.007714	-0.017146	-0.025522	0.004214
	0.006039	0.001924	0.006869	0.011574	-0.008407	-0.003360
	-0.005851	-0.006785	-0.002932	0.017458	-0.024584	0.024923
	0.002789					
y409	-0.048550	0.002928	0.028542	-0.026023	0.005759	0.015588
	-0.012447	-0.002370	0.017751	0.001956	-0.007638	0.014314
	-0.015077	-0.007875	0.022673	-0.040129	-0.056729	0.003358
	0.017596	0.010074	0.007812	0.029381	-0.012045	0.010474
	-0.013033	0.000807	-0.007690	0.041482	-0.048144	0.070581
	-0.000855					
z409	0.024574	0.001989	-0.018969	0.065135	0.043882	0.005156
	-0.022206	-0.028369	-0.030568	-0.015664	0.008402	-0.023067
	-0.002701	-0.003795	0.003966	0.020216	0.012630	0.016952
	-0.014461	-0.007600	0.017470	-0.018034	-0.018780	-0.036082
	0.014739	-0.023041	-0.012527	-0.051333	-0.005668	0.001467
	-0.026818					
x410	-0.002387	-0.000030	-0.002819	0.002651	0.006812	0.003798
	-0.006308	-0.009129	0.003613	-0.010656	0.006946	0.000035
	-0.002046	0.000397	0.004576	-0.001535	-0.011764	0.005419
	0.003969	0.000032	0.006467	0.003375	-0.006362	-0.010471
	-0.003329	-0.006599	-0.007508	-0.001515	-0.008929	0.011956
	0.007020					

y410	-0.054359	0.002868	0.031275	-0.030262	0.005221	0.023953
	-0.010603	-0.003809	0.026625	-0.000594	-0.001333	0.015039
	-0.022074	-0.002199	0.019921	-0.042945	-0.058619	0.002286
	0.018291	0.013037	0.004554	0.038400	-0.015557	0.010590
	-0.025252	-0.005582	-0.012664	0.045688	-0.033221	0.083731
	-0.001984					
z410	0.026221	-0.005479	-0.016574	0.054937	0.045541	0.010621
	-0.025240	-0.029479	-0.025001	-0.025550	0.006438	-0.019702
	0.006613	-0.000455	-0.000392	0.023724	0.007541	0.014397
	-0.018670	-0.008129	0.006768	-0.019427	-0.011824	-0.033148
	0.014314	-0.027824	-0.020476	-0.055271	-0.015328	0.002687
	-0.011569					
x411	0.007764	-0.002354	-0.007584	0.010347	0.005503	-0.001148
	-0.007185	-0.007534	-0.004048	-0.013244	-0.000368	-0.001919
	0.006085	-0.005309	0.001388	0.013001	0.003499	0.004198
	-0.001172	-0.000410	0.006559	-0.010562	0.000308	-0.013422
	0.004097	-0.005568	-0.007162	-0.016442	-0.005363	-0.010131
	0.004700					
y411	-0.057073	0.001763	0.031440	-0.028190	0.004268	0.029659
	-0.010265	-0.006816	0.030112	-0.003303	0.003600	0.015969
	-0.028690	-0.000124	0.019571	-0.037308	-0.050337	0.004565
	0.015589	0.014601	0.004376	0.042982	-0.018082	0.006844
	-0.030389	-0.005033	-0.020382	0.038904	-0.007560	0.083825
	-0.004633					
z411	0.028032	-0.009741	-0.011570	0.040209	0.047930	0.018014
	-0.029406	-0.035289	-0.020018	-0.030478	0.005037	-0.008564
	0.008364	0.001439	-0.000538	0.023443	0.000604	0.008659
	-0.018038	-0.006680	0.003796	-0.021701	-0.000649	-0.025526
	0.013576	-0.026202	-0.022984	-0.041521	-0.017685	-0.000270
	-0.001469					
x412	0.017644	-0.002700	-0.010971	0.013270	0.004559	-0.005491
	-0.006180	-0.005566	-0.009557	-0.012340	-0.007842	-0.004729
	0.011571	-0.006617	-0.004113	0.020286	0.011077	0.000805
	-0.004145	-0.002709	-0.000027	-0.022604	0.009706	-0.009047
	0.010735	-0.009602	-0.001234	-0.023120	-0.013971	-0.024553
	0.000467					
y412	-0.056332	-0.000885	0.029260	-0.021929	0.004040	0.030152
	-0.008905	-0.009633	0.027225	-0.007824	0.006066	0.013978
	-0.031464	-0.001953	0.019947	-0.029169	-0.036870	0.009237
	0.010604	0.013925	0.006109	0.039577	-0.017508	0.001149
	-0.028268	-0.000506	-0.024109	0.024470	0.011972	0.072018
	-0.011321					

z412	0.029228	-0.011309	-0.006011	0.024343	0.048450	0.023948
	-0.030832	-0.038671	-0.009696	-0.033235	0.000547	-0.004336
	0.006638	-0.000006	-0.001031	0.022641	-0.010371	-0.002941
	-0.021136	-0.012567	0.004080	-0.022414	0.014550	-0.017999
	0.014320	-0.024893	-0.012383	-0.020866	-0.019337	0.010478
	0.006061					
x413	0.025322	-0.001619	-0.012980	0.010872	0.005456	-0.007871
	-0.005783	-0.003979	-0.010152	-0.007587	-0.012124	-0.004433
	0.014642	-0.002727	-0.012812	0.024803	0.009918	-0.003398
	-0.003071	-0.004683	-0.006611	-0.031400	0.017186	-0.000267
	0.015412	-0.013027	0.004516	-0.020493	-0.026112	-0.032878
	0.000659					
y413	-0.053289	-0.004526	0.025813	-0.016809	0.006100	0.025968
	-0.005761	-0.013448	0.019076	-0.010669	0.006930	0.011104
	-0.032640	-0.005696	0.020591	-0.023520	-0.022916	0.015138
	0.007516	0.012329	0.006934	0.030128	-0.014117	-0.004283
	-0.023143	0.006694	-0.021982	0.009713	0.024040	0.049162
	-0.019207					
z413	0.031949	-0.013785	0.000015	0.007668	0.051701	0.030438
	-0.029925	-0.039731	-0.000247	-0.031582	-0.003999	0.002953
	-0.001195	0.001257	-0.001519	0.032754	-0.020009	-0.010999
	-0.021950	-0.009780	0.004605	-0.033142	0.023592	-0.013324
	0.020979	-0.016898	-0.001284	-0.014593	-0.017111	0.010112
	0.018259					
x414	0.028499	-0.000898	-0.013846	0.007989	0.004442	-0.006467
	-0.008160	-0.004102	-0.003351	0.000217	-0.015501	-0.003285
	0.019158	0.005514	-0.014463	0.027055	0.003602	-0.012601
	-0.006560	-0.005571	-0.008866	-0.032033	0.021837	0.006361
	0.019157	-0.018134	0.003036	-0.010930	-0.031693	-0.029412
	0.012680					
y414	-0.049505	-0.009010	0.022508	-0.013868	0.008616	0.017180
	-0.000476	-0.018735	0.008246	-0.014332	0.007167	0.007615
	-0.031895	-0.009459	0.023653	-0.023164	-0.011313	0.020753
	0.002424	0.011348	0.007807	0.016510	-0.009737	-0.010049
	-0.016269	0.015641	-0.011877	-0.002158	0.029921	0.019325
	-0.021367					
z414	0.036085	-0.018291	0.006883	-0.005357	0.052975	0.033450
	-0.029211	-0.038285	0.004341	-0.032495	-0.014755	0.005970
	-0.006664	0.009923	-0.008873	0.037209	-0.028320	-0.019621
	-0.030372	-0.003311	0.002202	-0.036576	0.032457	-0.009103
	0.019508	-0.009315	0.012144	-0.007225	-0.011761	0.001482
	0.032871					

x415	0.040293	0.004180	-0.015618	0.005031	0.004144	-0.005537
	-0.016093	-0.000863	0.012972	0.007340	-0.020902	-0.006836
	0.020010	0.007947	-0.025286	0.041315	-0.025493	-0.018800
	-0.017055	-0.002359	-0.011362	-0.029388	0.020010	0.012197
	0.021944	-0.024546	0.013110	0.004761	-0.010949	-0.009420
	0.017195					
y415	-0.037799	-0.011711	0.014609	-0.006706	0.008217	0.012283
	0.003924	-0.021983	-0.006295	-0.010661	0.007367	0.009138
	-0.020402	-0.006024	0.023542	-0.028638	0.009207	0.020301
	0.005463	0.004398	0.015178	0.013666	-0.000298	-0.012527
	-0.002109	0.017826	-0.011587	-0.012669	-0.008741	-0.004897
	-0.004247					
z415	0.037286	-0.024162	0.015202	-0.018432	0.056213	0.036777
	-0.020059	-0.033518	0.005031	-0.037488	-0.025522	-0.000589
	-0.016091	0.007834	-0.012018	0.035408	-0.028652	-0.023046
	-0.047866	-0.004651	0.016113	-0.038437	0.043978	0.008647
	0.017743	-0.002730	0.029153	-0.000528	-0.018792	0.000350
	0.020947					
x416	0.050696	0.004040	-0.012521	0.002085	0.006026	-0.001784
	-0.015856	0.005580	0.018486	0.020184	-0.029267	-0.009108
	0.011242	0.007464	-0.042927	0.045248	-0.032976	-0.026907
	-0.017564	-0.005822	-0.016021	-0.042221	-0.000872	0.025013
	0.014962	-0.036196	0.025659	0.018780	-0.005283	-0.028811
	0.006027					
y416	-0.019344	-0.010027	0.007792	-0.007116	0.009228	0.008992
	0.002540	-0.017296	-0.007167	-0.012678	0.006021	0.004179
	-0.013254	-0.007691	0.005931	-0.017962	0.004978	0.022421
	-0.004985	0.005328	0.011777	0.023644	0.008429	-0.011244
	0.005140	0.019249	0.002103	-0.013537	0.004201	0.006108
	0.002349					
z416	0.040464	-0.034782	0.023857	-0.026940	0.059740	0.040178
	-0.001549	-0.026755	0.000552	-0.032530	-0.032979	-0.001682
	-0.030606	0.008225	-0.004535	0.034927	-0.018833	-0.019462
	-0.049772	-0.002760	0.034157	-0.023774	0.037190	0.014265
	0.014302	-0.001121	0.043411	-0.009920	-0.024400	-0.014328
	0.024325					
x417	0.055928	0.002778	-0.008704	0.003872	0.003414	0.005358
	-0.013493	0.008529	0.017825	0.032694	-0.034187	-0.006841
	0.008646	0.012242	-0.051121	0.043435	-0.021600	-0.036951
	-0.009702	-0.012228	-0.014435	-0.043832	-0.013745	0.042334
	0.012344	-0.047827	0.023723	0.025206	-0.036100	-0.041253
	0.008746					

y417	-0.007515	-0.014690	0.006958	-0.009204	0.014961	0.005137
	0.006260	-0.010539	-0.009409	-0.017377	0.001694	-0.003301
	-0.010169	-0.012641	-0.001995	-0.010442	-0.004559	0.021115
	-0.016498	0.004701	0.009444	0.020811	0.011799	-0.008136
	-0.000523	0.011861	0.011340	-0.007445	0.017167	0.004933
	-0.000185					
z417	0.040308	-0.044721	0.027933	-0.028005	0.055521	0.040338
	0.012380	-0.018947	-0.007279	-0.024525	-0.028813	0.001540
	-0.028559	0.005865	-0.003906	0.030205	-0.006888	-0.009744
	-0.049177	-0.002407	0.035972	-0.026742	0.018643	0.025725
	0.002384	-0.016616	0.052626	-0.025097	-0.030491	-0.017483
	0.014740					
x418	0.058328	0.004781	-0.005212	0.004540	-0.000932	0.008354
	-0.011105	0.005470	0.020141	0.039934	-0.039298	-0.002295
	0.006549	0.015819	-0.049860	0.043759	-0.005513	-0.044894
	0.001715	-0.015727	-0.009816	-0.035228	-0.022185	0.054180
	0.018157	-0.044668	0.023929	0.027588	-0.048799	-0.040447
	0.016529					
y418	0.003925	-0.019512	0.003248	-0.007914	0.018931	0.004383
	0.008494	-0.005000	-0.006251	-0.013617	-0.006539	-0.007009
	-0.006528	-0.013923	0.001632	-0.001077	-0.013538	0.009088
	-0.022087	0.002758	0.002740	0.014092	0.015103	-0.007116
	-0.012953	-0.003169	0.005848	-0.005769	0.011319	-0.007870
	0.002642					
z418	0.037732	-0.054896	0.028152	-0.027451	0.050263	0.039051
	0.021789	-0.015794	-0.002778	-0.025576	-0.019644	0.006046
	-0.025442	0.001507	-0.003415	0.025963	-0.000102	-0.000004
	-0.047823	0.007027	0.023373	-0.026142	0.000937	0.011708
	-0.004699	-0.017381	0.045772	-0.035860	-0.005257	-0.018714
	0.010670					
x419	0.057492	0.010742	-0.000520	0.004790	-0.006064	0.005426
	-0.007826	-0.002088	0.022193	0.037379	-0.039373	0.001897
	0.006012	0.017365	-0.045996	0.044565	0.010864	-0.042466
	0.014294	-0.015649	0.000441	-0.016167	-0.029750	0.062470
	0.031396	-0.024793	0.034785	0.026952	-0.040416	-0.019973
	0.018620					
y419	0.015275	-0.018233	-0.001426	-0.004808	0.016333	0.004898
	0.006158	0.000619	0.000797	-0.005050	-0.015406	-0.008547
	-0.006535	-0.008515	0.003182	0.005778	-0.016124	-0.006464
	-0.015628	-0.004986	-0.003667	0.007207	0.017627	0.003858
	-0.012193	-0.010718	0.002098	0.000626	0.000970	-0.011510
	0.014197					

z419	0.033014	-0.063805	0.023515	-0.022557	0.042610	0.042507
	0.025209	-0.010658	-0.000039	-0.027403	-0.013768	0.007112
	-0.026652	-0.007666	-0.002671	0.014544	-0.003229	-0.001803
	-0.040711	0.002428	0.014485	-0.014564	-0.008635	0.010084
	-0.017777	-0.013033	0.039502	-0.032499	-0.014165	-0.009222
	-0.013557					
x420	0.053816	0.015818	0.004009	0.006315	-0.008218	-0.001061
	-0.001558	-0.014757	0.019934	0.025530	-0.031779	0.006547
	0.008561	0.016087	-0.037890	0.047938	0.024924	-0.029102
	0.019916	-0.008665	0.014050	0.006328	-0.038523	0.059466
	0.039784	-0.001731	0.048235	0.021046	-0.019168	0.003464
	0.013002					
y420	0.026687	-0.009475	-0.001428	-0.001907	0.011113	0.001127
	0.003971	0.002472	0.010328	-0.000114	-0.021016	-0.008356
	-0.003985	0.000751	-0.001109	0.012285	-0.009562	-0.013800
	-0.001818	-0.009114	-0.001666	0.004982	0.014101	0.017823
	0.005413	-0.004301	0.005492	0.010115	-0.002020	0.004420
	0.028787					
z420	0.032210	-0.070270	0.017289	-0.016666	0.038789	0.047280
	0.027027	-0.006644	0.005200	-0.026252	-0.008950	0.005870
	-0.025316	-0.013412	0.003635	0.016817	-0.002936	0.003237
	-0.036087	0.011736	0.010218	-0.010998	-0.023068	-0.003767
	-0.024279	-0.007063	0.021855	-0.030195	-0.020179	-0.007129
	-0.016818					
x421	0.047021	0.016983	0.005698	0.009185	-0.008015	-0.006366
	0.007090	-0.026985	0.012274	0.006291	-0.017523	0.009229
	0.011176	0.011946	-0.025193	0.047279	0.029674	-0.011574
	0.019956	-0.002739	0.024214	0.021202	-0.040031	0.051627
	0.041027	0.012502	0.054422	0.014589	-0.003338	0.014775
	0.008742					
y421	0.038165	0.000727	0.001619	0.002869	0.007760	-0.005622
	0.006140	-0.005268	0.014651	0.002285	-0.021602	-0.005527
	0.003812	0.006034	-0.004687	0.023735	0.003812	-0.017169
	0.009759	-0.005743	0.009791	0.017471	0.000586	0.026335
	0.020296	0.007440	0.022636	0.011708	0.004959	0.027362
	0.031347					
z421	0.033276	-0.074251	0.012956	-0.007775	0.031848	0.049941
	0.026216	-0.001746	0.011703	-0.023906	-0.004697	0.005713
	-0.019920	-0.020550	0.010920	0.016076	-0.003033	0.003877
	-0.033942	0.015945	0.012209	-0.017168	-0.032528	-0.004940
	-0.024501	-0.003875	0.008326	-0.024757	-0.030388	-0.009846
	-0.024885					

x422	0.037684	0.014483	0.004063	0.009783	-0.006592	-0.007854
	0.015010	-0.031307	0.004753	-0.011032	-0.003664	0.009362
	0.011388	0.008805	-0.014664	0.038861	0.026360	0.003342
	0.018385	-0.004024	0.024738	0.025835	-0.030656	0.038351
	0.037496	0.015598	0.045510	0.011070	0.009050	0.017982
	0.012639					
y422	0.047747	0.009078	0.003145	0.010401	0.006350	-0.012100
	0.012634	-0.018179	0.010214	-0.004602	-0.014805	-0.002025
	0.009823	0.008554	-0.000221	0.035976	0.012909	-0.014167
	0.019905	-0.002037	0.025471	0.029428	-0.014168	0.029573
	0.028372	0.013170	0.035708	0.010000	0.002848	0.040589
	0.028864					
z422	0.033620	-0.076931	0.007453	-0.002972	0.020677	0.051353
	0.023066	0.007302	0.021422	-0.021553	-0.001508	0.006394
	-0.015914	-0.019003	0.009827	0.017053	-0.001692	0.004448
	-0.029022	0.017084	0.004463	-0.017017	-0.045333	-0.006762
	-0.024589	0.003773	-0.013756	-0.024121	-0.028538	-0.002311
	-0.019753					
x423	0.028498	0.010965	0.000224	0.009334	-0.004889	-0.007456
	0.018171	-0.025187	0.000621	-0.017264	0.003817	0.007913
	0.010044	0.001810	-0.004561	0.027152	0.017870	0.010475
	0.019386	-0.006785	0.021548	0.021169	-0.022002	0.023752
	0.033216	0.010729	0.031351	0.006394	0.004589	0.014990
	0.014133					
y423	0.054603	0.014124	0.002114	0.018795	0.006027	-0.015859
	0.022714	-0.030778	-0.000507	-0.017621	-0.001518	0.000840
	0.013821	0.012743	0.008114	0.041694	0.017777	-0.010239
	0.030690	-0.003182	0.038787	0.033849	-0.021081	0.025832
	0.031666	0.009284	0.037335	0.009294	-0.004726	0.046412
	0.034271					
z423	0.033916	-0.078363	0.003265	-0.000212	0.007773	0.050751
	0.021652	0.013837	0.030941	-0.018270	0.003218	0.009728
	-0.018031	-0.012099	-0.000115	0.020867	-0.001733	0.005772
	-0.014999	0.025513	-0.010238	-0.017978	-0.048420	-0.006259
	-0.016647	0.017704	-0.013171	-0.012524	-0.018896	-0.000615
	-0.019223					
x424	0.017107	0.007657	-0.004133	0.008012	-0.008004	-0.005798
	0.014699	-0.013792	-0.000457	-0.012729	0.004432	0.008717
	0.008923	-0.009122	0.004378	0.014495	0.007720	0.016004
	0.007826	-0.000764	0.013645	0.013223	-0.017124	0.002784
	0.022363	0.002612	0.008386	0.000093	-0.004544	0.001900
	0.010846					

y424	0.059514	0.018008	-0.003050	0.028845	0.001945	-0.018275
	0.031124	-0.039276	-0.007902	-0.035947	0.015568	0.002196
	0.022586	0.005438	0.012607	0.038518	0.023892	-0.007651
	0.037030	-0.016228	0.046740	0.028870	-0.031412	0.018492
	0.032875	-0.000049	0.024671	0.019433	-0.027871	0.050643
	0.034486					
z424	0.032707	-0.073371	-0.001582	-0.002409	-0.006389	0.041640
	0.019446	0.014597	0.040049	-0.019293	0.009301	0.008132
	-0.017312	-0.010728	-0.008044	0.033549	-0.008020	0.010150
	-0.006436	0.022422	-0.014358	0.000465	-0.053027	0.001340
	-0.002086	0.026888	-0.019756	-0.004476	-0.005272	0.027331
	-0.014654					
x425	-0.003605	-0.001391	-0.003669	-0.005190	-0.007331	-0.000662
	0.006176	-0.000705	0.002536	-0.001953	-0.001427	0.002609
	-0.002081	-0.003076	0.000570	0.001468	-0.005985	0.021278
	-0.009359	0.011778	-0.011143	-0.001630	0.002948	0.004580
	0.003480	-0.005775	-0.001790	-0.011675	0.004070	-0.016618
	0.003312					
y425	0.053507	0.025913	-0.009638	0.031186	-0.011025	-0.013634
	0.037578	-0.049140	-0.003926	-0.045693	0.017701	0.004247
	0.023772	-0.019363	0.009942	0.031280	0.016720	0.009215
	0.007162	-0.021276	0.045672	0.043749	-0.040387	0.010656
	0.020611	0.013966	0.023596	0.029405	-0.027311	0.036852
	0.021539					
z425	0.032179	-0.068612	-0.003539	0.000692	-0.012470	0.036169
	0.018908	0.012729	0.044253	-0.012480	0.009528	0.011643
	-0.013962	-0.004870	-0.011930	0.040645	-0.011549	0.013057
	-0.002827	0.031330	-0.013586	0.001038	-0.053581	-0.002520
	0.006087	0.026399	-0.013788	-0.002170	0.004560	0.022346
	-0.015206					
x426	-0.007246	-0.003710	-0.004223	-0.010026	-0.004183	0.002051
	-0.002258	0.010497	0.004359	0.006190	-0.005851	-0.005624
	-0.007193	-0.002536	-0.002616	-0.008356	-0.009951	0.010647
	-0.007658	0.005495	-0.016326	-0.013262	0.010471	0.006089
	-0.003023	-0.008702	-0.009195	-0.017590	0.007646	-0.016397
	-0.000334					
y426	0.047031	0.026522	-0.014495	0.029347	-0.012536	-0.009838
	0.042787	-0.052008	-0.007155	-0.045331	0.018073	0.006515
	0.017580	-0.020487	0.014005	0.024478	0.000615	0.015852
	0.002104	-0.019847	0.046566	0.050526	-0.037429	0.008965
	0.014324	0.010042	0.019597	0.018192	-0.038894	0.014182
	0.029165					

z426	0.029543	-0.061186	-0.007704	0.002351	-0.018110	0.033341
	0.020315	0.015747	0.046643	-0.009821	0.007689	0.006744
	-0.014434	-0.004351	-0.013416	0.040836	-0.011777	0.011824
	0.002978	0.025539	-0.013661	0.006393	-0.051031	0.001891
	-0.000522	0.021133	-0.014181	0.001355	0.006930	0.022717
	-0.020451					
x427	-0.011948	-0.009128	-0.001911	-0.012341	0.001090	0.003533
	-0.012596	0.019461	0.003727	0.017242	-0.008824	-0.008059
	-0.007667	0.001861	-0.001285	-0.013101	-0.006102	-0.000552
	0.001057	0.002406	-0.012374	-0.019000	0.023277	-0.003553
	0.000441	-0.006632	-0.014120	-0.012569	0.017519	-0.008266
	0.007830					
y427	0.041127	0.025252	-0.019909	0.027341	-0.013886	-0.007470
	0.041780	-0.051763	-0.005744	-0.042506	0.015630	0.006852
	0.013853	-0.022020	0.012937	0.015502	-0.010366	0.015309
	-0.007285	-0.018519	0.041586	0.054685	-0.032746	0.006174
	0.008361	0.008596	0.013035	0.010711	-0.040340	-0.004592
	0.037454					
z427	0.028443	-0.057014	-0.007094	0.004710	-0.019871	0.026202
	0.020450	0.015780	0.048912	-0.010036	0.007298	0.004755
	-0.011046	-0.000570	-0.012425	0.037317	-0.016972	0.019656
	0.008951	0.022495	-0.012438	0.007472	-0.055520	0.006075
	0.005274	0.022186	-0.017312	-0.005344	0.002461	0.018722
	-0.024973					
x428	-0.015884	-0.012787	0.005230	-0.016270	0.005024	0.001318
	-0.019764	0.031622	0.001780	0.028506	-0.017517	-0.010480
	-0.008506	0.008410	0.000658	-0.014503	-0.002325	-0.003152
	0.009472	-0.001480	-0.014614	-0.028368	0.030962	-0.008623
	0.002616	-0.007085	-0.012706	-0.011182	0.028205	0.005959
	0.005467					
y428	0.034458	0.023994	-0.021142	0.023855	-0.016357	-0.005712
	0.038174	-0.041933	-0.002145	-0.034322	0.003348	0.004155
	0.009064	-0.021136	0.010094	0.008847	-0.019738	0.014015
	-0.018241	-0.014228	0.027563	0.048033	-0.025442	0.004453
	0.008983	0.004527	0.007413	0.002688	-0.032173	-0.018946
	0.040482					
z428	0.027169	-0.052494	-0.008451	0.007977	-0.024594	0.024892
	0.021648	0.014973	0.046326	-0.004622	0.006441	0.005545
	-0.016837	0.002753	-0.009606	0.037015	-0.022426	0.023131
	0.013418	0.022866	-0.013635	0.009857	-0.050421	0.006602
	0.016538	0.020277	-0.013757	-0.007586	0.004514	0.020252
	-0.017974					

x429	-0.020214	-0.016924	0.013576	-0.019476	0.007540	-0.001777
	-0.023971	0.040932	-0.000228	0.033703	-0.019923	-0.013500
	-0.011700	0.014224	0.004727	-0.011432	0.001610	-0.004944
	0.020561	-0.001721	-0.019952	-0.036839	0.032992	-0.009330
	0.001958	-0.009297	-0.012715	-0.009974	0.029359	0.020889
	-0.004077					
y429	0.025934	0.025176	-0.010835	0.019309	-0.022905	-0.011287
	0.031454	-0.016977	0.003225	-0.014475	-0.028759	-0.002671
	-0.001835	-0.010722	0.010475	0.007561	-0.026657	0.021146
	-0.026877	-0.010947	-0.008774	0.032952	-0.023118	0.007996
	0.018870	-0.011278	0.001754	-0.019073	-0.021183	-0.025285
	0.026270					
z429	0.025845	-0.047434	-0.006760	0.009322	-0.027324	0.017518
	0.021451	0.022262	0.044764	0.000554	-0.003654	0.003317
	-0.021434	0.008764	-0.010572	0.031806	-0.026329	0.031620
	0.016948	0.020533	-0.019325	0.005529	-0.050544	0.007491
	0.020432	0.013798	-0.007295	-0.013871	0.008793	0.013398
	-0.010944					
x430	-0.023537	-0.018130	0.025919	-0.023544	0.008084	-0.009110
	-0.026704	0.048580	-0.002676	0.040224	-0.026944	-0.014007
	-0.014107	0.023106	0.011170	-0.007958	0.007902	-0.001942
	0.032433	-0.004797	-0.020882	-0.042086	0.028679	-0.013548
	0.005306	-0.008276	0.001295	-0.021715	0.025179	0.031646
	-0.017651					
y430	0.020826	0.017693	-0.022751	0.018064	-0.015147	-0.000330
	0.024623	-0.021976	0.001848	-0.022112	-0.009881	-0.001141
	0.002123	-0.015281	0.002246	0.000574	-0.022434	0.006346
	-0.033105	-0.001100	0.012144	0.027522	-0.009615	0.012172
	0.005553	0.003138	-0.011968	-0.001546	-0.009511	-0.030171
	0.030907					
z430	0.024672	-0.045801	-0.014116	0.015005	-0.025119	0.020491
	0.022544	0.013893	0.039060	-0.005180	0.005495	0.000370
	-0.018281	0.007051	-0.013015	0.024633	-0.022103	0.028536
	0.021871	0.018121	-0.007642	0.006841	-0.050054	0.011823
	0.010179	0.015532	-0.008474	-0.020005	0.010399	0.010240
	-0.006121					
x431	-0.024422	-0.021474	0.032413	-0.027206	0.010520	-0.014622
	-0.027289	0.046514	-0.002923	0.038482	-0.023945	-0.012295
	-0.010974	0.024827	0.018237	-0.006746	0.008945	-0.003726
	0.045031	-0.008318	-0.016630	-0.038671	0.026174	-0.020743
	0.005522	-0.002378	0.009949	-0.024424	0.013570	0.041400
	-0.020933					

y431	0.015004	0.013270	-0.024201	0.016484	-0.010665	0.003118
	0.019671	-0.019790	0.002487	-0.020355	-0.006869	-0.002343
	-0.000356	-0.011883	-0.000225	-0.001362	-0.019832	0.002903
	-0.034138	0.003514	0.014460	0.020389	0.002088	0.016491
	-0.000699	0.007771	-0.016892	0.004127	0.002384	-0.022745
	0.021426					
z431	0.024172	-0.043172	-0.016744	0.021522	-0.025060	0.018030
	0.022245	0.013475	0.036572	-0.004039	0.001790	-0.003712
	-0.011362	0.005750	-0.014606	0.018563	-0.025883	0.029608
	0.024924	0.016124	-0.012374	0.012292	-0.045952	0.012734
	-0.001343	0.012639	-0.013623	-0.025401	0.015449	0.010929
	0.000220					
x432	-0.024338	-0.025213	0.038289	-0.032829	0.010396	-0.022281
	-0.027259	0.045363	-0.000459	0.034709	-0.021818	-0.008811
	-0.006154	0.023574	0.024864	-0.006762	0.006292	-0.007155
	0.054846	-0.009319	-0.016454	-0.031714	0.015381	-0.031011
	0.010023	0.004507	0.017174	-0.027602	-0.003771	0.041977
	-0.020464					
y432	0.009278	0.009742	-0.021991	0.014345	-0.008509	0.004942
	0.015911	-0.014360	0.001541	-0.016750	-0.005965	-0.005040
	-0.003518	-0.009870	0.001047	-0.000995	-0.017128	-0.002343
	-0.032647	0.007210	0.012833	0.013877	0.011744	0.016468
	-0.003872	0.008775	-0.020940	0.006280	0.006703	-0.013462
	0.013275					
z432	0.023506	-0.038516	-0.017377	0.026464	-0.026200	0.016741
	0.024890	0.013867	0.034239	-0.001411	-0.000349	-0.008949
	-0.014003	0.002083	-0.019435	0.013784	-0.024634	0.028599
	0.023935	0.017781	-0.009928	0.008754	-0.038070	0.015676
	0.004118	0.019090	-0.011714	-0.017462	0.021615	0.005224
	0.008114					
x433	-0.022511	-0.029519	0.045849	-0.038573	0.009298	-0.035418
	-0.030420	0.041954	0.003340	0.031916	-0.014246	-0.000422
	0.002342	0.017477	0.030246	-0.010309	0.002336	-0.015825
	0.064210	-0.009076	-0.016242	-0.020557	-0.003166	-0.036256
	0.011316	0.013991	0.025208	-0.028808	-0.020709	0.037134
	-0.024521					
y433	0.006403	0.005899	-0.015726	0.008949	-0.004342	0.005716
	0.005325	-0.008542	-0.002744	-0.008245	-0.003438	-0.003724
	-0.006671	-0.009758	-0.004816	-0.003368	-0.006613	-0.015427
	-0.020315	0.004621	0.008390	0.007936	0.015544	0.008025
	-0.006888	0.007099	-0.013572	0.003232	0.003583	-0.008009
	0.009594					

z433	0.024172	-0.034454	-0.020700	0.032567	-0.025136	0.010554
	0.021298	0.015431	0.035206	0.003888	-0.003004	-0.011778
	-0.008706	-0.003431	-0.022210	0.005837	-0.025357	0.035185
	0.018631	0.017254	-0.014284	0.005815	-0.027441	0.021183
	-0.001832	0.013465	-0.018887	-0.019534	0.031372	-0.001930
	-0.003496					
x434	-0.016995	-0.028249	0.050173	-0.039025	0.005595	-0.044137
	-0.023142	0.033762	0.001319	0.030363	0.001809	0.010959
	0.004188	0.011701	0.026803	-0.008453	-0.004108	-0.012932
	0.060861	-0.016986	-0.011811	-0.007310	-0.016231	-0.028832
	0.019653	0.020932	0.034766	-0.022794	-0.018101	0.036069
	-0.035463					
y434	0.004616	0.000034	-0.005400	0.001608	0.002311	-0.001717
	-0.005884	-0.005275	-0.001256	0.001209	0.001892	-0.000982
	-0.006582	-0.007694	-0.008956	-0.002762	0.001392	-0.023132
	0.002200	0.000660	-0.004804	0.009236	0.011496	0.000525
	-0.011274	0.000979	0.001658	-0.000984	-0.011362	-0.000316
	-0.009860					
z434	0.024061	-0.033186	-0.020565	0.036077	-0.021952	0.009282
	0.017585	0.019536	0.036966	0.009509	-0.008235	-0.017148
	-0.005922	-0.001106	-0.019791	-0.002969	-0.019268	0.032565
	0.019803	0.010493	-0.016693	0.005034	-0.018749	0.017688
	-0.000203	0.015118	-0.016051	-0.021679	0.030284	-0.010967
	-0.004741					
x435	-0.012881	-0.027170	0.051099	-0.040225	0.002344	-0.046302
	-0.018695	0.030502	-0.000881	0.023174	0.009118	0.015803
	0.006146	0.006468	0.027138	-0.004622	-0.009067	-0.009036
	0.053836	-0.020796	-0.009025	-0.004452	-0.021159	-0.023942
	0.030314	0.023605	0.038322	-0.016708	-0.018714	0.033588
	-0.029532					
y435	0.002113	-0.004374	0.000582	-0.003595	0.005607	-0.008745
	-0.007965	-0.001387	0.003851	0.004363	0.003687	-0.001637
	-0.000691	-0.002360	-0.006860	-0.002521	0.000127	-0.024420
	0.012818	-0.000988	-0.007047	0.011647	0.006669	-0.002323
	-0.013428	0.002513	0.007268	-0.004670	-0.015135	0.007995
	-0.018025					
z435	0.022791	-0.031222	-0.018920	0.039329	-0.017467	0.004371
	0.015622	0.023849	0.038663	0.012366	-0.012118	-0.018311
	0.004454	0.002281	-0.018497	-0.008080	-0.015796	0.035527
	0.018925	0.010229	-0.016548	0.007732	-0.013913	0.014774
	-0.005718	0.017646	-0.019507	-0.020642	0.019982	-0.014837
	-0.009482					

x436	-0.009303	-0.024706	0.050995	-0.039151	-0.000469	-0.045117
	-0.013412	0.026615	-0.004915	0.017164	0.018037	0.015364
	0.005556	-0.000590	0.029145	0.002760	-0.010214	-0.005477
	0.042449	-0.018515	-0.006136	-0.006204	-0.022125	-0.018825
	0.037579	0.022701	0.038153	-0.012745	-0.021575	0.032554
	-0.017350					
y436	0.002775	-0.004872	0.008028	-0.009561	0.008818	-0.016037
	-0.010406	-0.001155	0.001301	0.010360	0.003815	0.004018
	0.002965	-0.005592	-0.001505	-0.001277	-0.001649	-0.024116
	0.020438	-0.008204	-0.002651	0.015334	-0.005911	-0.005689
	-0.012695	0.005591	0.011032	-0.005702	-0.013884	0.011720
	-0.017230					
z436	0.022147	-0.031343	-0.015340	0.042566	-0.013184	0.001837
	0.014441	0.025787	0.039800	0.015639	-0.014906	-0.020849
	0.008224	0.006707	-0.021030	-0.013713	-0.011655	0.033390
	0.015205	0.011093	-0.020400	0.008109	-0.008245	0.015685
	-0.008335	0.019123	-0.017113	-0.020284	0.013638	-0.013317
	-0.009098					
x437	-0.003359	-0.020930	0.044232	-0.034970	0.001204	-0.038357
	-0.008914	0.017825	-0.011668	0.014159	0.031753	0.014084
	0.004247	-0.016822	0.038836	0.010569	-0.010884	-0.005960
	0.033211	-0.017734	0.011776	-0.007160	-0.020243	-0.017352
	0.036745	0.024264	0.033627	-0.001841	-0.021466	0.029674
	-0.001521					
y437	0.002246	-0.002751	0.021810	-0.016697	0.008174	-0.027952
	-0.010954	0.006487	-0.002712	0.018363	-0.001875	0.006541
	0.002678	-0.008481	0.006752	0.008107	-0.003956	-0.017733
	0.022457	-0.011810	-0.008330	0.011261	-0.015359	-0.010176
	0.000161	0.003789	0.014386	-0.008792	-0.014281	0.018838
	-0.015246					
z437	0.021989	-0.031582	-0.013777	0.045843	-0.007562	0.000213
	0.012156	0.027426	0.040702	0.018592	-0.013896	-0.021698
	0.013708	0.005662	-0.022635	-0.018101	-0.008482	0.027006
	0.016624	0.011490	-0.019391	0.010537	-0.004947	0.011715
	-0.012265	0.019411	-0.017268	-0.013318	0.011700	-0.014455
	-0.014317					
x438	0.001293	-0.017215	0.033425	-0.029346	0.003263	-0.027863
	-0.003255	0.006897	-0.017145	0.008913	0.044446	0.011810
	0.004999	-0.032143	0.045519	0.015015	-0.007206	-0.006812
	0.024442	-0.017665	0.030251	-0.002060	-0.016955	-0.012828
	0.025008	0.027882	0.023607	0.007100	-0.021559	0.024210
	0.014821					

y438	-0.000024	-0.003666	0.032215	-0.022715	0.007068	-0.034043
	-0.010622	0.010688	-0.008808	0.016450	0.008944	0.004549
	0.003173	-0.010526	0.011311	0.018196	-0.004484	-0.015869
	0.019220	-0.011833	-0.012098	0.008896	-0.015340	-0.012463
	0.008738	0.004465	0.019860	-0.004279	-0.016575	0.031049
	-0.005874					
z438	0.021714	-0.029800	-0.010114	0.047303	-0.005351	0.000761
	0.012044	0.032180	0.042136	0.025158	-0.025033	-0.020412
	0.016790	0.002938	-0.018222	-0.017476	-0.007399	0.023053
	0.021098	0.001612	-0.020383	0.016408	0.000698	0.007217
	-0.016660	0.016701	-0.014799	-0.014284	0.015292	-0.017861
	-0.019983					
x439	0.003808	-0.009134	0.034507	-0.024270	0.000453	-0.029579
	0.001205	0.014721	-0.016815	0.020106	0.024254	0.010145
	0.001468	-0.033489	0.055827	0.019081	-0.008488	0.005952
	0.021109	-0.018652	0.024217	-0.002900	-0.024034	-0.012111
	0.025024	0.020966	0.017791	-0.001344	-0.017764	0.015729
	0.013801					
y439	-0.002485	-0.004342	0.041944	-0.028255	0.004647	-0.035396
	-0.008088	0.014578	-0.017455	0.010704	0.030192	-0.001332
	0.002110	-0.012209	0.010551	0.026574	-0.000128	-0.009842
	0.010439	-0.008775	-0.022944	0.002160	-0.012739	-0.006428
	0.017123	0.003233	0.022914	-0.004280	-0.021945	0.041245
	0.010641					
z439	0.021974	-0.030963	-0.004766	0.046688	-0.000724	0.001682
	0.013434	0.035675	0.042463	0.022682	-0.021399	-0.014274
	0.023327	0.001809	-0.013505	-0.015281	-0.008655	0.022940
	0.025455	0.004774	-0.016973	0.010657	0.001988	0.002318
	-0.011456	0.016192	-0.012812	-0.002179	0.008090	-0.022030
	-0.017868					
x440	0.002866	-0.007267	0.028257	-0.017399	-0.003049	-0.024835
	0.005554	0.014081	-0.012207	0.015079	0.014863	0.006945
	0.001319	-0.025798	0.042316	0.012705	-0.000562	0.005907
	0.016848	-0.018801	0.015104	0.004644	-0.024994	-0.004872
	0.014640	0.018622	0.008266	-0.004117	-0.016855	0.008203
	0.007983					
y440	-0.008804	-0.007395	0.050285	-0.033444	-0.001345	-0.035003
	-0.001874	0.019902	-0.023903	-0.004926	0.060956	-0.012613
	0.003521	-0.002273	-0.011617	0.029125	0.013175	-0.001505
	-0.005869	0.003679	-0.054034	-0.002299	-0.007909	0.010816
	0.016789	-0.000697	0.022318	-0.011108	-0.032770	0.053015
	0.029882					

z440	0.021253	-0.032597	0.001063	0.045366	0.003154	0.000783
	0.012952	0.040769	0.041785	0.018519	-0.019930	-0.010444
	0.028440	0.004473	-0.015218	-0.015010	-0.008490	0.020588
	0.023471	0.004261	-0.020948	0.010448	0.003325	0.003138
	-0.010385	0.014138	-0.014502	-0.003705	0.007827	-0.024484
	-0.013519					
x441	0.004546	-0.004967	0.018287	-0.008602	-0.005851	-0.014149
	0.008559	0.005936	-0.003265	0.006828	0.008886	0.003597
	-0.004849	-0.022942	0.007615	0.002597	0.019271	-0.000254
	0.012357	-0.015038	-0.005655	0.010991	-0.027701	0.005556
	0.010701	0.010758	-0.010812	-0.016597	-0.018903	-0.005277
	-0.002576					
y441	-0.013583	-0.007393	0.053803	-0.036289	-0.005041	-0.037674
	0.005424	0.028295	-0.029817	-0.009245	0.073681	-0.019146
	0.005921	0.001983	-0.011420	0.029770	0.013368	0.006267
	-0.019820	0.005181	-0.062068	0.001938	-0.000239	0.015540
	0.014960	0.002859	0.024705	-0.010502	-0.031238	0.061916
	0.035744					
z441	0.021085	-0.032770	0.008513	0.043111	0.010034	-0.003214
	0.014207	0.044524	0.041443	0.019322	-0.019990	-0.009022
	0.032892	0.004320	-0.009231	-0.010552	-0.008925	0.017556
	0.019300	0.002422	-0.018368	0.013025	0.002262	0.002919
	-0.009091	0.011813	-0.013242	-0.004923	0.005000	-0.028655
	-0.013378					
x442	0.002141	-0.003886	0.003818	0.002824	-0.005774	-0.005299
	0.010225	0.007012	0.008449	-0.002185	-0.017692	0.001397
	-0.001521	-0.018430	0.002978	-0.012283	0.018492	-0.005758
	0.004506	0.003298	-0.006881	0.014368	-0.023527	0.002533
	0.000804	-0.006681	-0.032625	-0.018106	-0.024323	-0.030990
	-0.021690					
y442	-0.020159	-0.003057	0.049416	-0.038252	-0.010866	-0.038793
	0.019322	0.042966	-0.031583	-0.020213	0.077675	-0.026684
	0.004634	-0.006669	-0.004688	0.024453	0.025119	0.007555
	-0.036569	-0.000207	-0.060286	0.012875	-0.001294	0.028654
	0.015991	0.008683	-0.002217	-0.009555	-0.027558	0.041859
	0.011887					
z442	0.019548	-0.032111	0.017756	0.042660	0.016388	-0.004519
	0.018002	0.047087	0.042226	0.024069	-0.020246	-0.006791
	0.034439	0.001827	-0.000668	-0.005833	-0.008736	0.016891
	0.018809	-0.002528	-0.013320	0.011263	0.003757	0.000021
	-0.005923	0.007769	-0.007338	-0.006186	-0.007593	-0.017974
	-0.013248					

x443	0.003268	-0.006699	-0.001294	0.011366	-0.003102	-0.003230
	0.007838	0.001783	0.010997	0.002793	-0.038233	0.009366
	0.008156	-0.003961	0.003306	-0.019912	-0.001870	-0.006412
	0.007317	0.006683	0.002057	0.010497	-0.014272	-0.006118
	0.006337	-0.006848	-0.008470	-0.009130	-0.007615	-0.028494
	-0.014416					
y443	-0.021759	0.000482	0.040431	-0.028871	-0.008212	-0.027944
	0.026880	0.041452	-0.034253	-0.026218	0.073751	-0.025024
	0.000419	-0.009187	-0.007541	0.008863	0.045327	0.001926
	-0.047980	0.005833	-0.066540	0.023951	0.003485	0.036697
	0.031742	0.011897	-0.008308	-0.021703	-0.017961	0.007571
	0.003237					
z443	0.020127	-0.031193	0.028503	0.042834	0.022488	-0.005136
	0.027668	0.051504	0.042907	0.029391	-0.018707	-0.003845
	0.029610	0.003768	-0.002399	-0.001444	-0.007114	0.013783
	0.010276	-0.004369	-0.017051	0.015514	0.010129	-0.006552
	0.002968	0.011451	-0.001469	0.004248	-0.006871	-0.003695
	-0.004613					
x444	0.005296	-0.007607	-0.003943	0.008960	-0.000875	-0.005853
	0.006981	-0.003859	0.009708	0.002713	-0.043723	0.019286
	0.020549	0.004852	-0.011582	-0.016207	-0.013080	-0.002642
	0.007341	0.005405	0.004697	0.008114	-0.012219	-0.011314
	-0.003809	-0.004559	0.011531	-0.006816	0.006354	-0.017150
	-0.019550					
y444	-0.018521	0.000800	0.039171	-0.023753	-0.007546	-0.022403
	0.028828	0.034663	-0.039212	-0.021837	0.071961	-0.022397
	-0.003101	-0.004712	-0.021769	0.001423	0.044946	-0.000486
	-0.046547	0.001158	-0.080538	0.026174	-0.000262	0.036150
	0.050733	0.013444	0.004597	-0.036547	0.003104	-0.001708
	0.000077					
z444	0.022032	-0.033118	0.029518	0.043879	0.029104	0.000385
	0.035127	0.048270	0.041467	0.026002	-0.009514	-0.003815
	0.030651	-0.000981	-0.007228	-0.003481	-0.002655	0.002555
	0.002818	-0.008335	-0.010870	0.021673	0.010945	-0.006161
	-0.001768	0.012600	-0.005871	0.019620	-0.009024	-0.001146
	0.002942					
x445	0.006584	-0.009188	-0.011066	0.008494	0.002488	-0.003064
	0.002691	-0.013328	0.010132	-0.007890	-0.040709	0.024821
	0.025643	0.003778	-0.018288	-0.015812	-0.009001	-0.006926
	0.009271	0.008700	0.021480	0.006837	-0.006500	-0.012854
	-0.022970	-0.003404	0.006134	0.003691	0.000071	-0.019112
	-0.015095					

y445	-0.017000	-0.002479	0.032455	-0.018695	-0.004499	-0.012122
	0.029108	0.024980	-0.042185	-0.029640	0.078749	-0.020432
	-0.004400	-0.004522	-0.022422	-0.009843	0.041555	-0.012886
	-0.042845	0.000946	-0.069459	0.025477	-0.006114	0.032276
	0.061924	0.023494	0.006464	-0.034615	0.022385	-0.009692
	-0.007057					
z445	0.023293	-0.031803	0.040599	0.045747	0.032001	-0.003534
	0.041529	0.055540	0.041900	0.033060	-0.018043	-0.000203
	0.033058	0.002285	-0.011418	-0.007529	-0.003085	0.005857
	-0.002141	-0.017651	-0.021101	0.022357	-0.004109	-0.003939
	0.002178	0.005778	-0.007025	0.019302	-0.010351	0.003467
	-0.005631					
x446	0.006311	-0.009149	-0.020251	0.010844	0.003423	0.002222
	0.002379	-0.019525	0.017434	-0.014773	-0.031544	0.029222
	0.026976	0.007939	-0.020916	-0.001103	-0.010165	-0.010183
	0.004780	0.010778	0.038864	0.015250	0.013157	-0.008684
	-0.048935	0.012746	0.005760	0.018810	-0.026830	-0.037468
	0.012259					
y446	-0.014551	0.001143	0.035607	-0.014387	-0.010567	-0.005028
	0.028747	0.030682	-0.042404	-0.018537	0.057471	-0.022193
	-0.016917	0.004886	-0.030571	-0.015160	0.037634	-0.011985
	-0.043855	-0.004496	-0.088393	0.017154	-0.019263	0.026866
	0.077750	0.018395	0.016226	-0.053320	0.040442	-0.021437
	-0.039852					
z446	0.025518	-0.033987	0.039255	0.048238	0.042518	0.000433
	0.050592	0.048783	0.040874	0.030696	-0.000561	0.005675
	0.044264	0.000286	-0.019095	-0.010904	-0.000782	0.000828
	-0.007977	-0.014492	-0.000762	0.028394	-0.005215	-0.001741
	-0.005301	0.008651	-0.010024	0.037911	-0.011412	0.011958
	-0.006420					
x447	0.016663	-0.002020	-0.018796	0.013702	0.003323	0.002163
	0.002865	-0.021058	0.017646	0.001413	-0.028972	0.028117
	0.013743	0.017429	-0.065178	0.021417	-0.000193	0.005748
	-0.005393	0.007886	0.010969	0.017846	0.038345	0.005667
	-0.061229	0.010353	0.025905	0.000446	-0.046448	-0.038686
	0.043274					
y447	-0.007735	0.004840	0.031081	-0.010847	-0.017347	0.003883
	0.025128	0.028980	-0.042091	-0.002775	0.037217	-0.030579
	-0.029457	0.013587	-0.055816	-0.017003	0.035684	-0.005979
	-0.050656	-0.013849	-0.104126	0.014749	-0.026064	0.019930
	0.072785	0.007131	0.037712	-0.060181	0.051137	-0.034040
	-0.035373					

z447	0.022350	-0.039248	0.040209	0.049391	0.048948	0.004223
	0.060415	0.047010	0.035738	0.025244	0.005239	0.009068
	0.053979	-0.003769	-0.009048	-0.022273	-0.005858	-0.011945
	-0.008928	-0.011350	0.027141	0.038876	-0.003065	0.003168
	-0.003638	0.019924	-0.025557	0.056620	-0.011947	0.015914
	-0.015902					
x448	0.026780	0.005705	-0.003155	0.022268	0.012713	-0.006638
	0.013597	-0.007863	0.008855	0.015920	-0.022021	0.025731
	0.011448	0.019664	-0.097769	0.044846	0.000161	0.025301
	-0.012598	0.009419	-0.030161	0.016802	0.067768	0.020026
	-0.064519	0.008544	0.017548	-0.014529	-0.044409	-0.010385
	0.065185					
y448	-0.014144	-0.003851	0.022936	-0.012461	-0.021956	0.008976
	0.014118	0.026118	-0.034650	-0.017082	-0.000266	-0.049287
	-0.032251	0.026292	-0.009363	-0.024579	0.010528	-0.013540
	-0.027812	-0.016774	-0.043441	0.024787	-0.025572	0.011413
	0.044644	0.019957	0.050196	-0.029116	0.049673	-0.031914
	0.018378					
z448	0.021296	-0.036995	0.035056	0.052696	0.037353	0.014114
	0.060848	0.018581	0.029243	0.041552	0.005751	0.033818
	0.055832	-0.015381	-0.045124	-0.048225	0.021746	-0.014707
	-0.022555	-0.007250	0.012321	0.002097	-0.010490	0.006740
	0.010628	-0.013032	-0.053272	0.066336	-0.027524	0.008045
	-0.030965					
x449	0.015412	-0.002560	0.004083	0.023522	0.009392	-0.000795
	0.006549	-0.050295	0.003121	0.019504	-0.047823	0.047506
	0.024764	0.002480	-0.069887	0.023124	0.020144	0.015498
	-0.006921	0.027045	-0.025427	-0.009423	0.080297	0.008543
	-0.063020	-0.063437	-0.016189	0.011184	-0.064119	0.016182
	0.040397					
y449	-0.006220	-0.005442	0.008051	-0.009730	-0.020563	0.027004
	-0.010463	0.003293	-0.034842	-0.035549	-0.001712	-0.034804
	-0.032859	0.032925	-0.007740	-0.040186	-0.000917	-0.023598
	-0.023678	0.018783	-0.016908	-0.020407	-0.055173	0.005189
	0.047213	0.007463	0.039273	-0.011420	0.018893	-0.015820
	0.036508					
z449	0.019765	-0.029595	0.031356	0.056652	0.022368	0.025647
	0.061199	0.011899	0.015017	0.034188	-0.012692	0.038087
	0.019064	-0.008138	-0.082597	-0.059063	0.044862	-0.000147
	-0.027862	-0.009360	0.003940	0.013665	-0.034987	0.006829
	-0.025348	-0.010097	-0.049564	0.028832	-0.016714	-0.023224
	-0.031298					

x450	0.021708	-0.003028	-0.006161	0.018902	-0.019200	0.009275
	0.021344	-0.058755	-0.020692	-0.003075	-0.032114	0.070918
	-0.022434	-0.011625	-0.095680	0.016740	-0.030382	0.007414
	-0.025671	0.060619	0.012682	-0.029601	0.073724	0.004872
	-0.044478	0.002975	-0.007875	-0.052531	-0.019028	0.002299
	0.072523					
y450	0.001394	0.011638	-0.019241	-0.042274	-0.049702	0.025156
	-0.058837	0.000928	-0.017682	-0.022274	0.000444	-0.076357
	-0.051452	0.059552	-0.011344	-0.015677	-0.040150	-0.021408
	0.015155	0.001143	-0.040010	-0.021797	-0.041226	0.015511
	0.102336	0.048064	0.043594	-0.026403	0.007136	-0.009792
	0.066682					
z450	0.009163	-0.023337	0.033880	0.046642	0.028008	0.009808
	0.082158	0.011194	0.000556	0.009739	-0.020342	0.048035
	0.019814	-0.029315	-0.074622	-0.031593	0.027050	-0.003624
	-0.036737	0.008730	0.011080	-0.014271	-0.050505	0.032736
	0.013126	-0.004274	-0.069111	0.033607	0.008954	-0.015157
	0.024816					
x451	0.032690	-0.018536	0.034781	0.059582	0.035061	0.002594
	0.077156	-0.088781	-0.073217	-0.057011	0.085518	0.120813
	-0.051877	-0.038558	-0.107101	0.010970	0.027127	-0.048364
	-0.028282	0.105664	-0.005134	-0.109602	-0.032342	-0.014140
	0.018650	-0.008114	-0.035154	-0.071320	0.022911	0.011669
	0.054141					
y451	0.035612	0.024093	-0.113970	-0.048086	-0.065449	0.084752
	-0.115681	-0.043276	-0.017328	0.045116	0.043307	-0.084348
	0.021334	0.033829	-0.124149	-0.033637	-0.048525	0.030268
	0.007831	0.012940	-0.002876	-0.019582	0.024589	-0.036149
	-0.018484	-0.002973	0.045985	-0.045933	-0.059032	0.006987
	-0.004130					
z451	0.031058	-0.022609	0.078281	0.060527	0.042337	0.027301
	0.100040	0.035683	-0.002642	0.080005	-0.018928	0.003378
	0.039484	-0.002899	-0.056711	-0.037672	-0.001503	-0.073762
	-0.041971	-0.021298	0.004064	0.012079	-0.021517	-0.021720
	0.037791	0.003090	0.034973	0.055845	-0.054449	-0.002642
	0.052646					

Phylogenetic mapping

Dataset: PD_Cochlea

Data type: Procrustes coordinates

Phylogeny: Phylogeny_PD_Cochlea

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.09608917

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.0001

Phylogenetic mapping

Dataset: PC scores, CovMatrix, PD_Cochlea, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_PD_Cochlea

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.09608917

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.0005

Canonical Variate Analysis: CVA ...PD_Cochlea

Dataset: PD_Cochlea

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	1.68839868	46.941	46.941
2.	1.45253938	40.384	87.325
3.	0.45591702	12.675	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	2.8959		
marine	3.0476	3.2633	
polar	2.8416	3.3119	4.0279

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	0.0015		

marine	0.0012	0.0126	
polar	0.9919	1.0000	0.7485

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0532		
marine	0.0677	0.0862	
polar	0.0726	0.0747	0.0961

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0398		
marine	0.0067	0.0015	
polar	0.3695	0.2170	0.1385

Canonical coefficients:

	CV1	CV2	CV3
x1	1.9018		3.0483
y1	-3.7252		-0.6591
z1	8.9810		-1.0376
x2	6.0927		-1.5144
y2	-5.6034		4.3018
z2	4.0101		1.2080
x3	5.1653		-2.1786
y3	0.5531		4.1751
			-6.2409
			-6.9054
			-4.3747
			3.8399
			-5.7573
			0.2772
			2.5890
			-2.6973

z3	3.5733	-0.7877	-2.2973
x4	2.8781	-1.2514	1.9157
y4	0.8500	2.7241	-1.5350
z4	3.1837	-3.8362	-1.0676
x5	1.1590	-2.0112	0.7403
y5	2.1904	-3.7449	-1.6322
z5	0.0750	-0.2087	1.6613
x6	-2.8159	-2.0990	-1.4452
y6	3.4035	-3.2568	-0.2556
z6	-2.5741	1.7074	2.0835
x7	-1.5138	-1.2720	-0.6950
y7	2.9355	-2.4255	2.3183
z7	-0.5820	0.8779	2.8132
x8	-0.5319	-0.1472	0.1293
y8	-0.0713	-1.3614	4.1144
z8	-0.1963	2.0700	4.3826
x9	0.4048	-0.7187	1.1874
y9	-1.0892	-0.0906	6.7658
z9	-0.7780	2.3442	4.7706
x10	2.4249	-1.9948	0.7796
y10	-2.4395	-0.0423	7.8452
z10	-2.6115	1.4691	2.7694
x11	1.5574	-0.8328	-0.3860
y11	2.1725	-1.0977	6.4784
z11	-7.0332	5.1753	3.9063
x12	1.8458	-1.0412	-2.4289
y12	6.7411	-3.4301	3.6298
z12	-7.5689	6.6218	4.4082

x13	2.7776	-1.2461	-2.9947
y13	1.0948	1.2808	4.8355
z13	-10.6970	10.6809	7.9425
x14	8.3848	-4.8370	-4.9128
y14	1.2225	1.9209	3.1157
z14	-4.0672	7.8442	8.9145
x15	0.0729	-1.6915	-3.6062
y15	8.1870	-2.0095	0.9356
z15	-2.0680	3.6497	6.1596
x16	-3.6589	-0.3112	-1.9492
y16	6.5436	0.0784	1.8652
z16	-0.0515	0.1980	3.7732
x17	-6.0666	-0.1046	-0.9689
y17	5.2010	0.4673	0.3775
z17	-2.2864	1.4628	4.0990
x18	-8.2203	-1.0674	-1.1560
y18	3.3377	1.1842	-0.3755
z18	-5.7951	2.8755	4.4029
x19	-4.4037	-0.0897	-2.3442
y19	3.0163	1.5731	1.0403
z19	-6.5143	1.7792	3.6813
x20	-2.5305	0.2950	-2.4943
y20	2.7267	-0.0094	1.4171
z20	-2.6622	0.3189	3.6597
x21	-4.7719	-0.7519	-1.8107
y21	1.6113	-0.9184	0.2626
z21	-2.7697	0.2715	3.4192
x22	-4.5901	-1.2228	-0.7564

y22	4.4872	-1.1066	0.4368
z22	-2.7005	-0.5518	3.4594
x23	1.3519	-0.0957	-0.8053
y23	6.4781	-2.3335	0.3320
z23	0.5358	-1.0521	3.3126
x24	-0.4393	0.5167	-1.3501
y24	6.4740	-2.0052	-0.3215
z24	1.7163	-1.3694	2.4529
x25	0.9274	1.2174	-1.4655
y25	5.1705	-0.9535	-0.5159
z25	3.3018	-2.2793	1.1227
x26	0.1098	1.8578	-0.8473
y26	3.6078	0.3953	-0.0531
z26	3.3750	-2.8195	-0.1321
x27	-0.9816	2.0687	-0.8559
y27	3.1357	2.4495	0.2561
z27	4.6069	-2.5392	-1.2522
x28	0.5482	1.9957	-0.9737
y28	4.3059	4.8204	1.5044
z28	6.7006	-2.6096	-2.3819
x29	1.0970	0.5740	-1.4066
y29	1.5334	4.3690	2.4769
z29	7.4740	-1.9546	-2.0511
x30	0.2305	-0.0893	-1.6265
y30	0.5579	4.4892	2.1034
z30	5.8848	-1.5303	-1.8257
x31	-1.7997	-0.6872	-0.9431
y31	1.4530	6.6641	0.9767

z31	6.4800	-1.0262	-2.1598
x32	-2.7948	0.2104	1.3533
y32	1.9855	4.4343	0.0938
z32	7.5769	0.1933	-1.9222
x33	-5.8527	1.4498	3.8833
y33	2.9655	4.8549	0.8404
z33	8.8073	0.3102	-2.5512
x34	-3.3716	-0.3587	3.1541
y34	3.3462	3.2181	-0.0981
z34	5.9861	-1.8317	-3.5092
x35	-5.0239	-0.7458	0.9795
y35	1.3251	2.8435	-0.0847
z35	2.6382	-2.4245	-3.9975
x36	-0.1539	3.4339	-6.3386
y36	-4.2043	-0.8003	-5.0290
z36	8.8574	-1.3150	-4.5547
x37	-4.0194	2.7268	-3.0475
y37	-1.6301	2.9383	-2.6662
z37	7.9675	-0.7012	0.5128
x38	0.9312	2.8685	-3.9980
y38	-1.0968	-2.0388	0.0243
z38	7.8598	-2.2069	-2.0248
x39	1.9279	0.7897	-4.6739
y39	4.0016	-3.2140	-0.0496
z39	4.9136	0.6655	-2.5182
x40	3.9403	-2.8708	-4.2342
y40	3.2648	-3.5341	1.4263
z40	1.2149	1.5924	-2.7859

x41	5.1458	-3.4474	-3.1743
y41	-3.0216	-3.6320	1.1887
z41	-0.0912	0.8139	-3.6374
x42	5.4627	-3.8895	-2.6168
y42	-5.5467	-3.8905	-0.7233
z42	0.7818	1.9829	2.1364
x43	5.1451	-1.6469	-3.6995
y43	-9.8962	-2.8744	-3.5586
z43	5.0405	-1.4748	4.6996
x44	1.8816	0.1568	-5.1835
y44	-0.9611	1.1800	-2.1486
z44	2.0849	1.0856	2.8429
x45	-1.7023	0.5825	-5.0985
y45	7.6671	3.3520	3.4203
z45	-5.8944	-1.0192	0.3648
x46	-1.4264	1.4277	-4.8628
y46	1.6973	2.2778	0.6260
z46	-2.3765	0.1196	3.6912
x47	-1.8387	1.2793	-2.9901
y47	2.7364	1.1630	0.6518
z47	1.9737	-0.9119	0.5445
x48	1.5283	-1.2561	-2.4614
y48	2.5974	0.4068	1.0828
z48	-2.8162	1.7086	-0.3567
x49	-0.5160	0.0010	-0.4686
y49	0.5635	0.5432	-0.5138
z49	-3.4187	1.7645	-0.0325
x50	-0.1403	-0.4904	0.1918

y50	-3.4258	1.7987	-0.6115
z50	-2.1611	1.3231	0.2684
x51	0.7626	-0.8131	0.4812
y51	-5.2581	1.7511	-0.2244
z51	0.3799	0.4333	-0.1776
x52	0.4773	-0.9969	0.2080
y52	-4.9494	1.7302	0.5884
z52	3.6633	-0.7622	-0.1171
x53	-0.2145	-0.3181	-0.3551
y53	-2.4697	1.8869	0.2530
z53	6.1168	-0.9879	-0.2799
x54	-1.9720	0.7643	-0.8690
y54	-1.2407	1.1339	0.6577
z54	3.3881	-0.6422	-0.9187
x55	-2.7291	-0.5728	-1.1684
y55	3.6341	0.3222	1.3934
z55	4.2250	0.7154	-2.1518
x56	4.9165	6.3409	3.6293
y56	2.4404	1.1223	-2.8858
z56	-3.9529	-0.6935	-2.2661
x57	-0.0122	-0.8058	-0.4930
y57	1.3076	3.7132	-3.4301
z57	-0.3276	-3.9672	-1.7652
x58	1.7668	-2.5536	2.5103
y58	1.8091	2.6626	-2.7459
z58	-2.7318	-2.0076	-3.2979
x59	1.8305	1.5510	3.2726
y59	1.5000	1.5769	-2.4760

z59	-3.1903	0.6091	-2.6200
x60	3.6680	3.6165	3.4934
y60	0.2460	1.8556	-2.3551
z60	0.9922	-0.8971	-0.9517
x61	5.3013	3.6608	1.8583
y61	0.4074	1.6523	-1.9968
z61	1.0993	-1.5792	-0.6809
x62	-0.4275	0.2213	-2.5100
y62	0.6117	1.4730	-1.8469
z62	0.7590	2.0524	1.1406
x63	-4.4892	-0.5324	-3.5344
y63	0.3515	1.8984	-1.4425
z63	1.5576	1.8132	1.0319
x64	-3.5579	0.7946	-0.1866
y64	-0.6841	1.3956	-2.2262
z64	1.2828	-0.4495	2.0421
x65	-2.3218	0.8335	-0.9953
y65	0.3258	1.0667	-2.1320
z65	7.0322	-1.6122	4.0213
x66	0.6144	0.7131	-0.6967
y66	1.5366	0.8614	-2.3509
z66	-0.7872	0.9344	0.5224
x67	-3.6287	-1.3062	-4.8913
y67	3.0468	1.2505	-1.8064
z67	0.3557	1.9555	2.2485
x68	-0.9362	-0.8024	-3.2998
y68	3.6990	1.0470	-1.8847
z68	0.2475	0.7465	0.8085

x69	0.0813	-0.4956	-2.0442
y69	4.9029	0.9183	-1.8198
z69	-0.5816	-0.1243	-0.0735
x70	0.2244	-1.0434	-0.7789
y70	6.5330	0.9390	-1.5957
z70	-0.6684	0.3857	-0.5818
x71	0.6504	-1.3317	-0.1100
y71	7.5979	1.0268	-1.0823
z71	1.2058	-0.1029	-0.6184
x72	-1.0303	-1.0654	-0.2629
y72	8.7559	0.9256	-0.3602
z72	2.7263	-1.4394	0.0926
x73	-1.6757	-0.4827	-1.1199
y73	10.0937	0.4186	0.5685
z73	1.3891	-2.2012	-0.0272
x74	4.7996	-5.4578	0.0931
y74	10.2504	0.5997	0.6955
z74	-3.8952	0.8326	-2.4121
x75	6.5413	0.8526	-6.8348
y75	-3.3934	1.5192	-0.3724
z75	-5.3322	0.6593	0.4960
x76	4.0890	0.5431	-6.3253
y76	3.0375	0.5953	1.3282
z76	-6.6491	1.4738	-1.5550
x77	3.0178	0.5913	-5.1844
y77	4.6462	-0.7363	1.7409
z77	-2.5445	0.7655	-1.0897
x78	0.9114	0.9516	-4.6864

y78	4.7450	-0.8027	2.3064
z78	-2.3416	0.5355	-0.8747
x79	0.3517	1.0775	-4.4880
y79	2.1638	-0.6917	2.1325
z79	-0.4251	1.7144	-0.3398
x80	0.3754	0.8498	-4.9969
y80	-1.8327	0.8439	1.2512
z80	0.3747	0.7240	-0.0378
x81	-0.1621	0.7070	-5.1844
y81	-3.0391	0.1371	1.2500
z81	-2.1933	-1.1081	-0.0320
x82	-0.2019	0.7425	-4.6793
y82	-6.0268	-2.8106	2.1698
z82	-0.4668	-1.6358	-0.3425
x83	0.5442	1.3062	-5.0234
y83	-2.1659	-2.3340	1.5830
z83	3.0592	-0.7473	-2.5638
x84	0.6903	0.5827	-5.8927
y84	0.2448	-1.2521	-2.3625
z84	4.0618	0.4217	-3.4142
x85	-0.2001	0.9348	-4.6530
y85	-0.9502	-1.3486	-2.0919
z85	5.8800	1.8583	2.2908
x86	-2.6805	0.4663	-3.5186
y86	-3.8324	-0.0490	1.2871
z86	3.8481	0.8585	1.2982
x87	-4.3890	-0.5382	-3.8544
y87	-5.6253	-0.0432	0.3704

z87	2.1919	-0.4959	-0.2544
x88	-5.1908	-0.7445	-3.6510
y88	-4.6257	0.6777	1.1570
z88	1.0949	-0.8866	-0.0923
x89	-5.9506	-0.8377	-3.7698
y89	-4.1667	0.3022	0.8599
z89	-0.4709	-0.4038	0.1176
x90	-5.9633	-0.8119	-4.1463
y90	-1.8552	0.6273	0.9280
z90	-1.5849	-1.3337	0.9842
x91	-5.4634	-0.3343	-5.0221
y91	-0.1030	-0.1603	0.6998
z91	-0.8386	-1.0579	1.4272
x92	-5.1192	-0.0311	-5.8955
y92	0.4194	0.1600	1.1086
z92	1.1728	-0.4785	1.5772
x93	-5.4314	0.1116	-7.1279
y93	0.7667	-0.1324	-2.4721
z93	1.5569	0.4757	3.7485
x94	-1.1679	0.6852	0.0506
y94	-5.4363	0.7835	-0.4209
z94	3.3216	-2.5331	0.4748
x95	-2.7447	1.8441	0.4171
y95	3.8282	-1.8359	-1.4905
z95	2.0694	-0.9680	-1.1694
x96	-3.1305	2.0987	-0.7825
y96	1.7049	-0.6570	-1.4436
z96	0.3321	-0.8179	-1.7821

x97	-3.7882	2.1796	-1.2870
y97	-0.6174	-0.5201	-2.8086
z97	0.2611	-0.0775	-1.8663
x98	-3.7932	2.2833	-1.5915
y98	-1.1028	-1.0814	-3.0579
z98	1.7501	0.3977	0.4745
x99	-2.8760	2.3176	-1.6274
y99	2.1479	-2.5192	-3.5024
z99	1.5023	0.1926	2.9032
x100	-1.5106	2.1658	-0.9313
y100	4.4553	-1.6651	-0.4656
z100	0.8948	2.0210	5.3880
x101	0.7784	1.5132	-0.2396
y101	6.7340	-0.4852	0.8837
z101	-0.7420	2.5584	3.9027
x102	2.6659	0.0484	-0.3511
y102	2.5088	0.6252	0.1033
z102	-4.1485	1.8871	1.3086
x103	6.2217	-3.2094	-0.8144
y103	7.9521	-1.8872	-3.5502
z103	-1.5397	0.9474	1.4310
x104	-3.4945	0.4269	2.9374
y104	1.6909	-3.1988	-1.0466
z104	1.9870	-0.4292	1.1786
x105	-1.0430	-0.0825	1.5024
y105	1.9406	-2.8773	-0.5200
z105	1.9056	0.3899	-0.9248
x106	-1.2522	0.2979	3.0090

y106	2.1229	-2.4435	-0.5344
z106	0.6027	-0.2364	-1.5277
x107	-1.0947	0.8281	3.4198
y107	2.2252	-2.0561	-0.5679
z107	0.8923	-0.5055	-0.4703
x108	-1.7227	1.8011	4.3191
y108	1.9504	-1.7488	-0.5967
z108	1.6822	-0.7152	0.3863
x109	-2.0069	2.4654	4.0709
y109	1.8376	-1.3682	-0.2999
z109	2.1657	-0.8968	0.5751
x110	-0.8743	2.4856	2.8822
y110	1.6917	-0.9157	0.1351
z110	2.0876	-0.0995	1.0644
x111	-0.8027	2.0025	1.9488
y111	1.5481	-0.5165	0.3729
z111	-0.0491	1.3970	1.6411
x112	-1.2374	1.3250	1.2786
y112	1.0771	-0.1602	0.6161
z112	-1.8151	1.9955	1.7050
x113	-3.1418	0.5725	0.2502
y113	0.3608	-0.0106	0.4158
z113	-0.9721	1.5938	1.3022
x114	-0.1942	4.2631	1.8149
y114	-3.0057	-2.7215	4.1851
z114	0.7525	-0.3560	-0.7130
x115	-0.4653	3.1085	0.8356
y115	-2.7974	-1.6450	0.7645

z115	2.8142	-0.3348	-2.5419
x116	-1.6668	2.9276	0.7818
y116	-3.1718	-1.8698	1.0505
z116	3.6157	0.1526	-2.4379
x117	-2.8687	2.7223	0.9699
y117	-4.7465	-2.3218	2.2490
z117	3.6590	0.7574	-1.9709
x118	-3.5440	1.8524	0.9137
y118	-5.8403	-3.1177	2.5825
z118	2.0156	0.2578	-0.5808
x119	-3.7191	1.1279	0.8064
y119	-5.7070	-2.2678	3.1148
z119	0.8669	-0.9727	0.3757
x120	-3.6135	0.9845	0.2302
y120	-4.4254	-1.4011	2.4645
z120	0.9523	-1.1605	2.1754
x121	-3.6529	1.0381	-1.0865
y121	-4.1913	-0.5293	1.6790
z121	1.0607	-1.4584	3.0716
x122	-3.6858	1.0320	-2.7269
y122	-3.1502	0.0905	1.2512
z122	-1.5630	-1.0215	2.2374
x123	-1.8084	0.0187	-3.2674
y123	-1.0860	-3.9182	3.3435
z123	-0.5298	0.1404	-1.2668
x124	7.9577	-8.0141	5.9762
y124	9.8444	-9.9540	1.0275
z124	-14.0270	5.5070	-2.2590

x125	-3.0891	2.6522	1.9924
y125	6.6343	-10.6713	-0.0248
z125	-1.8199	-0.6741	-1.3415
x126	-5.1005	2.9672	1.5521
y126	3.9009	1.7240	-0.2062
z126	0.8027	-8.3389	-0.8045
x127	-1.4087	3.5174	4.6460
y127	8.0922	-2.5419	0.6557
z127	-6.5543	-8.0936	0.1885
x128	1.9887	4.6971	7.5676
y128	-0.1259	-2.6156	0.2566
z128	-1.5707	-9.3940	-3.4845
x129	-10.8880	9.2788	7.4866
y129	-4.8511	-0.0741	-0.3226
z129	7.0401	-7.3595	-4.3649
x130	-19.6711	5.0444	1.8686
y130	-1.6664	1.7490	1.6480
z130	8.8031	-8.9534	-4.0363
x131	-11.0836	-0.4655	-2.5132
y131	-1.1639	1.2521	1.4783
z131	2.5674	-6.3554	-2.5788
x132	-5.4674	0.3957	-0.7866
y132	0.6413	3.8251	-0.2929
z132	-1.1864	-1.5106	-5.1483
x133	-3.7423	2.2889	-0.3972
y133	-4.7495	5.0070	0.4041
z133	2.3740	-0.8495	-5.6840
x134	-2.8791	1.0798	1.2999

y134	-7.3652	3.2951	2.4326
z134	1.6418	-0.6720	-4.1109
x135	0.6452	0.3793	-0.1204
y135	-4.6061	1.6811	1.9361
z135	0.9672	0.2804	-4.8798
x136	0.7341	-0.5500	-1.2536
y136	-4.4972	0.9410	-0.3364
z136	3.2130	0.1089	-3.3064
x137	-0.8075	0.5105	-0.2678
y137	-7.4255	1.8046	-0.0093
z137	4.3967	-1.0210	-3.7177
x138	0.9767	1.4443	0.5626
y138	-8.4170	3.0142	2.9911
z138	1.4668	-2.2997	-5.3613
x139	2.4614	-0.3313	-1.2320
y139	-5.7200	2.8211	2.8184
z139	-0.8980	-2.2310	-3.6533
x140	0.4118	-0.8137	-1.3297
y140	-5.7477	2.0797	1.6623
z140	-1.6051	-2.4914	-2.3918
x141	-0.5469	-0.4586	-0.9753
y141	-7.9955	2.4003	1.1128
z141	-2.5875	-3.9286	-1.3135
x142	0.9061	-0.5732	-0.6186
y142	-2.7275	1.9414	0.3467
z142	-2.8000	-4.5957	-0.8992
x143	1.3078	-0.4694	0.3715
y143	-2.0171	1.6898	-1.8494

z143	-0.2501	-4.7528	0.5460
x144	-0.9093	-0.4955	-0.4933
y144	2.3139	1.7871	-1.2748
z144	-4.0082	-4.3331	-1.7145
x145	-0.5120	-1.5004	0.0787
y145	0.1070	2.1544	-3.3762
z145	-2.5376	-3.6844	2.2155
x146	0.2363	-1.3623	2.0482
y146	-1.2457	1.0075	-5.0871
z146	-1.7311	-2.9497	2.7106
x147	0.8569	-1.2278	2.1029
y147	-1.4968	1.7918	-3.8788
z147	-2.7773	-2.1288	2.9160
x148	1.3713	0.2821	3.5782
y148	-0.8111	1.7102	-3.5770
z148	-3.6979	-0.8424	2.4197
x149	1.4440	1.7104	3.5859
y149	-1.4483	1.4277	-3.2419
z149	-5.0562	-0.0296	2.2274
x150	2.1308	1.6083	4.8173
y150	1.0552	-0.0633	-1.5123
z150	-8.0529	0.5362	0.0223
x151	2.1895	1.2752	3.4327
y151	-1.1352	-0.3909	-2.0256
z151	-9.7197	1.1271	-3.1585
x152	1.6781	1.0757	4.1633
y152	-1.8725	-0.1213	-2.4772
z152	-5.0723	0.0835	0.1062

x153	0.7164	1.3797	4.3538
y153	1.6856	1.2806	2.1066
z153	-4.3708	-0.1193	1.0177
x154	-1.0063	1.1677	3.2090
y154	1.4642	0.0099	1.1821
z154	-5.7147	-2.1245	-1.8832
x155	-0.9240	0.1604	1.4516
y155	1.7434	-0.8264	0.3098
z155	-1.2429	-1.3956	2.3667
x156	-2.3376	0.0339	0.1536
y156	2.7235	-1.1790	0.8660
z156	-0.8857	-1.7505	2.8500
x157	-1.6241	-0.0970	0.4401
y157	2.1460	-1.7054	1.4065
z157	-0.3396	-1.2961	4.2462
x158	-2.2333	-0.3857	-1.2148
y158	-1.7356	-1.1639	1.4412
z158	-1.4679	-1.9770	4.2670
x159	-1.1950	0.3931	-0.6361
y159	-3.1262	-1.7874	-2.0891
z159	-2.4896	-2.4296	2.7846
x160	-0.1019	0.8076	1.5260
y160	-1.1121	-1.2304	-0.8115
z160	-0.9744	-1.5128	4.1928
x161	-0.4947	0.6631	-0.1678
y161	-3.2730	-0.4146	-0.0524
z161	-3.9933	0.5782	2.9031
x162	0.3633	0.5899	-0.1746

y162	-1.1958	-1.0380	-0.6368
z162	-3.9063	1.7108	2.6482
x163	-0.0880	0.5835	-0.2967
y163	-1.0046	-1.4960	-1.6459
z163	-5.1509	2.3058	2.2131
x164	1.2363	1.1545	0.8509
y164	-2.2209	-0.2355	-1.8591
z164	-6.1132	3.2988	1.8270
x165	0.0968	1.5286	1.6145
y165	1.3988	-0.8501	-2.5388
z165	-3.9083	2.8623	1.0820
x166	-0.0086	1.5458	1.7177
y166	1.2944	-0.7701	-2.0361
z166	-4.2364	3.5146	1.3652
x167	1.2633	1.3801	2.2237
y167	0.2993	0.5426	-1.0207
z167	-3.7330	4.5534	1.6412
x168	0.4483	1.5566	1.9337
y168	1.2888	0.0291	-0.6797
z168	-2.2921	4.1146	2.2843
x169	0.1681	1.8399	1.4928
y169	0.8816	0.4165	-0.8388
z169	-3.4397	4.4597	3.7989
x170	2.8938	0.4142	1.3688
y170	-0.6757	1.9999	0.6532
z170	-2.4174	4.7760	5.6730
x171	3.2369	0.1865	0.5349
y171	-0.9621	2.0962	1.6825

z171	-2.9539	4.5609	5.1352
x172	5.2789	-0.7654	0.1073
y172	-0.0788	1.5591	2.1662
z172	-7.7081	4.8051	1.5273
x173	5.7709	-1.7242	-2.3070
y173	-1.5609	1.3612	0.6671
z173	-6.5189	4.5198	0.8088
x174	5.6870	-1.9290	-3.1620
y174	-1.3609	0.2267	-0.9795
z174	-6.2615	4.6084	-0.5237
x175	7.7495	-2.7266	-2.1889
y175	-1.8062	0.2877	-1.9638
z175	-7.9109	4.3892	-2.8413
x176	7.5496	-3.4480	-1.7653
y176	0.2646	-0.2405	-3.1696
z176	-11.1440	3.9248	-2.6009
x177	1.0408	-1.1527	0.0574
y177	2.9995	-2.1723	-4.8725
z177	-10.2768	3.2680	-1.3248
x178	3.1593	-4.3408	-0.4856
y178	-2.5437	-0.6983	-3.2324
z178	-1.8323	-0.3717	-4.1615
x179	1.9653	0.4653	2.3076
y179	-4.8189	2.5711	-2.4037
z179	0.5433	0.3658	-3.8366
x180	-3.9154	5.2964	4.4258
y180	-6.5644	5.5670	-0.8277
z180	5.5917	-2.9296	-2.6227

x181	-0.5761	1.6327	2.0058
y181	1.1987	1.5032	-2.9003
z181	1.8686	-3.6888	0.0765
x182	2.5856	-0.8835	2.2890
y182	4.9016	-1.1393	-4.2122
z182	4.3828	-6.0742	-2.0981
x183	2.7501	-1.4767	1.3216
y183	3.1967	-3.0991	-2.6272
z183	2.0777	-2.4202	-1.7049
x184	-2.1805	-2.2570	1.3195
y184	-6.7033	-2.3651	-1.4760
z184	-4.6333	0.6723	-0.6914
x185	-3.0101	-0.1375	3.3043
y185	-6.0940	-0.0702	0.9208
z185	-6.2088	-0.6696	1.9347
x186	-0.0949	0.9587	2.0791
y186	-5.9332	3.5134	3.7935
z186	-6.0994	0.6617	4.1082
x187	6.1914	-2.9663	1.1069
y187	-8.3568	4.8988	1.6175
z187	3.2444	-1.5850	-3.4931
x188	1.4414	-3.5571	3.0807
y188	-8.0757	6.6772	7.3112
z188	-0.3440	3.4998	2.4496
x189	-4.2641	1.9287	5.0705
y189	-9.3362	5.3012	8.7686
z189	-6.9630	-3.7270	0.7572
x190	-3.8346	4.4291	6.2754

y190	-2.2911	-0.1718	8.1000
z190	-7.4823	-0.2630	3.0770
x191	-2.3299	1.3701	0.1842
y191	0.0181	-0.3453	6.1793
z191	-4.3633	-3.9817	-2.1133
x192	-3.3814	0.5270	-3.5905
y192	-0.1468	-0.0688	3.5395
z192	-1.1420	-2.0065	0.5402
x193	-0.5332	0.6232	-2.1733
y193	1.8648	-1.1019	3.1552
z193	-1.8484	0.3572	1.5335
x194	0.5896	-0.8614	-1.3253
y194	-0.8309	0.3110	3.3972
z194	-1.8906	0.2145	0.8064
x195	-6.4378	-1.9490	1.5889
y195	-8.8670	2.4049	0.7213
z195	-1.3986	0.7713	-1.0460
x196	3.6878	-5.1920	4.2226
y196	1.7695	2.9516	-4.2528
z196	14.7393	-9.8331	-9.4136
x197	2.7274	1.5259	3.2485
y197	9.4522	-2.2918	-0.2582
z197	-5.3399	-6.7920	4.6313
x198	7.7418	2.0105	3.6333
y198	2.6259	-3.1722	-5.9005
z198	8.3111	0.3998	0.4062
x199	-4.1927	-0.5201	-1.2568
y199	0.7146	-3.9525	-4.4477

z199	5.3706	-0.0698	1.5789
x200	-1.2053	-2.4762	0.7231
y200	5.2094	0.2203	-2.7334
z200	3.7531	0.7513	-3.2390
x201	4.8371	1.4314	3.9034
y201	4.9764	1.5073	-4.0448
z201	6.5159	4.0410	-1.3756
x202	3.8835	2.7289	0.4860
y202	3.9674	0.7255	-2.8273
z202	6.7890	4.0478	-0.9339
x203	3.1579	0.0549	0.0142
y203	1.3417	0.8466	-3.2304
z203	9.9483	3.4800	-1.0797
x204	3.3964	-1.6722	-0.3354
y204	-0.9590	2.1592	-3.9517
z204	8.4976	1.6934	-0.1942
x205	3.9476	1.0057	-2.7296
y205	-2.8054	2.6095	-2.9965
z205	8.7683	-0.9220	1.7211
x206	2.2080	0.8954	-2.0314
y206	-1.9788	3.6477	-1.8702
z206	6.7871	-0.0405	1.6418
x207	1.7747	-0.4233	-0.6462
y207	-1.3466	2.5866	-1.3784
z207	0.9870	1.1325	1.1345
x208	2.1666	-0.3322	-0.1620
y208	-1.5858	2.2087	-1.6012
z208	-0.6057	0.9613	0.3740

x209	1.9003	0.9631	0.0688
y209	-1.2149	0.9701	-1.7613
z209	-3.1332	2.3392	-1.2532
x210	1.7930	1.2219	0.3863
y210	-0.6494	-0.6088	-1.7701
z210	-3.6457	3.0900	-1.5562
x211	1.5549	2.6162	1.3332
y211	-0.6918	-1.8810	-1.9063
z211	-2.4171	2.6399	-0.5799
x212	0.9192	3.9899	1.7520
y212	-0.7887	-2.4534	-1.2427
z212	-3.1350	1.7550	-2.3587
x213	0.7512	5.3239	1.6953
y213	-1.8310	-2.0623	-1.5730
z213	-1.8154	0.6667	-2.2651
x214	1.5935	5.9376	2.4771
y214	-2.1690	-1.1034	-1.9047
z214	-3.1010	-0.5501	-1.6066
x215	3.0120	6.3773	3.9537
y215	-0.7473	-0.1744	-1.2524
z215	-5.4718	-0.7653	-2.0281
x216	6.6190	5.7450	2.9460
y216	0.0265	1.4613	0.7593
z216	-0.4990	-1.3426	0.6593
x217	8.7809	5.2422	1.1171
y217	3.0569	2.8762	0.6134
z217	1.9139	-1.7676	-1.2935
x218	7.7667	4.0804	0.7844

y218	5.9990	2.8283	0.2244
z218	-0.6253	-0.1365	-0.3647
x219	5.4800	2.6829	-0.5182
y219	6.6428	2.3511	0.3067
z219	-3.8302	0.5770	-1.9265
x220	2.9817	1.4210	-1.2331
y220	5.5164	1.7760	-0.4445
z220	-5.5079	-0.6601	-2.8511
x221	1.1711	1.3211	-1.8078
y221	5.0697	0.9686	-0.7934
z221	-5.0904	-0.2394	-1.7766
x222	-0.0552	0.8344	-2.5709
y222	3.1188	0.8248	-1.3910
z222	-5.5814	0.7311	-0.7692
x223	-0.3121	0.4132	-2.4202
y223	1.5648	1.3812	-2.9892
z223	-4.9139	0.1414	-0.6235
x224	-1.3985	0.5866	-0.4462
y224	-0.6125	1.3062	-2.7231
z224	-4.1875	0.4365	0.4937
x225	-1.3105	0.6073	-0.0794
y225	-1.8159	-0.5935	-2.0330
z225	-4.8889	1.6547	-0.5977
x226	-1.2435	0.6225	0.2809
y226	-1.0543	-2.1748	-1.4123
z226	-4.1835	-0.0080	0.3308
x227	-2.2193	2.0528	-1.2436
y227	-1.2552	-2.7413	-2.2721

z227	-4.6967	-1.2357	-2.0077
x228	-1.4057	2.3569	-1.9791
y228	-0.6786	-2.9373	-2.4450
z228	-7.6130	-0.6150	-3.6886
x229	-2.0864	2.8532	-1.4132
y229	-0.0782	-2.2954	-1.5170
z229	-9.1273	0.3182	-3.6073
x230	-1.7973	2.3386	-1.4700
y230	0.3842	-1.9711	-0.4236
z230	-6.0534	-0.3589	-3.6600
x231	-1.6909	1.7334	-2.0584
y231	-0.3106	-0.6557	0.2275
z231	-4.5980	0.9559	-2.1314
x232	-0.7247	0.5450	-2.9002
y232	-0.7370	-0.3312	0.3623
z232	-4.2350	1.0707	-1.9423
x233	0.9303	0.0138	-3.6880
y233	-0.2646	-0.7941	-0.6805
z233	-5.1178	0.1342	-1.6841
x234	0.3659	0.8668	-2.4222
y234	-1.7033	0.4058	-0.9300
z234	-7.1911	0.7460	-0.9947
x235	0.6154	0.7278	-1.8186
y235	-3.1864	1.4387	-0.8356
z235	-7.0750	1.1585	-0.2755
x236	0.8285	0.2824	-1.3153
y236	-3.0327	1.5423	-0.8501
z236	-6.6802	1.3794	-0.2888

x237	0.4789	0.1197	-0.8091
y237	-2.8199	1.1758	-1.4338
z237	-6.1089	0.8002	-1.5105
x238	0.2461	-0.1530	-0.0436
y238	-3.1721	1.0338	-0.9050
z238	-4.4072	0.5174	-0.5171
x239	-0.5464	0.1866	0.3729
y239	-3.2671	1.0005	-0.2539
z239	-2.3595	0.2575	-0.5663
x240	-1.8222	0.4899	0.2968
y240	-2.8954	0.6707	0.1826
z240	0.9626	-1.0385	-0.6018
x241	-2.3099	0.7732	0.0790
y241	-3.8923	0.6256	-0.3058
z241	2.5232	-2.0994	-0.6026
x242	-0.5560	0.5962	-0.1875
y242	-5.5415	1.0507	-0.8853
z242	3.5131	-2.2018	0.4877
x243	-0.4655	-0.0003	-0.0401
y243	-4.5346	1.0415	-2.1922
z243	7.2817	-2.5678	-0.0244
x244	0.5027	0.1794	0.4731
y244	-4.4608	1.2331	-2.5216
z244	6.7748	-2.5364	0.4812
x245	1.4077	0.0547	0.4042
y245	-4.2030	1.3315	-2.7468
z245	7.0684	-2.0268	1.7128
x246	1.4584	-0.6042	0.3686

y246	-3.8617	1.3787	-3.2524
z246	6.7031	-1.3661	1.2934
x247	1.7703	-0.6180	1.1221
y247	-3.1780	1.0479	-2.9133
z247	5.3979	-1.0987	1.0362
x248	1.2508	-0.4326	1.4811
y248	-2.2263	0.6281	-2.5672
z248	5.8641	-0.8682	1.0543
x249	1.1478	0.0548	1.8911
y249	-1.1419	0.4039	-1.7554
z249	4.3294	-0.9946	0.8635
x250	-0.5481	1.2253	2.5653
y250	-0.1806	0.4735	-1.2712
z250	4.6513	-1.5904	0.3481
x251	-2.6018	0.8517	2.6752
y251	1.3271	-0.0930	-1.6962
z251	4.0186	-0.9037	0.8719
x252	-2.7446	0.1731	2.9307
y252	0.8390	-0.2256	-1.1860
z252	1.2195	-0.6365	-0.0906
x253	-3.1322	-0.0438	2.5948
y253	0.1429	0.0871	-0.2634
z253	-0.6587	-0.5861	-0.3316
x254	-4.7416	-0.0438	2.8056
y254	-0.5187	0.1890	0.4569
z254	-0.2744	-0.6463	0.1777
x255	-6.3986	0.2432	3.8848
y255	-1.2413	0.0412	0.5410

z255	0.0688	-0.7638	-0.1537
x256	-6.8579	0.2566	4.2009
y256	-2.8799	-0.1040	1.0421
z256	-0.3957	-0.1948	-0.0827
x257	-6.0764	-0.2971	3.6674
y257	-4.4407	-0.2671	1.2100
z257	-0.6405	-0.0156	0.0349
x258	-3.0151	-1.0946	1.3639
y258	-5.8017	-0.2003	2.2640
z258	-0.9645	-0.4854	-0.3926
x259	0.5170	-2.4231	-1.7545
y259	-5.4960	-0.2396	3.9634
z259	-2.2828	0.0042	0.6067
x260	2.9677	-2.4012	-3.1137
y260	-1.7344	-2.1755	4.9434
z260	1.4833	-0.3070	0.8848
x261	0.9672	-0.6353	-1.2813
y261	0.0184	-3.2277	5.0750
z261	4.7116	-0.6220	0.4347
x262	-0.2928	0.2281	-0.1719
y262	1.2442	-3.6710	4.4542
z262	3.0102	-0.3603	0.7236
x263	1.9401	-0.3044	-0.8744
y263	1.6071	-2.8728	4.0176
z263	3.7085	-0.7948	0.4545
x264	1.6890	0.8153	-1.2234
y264	2.1777	-2.2696	4.2377
z264	1.7639	-1.0594	-0.0337

x265	0.4681	1.9104	-0.9054
y265	2.0623	-1.5275	2.9051
z265	-0.5871	-0.5987	0.0177
x266	-2.4271	3.1055	-1.4202
y266	-2.3153	1.6305	2.2162
z266	-0.4097	0.2885	-0.6258
x267	-1.3735	2.9123	-2.5089
y267	-2.1380	2.7634	-0.1410
z267	2.7494	0.8600	-1.5165
x268	-5.6317	1.2482	0.9206
y268	0.1599	5.8813	-4.8673
z268	5.7095	0.7704	-4.5629
x269	3.6878	-5.1920	4.2226
y269	1.7695	2.9516	-4.2528
z269	14.7393	-9.8331	-9.4136
x270	8.3204	-1.4234	1.0975
y270	5.1560	-4.5138	0.9457
z270	11.7335	-3.8913	7.7619
x271	-1.4571	-1.2987	2.4855
y271	8.9781	-2.7845	-0.6191
z271	-3.5161	-0.7850	3.2223
x272	-1.4167	-2.1854	3.4184
y272	7.2236	-2.3453	-0.6384
z272	-1.6653	-0.5107	2.5549
x273	-2.9192	-1.8431	2.9314
y273	5.6612	-1.8363	0.3327
z273	-0.2317	0.1445	1.4624
x274	-0.6158	-1.5726	3.8866

y274	3.8223	-1.6886	1.0632
z274	-0.4729	1.2230	0.7262
x275	-0.7562	-1.2872	3.0892
y275	2.1158	-1.6500	1.9924
z275	-0.0897	1.5698	1.5116
x276	-0.5453	-1.6528	2.2832
y276	0.4321	-1.4181	2.5138
z276	-0.4953	1.3839	1.4127
x277	-0.8380	-1.6384	2.5376
y277	-0.8418	-1.1778	2.6538
z277	-0.5411	0.0849	1.2493
x278	-0.7618	-1.9399	2.1479
y278	-1.1021	-1.3183	2.5771
z278	-0.6197	-0.8811	1.1161
x279	-1.1863	-2.7224	1.5042
y279	1.2140	-3.9346	3.1431
z279	-1.2518	-0.8872	0.2799
x280	-1.2481	-3.0849	1.8697
y280	-0.4979	-3.0456	2.5867
z280	-3.2050	-0.0018	-0.2637
x281	-0.4804	-3.3010	2.1807
y281	-1.7105	-1.4366	1.0332
z281	-4.6501	0.2418	0.0414
x282	-0.8384	-3.4809	1.8518
y282	-0.5739	-0.5070	0.1513
z282	-4.5213	0.6410	0.2644
x283	-0.1945	-3.2214	1.6891
y283	0.9570	0.1511	-0.7953

z283	-3.8323	0.4649	-0.1355
x284	0.5555	-2.8951	1.6782
y284	2.2581	0.5377	-1.5959
z284	-1.5971	0.6570	-0.9065
x285	1.5499	-3.4234	1.2171
y285	2.3812	0.7007	-1.7490
z285	1.6288	1.1675	-1.6113
x286	2.7940	-3.4040	1.4099
y286	0.8309	0.8665	-1.3943
z286	3.6607	0.8937	-2.7793
x287	2.6128	-2.9356	1.4772
y287	-1.2957	0.7875	-0.5408
z287	4.7650	0.4720	-3.7549
x288	1.6333	-1.8886	1.9652
y288	-2.0108	1.0175	0.4731
z288	4.1808	0.6429	-4.1172
x289	2.9092	-0.7005	3.5976
y289	-2.2680	1.4275	0.8194
z289	2.2941	1.0851	-4.1740
x290	1.5214	-0.8685	3.1546
y290	-1.8713	0.4742	1.1166
z290	1.7395	1.9634	-2.9711
x291	2.2098	-0.4657	4.4062
y291	-0.1186	-0.4578	1.9625
z291	0.0839	2.5216	-3.0148
x292	3.2990	-0.2483	5.0095
y292	0.2667	-0.4063	2.1807
z292	-1.1416	2.7881	-2.6716

x293	2.1194	0.3773	4.4090
y293	0.0645	-0.1124	2.3173
z293	-1.5813	2.7411	-2.0596
x294	0.8992	0.5450	3.9728
y294	0.0852	0.1810	2.6434
z294	-1.9035	2.8249	-1.3644
x295	1.0345	0.6546	4.3153
y295	0.6278	0.1906	3.2598
z295	-2.1503	2.7159	-0.5617
x296	0.6815	0.6471	3.7503
y296	0.9386	-0.4737	3.3215
z296	-2.5785	2.7033	0.2159
x297	-0.4943	0.8679	4.0873
y297	1.9736	-0.3171	3.4508
z297	-3.1877	2.9054	1.5644
x298	-0.7744	0.3229	3.5025
y298	2.7518	0.2057	3.1108
z298	-4.3025	2.7130	2.7029
x299	-0.3328	0.0368	2.4835
y299	3.0596	0.1931	2.4184
z299	-4.2447	2.1555	2.9206
x300	-0.7517	0.6449	2.3248
y300	2.8623	0.7053	2.5109
z300	-3.6483	1.6031	3.0908
x301	-1.0129	0.8697	1.4257
y301	2.4653	1.3114	1.4805
z301	-2.9668	1.1273	3.4279
x302	-0.8317	0.5648	1.1525

y302	2.3455	1.6440	0.8458
z302	-2.2186	0.7130	3.4490
x303	-0.8671	0.2784	1.1183
y303	2.2893	1.1232	0.0722
z303	-1.5659	0.5369	3.2078
x304	-0.8599	0.3071	1.2513
y304	0.8794	0.9811	-0.2214
z304	-1.0358	0.5045	2.8642
x305	-0.7586	0.2053	0.8858
y305	0.1093	1.3325	-0.1601
z305	-0.6754	0.7046	2.6066
x306	-0.1176	-0.5534	0.8039
y306	0.3611	1.0552	-0.3628
z306	-1.2705	1.3091	1.8125
x307	0.6929	-0.7660	0.6521
y307	-0.2266	0.5927	-1.0907
z307	-1.1385	0.9153	1.6469
x308	1.3588	-0.6902	0.5033
y308	-1.3755	0.8866	-1.4224
z308	-0.6405	0.6167	1.5300
x309	1.4117	-0.5599	0.6258
y309	-1.1388	1.0015	-1.4908
z309	-0.6224	0.3757	1.4343
x310	2.6491	-0.7642	1.0945
y310	-2.4819	1.5585	-1.6079
z310	-1.3312	0.2167	1.3944
x311	2.9597	-0.7801	1.5143
y311	-2.0254	1.5304	-1.7858

z311	-2.1971	0.1651	1.3705
x312	1.3428	-0.4295	1.5501
y312	-0.3345	1.3102	-1.2484
z312	-3.2748	0.0387	1.3188
x313	1.9654	-0.7218	1.7073
y313	-0.3613	1.4016	-0.7852
z313	-4.9391	0.0506	1.4297
x314	0.8250	-1.2049	1.1498
y314	1.1783	1.2182	-0.3450
z314	-6.9325	-0.2903	1.3566
x315	0.5605	-1.6730	0.8711
y315	1.2899	0.8281	-0.2227
z315	-7.5285	-1.0175	0.9781
x316	-0.6463	-1.7581	0.7836
y316	0.2224	0.3445	-0.2206
z316	-5.2004	-1.7871	0.4595
x317	-2.7917	-1.8287	0.0132
y317	-0.7439	-0.1742	-0.2111
z317	-4.0268	-2.1402	0.0418
x318	-4.1894	-1.3177	-0.0535
y318	-2.3010	-0.4196	-0.1628
z318	-2.8915	-2.2641	-0.0162
x319	-4.3539	-0.9473	0.0638
y319	-3.6500	-0.5609	-0.0284
z319	-1.6134	-2.2690	0.2576
x320	-4.1190	-1.0061	-0.4203
y320	-4.5880	-1.0630	-0.5395
z320	-0.1580	-2.4487	0.3555

x321	-4.0184	-1.0694	0.0188
y321	-5.8596	-1.7290	-0.7079
z321	1.3351	-2.3663	0.8392
x322	-3.5989	-0.6827	0.1961
y322	-7.4511	-1.8596	-0.7582
z322	2.9741	-2.2225	1.6773
x323	-2.0523	-0.6274	-0.2460
y323	-7.5900	-2.9484	-1.9335
z323	4.2189	-1.4954	2.8959
x324	-0.6734	-0.5476	-0.0127
y324	-7.0294	-3.4464	-1.4515
z324	6.3083	-0.5902	4.8684
x325	0.6363	-0.2299	0.1625
y325	-6.3156	-3.7072	-2.3186
z325	4.6267	-0.2583	4.1947
x326	1.8096	0.4867	0.4564
y326	-5.0449	-4.3907	-1.7050
z326	3.0818	0.2193	3.9866
x327	1.5087	1.4492	0.4474
y327	-2.0053	-4.4254	-0.5548
z327	2.0170	0.7143	3.9500
x328	1.3585	1.8837	-0.0179
y328	-1.5332	-3.3991	0.5418
z328	0.7222	1.0555	3.5406
x329	1.0865	2.1624	-0.6801
y329	-1.4611	-2.5530	0.7798
z329	-0.8302	0.8146	2.6593
x330	1.8435	2.0327	-1.2072

y330	-2.5996	-1.5224	0.6402
z330	-1.8648	0.9566	2.0117
x331	2.1435	1.2925	-2.5878
y331	-1.6929	-0.8042	1.2426
z331	-1.9843	0.9692	2.0111
x332	2.5003	0.7977	-3.5774
y332	-0.7607	-0.2788	1.4200
z332	-1.9170	1.2821	2.1390
x333	3.5192	0.6153	-3.7590
y333	-0.7139	0.2250	0.6619
z333	-1.6879	1.5845	2.1098
x334	2.7277	0.6940	-4.0834
y334	-1.3006	0.9709	-0.1263
z334	-3.5485	3.3297	4.0771
x335	2.7931	-0.0191	-4.6429
y335	-0.5296	1.2403	-0.7562
z335	-5.5793	4.3798	4.7950
x336	0.6984	-0.1774	-4.1218
y336	-0.6200	1.2039	-1.3291
z336	-5.9477	4.6161	4.6054
x337	-0.8067	-0.1608	-2.5870
y337	-1.9939	1.1890	-1.4781
z337	-5.5127	4.4942	3.8964
x338	-1.0241	-0.3235	-1.9949
y338	-2.0903	0.9327	-1.3008
z338	-4.9650	4.1433	2.9369
x339	-0.6102	-0.3761	-2.0386
y339	-2.0833	0.4145	-1.8887

z339	-3.5955	3.6361	2.2110
x340	0.1086	-0.4802	-1.3348
y340	-1.0279	-0.1177	-1.6322
z340	-0.9007	2.9383	1.1904
x341	-0.3203	-0.8349	-1.5483
y341	-1.3442	-1.0019	-2.0255
z341	2.7118	1.8005	0.2048
x342	-0.0252	-0.7659	-1.1071
y342	-2.2951	-1.7394	-2.1441
z342	5.7479	-0.1344	-0.4188
x343	0.2687	-0.3749	-0.3525
y343	-3.3897	-1.4504	-2.1978
z343	5.3698	-0.9451	-1.1146
x344	0.5381	0.0640	0.6432
y344	-2.5783	-1.4033	-1.8183
z344	4.8832	-1.0840	-1.3512
x345	0.5431	0.5669	1.2944
y345	-1.9534	-1.2944	-1.2205
z345	4.3863	-0.9327	-1.2535
x346	0.8046	0.9590	1.7155
y346	-1.6292	-1.3285	-1.4822
z346	4.3858	-0.7091	-0.9828
x347	0.8054	1.5258	2.3210
y347	-0.5361	-1.5459	-1.5577
z347	4.9878	-0.6311	-0.8601
x348	0.9659	1.6118	2.3235
y348	0.2396	-1.0013	-1.0616
z348	6.1595	-0.5667	-0.6389

x349	-1.0979	1.6265	2.1800
y349	0.7195	-0.5674	-1.2849
z349	7.7845	-0.5881	-0.6268
x350	-2.0383	2.3898	3.5475
y350	0.3239	0.0710	-0.9096
z350	9.3140	-0.3299	-0.2704
x351	-1.9381	1.8339	3.1433
y351	0.0267	0.6146	-0.5202
z351	10.2081	0.2538	0.2646
x352	-2.1448	0.8593	2.8476
y352	-0.7976	0.6968	-0.1758
z352	10.1411	1.1897	2.1121
x353	-3.0444	0.6019	2.8350
y353	-1.0844	0.9374	0.2781
z353	9.0720	1.6556	2.8016
x354	-2.1692	0.4924	2.3812
y354	-1.4582	1.0150	0.3491
z354	7.9948	2.0202	3.0884
x355	-2.5624	-0.1501	1.7881
y355	-2.2386	0.6496	0.2619
z355	7.0194	2.2204	3.1443
x356	-2.5278	-0.2735	1.6314
y356	-2.7710	0.3430	0.3497
z356	6.2086	2.1787	2.7629
x357	-2.6867	-0.3847	1.8424
y357	-4.1215	0.0234	0.8954
z357	5.5946	1.9886	2.1142
x358	-1.8402	-0.6735	2.0931

y358	-4.6487	-0.5713	1.3587
z358	5.1317	1.6349	1.2611
x359	-1.1450	-0.6915	2.2503
y359	-5.1279	-0.9845	2.0096
z359	4.8834	0.9802	0.0900
x360	0.8651	-0.6399	1.3325
y360	-5.3396	-1.6650	2.0238
z360	5.4013	-0.4786	-2.2464
x361	1.7076	-0.1755	0.8902
y361	-5.4917	-1.7224	3.4746
z361	4.8875	-1.0739	-2.9220
x362	1.0596	0.6208	0.1150
y362	-5.1240	-1.6338	4.6599
z362	3.9839	-0.8468	-2.6762
x363	0.1130	1.4860	-0.7049
y363	-4.2864	-3.2848	4.6790
z363	3.7081	-2.9500	-1.9018
x364	0.6729	0.4091	-1.7059
y364	-5.1851	-1.9311	4.3994
z364	0.8243	-1.3115	-1.9972
x365	1.0678	0.4284	-3.8802
y365	-3.8990	-3.1694	3.6012
z365	-0.3982	-1.5458	-1.7276
x366	2.1483	0.6281	-7.5123
y366	-1.6371	-4.4789	1.1048
z366	-0.2602	-3.0083	-2.3120
x367	-0.1848	0.5156	-6.6469
y367	0.8176	-1.9295	-2.6101

z367	4.6299	-8.6482	-3.3480
x368	-3.5424	-4.8569	-2.0228
y368	4.2926	5.2810	-2.0666
z368	8.7740	-7.5917	-4.2860
x369	-3.2222	1.4014	2.4814
y369	3.9331	1.1372	-4.3015
z369	8.0210	-3.0654	-8.5887
x370	0.0790	-1.3568	-0.0479
y370	3.1418	3.0712	3.0328
z370	1.1881	4.6206	1.9762
x371	-3.6821	-0.3084	-1.7192
y371	4.0603	3.1943	3.7584
z371	-7.9674	0.5720	-0.2097
x372	-3.2403	-1.5596	-0.5842
y372	3.7415	3.4778	1.4084
z372	-3.6612	-0.2337	-0.1111
x373	-3.4622	-2.5763	1.0021
y373	0.9820	2.5515	-0.5320
z373	0.1438	0.4746	0.3396
x374	-2.8732	-3.0495	2.1284
y374	0.2951	0.6369	-1.2095
z374	2.2783	-0.4790	0.1310
x375	-1.7963	-2.8738	2.6008
y375	-0.1923	-0.1548	-1.1825
z375	2.4938	-0.8572	-0.4638
x376	0.0153	-2.5810	2.7839
y376	0.6376	-0.8221	-0.8456
z376	3.5276	-1.0539	-0.6791

x377	1.8520	-2.4054	2.5028
y377	0.1901	-0.6725	-1.0413
z377	2.5090	-1.0215	-1.7414
x378	3.4268	-2.5744	2.0230
y378	0.5393	-0.1540	-0.4916
z378	1.3209	-1.2882	-2.2152
x379	2.1846	-1.8059	0.6946
y379	-0.3487	0.4084	-0.2713
z379	2.3686	-1.1494	-2.5979
x380	1.2146	-1.3135	0.4215
y380	-2.1430	0.0038	-0.6148
z380	1.0497	-0.7411	-2.3489
x381	2.5016	-1.0381	1.1200
y381	-0.2167	-0.3024	-0.2332
z381	-1.2378	-0.8132	-4.1095
x382	4.5434	-0.3466	2.2821
y382	0.6999	-0.2623	0.7795
z382	0.2926	0.4903	-2.8158
x383	5.8724	0.2542	3.1530
y383	0.8964	-0.2532	1.3109
z383	-0.2725	0.8767	-2.2009
x384	5.7370	0.8539	3.6966
y384	2.0849	0.2766	2.0002
z384	-1.7082	1.3463	-2.2440
x385	4.9054	1.3413	3.2413
y385	3.4060	0.7184	3.4303
z385	-2.4810	2.0088	-2.6655
x386	4.2679	1.2412	3.1500

y386	3.4067	1.4384	4.0805
z386	-0.3203	1.9512	-0.6093
x387	1.7895	1.0348	1.4809
y387	3.4520	1.9482	5.1203
z387	0.1217	1.3930	-0.7494
x388	-0.3230	0.9708	0.7152
y388	1.7050	2.2545	3.5462
z388	1.4368	1.1881	-0.0174
x389	0.1439	0.3295	0.6428
y389	1.2918	1.8215	2.7779
z389	1.3707	1.2437	-0.6662
x390	1.1204	-0.2406	0.2062
y390	2.1715	1.1761	2.9034
z390	0.9241	1.2358	-1.2883
x391	1.8375	-0.4518	-0.3435
y391	3.4543	0.5460	2.7598
z391	2.4916	1.3422	-1.9884
x392	1.2671	-0.7702	-0.5974
y392	4.3969	-0.0339	2.2074
z392	3.8898	0.8945	-2.0277
x393	0.0124	-0.7975	-0.6944
y393	4.4441	-0.0962	1.7143
z393	4.1145	0.0975	-2.4705
x394	-1.0396	-0.5956	-0.6565
y394	3.6178	-0.0101	1.3428
z394	3.1534	-0.2767	-2.8771
x395	-1.2013	-0.5446	-0.5081
y395	2.2187	0.7267	1.0127

z395	2.0613	-0.2910	-2.7764
x396	-0.8567	-0.6530	-0.1488
y396	-0.4020	1.7864	0.8623
z396	0.0711	-0.3607	-3.6381
x397	2.7042	-1.2885	-0.2718
y397	-3.9891	2.7088	0.7851
z397	-2.2494	0.4216	-3.2541
x398	4.1111	-2.4946	-0.8149
y398	-3.0107	3.2332	0.6082
z398	-2.6110	0.2297	-3.5843
x399	3.7915	-3.5432	-0.9072
y399	-1.5128	2.9870	0.3642
z399	-4.7325	-0.4091	-3.8812
x400	3.4701	-4.5609	-0.8266
y400	-0.7335	2.4121	-0.3233
z400	-5.1644	0.1953	-2.8914
x401	2.9930	-5.1654	-0.3560
y401	0.0839	1.5266	-0.6081
z401	-5.1633	0.6808	-2.1710
x402	2.0725	-5.2525	0.0442
y402	0.3832	0.5568	-0.7837
z402	-3.8510	0.5804	-1.5545
x403	0.9993	-4.9246	0.2735
y403	0.3206	-0.4590	-0.6958
z403	-2.8085	0.5978	-0.6112
x404	0.0463	-4.1996	-0.0708
y404	0.1308	-1.3141	-0.6121
z404	-3.1333	1.0460	-0.5316

x405	-0.7150	-3.4045	-0.7958
y405	0.1127	-1.8034	-0.6657
z405	-3.4521	1.3879	-0.1461
x406	-0.9831	-2.9193	-1.5226
y406	-0.2855	-2.2090	-0.7268
z406	-2.9106	1.1792	0.6600
x407	0.0498	-2.4594	-3.0930
y407	0.0533	-2.7903	-2.0890
z407	-2.4193	1.4585	1.2489
x408	0.3424	-1.7301	-3.2315
y408	0.2578	-2.6796	-3.5096
z408	-1.3099	0.9258	2.3928
x409	0.7203	-0.7702	-2.0871
y409	0.1830	-1.9474	-4.2871
z409	-0.5357	0.5735	2.8860
x410	0.6571	-0.0142	-0.3552
y410	0.3239	-0.8421	-3.6939
z410	0.2049	0.2357	2.5071
x411	-0.1869	-0.0099	0.6445
y411	0.1199	0.3032	-1.6608
z411	0.3855	-0.0936	1.8971
x412	-0.8496	-0.3643	0.2646
y412	-0.7223	0.9316	0.3934
z412	0.8778	-0.1033	0.3718
x413	-0.9620	-0.8909	-0.8953
y413	-1.9352	1.0337	1.8851
z413	1.7335	-0.4301	-0.2547
x414	0.6173	-1.2962	-1.7950

y414	-2.6041	0.6003	2.6295
z414	3.2530	-0.3382	-1.2124
x415	1.4439	0.4605	-2.4159
y415	-0.5876	-2.0988	1.2351
z415	2.4764	-0.5078	-2.2727
x416	0.3598	1.1671	-2.9674
y416	0.2697	-0.8530	0.8787
z416	3.5173	-1.1407	-2.2840
x417	1.2986	-0.4602	-4.3402
y417	-0.3347	0.4783	0.6627
z417	2.8615	-1.3340	-1.6724
x418	2.9053	-1.5236	-4.8086
y418	-0.4791	0.9900	0.1006
z418	1.9159	-0.1034	0.4402
x419	4.1650	-1.6226	-4.5228
y419	0.9412	0.6731	-0.8272
z419	-0.7827	0.3678	0.0033
x420	4.4316	-0.8664	-3.4384
y420	3.4029	0.2122	-1.6025
z420	-1.2520	0.5408	0.3610
x421	4.0390	-0.4713	-2.3656
y421	5.0660	0.5294	-1.9099
z421	-2.3540	0.1091	0.5493
x422	3.7957	-0.3371	-1.3313
y422	5.8371	0.4600	-2.1991
z422	-1.8778	0.3054	1.4012
x423	2.9276	-0.6981	-0.9131
y423	6.9520	-0.1758	-2.4612

z423	-1.9786	0.5205	1.1996
x424	1.4259	-0.9200	-0.2096
y424	6.8326	-1.2995	-3.1891
z424	-1.3996	1.2003	1.4045
x425	-0.4146	-0.2967	0.7436
y425	5.2394	-1.1110	-3.4175
z425	-1.4746	1.3705	1.3764
x426	-1.1393	0.2288	1.2844
y426	5.4979	-2.1402	-3.8155
z426	-1.9988	1.8900	1.0677
x427	-0.4274	0.4745	1.7502
y427	5.7786	-2.4942	-3.8084
z427	-2.5705	1.5366	1.0984
x428	-0.4150	1.1372	2.2836
y428	5.6417	-2.3788	-3.1821
z428	-1.4662	0.9358	1.0618
x429	-1.2255	1.5946	2.5678
y429	4.4547	-1.7216	-1.5399
z429	-0.5302	0.8689	1.0600
x430	-2.0300	1.8196	2.6709
y430	3.8737	-1.4167	-1.1767
z430	-0.0994	0.8382	1.1794
x431	-2.3574	1.6223	1.9038
y431	2.7779	-0.6705	-0.6308
z431	0.4842	1.3197	1.1503
x432	-2.6922	1.0462	0.9265
y432	1.9029	-0.2584	-0.2433
z432	1.4312	0.8615	0.9117

x433	-3.9678	0.5737	-0.0049
y433	1.2320	-0.0249	-0.3013
z433	-0.2526	1.5839	1.5439
x434	-5.2321	0.2156	-0.1011
y434	-1.3119	0.4399	-1.2126
z434	-0.3196	1.4679	1.4582
x435	-4.8585	-0.4756	-0.1537
y435	-2.3559	0.8552	-1.5616
z435	-0.8494	1.3790	0.8113
x436	-3.5846	-1.3353	-0.0144
y436	-2.4685	0.9528	-1.3251
z436	-0.4130	1.1945	0.1742
x437	-2.0558	-2.0411	0.2824
y437	-2.2683	0.6468	-0.7739
z437	-1.1088	1.3673	-0.2848
x438	-0.4629	-2.4548	0.5115
y438	-1.3778	0.1006	-0.6638
z438	-1.8341	1.8119	-0.3268
x439	0.0539	-2.2701	1.3253
y439	0.2579	-1.0157	-0.1949
z439	-2.2233	1.1199	-0.9078
x440	-0.0662	-1.7707	1.1373
y440	2.3285	-2.1265	-0.1013
z440	-2.2419	0.9215	-0.7587
x441	-1.0128	-1.4724	1.3881
y441	3.2482	-2.3511	0.0542
z441	-2.5045	0.7015	-0.6630
x442	-3.3358	-0.7606	0.9846

y442	0.0060	-2.4310	1.9711
z442	-2.1832	0.0174	-1.2263
x443	-1.8128	-0.2616	-0.5501
y443	-1.1117	-3.2649	3.5609
z443	-0.4346	-0.5296	-1.8613
x444	-2.1355	1.1728	-1.6866
y444	-1.0461	-3.3224	4.5926
z444	0.4824	-0.8949	-2.4291
x445	-2.1975	1.6293	-2.7166
y445	-1.8618	-3.2329	5.5938
z445	0.2926	-0.9963	-2.3345
x446	0.1559	0.5745	-5.5368
y446	-4.1842	-2.4120	7.1082
z446	0.2990	-1.1557	-3.1157
x447	4.3946	-0.1812	-7.8935
y447	-2.1851	-1.5114	6.4814
z447	-0.8756	-1.7765	-3.2062
x448	7.2498	-0.3568	-8.1291
y448	4.4171	-0.9775	3.6932
z448	-2.1196	-3.7171	-2.8019
x449	4.7336	-0.8883	-8.0776
y449	7.0152	-2.0312	2.2699
z449	-0.6954	-2.4085	-1.5844
x450	7.7605	-1.9735	-4.8098
y450	9.9402	-2.7157	1.8134
z450	3.3538	-4.4450	0.1594
x451	5.2703	-5.8103	3.5074
y451	1.6270	3.0072	-4.1884

z451	11.5608	-8.5913	-7.9772
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New Procrustes fit:

Dataset 'RawData_All'

717 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.02972322	0.00034455	0.01539411
2	0.02705447	-0.01702409	0.00525495
3	0.02747346	-0.01709808	0.00586181
4	0.02778257	-0.01700494	0.00657720
5	0.02800736	-0.01678288	0.00730888
6	0.02822713	-0.01648977	0.00801719
7	0.02844055	-0.01613604	0.00872494
8	0.02866153	-0.01567444	0.00943821
9	0.02885041	-0.01511679	0.01015048
10	0.02906032	-0.01448749	0.01088283
11	0.02926596	-0.01380280	0.01164255
12	0.02939194	-0.01299701	0.01234886
13	0.02948240	-0.01217380	0.01298383
14	0.02952849	-0.01133499	0.01354115
15	0.02955475	-0.01045729	0.01401195
16	0.02950660	-0.00956368	0.01440569
17	0.02943254	-0.00862575	0.01470874
18	0.02929900	-0.00764236	0.01492813
19	0.02909503	-0.00664145	0.01501515
20	0.02884288	-0.00562687	0.01504655
21	0.02840902	-0.00424555	0.01494999
22	0.02795385	-0.00302078	0.01468467

23	0.02744735	-0.00190314	0.01424339
24	0.02682911	-0.00100344	0.01355587
25	0.02609498	-0.00036289	0.01266232
26	0.02527489	0.00015463	0.01156732
27	0.02440768	0.00057652	0.01023786
28	0.02342126	0.00083291	0.00869594
29	0.02233021	0.00073835	0.00699630
30	0.02177950	0.00022135	0.00562717
31	0.02137717	-0.00078858	0.00447333
32	0.02119185	-0.00202178	0.00362499
33	0.02115487	-0.00330068	0.00294504
34	0.02125295	-0.00466429	0.00238001
35	0.02147795	-0.00614392	0.00189923
36	0.02185322	-0.00777982	0.00151114
37	0.02238389	-0.00960506	0.00120766
38	0.02305913	-0.01142307	0.00144020
39	0.02342013	-0.01207992	0.00188673
40	0.02381099	-0.01269899	0.00243759
41	0.02422204	-0.01330901	0.00297605
42	0.02463908	-0.01392242	0.00344450
43	0.02507642	-0.01455913	0.00382269
44	0.02556433	-0.01523460	0.00411537
45	0.02611256	-0.01593527	0.00436971
46	0.02666048	-0.01657913	0.00473231
47	0.02757712	-0.02120625	0.00348279
48	0.02782001	-0.02105202	0.00398710
49	0.02805685	-0.02085742	0.00452755
50	0.02829153	-0.02062179	0.00512570

51	0.02852462	-0.02033173	0.00574804
52	0.02875222	-0.01998672	0.00639769
53	0.02898554	-0.01959601	0.00709209
54	0.02920965	-0.01916817	0.00781362
55	0.02945301	-0.01868515	0.00857564
56	0.02967566	-0.01821171	0.00941506
57	0.02986957	-0.01767209	0.01016797
58	0.03005465	-0.01710986	0.01089546
59	0.03022965	-0.01652103	0.01159006
60	0.03037101	-0.01591051	0.01226229
61	0.03047306	-0.01526027	0.01285586
62	0.03057906	-0.01462644	0.01348765
63	0.03064512	-0.01393538	0.01402315
64	0.03070093	-0.01322812	0.01454639
65	0.03072879	-0.01251774	0.01506852
66	0.03073950	-0.01180331	0.01549469
67	0.03071746	-0.01107158	0.01587200
68	0.03066116	-0.01032927	0.01617340
69	0.03058165	-0.00958671	0.01646600
70	0.03046351	-0.00883411	0.01666021
71	0.03033405	-0.00806738	0.01683941
72	0.03016639	-0.00728662	0.01696785
73	0.02998821	-0.00648132	0.01703384
74	0.02977534	-0.00566955	0.01704959
75	0.02958311	-0.00496730	0.01704445
76	0.02937669	-0.00422799	0.01700296
77	0.02911243	-0.00346306	0.01692235
78	0.02880410	-0.00267736	0.01676644

79	0.02847455	-0.00186775	0.01655930
80	0.02809838	-0.00103072	0.01631282
81	0.02766826	-0.00015590	0.01606882
82	0.02720443	0.00076651	0.01579487
83	0.02670315	0.00170231	0.01546976
84	0.03378181	0.01074605	0.00504811
85	0.03439705	0.01064457	0.00518851
86	0.03496102	0.01049153	0.00546773
87	0.03540999	0.01031485	0.00584832
88	0.03578678	0.01013360	0.00624967
89	0.03608034	0.00994773	0.00666598
90	0.03634265	0.00974076	0.00711457
91	0.03650265	0.00951707	0.00764471
92	0.03671021	0.00926604	0.00817194
93	0.03683099	0.00900064	0.00874856
94	0.03691305	0.00868074	0.00933976
95	0.03693792	0.00835787	0.00990832
96	0.03689181	0.00802694	0.01046810
97	0.03678342	0.00768505	0.01101075
98	0.03661509	0.00732633	0.01153230
99	0.03637478	0.00695574	0.01203971
100	0.03606066	0.00657797	0.01253009
101	0.03566143	0.00619893	0.01299928
102	0.03517932	0.00582549	0.01344068
103	0.03452107	0.00534011	0.01379936
104	0.03379469	0.00494884	0.01402940
105	0.03307180	0.00459821	0.01418266
106	0.03231755	0.00431990	0.01423117

107	0.03158418	0.00404545	0.01419718
108	0.03081495	0.00381564	0.01406564
109	0.03001105	0.00363778	0.01384649
110	0.02920598	0.00357021	0.01350421
111	0.02838828	0.00356680	0.01306002
112	0.02699079	0.00371608	0.01163477
113	0.02596038	0.00417491	0.01028459
114	0.02518447	0.00460263	0.00907614
115	0.02474553	0.00514861	0.00801982
116	0.02456151	0.00572062	0.00713542
117	0.02457934	0.00626670	0.00627340
118	0.02490271	0.00694870	0.00551488
119	0.02564026	0.00778738	0.00499408
120	0.02666195	0.00860821	0.00486351
121	0.02733385	0.00917674	0.00507897
122	0.02804233	0.00965674	0.00536438
123	0.02878467	0.01004131	0.00560045
124	0.02954523	0.01035286	0.00571634
125	0.03032808	0.01058940	0.00572152
126	0.03114299	0.01075810	0.00557555
127	0.03200194	0.01085537	0.00536799
128	0.03289612	0.01086462	0.00515598
129	0.03529260	0.01366142	0.00256987
130	0.03578206	0.01335580	0.00285869
131	0.03622842	0.01307007	0.00317358
132	0.03666547	0.01275996	0.00351756
133	0.03709447	0.01249864	0.00388041
134	0.03747602	0.01224693	0.00426451

135	0.03780560	0.01196366	0.00465607
136	0.03810497	0.01168103	0.00509349
137	0.03839322	0.01142726	0.00555152
138	0.03863838	0.01116660	0.00602881
139	0.03888601	0.01085447	0.00671027
140	0.03909226	0.01052399	0.00738017
141	0.03922790	0.01017137	0.00804524
142	0.03932464	0.00982645	0.00869975
143	0.03935855	0.00946825	0.00931624
144	0.03934712	0.00909619	0.00995115
145	0.03930464	0.00871579	0.01061177
146	0.03919563	0.00833860	0.01124223
147	0.03906227	0.00795608	0.01186021
148	0.03885308	0.00759029	0.01241352
149	0.03860694	0.00721762	0.01294731
150	0.03829681	0.00685440	0.01344628
151	0.03794860	0.00648265	0.01394051
152	0.03753814	0.00611874	0.01437855
153	0.03706715	0.00575804	0.01480601
154	0.03654687	0.00539054	0.01521306
155	0.03596102	0.00500782	0.01558274
156	0.03539571	0.00466280	0.01588539
157	0.03456021	0.00430757	0.01616478
158	0.03366759	0.00395158	0.01633603
159	0.03275860	0.00359696	0.01643257
160	0.03182795	0.00324994	0.01642233
161	0.03087790	0.00292118	0.01637036
162	0.02991004	0.00258959	0.01624926

163	0.02889692	0.00226363	0.01600033
164	0.02782041	0.00197699	0.01574510
165	0.02670315	0.00170231	0.01546976
166	0.03520423	-0.01267329	-0.00813129
167	0.03591675	-0.01263191	-0.00846261
168	0.03665271	-0.01242559	-0.00865714
169	0.03736465	-0.01212679	-0.00878629
170	0.03804644	-0.01173296	-0.00880991
171	0.03870469	-0.01126544	-0.00880563
172	0.03934793	-0.01071447	-0.00874857
173	0.03997780	-0.01007070	-0.00862763
174	0.04060355	-0.00934243	-0.00846031
175	0.04120395	-0.00852282	-0.00823109
176	0.04164276	-0.00788688	-0.00802826
177	0.04201767	-0.00723542	-0.00779257
178	0.04232489	-0.00657677	-0.00752451
179	0.04257344	-0.00591094	-0.00724129
180	0.04277193	-0.00524475	-0.00695372
181	0.04290615	-0.00455473	-0.00664246
182	0.04297397	-0.00386118	-0.00629454
183	0.04297216	-0.00316472	-0.00592613
184	0.04289546	-0.00236561	-0.00550775
185	0.04277653	-0.00168594	-0.00508449
186	0.04259896	-0.00101237	-0.00467379
187	0.04233928	-0.00035456	-0.00425524
188	0.04200008	0.00025571	-0.00380411
189	0.04160940	0.00085161	-0.00336452
190	0.04115056	0.00147007	-0.00295425

191	0.04063895	0.00205408	-0.00252985
192	0.04005039	0.00268539	-0.00213325
193	0.03941004	0.00327254	-0.00172694
194	0.03832635	0.00418038	-0.00117270
195	0.03717199	0.00486061	-0.00069128
196	0.03597060	0.00535998	-0.00031254
197	0.03471985	0.00568556	-0.00003400
198	0.03341280	0.00581866	0.00012049
199	0.03203170	0.00573849	0.00017846
200	0.03056219	0.00545873	0.00014277
201	0.02904603	0.00494042	0.00003543
202	0.02750112	0.00422807	-0.00019339
203	0.02612441	0.00284479	-0.00037845
204	0.02528610	0.00120207	-0.00060801
205	0.02481729	-0.00040383	-0.00086345
206	0.02461475	-0.00193529	-0.00121497
207	0.02463503	-0.00342108	-0.00166769
208	0.02496627	-0.00493507	-0.00218131
209	0.02570297	-0.00647802	-0.00269028
210	0.02681961	-0.00800262	-0.00319379
211	0.02834830	-0.00938162	-0.00366498
212	0.02927938	-0.00991482	-0.00404026
213	0.03021766	-0.01035924	-0.00441690
214	0.03112054	-0.01075988	-0.00482995
215	0.03193937	-0.01115692	-0.00529660
216	0.03263552	-0.01155533	-0.00581644
217	0.03329464	-0.01194098	-0.00639658
218	0.03388810	-0.01232615	-0.00706450

219	0.03454122	-0.01258114	-0.00764826
220	0.03499370	-0.01746624	-0.00992112
221	0.03588968	-0.01692794	-0.01014044
222	0.03670941	-0.01632580	-0.01030722
223	0.03747747	-0.01572527	-0.01042759
224	0.03819934	-0.01513888	-0.01051639
225	0.03886702	-0.01454743	-0.01057821
226	0.03948206	-0.01394283	-0.01060476
227	0.04006166	-0.01334618	-0.01058889
228	0.04061761	-0.01276965	-0.01053928
229	0.04113301	-0.01220905	-0.01044877
230	0.04167976	-0.01159602	-0.01029680
231	0.04219730	-0.01097292	-0.01012271
232	0.04269556	-0.01033925	-0.00993438
233	0.04314620	-0.00966990	-0.00974143
234	0.04357545	-0.00900776	-0.00951909
235	0.04396026	-0.00831137	-0.00928384
236	0.04433922	-0.00761774	-0.00901012
237	0.04466396	-0.00689755	-0.00871408
238	0.04497658	-0.00616340	-0.00840852
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240	0.04545511	-0.00435374	-0.00758466
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242	0.04561636	-0.00259481	-0.00666602
243	0.04556757	-0.00174723	-0.00617762
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246	0.04488026	0.00076798	-0.00451288

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248	0.04390082	0.00241689	-0.00328386
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250	0.04252187	0.00401849	-0.00207927
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252	0.04081557	0.00551480	-0.00093598
253	0.03984097	0.00622992	-0.00039859
254	0.03871453	0.00689977	0.00014242
255	0.03760009	0.00758451	0.00068302
256	0.03644527	0.00824246	0.00123656
257	0.03296656	-0.00757351	-0.01125476
258	0.03266962	-0.00602014	-0.01122288
259	0.03199472	-0.00467961	-0.01127068
260	0.03121089	-0.00354181	-0.01140666
261	0.03027057	-0.00259511	-0.01161816
262	0.02920412	-0.00179650	-0.01192273
263	0.02790384	-0.00121618	-0.01228364
264	0.02641084	-0.00081195	-0.01271725
265	0.02473774	-0.00061134	-0.01323924
266	0.02288338	-0.00055604	-0.01383754
267	0.02064931	-0.00074994	-0.01422415
268	0.01877112	-0.00105894	-0.01459126
269	0.01716709	-0.00154149	-0.01487997
270	0.01579367	-0.00218154	-0.01504967
271	0.01465632	-0.00301059	-0.01512799
272	0.01371074	-0.00400904	-0.01509416
273	0.01297355	-0.00521183	-0.01502515
274	0.01241614	-0.00659822	-0.01469741

275	0.01222625	-0.00816579	-0.01420257
276	0.01235673	-0.00975806	-0.01371065
277	0.01279566	-0.01117658	-0.01325622
278	0.01350135	-0.01238570	-0.01285171
279	0.01436799	-0.01348802	-0.01254321
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281	0.01682321	-0.01513712	-0.01205785
282	0.01842812	-0.01574769	-0.01191838
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289	0.03081090	-0.01396490	-0.01183807
290	0.03176216	-0.01278212	-0.01174595
291	0.03252901	-0.01133137	-0.01159492
292	0.03294831	-0.00953358	-0.01140629
293	-0.02142282	0.03112365	0.02190476
294	-0.02301796	0.03383577	0.02248257
295	-0.02523507	0.03643893	0.02175395
296	-0.02676936	0.03770365	0.02048807
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321	-0.04894059	-0.01562547	0.01801659
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323	-0.05207682	-0.01656412	0.01704794
324	-0.05294410	-0.01666474	0.01616469
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576	-0.03608356	-0.03469649	0.00562115
577	-0.03169655	-0.03594317	0.00325766
578	-0.02697297	-0.03638096	0.00067418
579	-0.02192448	-0.03580072	-0.00210447
580	-0.01670394	-0.03402354	-0.00497438
581	-0.01237815	-0.03138026	-0.00737242
582	-0.00887718	-0.02816784	-0.00946151

583	-0.00616511	-0.02467277	-0.01130213
584	-0.00411162	-0.02099518	-0.01292211
585	-0.00268273	-0.01716185	-0.01441598
586	-0.00191849	-0.01306867	-0.01569203
587	-0.00178932	-0.00871502	-0.01682464
588	-0.00243765	-0.00408169	-0.01766960
589	-0.00399139	0.00068260	-0.01810782
590	-0.00623090	0.00515937	-0.01811212
591	-0.00885773	0.00891207	-0.01767522
592	-0.01179013	0.01186230	-0.01690881
593	-0.01490692	0.01409267	-0.01591370
594	-0.01818176	0.01572767	-0.01473556
595	-0.02165548	0.01682332	-0.01332059
596	-0.02537999	0.01729781	-0.01162338
597	-0.02937866	0.01701459	-0.00962460
598	-0.03345094	0.01558848	-0.00745697
599	-0.03677850	0.01364662	-0.00623259
600	-0.03949493	0.01127184	-0.00526510
601	-0.04162013	0.00866368	-0.00454247
602	-0.04322600	0.00592013	-0.00402676
603	-0.04438808	0.00303966	-0.00368563
604	-0.04511760	-0.00003384	-0.00353470
605	-0.04533308	-0.00334824	-0.00359878
606	-0.04498999	-0.00687355	-0.00388664
607	-0.04384834	-0.01047517	-0.00448329
608	-0.04263854	-0.01303948	-0.00524733
609	-0.04117705	-0.01516304	-0.00610772
610	-0.03956980	-0.01685855	-0.00703259

611	-0.03783790	-0.01814234	-0.00799155
612	-0.03602300	-0.01905874	-0.00898156
613	-0.03411285	-0.01962729	-0.01000441
614	-0.03208801	-0.01987531	-0.01106722
615	-0.02992769	-0.01974398	-0.01217825
616	-0.02768438	-0.01906778	-0.01331727
617	-0.02562853	-0.01774261	-0.01494807
618	-0.02417517	-0.01603431	-0.01610942
619	-0.02325080	-0.01430961	-0.01682793
620	-0.02263082	-0.01271151	-0.01737982
621	-0.02228114	-0.01105492	-0.01769909
622	-0.02220620	-0.00920000	-0.01784174
623	-0.02268664	-0.00692087	-0.01764065
624	-0.02414879	-0.00459199	-0.01640192
625	-0.02583380	-0.00341392	-0.01476815
626	0.01722261	0.00760270	-0.01294258
627	0.01590806	0.00858926	-0.01676125
628	0.01449067	0.01005905	-0.02005876
629	0.01290156	0.01198133	-0.02256609
630	0.01108914	0.01413493	-0.02434365
631	0.00904450	0.01636145	-0.02560191
632	0.00677391	0.01873190	-0.02632589
633	0.00425559	0.02122090	-0.02660044
634	0.00149516	0.02390375	-0.02634668
635	-0.00146521	0.02681289	-0.02547727
636	-0.00327504	0.02886477	-0.02471939
637	-0.00515364	0.03076246	-0.02367950
638	-0.00709286	0.03248205	-0.02236560

639	-0.00909650	0.03401290	-0.02080965
640	-0.01114419	0.03535868	-0.01897190
641	-0.01331714	0.03653792	-0.01692632
642	-0.01557877	0.03754878	-0.01463304
643	-0.01804913	0.03841378	-0.01219350
644	-0.02069533	0.03910442	-0.00961331
645	-0.02394527	0.03906028	-0.00656775
646	-0.02719218	0.03835870	-0.00381380
647	-0.03041147	0.03698625	-0.00133137
648	-0.03360800	0.03494021	0.00086852
649	-0.03671847	0.03219768	0.00283656
650	-0.03979854	0.02876405	0.00455665
651	-0.04284965	0.02461779	0.00595392
652	-0.04582999	0.01975784	0.00711960
653	-0.04877683	0.01421266	0.00798601
654	-0.05060476	0.00701066	0.00820027
655	-0.05172938	0.00044109	0.00798392
656	-0.05205908	-0.00551305	0.00748146
657	-0.05156921	-0.01084375	0.00674102
658	-0.05023144	-0.01554563	0.00584249
659	-0.04808908	-0.01962097	0.00466760
660	-0.04517471	-0.02307982	0.00318688
661	-0.04155134	-0.02592876	0.00129599
662	-0.03718008	-0.02817715	-0.00095129
663	-0.03341899	-0.02921217	-0.00295647
664	-0.02986630	-0.02958084	-0.00486430
665	-0.02660825	-0.02931203	-0.00679956
666	-0.02357516	-0.02836868	-0.00866525

667	-0.02077511	-0.02676514	-0.01045432
668	-0.01820253	-0.02451159	-0.01218579
669	-0.01586260	-0.02158605	-0.01383899
670	-0.01374410	-0.01798132	-0.01539716
671	-0.01189423	-0.01374015	-0.01696611
672	-0.01200617	-0.00827175	-0.01795672
673	-0.01279907	-0.00352014	-0.01880755
674	-0.01416761	0.00050338	-0.01934927
675	-0.01604329	0.00384341	-0.01940138
676	-0.01840601	0.00648840	-0.01894387
677	-0.02129779	0.00844596	-0.01803414
678	-0.02476363	0.00968776	-0.01675332
679	-0.02880140	0.01022349	-0.01509577
680	-0.03345242	0.01003643	-0.01322816
681	-0.03567375	0.00868268	-0.01233689
682	-0.03757185	0.00716918	-0.01161149
683	-0.03915625	0.00550278	-0.01108272
684	-0.04039701	0.00367956	-0.01065917
685	-0.04132774	0.00170906	-0.01043657
686	-0.04191781	-0.00042655	-0.01033131
687	-0.04219106	-0.00271536	-0.01041921
688	-0.04213726	-0.00516455	-0.01064204
689	-0.04174399	-0.00776005	-0.01102320
690	-0.04090411	-0.00947644	-0.01157691
691	-0.03999704	-0.01092759	-0.01217154
692	-0.03900604	-0.01212044	-0.01276756
693	-0.03795610	-0.01304739	-0.01340795
694	-0.03683317	-0.01370988	-0.01406102

695	-0.03565580	-0.01412246	-0.01475983
696	-0.03441244	-0.01426881	-0.01550090
697	-0.03310703	-0.01415800	-0.01626984
698	-0.03173139	-0.01378033	-0.01705191
699	-0.03043102	-0.01260144	-0.01788269
700	-0.02933479	-0.01144239	-0.01850981
701	-0.02846274	-0.01030177	-0.01897646
702	-0.02777634	-0.00917002	-0.01925684
703	-0.02725909	-0.00800093	-0.01935731
704	-0.02686475	-0.00669398	-0.01918189
705	-0.02651504	-0.00514091	-0.01847567
706	-0.02616938	-0.00378900	-0.01677798
707	-0.02583380	-0.00341392	-0.01476815
708	0.01528430	0.00601332	0.00455459
709	0.01603067	0.00526520	0.00635536
710	0.01687875	0.00462457	0.00816366
711	0.01770831	0.00413835	0.00986315
712	0.01858387	0.00376646	0.01145424
713	0.01942582	0.00352263	0.01297491
714	0.02025821	0.00340022	0.01440919
715	0.02116720	0.00323837	0.01596801
716	0.02206575	0.00340125	0.01741661
717	0.02239135	0.00363872	0.01880235

Procrustes sums of squares: 0.4196212041790885

Tangent sums of squares: 0.41331392217854157

Data matrices in this dataset:

- RawData_All, raw data
- RawData_All, centroid size
- RawData_All, Procrustes coordinates

New Procrustes fit:

Dataset 'RawData_All'

717 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.02972322	0.00034455	0.01539411
2	0.02705447	-0.01702409	0.00525495
3	0.02747346	-0.01709808	0.00586181
4	0.02778257	-0.01700494	0.00657720
5	0.02800736	-0.01678288	0.00730888
6	0.02822713	-0.01648977	0.00801719
7	0.02844055	-0.01613604	0.00872494
8	0.02866153	-0.01567444	0.00943821
9	0.02885041	-0.01511679	0.01015048
10	0.02906032	-0.01448749	0.01088283
11	0.02926596	-0.01380280	0.01164255
12	0.02939194	-0.01299701	0.01234886
13	0.02948240	-0.01217380	0.01298383

14	0.02952849	-0.01133499	0.01354115
15	0.02955475	-0.01045729	0.01401195
16	0.02950660	-0.00956368	0.01440569
17	0.02943254	-0.00862575	0.01470874
18	0.02929900	-0.00764236	0.01492813
19	0.02909503	-0.00664145	0.01501515
20	0.02884288	-0.00562687	0.01504655
21	0.02840902	-0.00424555	0.01494999
22	0.02795385	-0.00302078	0.01468467
23	0.02744735	-0.00190314	0.01424339
24	0.02682911	-0.00100344	0.01355587
25	0.02609498	-0.00036289	0.01266232
26	0.02527489	0.00015463	0.01156732
27	0.02440768	0.00057652	0.01023786
28	0.02342126	0.00083291	0.00869594
29	0.02233021	0.00073835	0.00699630
30	0.02177950	0.00022135	0.00562717
31	0.02137717	-0.00078858	0.00447333
32	0.02119185	-0.00202178	0.00362499
33	0.02115487	-0.00330068	0.00294504
34	0.02125295	-0.00466429	0.00238001
35	0.02147795	-0.00614392	0.00189923
36	0.02185322	-0.00777982	0.00151114
37	0.02238389	-0.00960506	0.00120766
38	0.02305913	-0.01142307	0.00144020
39	0.02342013	-0.01207992	0.00188673
40	0.02381099	-0.01269899	0.00243759
41	0.02422204	-0.01330901	0.00297605

42	0.02463908	-0.01392242	0.00344450
43	0.02507642	-0.01455913	0.00382269
44	0.02556433	-0.01523460	0.00411537
45	0.02611256	-0.01593527	0.00436971
46	0.02666048	-0.01657913	0.00473231
47	0.02757712	-0.02120625	0.00348279
48	0.02782001	-0.02105202	0.00398710
49	0.02805685	-0.02085742	0.00452755
50	0.02829153	-0.02062179	0.00512570
51	0.02852462	-0.02033173	0.00574804
52	0.02875222	-0.01998672	0.00639769
53	0.02898554	-0.01959601	0.00709209
54	0.02920965	-0.01916817	0.00781362
55	0.02945301	-0.01868515	0.00857564
56	0.02967566	-0.01821171	0.00941506
57	0.02986957	-0.01767209	0.01016797
58	0.03005465	-0.01710986	0.01089546
59	0.03022965	-0.01652103	0.01159006
60	0.03037101	-0.01591051	0.01226229
61	0.03047306	-0.01526027	0.01285586
62	0.03057906	-0.01462644	0.01348765
63	0.03064512	-0.01393538	0.01402315
64	0.03070093	-0.01322812	0.01454639
65	0.03072879	-0.01251774	0.01506852
66	0.03073950	-0.01180331	0.01549469
67	0.03071746	-0.01107158	0.01587200
68	0.03066116	-0.01032927	0.01617340
69	0.03058165	-0.00958671	0.01646600

70	0.03046351	-0.00883411	0.01666021
71	0.03033405	-0.00806738	0.01683941
72	0.03016639	-0.00728662	0.01696785
73	0.02998821	-0.00648132	0.01703384
74	0.02977534	-0.00566955	0.01704959
75	0.02958311	-0.00496730	0.01704445
76	0.02937669	-0.00422799	0.01700296
77	0.02911243	-0.00346306	0.01692235
78	0.02880410	-0.00267736	0.01676644
79	0.02847455	-0.00186775	0.01655930
80	0.02809838	-0.00103072	0.01631282
81	0.02766826	-0.00015590	0.01606882
82	0.02720443	0.00076651	0.01579487
83	0.02670315	0.00170231	0.01546976
84	0.03378181	0.01074605	0.00504811
85	0.03439705	0.01064457	0.00518851
86	0.03496102	0.01049153	0.00546773
87	0.03540999	0.01031485	0.00584832
88	0.03578678	0.01013360	0.00624967
89	0.03608034	0.00994773	0.00666598
90	0.03634265	0.00974076	0.00711457
91	0.03650265	0.00951707	0.00764471
92	0.03671021	0.00926604	0.00817194
93	0.03683099	0.00900064	0.00874856
94	0.03691305	0.00868074	0.00933976
95	0.03693792	0.00835787	0.00990832
96	0.03689181	0.00802694	0.01046810
97	0.03678342	0.00768505	0.01101075

98	0.03661509	0.00732633	0.01153230
99	0.03637478	0.00695574	0.01203971
100	0.03606066	0.00657797	0.01253009
101	0.03566143	0.00619893	0.01299928
102	0.03517932	0.00582549	0.01344068
103	0.03452107	0.00534011	0.01379936
104	0.03379469	0.00494884	0.01402940
105	0.03307180	0.00459821	0.01418266
106	0.03231755	0.00431990	0.01423117
107	0.03158418	0.00404545	0.01419718
108	0.03081495	0.00381564	0.01406564
109	0.03001105	0.00363778	0.01384649
110	0.02920598	0.00357021	0.01350421
111	0.02838828	0.00356680	0.01306002
112	0.02699079	0.00371608	0.01163477
113	0.02596038	0.00417491	0.01028459
114	0.02518447	0.00460263	0.00907614
115	0.02474553	0.00514861	0.00801982
116	0.02456151	0.00572062	0.00713542
117	0.02457934	0.00626670	0.00627340
118	0.02490271	0.00694870	0.00551488
119	0.02564026	0.00778738	0.00499408
120	0.02666195	0.00860821	0.00486351
121	0.02733385	0.00917674	0.00507897
122	0.02804233	0.00965674	0.00536438
123	0.02878467	0.01004131	0.00560045
124	0.02954523	0.01035286	0.00571634
125	0.03032808	0.01058940	0.00572152

126	0.03114299	0.01075810	0.00557555
127	0.03200194	0.01085537	0.00536799
128	0.03289612	0.01086462	0.00515598
129	0.03529260	0.01366142	0.00256987
130	0.03578206	0.01335580	0.00285869
131	0.03622842	0.01307007	0.00317358
132	0.03666547	0.01275996	0.00351756
133	0.03709447	0.01249864	0.00388041
134	0.03747602	0.01224693	0.00426451
135	0.03780560	0.01196366	0.00465607
136	0.03810497	0.01168103	0.00509349
137	0.03839322	0.01142726	0.00555152
138	0.03863838	0.01116660	0.00602881
139	0.03888601	0.01085447	0.00671027
140	0.03909226	0.01052399	0.00738017
141	0.03922790	0.01017137	0.00804524
142	0.03932464	0.00982645	0.00869975
143	0.03935855	0.00946825	0.00931624
144	0.03934712	0.00909619	0.00995115
145	0.03930464	0.00871579	0.01061177
146	0.03919563	0.00833860	0.01124223
147	0.03906227	0.00795608	0.01186021
148	0.03885308	0.00759029	0.01241352
149	0.03860694	0.00721762	0.01294731
150	0.03829681	0.00685440	0.01344628
151	0.03794860	0.00648265	0.01394051
152	0.03753814	0.00611874	0.01437855
153	0.03706715	0.00575804	0.01480601

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155	0.03596102	0.00500782	0.01558274
156	0.03539571	0.00466280	0.01588539
157	0.03456021	0.00430757	0.01616478
158	0.03366759	0.00395158	0.01633603
159	0.03275860	0.00359696	0.01643257
160	0.03182795	0.00324994	0.01642233
161	0.03087790	0.00292118	0.01637036
162	0.02991004	0.00258959	0.01624926
163	0.02889692	0.00226363	0.01600033
164	0.02782041	0.00197699	0.01574510
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166	0.03520423	-0.01267329	-0.00813129
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172	0.03934793	-0.01071447	-0.00874857
173	0.03997780	-0.01007070	-0.00862763
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175	0.04120395	-0.00852282	-0.00823109
176	0.04164276	-0.00788688	-0.00802826
177	0.04201767	-0.00723542	-0.00779257
178	0.04232489	-0.00657677	-0.00752451
179	0.04257344	-0.00591094	-0.00724129
180	0.04277193	-0.00524475	-0.00695372
181	0.04290615	-0.00455473	-0.00664246

182	0.04297397	-0.00386118	-0.00629454
183	0.04297216	-0.00316472	-0.00592613
184	0.04289546	-0.00236561	-0.00550775
185	0.04277653	-0.00168594	-0.00508449
186	0.04259896	-0.00101237	-0.00467379
187	0.04233928	-0.00035456	-0.00425524
188	0.04200008	0.00025571	-0.00380411
189	0.04160940	0.00085161	-0.00336452
190	0.04115056	0.00147007	-0.00295425
191	0.04063895	0.00205408	-0.00252985
192	0.04005039	0.00268539	-0.00213325
193	0.03941004	0.00327254	-0.00172694
194	0.03832635	0.00418038	-0.00117270
195	0.03717199	0.00486061	-0.00069128
196	0.03597060	0.00535998	-0.00031254
197	0.03471985	0.00568556	-0.00003400
198	0.03341280	0.00581866	0.00012049
199	0.03203170	0.00573849	0.00017846
200	0.03056219	0.00545873	0.00014277
201	0.02904603	0.00494042	0.00003543
202	0.02750112	0.00422807	-0.00019339
203	0.02612441	0.00284479	-0.00037845
204	0.02528610	0.00120207	-0.00060801
205	0.02481729	-0.00040383	-0.00086345
206	0.02461475	-0.00193529	-0.00121497
207	0.02463503	-0.00342108	-0.00166769
208	0.02496627	-0.00493507	-0.00218131
209	0.02570297	-0.00647802	-0.00269028

210	0.02681961	-0.00800262	-0.00319379
211	0.02834830	-0.00938162	-0.00366498
212	0.02927938	-0.00991482	-0.00404026
213	0.03021766	-0.01035924	-0.00441690
214	0.03112054	-0.01075988	-0.00482995
215	0.03193937	-0.01115692	-0.00529660
216	0.03263552	-0.01155533	-0.00581644
217	0.03329464	-0.01194098	-0.00639658
218	0.03388810	-0.01232615	-0.00706450
219	0.03454122	-0.01258114	-0.00764826
220	0.03499370	-0.01746624	-0.00992112
221	0.03588968	-0.01692794	-0.01014044
222	0.03670941	-0.01632580	-0.01030722
223	0.03747747	-0.01572527	-0.01042759
224	0.03819934	-0.01513888	-0.01051639
225	0.03886702	-0.01454743	-0.01057821
226	0.03948206	-0.01394283	-0.01060476
227	0.04006166	-0.01334618	-0.01058889
228	0.04061761	-0.01276965	-0.01053928
229	0.04113301	-0.01220905	-0.01044877
230	0.04167976	-0.01159602	-0.01029680
231	0.04219730	-0.01097292	-0.01012271
232	0.04269556	-0.01033925	-0.00993438
233	0.04314620	-0.00966990	-0.00974143
234	0.04357545	-0.00900776	-0.00951909
235	0.04396026	-0.00831137	-0.00928384
236	0.04433922	-0.00761774	-0.00901012
237	0.04466396	-0.00689755	-0.00871408

238	0.04497658	-0.00616340	-0.00840852
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240	0.04545511	-0.00435374	-0.00758466
241	0.04557367	-0.00347059	-0.00714140
242	0.04561636	-0.00259481	-0.00666602
243	0.04556757	-0.00174723	-0.00617762
244	0.04541594	-0.00090381	-0.00565033
245	0.04519374	-0.00005987	-0.00509735
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256	0.03644527	0.00824246	0.00123656
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258	0.03266962	-0.00602014	-0.01122288
259	0.03199472	-0.00467961	-0.01127068
260	0.03121089	-0.00354181	-0.01140666
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262	0.02920412	-0.00179650	-0.01192273
263	0.02790384	-0.00121618	-0.01228364
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265	0.02473774	-0.00061134	-0.01323924

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267	0.02064931	-0.00074994	-0.01422415
268	0.01877112	-0.00105894	-0.01459126
269	0.01716709	-0.00154149	-0.01487997
270	0.01579367	-0.00218154	-0.01504967
271	0.01465632	-0.00301059	-0.01512799
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273	0.01297355	-0.00521183	-0.01502515
274	0.01241614	-0.00659822	-0.01469741
275	0.01222625	-0.00816579	-0.01420257
276	0.01235673	-0.00975806	-0.01371065
277	0.01279566	-0.01117658	-0.01325622
278	0.01350135	-0.01238570	-0.01285171
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284	0.02233941	-0.01646203	-0.01177757
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290	0.03176216	-0.01278212	-0.01174595
291	0.03252901	-0.01133137	-0.01159492
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546	0.00106943	0.03512061	-0.02244190
547	-0.00062152	0.03691861	-0.02115728
548	-0.00229689	0.03863331	-0.01977844
549	-0.00401371	0.04019844	-0.01825363
550	-0.00574304	0.04164042	-0.01659765
551	-0.00754843	0.04288723	-0.01477101
552	-0.00939188	0.04398267	-0.01281749
553	-0.01131458	0.04486554	-0.01072466
554	-0.01361907	0.04563200	-0.00817246
555	-0.01600400	0.04603793	-0.00572292
556	-0.01845867	0.04612341	-0.00338933
557	-0.02097432	0.04584191	-0.00115708
558	-0.02357913	0.04534594	0.00096705
559	-0.02625961	0.04451645	0.00299913
560	-0.02900920	0.04332283	0.00492215
561	-0.03182759	0.04176768	0.00672759
562	-0.03469438	0.03987925	0.00840384
563	-0.04050643	0.03503041	0.01161190
564	-0.04523986	0.02955429	0.01412014
565	-0.04900000	0.02374045	0.01595448
566	-0.05191247	0.01770691	0.01718858
567	-0.05409263	0.01145494	0.01789786
568	-0.05550307	0.00490641	0.01804896
569	-0.05611948	-0.00200466	0.01762143
570	-0.05561935	-0.00923946	0.01645360
571	-0.05379578	-0.01656581	0.01454221
572	-0.05104271	-0.02201557	0.01320168
573	-0.04769706	-0.02645243	0.01158785

574	-0.04404349	-0.02997644	0.00977459
575	-0.04016938	-0.03269069	0.00778759
576	-0.03608356	-0.03469649	0.00562115
577	-0.03169655	-0.03594317	0.00325766
578	-0.02697297	-0.03638096	0.00067418
579	-0.02192448	-0.03580072	-0.00210447
580	-0.01670394	-0.03402354	-0.00497438
581	-0.01237815	-0.03138026	-0.00737242
582	-0.00887718	-0.02816784	-0.00946151
583	-0.00616511	-0.02467277	-0.01130213
584	-0.00411162	-0.02099518	-0.01292211
585	-0.00268273	-0.01716185	-0.01441598
586	-0.00191849	-0.01306867	-0.01569203
587	-0.00178932	-0.00871502	-0.01682464
588	-0.00243765	-0.00408169	-0.01766960
589	-0.00399139	0.00068260	-0.01810782
590	-0.00623090	0.00515937	-0.01811212
591	-0.00885773	0.00891207	-0.01767522
592	-0.01179013	0.01186230	-0.01690881
593	-0.01490692	0.01409267	-0.01591370
594	-0.01818176	0.01572767	-0.01473556
595	-0.02165548	0.01682332	-0.01332059
596	-0.02537999	0.01729781	-0.01162338
597	-0.02937866	0.01701459	-0.00962460
598	-0.03345094	0.01558848	-0.00745697
599	-0.03677850	0.01364662	-0.00623259
600	-0.03949493	0.01127184	-0.00526510
601	-0.04162013	0.00866368	-0.00454247

602	-0.04322600	0.00592013	-0.00402676
603	-0.04438808	0.00303966	-0.00368563
604	-0.04511760	-0.00003384	-0.00353470
605	-0.04533308	-0.00334824	-0.00359878
606	-0.04498999	-0.00687355	-0.00388664
607	-0.04384834	-0.01047517	-0.00448329
608	-0.04263854	-0.01303948	-0.00524733
609	-0.04117705	-0.01516304	-0.00610772
610	-0.03956980	-0.01685855	-0.00703259
611	-0.03783790	-0.01814234	-0.00799155
612	-0.03602300	-0.01905874	-0.00898156
613	-0.03411285	-0.01962729	-0.01000441
614	-0.03208801	-0.01987531	-0.01106722
615	-0.02992769	-0.01974398	-0.01217825
616	-0.02768438	-0.01906778	-0.01331727
617	-0.02562853	-0.01774261	-0.01494807
618	-0.02417517	-0.01603431	-0.01610942
619	-0.02325080	-0.01430961	-0.01682793
620	-0.02263082	-0.01271151	-0.01737982
621	-0.02228114	-0.01105492	-0.01769909
622	-0.02220620	-0.00920000	-0.01784174
623	-0.02268664	-0.00692087	-0.01764065
624	-0.02414879	-0.00459199	-0.01640192
625	-0.02583380	-0.00341392	-0.01476815
626	0.01722261	0.00760270	-0.01294258
627	0.01590806	0.00858926	-0.01676125
628	0.01449067	0.01005905	-0.02005876
629	0.01290156	0.01198133	-0.02256609

630	0.01108914	0.01413493	-0.02434365
631	0.00904450	0.01636145	-0.02560191
632	0.00677391	0.01873190	-0.02632589
633	0.00425559	0.02122090	-0.02660044
634	0.00149516	0.02390375	-0.02634668
635	-0.00146521	0.02681289	-0.02547727
636	-0.00327504	0.02886477	-0.02471939
637	-0.00515364	0.03076246	-0.02367950
638	-0.00709286	0.03248205	-0.02236560
639	-0.00909650	0.03401290	-0.02080965
640	-0.01114419	0.03535868	-0.01897190
641	-0.01331714	0.03653792	-0.01692632
642	-0.01557877	0.03754878	-0.01463304
643	-0.01804913	0.03841378	-0.01219350
644	-0.02069533	0.03910442	-0.00961331
645	-0.02394527	0.03906028	-0.00656775
646	-0.02719218	0.03835870	-0.00381380
647	-0.03041147	0.03698625	-0.00133137
648	-0.03360800	0.03494021	0.00086852
649	-0.03671847	0.03219768	0.00283656
650	-0.03979854	0.02876405	0.00455665
651	-0.04284965	0.02461779	0.00595392
652	-0.04582999	0.01975784	0.00711960
653	-0.04877683	0.01421266	0.00798601
654	-0.05060476	0.00701066	0.00820027
655	-0.05172938	0.00044109	0.00798392
656	-0.05205908	-0.00551305	0.00748146
657	-0.05156921	-0.01084375	0.00674102

658	-0.05023144	-0.01554563	0.00584249
659	-0.04808908	-0.01962097	0.00466760
660	-0.04517471	-0.02307982	0.00318688
661	-0.04155134	-0.02592876	0.00129599
662	-0.03718008	-0.02817715	-0.00095129
663	-0.03341899	-0.02921217	-0.00295647
664	-0.02986630	-0.02958084	-0.00486430
665	-0.02660825	-0.02931203	-0.00679956
666	-0.02357516	-0.02836868	-0.00866525
667	-0.02077511	-0.02676514	-0.01045432
668	-0.01820253	-0.02451159	-0.01218579
669	-0.01586260	-0.02158605	-0.01383899
670	-0.01374410	-0.01798132	-0.01539716
671	-0.01189423	-0.01374015	-0.01696611
672	-0.01200617	-0.00827175	-0.01795672
673	-0.01279907	-0.00352014	-0.01880755
674	-0.01416761	0.00050338	-0.01934927
675	-0.01604329	0.00384341	-0.01940138
676	-0.01840601	0.00648840	-0.01894387
677	-0.02129779	0.00844596	-0.01803414
678	-0.02476363	0.00968776	-0.01675332
679	-0.02880140	0.01022349	-0.01509577
680	-0.03345242	0.01003643	-0.01322816
681	-0.03567375	0.00868268	-0.01233689
682	-0.03757185	0.00716918	-0.01161149
683	-0.03915625	0.00550278	-0.01108272
684	-0.04039701	0.00367956	-0.01065917
685	-0.04132774	0.00170906	-0.01043657

686	-0.04191781	-0.00042655	-0.01033131
687	-0.04219106	-0.00271536	-0.01041921
688	-0.04213726	-0.00516455	-0.01064204
689	-0.04174399	-0.00776005	-0.01102320
690	-0.04090411	-0.00947644	-0.01157691
691	-0.03999704	-0.01092759	-0.01217154
692	-0.03900604	-0.01212044	-0.01276756
693	-0.03795610	-0.01304739	-0.01340795
694	-0.03683317	-0.01370988	-0.01406102
695	-0.03565580	-0.01412246	-0.01475983
696	-0.03441244	-0.01426881	-0.01550090
697	-0.03310703	-0.01415800	-0.01626984
698	-0.03173139	-0.01378033	-0.01705191
699	-0.03043102	-0.01260144	-0.01788269
700	-0.02933479	-0.01144239	-0.01850981
701	-0.02846274	-0.01030177	-0.01897646
702	-0.02777634	-0.00917002	-0.01925684
703	-0.02725909	-0.00800093	-0.01935731
704	-0.02686475	-0.00669398	-0.01918189
705	-0.02651504	-0.00514091	-0.01847567
706	-0.02616938	-0.00378900	-0.01677798
707	-0.02583380	-0.00341392	-0.01476815
708	0.01528430	0.00601332	0.00455459
709	0.01603067	0.00526520	0.00635536
710	0.01687875	0.00462457	0.00816366
711	0.01770831	0.00413835	0.00986315
712	0.01858387	0.00376646	0.01145424
713	0.01942582	0.00352263	0.01297491

714	0.02025821	0.00340022	0.01440919
715	0.02116720	0.00323837	0.01596801
716	0.02206575	0.00340125	0.01741661
717	0.02239135	0.00363872	0.01880235

Procrustes sums of squares: 0.4196212041790885

Tangent sums of squares: 0.41331392217854157

Data matrices in this dataset:

- RawData_All, raw data
- RawData_All, centroid size
- RawData_All, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, RawData_All, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00283405	21.256	21.256
2.	0.00192958	14.473	35.729
3.	0.00140725	10.555	46.284
4.	0.00100287	7.522	53.806
5.	0.00073187	5.489	59.295
6.	0.00067806	5.086	64.381
7.	0.00056660	4.250	68.630
8.	0.00049234	3.693	72.323
9.	0.00042723	3.204	75.527

10.	0.00035699	2.678	78.205
11.	0.00033431	2.507	80.712
12.	0.00029615	2.221	82.934
13.	0.00025840	1.938	84.872
14.	0.00020906	1.568	86.440
15.	0.00019758	1.482	87.922
16.	0.00018554	1.392	89.313
17.	0.00016356	1.227	90.540
18.	0.00014649	1.099	91.639
19.	0.00013552	1.016	92.655
20.	0.00013071	0.980	93.636
21.	0.00012682	0.951	94.587
22.	0.00011378	0.853	95.440
23.	0.00010567	0.793	96.233
24.	0.00009089	0.682	96.915
25.	0.00008148	0.611	97.526
26.	0.00007277	0.546	98.072
27.	0.00006482	0.486	98.558
28.	0.00005819	0.436	98.994
29.	0.00005042	0.378	99.372
30.	0.00004799	0.360	99.732
31.	0.00003570	0.268	100.000

Total variance: 0.01333271

Variance of the eigenvalues: 0.0000000079610

Eigenvalue variance scaled by total variance: 0.00004

Eigenvalue variance scaled by total variance and number of variables: 0.09606

[illegible]

y2	0.048832	0.016392	-0.004333	0.005451	-0.001699	0.011765
	0.025936	0.000413	-0.002505	-0.011640	-0.012233	-0.043400
	-0.018246	0.013685	0.005041	-0.012364	-0.000626	-0.013944
	0.006076	-0.010936	0.015870	0.009859	0.005215	0.017494
	0.010702	-0.001144	0.019760	-0.011074	0.014383	-0.000300
	-0.009824					
z2	-0.012661	0.013721	0.033956	-0.006214	-0.000397	-0.013533
	0.005884	-0.004069	-0.002244	0.012780	-0.003607	0.014636
	0.009030	-0.008902	-0.003660	0.006915	0.003048	-0.026263
	0.003183	-0.009877	-0.018868	0.000885	-0.020029	-0.010020
	0.000500	-0.008563	0.008008	0.013504	-0.001857	-0.018266
	-0.000089					
x3	0.011332	-0.002073	-0.005521	0.009464	0.014290	-0.023943
	0.003234	-0.004761	0.026511	-0.000755	0.020365	0.012700
	-0.025858	-0.029256	0.015364	0.010902	-0.015018	0.004704
	-0.003650	0.019779	0.001494	-0.004628	0.031651	-0.020821
	0.008113	-0.014857	0.012656	-0.010940	-0.019194	0.001897
	0.010560					
y3	0.050061	0.018705	-0.006056	0.005998	0.000033	0.009542
	0.025362	0.000839	-0.003826	-0.011446	-0.010122	-0.043856
	-0.019801	0.010042	0.006797	-0.010300	-0.000481	-0.017095
	0.006683	-0.009365	0.017662	0.009096	0.011082	0.013175
	0.009110	-0.004145	0.014936	-0.009381	0.011705	-0.006551
	-0.007876					
z3	-0.014027	0.013635	0.031514	-0.007476	-0.000652	-0.014393
	0.004680	-0.006548	-0.002961	0.012709	-0.004163	0.018045
	0.008663	-0.012040	-0.003219	0.008644	0.003294	-0.022269
	0.005126	-0.011186	-0.018196	-0.000140	-0.014187	-0.012314
	0.001562	-0.012432	0.008514	0.015268	-0.000228	-0.022619
	-0.006052					
x4	0.011006	-0.003340	-0.003412	0.010246	0.014380	-0.022519
	0.003162	-0.004463	0.025264	-0.000588	0.020102	0.016476
	-0.025676	-0.030440	0.016359	0.008699	-0.017528	0.008212
	-0.004261	0.022488	0.003195	-0.003275	0.032812	-0.020713
	0.005559	-0.016964	0.012278	-0.011454	-0.016872	0.004112
	0.002548					
y4	0.050660	0.020792	-0.007947	0.006059	0.000295	0.007609
	0.024557	0.000412	-0.005774	-0.011647	-0.007634	-0.043370
	-0.020961	0.006381	0.007522	-0.008250	-0.001424	-0.018472
	0.006572	-0.007492	0.018196	0.007813	0.018256	0.007882
	0.009406	-0.009535	0.011978	-0.006651	0.008395	-0.009769
	-0.004620					

z4	-0.015734	0.012828	0.029667	-0.009042	-0.002655	-0.015389
	0.002772	-0.008371	-0.005421	0.011997	-0.004675	0.022525
	0.007166	-0.015269	-0.002598	0.011003	0.001442	-0.016070
	0.006637	-0.009795	-0.014898	0.000590	-0.006063	-0.015766
	0.003138	-0.018863	0.012224	0.017791	0.001536	-0.024692
	-0.009068					
x5	0.010178	-0.004980	-0.001838	0.011203	0.015473	-0.020145
	0.003284	-0.004115	0.026077	-0.000243	0.019012	0.019326
	-0.024680	-0.030260	0.015215	0.006022	-0.018545	0.007613
	-0.005113	0.023600	0.001953	-0.002682	0.032175	-0.019480
	0.004061	-0.018348	0.007812	-0.013067	-0.015948	0.009276
	-0.005321					
y5	0.050302	0.021770	-0.008859	0.005727	-0.000286	0.005079
	0.023829	-0.000148	-0.009019	-0.012795	-0.004507	-0.041292
	-0.022837	0.002217	0.009697	-0.007476	-0.003565	-0.014943
	0.004093	-0.006902	0.019547	0.006344	0.025565	0.001839
	0.010629	-0.010779	0.012530	-0.001690	0.005441	-0.011819
	-0.000837					
z5	-0.017701	0.011770	0.028551	-0.010159	-0.004509	-0.015865
	0.001417	-0.009203	-0.007693	0.011362	-0.005364	0.026685
	0.005984	-0.017303	-0.001618	0.013125	-0.000496	-0.009626
	0.008420	-0.008032	-0.011095	0.001234	-0.000020	-0.018248
	0.004874	-0.022207	0.016302	0.021294	0.002856	-0.027609
	-0.011766					
x6	0.009282	-0.006561	-0.000293	0.011146	0.015300	-0.017573
	0.003998	-0.003825	0.025960	-0.002117	0.018648	0.021075
	-0.022806	-0.031522	0.013898	0.004107	-0.017925	0.007096
	-0.003469	0.025128	0.002518	-0.002002	0.028540	-0.019233
	0.001234	-0.018807	0.007563	-0.008820	-0.014296	0.010017
	-0.006026					
y6	0.049619	0.022411	-0.009418	0.005394	-0.000252	0.003008
	0.022877	-0.000833	-0.011554	-0.013440	-0.002693	-0.039236
	-0.024750	-0.001039	0.011166	-0.007047	-0.005778	-0.012044
	0.001715	-0.006660	0.020933	0.005573	0.031151	-0.002060
	0.012519	-0.012358	0.011990	0.001152	0.003327	-0.011478
	0.001559					
z6	-0.020008	0.010605	0.027665	-0.010437	-0.005718	-0.015502
	0.000598	-0.010258	-0.009254	0.011183	-0.006265	0.030736
	0.005096	-0.017917	-0.001783	0.013984	-0.002543	-0.004348
	0.009559	-0.007454	-0.008933	0.002549	0.004189	-0.018259
	0.005470	-0.024448	0.017043	0.020614	0.005450	-0.026464
	-0.016147					

x7	0.007672	-0.009023	0.001062	0.011192	0.015728	-0.015414
	0.004533	-0.003380	0.025715	-0.003572	0.018432	0.023007
	-0.022738	-0.032906	0.013306	0.002152	-0.016947	0.006793
	-0.003569	0.025641	0.002295	-0.001400	0.023726	-0.019276
	-0.000347	-0.018146	0.008865	-0.007110	-0.012670	0.011972
	-0.004658					
y7	0.049017	0.023283	-0.010059	0.004792	-0.000115	0.001825
	0.022146	-0.002100	-0.013520	-0.013646	-0.002199	-0.037985
	-0.024970	-0.004058	0.010676	-0.006876	-0.007979	-0.009449
	0.001343	-0.006730	0.023002	0.005149	0.034977	-0.003317
	0.013748	-0.014516	0.010072	0.005254	0.003011	-0.011484
	-0.000915					
z7	-0.022812	0.009126	0.027160	-0.010337	-0.006918	-0.014773
	0.000322	-0.010625	-0.010760	0.010365	-0.006808	0.034885
	0.003991	-0.018320	-0.002372	0.014375	-0.004661	0.000632
	0.010399	-0.007662	-0.006970	0.004281	0.005989	-0.017446
	0.005039	-0.024840	0.017639	0.020030	0.008626	-0.024182
	-0.018425					
x8	0.006355	-0.010296	0.003334	0.010731	0.015436	-0.014327
	0.004722	-0.003373	0.023879	-0.003577	0.015665	0.024088
	-0.021277	-0.032283	0.013438	0.002086	-0.017586	0.007095
	-0.005236	0.026563	0.004422	-0.001224	0.019093	-0.018172
	0.000547	-0.015483	0.007143	-0.005818	-0.011045	0.013609
	-0.004025					
y8	0.047224	0.023720	-0.010646	0.003681	-0.000010	0.001623
	0.022336	-0.003837	-0.014681	-0.014125	-0.001460	-0.035614
	-0.025913	-0.009416	0.008469	-0.007631	-0.009917	-0.006559
	0.001576	-0.007941	0.022539	0.004839	0.035726	-0.003639
	0.013185	-0.016973	0.011569	0.008096	0.002040	-0.009036
	-0.004264					
z8	-0.025788	0.007544	0.027288	-0.009797	-0.008202	-0.014146
	-0.000211	-0.010685	-0.012646	0.009606	-0.008070	0.038671
	0.002961	-0.017226	-0.003145	0.015742	-0.006958	0.005184
	0.010242	-0.007611	-0.004869	0.005361	0.006091	-0.016503
	0.004479	-0.024025	0.015858	0.017379	0.010872	-0.019956
	-0.015781					
x9	0.005082	-0.012743	0.005216	0.010351	0.015299	-0.012407
	0.004429	-0.003854	0.023197	-0.005224	0.013851	0.024685
	-0.019828	-0.031549	0.012387	0.001567	-0.016805	0.007255
	-0.006338	0.026472	0.005873	-0.000679	0.013013	-0.014966
	0.001116	-0.010637	0.004383	-0.003537	-0.010172	0.016021
	-0.002989					

y9	0.044232	0.024102	-0.010439	0.001983	-0.000464	0.001002
	0.023389	-0.005336	-0.016190	-0.014683	-0.002115	-0.034284
	-0.027149	-0.015393	0.007629	-0.008894	-0.012546	-0.003078
	0.000444	-0.010656	0.022241	0.004502	0.033973	-0.002210
	0.012809	-0.017678	0.013165	0.010464	-0.001304	-0.004273
	-0.006675					
z9	-0.028811	0.005701	0.027497	-0.008534	-0.009198	-0.012826
	-0.000520	-0.010304	-0.014351	0.008577	-0.008756	0.043020
	0.001935	-0.014870	-0.005135	0.016047	-0.009012	0.009773
	0.010736	-0.007492	-0.002997	0.007571	0.005625	-0.014382
	0.003254	-0.022108	0.013872	0.013602	0.015236	-0.014513
	-0.012253					
x10	0.003557	-0.015206	0.006850	0.009526	0.015765	-0.009334
	0.005112	-0.005588	0.023664	-0.007784	0.010960	0.023227
	-0.017638	-0.032196	0.009677	-0.000181	-0.014702	0.005641
	-0.006586	0.024572	0.006961	0.000489	0.007363	-0.010820
	0.002198	-0.007804	0.001834	0.001314	-0.010811	0.018323
	-0.009669					
y10	0.040853	0.024142	-0.009470	0.000166	-0.001685	-0.000609
	0.024123	-0.006495	-0.019245	-0.014341	-0.002638	-0.032416
	-0.028964	-0.020906	0.007388	-0.008394	-0.016176	0.002922
	-0.001826	-0.012995	0.022184	0.003245	0.028685	0.001758
	0.013308	-0.015866	0.014013	0.009167	-0.005890	0.002361
	-0.003428					
z10	-0.032014	0.004086	0.027622	-0.007024	-0.009596	-0.010322
	-0.000395	-0.010009	-0.014710	0.007124	-0.009551	0.047696
	0.000959	-0.012123	-0.008939	0.014543	-0.011095	0.013974
	0.011946	-0.007073	-0.001795	0.010975	0.004435	-0.011607
	0.000966	-0.020820	0.012397	0.009967	0.020375	-0.006798
	-0.010907					
x11	0.002168	-0.016928	0.008868	0.006867	0.015646	-0.007045
	0.006494	-0.007778	0.023235	-0.008373	0.007568	0.020948
	-0.014448	-0.033638	0.007942	0.000724	-0.015019	0.005589
	-0.008427	0.022336	0.006848	-0.000599	-0.000568	-0.007997
	0.002266	-0.006221	0.002592	0.000255	-0.013320	0.016252
	-0.013749					
y11	0.037255	0.023375	-0.008820	-0.000649	-0.002017	-0.000454
	0.024156	-0.007877	-0.020900	-0.015806	-0.003281	-0.028262
	-0.030599	-0.024396	0.005290	-0.011932	-0.018280	0.007944
	-0.000381	-0.015179	0.021552	0.003626	0.025401	0.005945
	0.015885	-0.013021	0.014147	0.014088	-0.004623	0.011439
	-0.003566					

z11	-0.036033	0.002206	0.028712	-0.005920	-0.010623	-0.008271
	0.000655	-0.009625	-0.015804	0.005850	-0.011301	0.050466
	0.000252	-0.010763	-0.012502	0.014853	-0.014457	0.018276
	0.010026	-0.008381	-0.000564	0.013247	-0.000972	-0.006650
	-0.002962	-0.017560	0.009815	0.002461	0.021952	0.002373
	-0.007029					
x12	0.000563	-0.018428	0.011866	0.005738	0.016593	-0.005730
	0.008312	-0.009516	0.020042	-0.009952	0.006770	0.021353
	-0.011327	-0.034613	0.008664	0.004038	-0.013825	0.002560
	-0.006661	0.019379	0.005161	-0.001049	-0.011694	-0.004708
	-0.000797	-0.004790	0.001469	0.005549	-0.009857	0.014850
	-0.010096					
y12	0.034593	0.023014	-0.008291	-0.001345	0.000621	-0.000564
	0.021508	-0.010155	-0.023888	-0.016582	-0.000484	-0.020218
	-0.032574	-0.030837	0.002786	-0.013213	-0.018109	0.008890
	0.001287	-0.012402	0.023171	0.005470	0.022776	0.007729
	0.017943	-0.010355	0.014218	0.020903	-0.007989	0.015618
	0.006770					
z12	-0.037720	0.001030	0.028126	-0.005428	-0.010288	-0.007956
	-0.000956	-0.010004	-0.015304	0.007423	-0.009051	0.052144
	0.000628	-0.007247	-0.015846	0.013217	-0.012945	0.019715
	0.010847	-0.003235	0.003635	0.015677	0.003367	-0.003807
	-0.001602	-0.022658	0.008178	-0.004388	0.021201	0.002358
	-0.006475					
x13	-0.000224	-0.020850	0.013260	0.004136	0.018004	-0.004683
	0.008501	-0.009792	0.019423	-0.012381	0.004135	0.020588
	-0.008174	-0.037434	0.007631	0.005517	-0.009465	0.000392
	-0.002270	0.019194	0.005639	-0.001461	-0.023937	-0.001353
	-0.004411	-0.005376	0.005387	0.017403	-0.008022	0.007506
	0.005005					
y13	0.031608	0.023137	-0.007319	-0.001707	0.002580	-0.000937
	0.019620	-0.012936	-0.026990	-0.014813	0.002961	-0.012889
	-0.034437	-0.035567	0.001285	-0.012538	-0.019372	0.010384
	0.000061	-0.011154	0.025264	0.006763	0.021619	0.009691
	0.019229	-0.009261	0.011383	0.020192	-0.011524	0.020464
	0.006797					
z13	-0.039293	-0.000151	0.027250	-0.004519	-0.010381	-0.007480
	-0.002510	-0.009724	-0.013661	0.007406	-0.007832	0.052955
	0.001404	-0.003843	-0.018379	0.010545	-0.010185	0.020543
	0.012600	0.001543	0.006887	0.018117	0.005733	-0.002028
	-0.001626	-0.025369	0.006938	-0.005666	0.021338	0.000333
	-0.000317					

x14	-0.001246	-0.022206	0.014979	0.002692	0.019117	-0.003036
	0.009758	-0.009621	0.017979	-0.015207	0.003654	0.019103
	-0.007998	-0.033837	0.006911	0.006608	-0.006755	-0.001989
	-0.000624	0.016739	0.004274	0.000356	-0.031404	0.003521
	-0.006401	-0.005487	0.000524	0.017342	-0.008669	0.001249
	0.007461					
y14	0.028969	0.023176	-0.006671	-0.001963	0.004264	-0.001215
	0.017462	-0.015504	-0.028629	-0.013392	0.005912	-0.006001
	-0.035230	-0.039947	-0.000620	-0.012360	-0.018790	0.011598
	0.000984	-0.008899	0.027344	0.007259	0.019355	0.010255
	0.020246	-0.009542	0.010394	0.023295	-0.012489	0.022783
	0.012574					
z14	-0.040821	-0.001757	0.026765	-0.004396	-0.010663	-0.006850
	-0.003650	-0.009147	-0.012218	0.006959	-0.007594	0.052100
	0.002644	-0.000457	-0.020622	0.008722	-0.008200	0.022084
	0.012164	0.004518	0.009531	0.019378	0.007916	0.001241
	-0.000594	-0.026644	0.003651	-0.009702	0.019692	-0.000033
	-0.000785					
x15	-0.002140	-0.023584	0.017646	0.002064	0.019849	-0.000727
	0.011834	-0.011400	0.017171	-0.017397	0.003904	0.018907
	-0.008673	-0.029800	0.006735	0.005357	-0.007045	-0.004146
	-0.000481	0.013414	0.000050	0.001275	-0.035015	0.006209
	-0.006741	-0.003002	-0.003644	0.011904	-0.009146	0.001490
	0.004097					
y15	0.026396	0.023287	-0.006498	-0.002636	0.005532	-0.001704
	0.015342	-0.016583	-0.030294	-0.013533	0.008179	-0.000304
	-0.035549	-0.043494	-0.002882	-0.011817	-0.016825	0.011924
	0.002967	-0.006615	0.030527	0.007815	0.015744	0.010278
	0.022018	-0.010662	0.009737	0.028444	-0.011987	0.022070
	0.021219					
z15	-0.042052	-0.003697	0.027207	-0.004093	-0.011004	-0.005497
	-0.004144	-0.008906	-0.009432	0.006037	-0.007378	0.050498
	0.003442	0.002761	-0.022439	0.005635	-0.007197	0.023440
	0.011257	0.005633	0.009279	0.019442	0.011741	0.003039
	0.000591	-0.025589	0.001043	-0.012416	0.019161	0.000401
	-0.003471					
x16	-0.002099	-0.025366	0.019889	0.000837	0.020087	0.001353
	0.012490	-0.012166	0.015523	-0.020150	0.001519	0.016798
	-0.006360	-0.028550	0.006954	0.006160	-0.005264	-0.003901
	0.001483	0.013475	-0.000785	0.000650	-0.041939	0.009220
	-0.006923	-0.002041	-0.002873	0.009964	-0.008275	-0.000185
	0.005630					

y16	0.023528	0.023682	-0.005612	-0.002882	0.006396	-0.001796
	0.013488	-0.018375	-0.030039	-0.013321	0.010903	0.004781
	-0.036035	-0.043996	-0.005429	-0.012736	-0.014775	0.012075
	0.002184	-0.007213	0.031964	0.007918	0.015170	0.010950
	0.023794	-0.010794	0.005066	0.028399	-0.010693	0.022079
	0.022854					
z16	-0.043106	-0.005644	0.027493	-0.003465	-0.011655	-0.004252
	-0.003953	-0.007171	-0.007972	0.004221	-0.007772	0.047702
	0.003086	0.007297	-0.021924	0.005722	-0.005277	0.022691
	0.009920	0.007860	0.008776	0.019941	0.011994	0.004419
	0.001391	-0.025147	-0.000870	-0.013286	0.019726	-0.000940
	-0.003934					
x17	-0.002675	-0.026756	0.021725	-0.000529	0.019884	0.002661
	0.014248	-0.014307	0.013995	-0.022829	0.001467	0.015739
	-0.006539	-0.025589	0.006340	0.005334	-0.002899	-0.004820
	0.002536	0.015076	-0.002165	-0.000341	-0.045987	0.009298
	-0.006726	-0.002313	-0.004095	0.004527	-0.012266	-0.003259
	0.006098					
y17	0.020552	0.023876	-0.004835	-0.003222	0.006836	-0.001712
	0.012212	-0.019408	-0.029359	-0.013569	0.012755	0.008661
	-0.035660	-0.043222	-0.007944	-0.013987	-0.011974	0.012824
	0.000988	-0.008762	0.033547	0.007372	0.013175	0.011762
	0.025809	-0.010155	0.000932	0.028082	-0.008762	0.020378
	0.022896					
z17	-0.044176	-0.007468	0.028000	-0.003055	-0.012667	-0.003157
	-0.002891	-0.006476	-0.005404	0.002857	-0.008461	0.044456
	0.002491	0.011171	-0.022364	0.006675	-0.003948	0.022800
	0.008995	0.010209	0.008063	0.018202	0.013509	0.003423
	0.001434	-0.025390	-0.002717	-0.013499	0.019174	-0.003600
	-0.004302					
x18	-0.003331	-0.027636	0.023187	-0.001354	0.018682	0.004432
	0.016199	-0.015072	0.013465	-0.023451	0.001458	0.013853
	-0.005040	-0.022335	0.006042	0.003977	-0.001517	-0.005475
	0.000604	0.016857	-0.006293	-0.000810	-0.048441	0.013476
	-0.007445	-0.001377	-0.009989	-0.003117	-0.018455	0.000059
	-0.000516					
y18	0.017510	0.024210	-0.004538	-0.004146	0.006350	-0.001520
	0.010559	-0.019537	-0.027464	-0.015347	0.014011	0.011089
	-0.034867	-0.042189	-0.010440	-0.014451	-0.006381	0.012294
	0.002214	-0.010586	0.036156	0.006346	0.011398	0.012049
	0.027776	-0.010142	-0.002143	0.029762	-0.006130	0.014312
	0.026625					

z18	-0.045378	-0.009585	0.028650	-0.002248	-0.014325	-0.001660
	-0.001393	-0.004344	-0.002006	0.001974	-0.009246	0.040620
	0.002999	0.015139	-0.021650	0.006941	-0.002910	0.021660
	0.005627	0.012614	0.004204	0.016938	0.015093	0.006096
	0.001151	-0.022458	-0.010356	-0.013682	0.015666	-0.002025
	-0.012110					
x19	-0.002006	-0.028132	0.024650	-0.001642	0.018306	0.006581
	0.015861	-0.015192	0.011568	-0.022803	0.004257	0.013450
	-0.005826	-0.016248	0.008284	0.002945	-0.000890	-0.007653
	0.001570	0.022531	-0.007968	0.002382	-0.048670	0.009697
	-0.004887	-0.006865	-0.005214	-0.010091	-0.015852	-0.003836
	0.001076					
y19	0.013503	0.024528	-0.002923	-0.004330	0.005638	-0.001596
	0.009305	-0.020206	-0.024857	-0.016544	0.013912	0.011881
	-0.034002	-0.039480	-0.011822	-0.015533	-0.002021	0.010620
	-0.002667	-0.018451	0.036472	0.003859	0.008494	0.013951
	0.028856	-0.007296	-0.008693	0.025767	-0.003003	0.011781
	0.024018					
z19	-0.044549	-0.011344	0.029391	-0.000152	-0.014403	0.000318
	-0.000912	-0.001252	0.000512	0.003555	-0.008607	0.038218
	0.000902	0.022721	-0.016929	0.008970	-0.004702	0.017587
	0.005332	0.017423	0.000706	0.018066	0.016587	-0.001498
	0.001679	-0.028367	-0.007833	-0.009595	0.026383	-0.009739
	-0.012485					
x20	-0.001070	-0.029668	0.025777	-0.002626	0.017077	0.008501
	0.018235	-0.015842	0.010013	-0.022849	0.004731	0.011103
	-0.004021	-0.014468	0.008480	0.001825	-0.000013	-0.004021
	0.003805	0.026936	-0.009017	0.003737	-0.048310	0.008646
	-0.004837	-0.007049	-0.005678	-0.017273	-0.022320	-0.003001
	0.003380					
y20	0.009816	0.024562	-0.002077	-0.004441	0.004927	-0.001143
	0.008833	-0.021279	-0.021465	-0.017172	0.013924	0.012709
	-0.031192	-0.035013	-0.015415	-0.017423	0.002652	0.012174
	-0.006049	-0.025562	0.037259	0.001008	0.008279	0.014829
	0.030175	-0.005709	-0.017774	0.020252	0.001554	0.008184
	0.019128					
z20	-0.044471	-0.014057	0.029759	0.000595	-0.015803	0.002026
	0.002053	0.001175	0.002949	0.002870	-0.010220	0.032070
	0.001557	0.025820	-0.014950	0.012046	-0.004937	0.018648
	0.005691	0.020061	-0.001661	0.015711	0.016388	-0.005157
	0.000332	-0.026569	-0.009295	-0.003277	0.028653	-0.014372
	-0.010470					

x21	0.000638	-0.030007	0.027778	-0.002142	0.015332	0.011132
	0.018568	-0.013845	0.007686	-0.023279	0.005829	0.008506
	-0.001329	-0.009806	0.010736	-0.001946	-0.000043	-0.005690
	0.006506	0.022062	-0.010128	0.003980	-0.045635	0.006241
	-0.005956	-0.003304	-0.000937	-0.019187	-0.018603	-0.010803
	0.000946					
y21	0.005795	0.020176	0.002281	-0.005686	0.003372	-0.001973
	0.010034	-0.018793	-0.021329	-0.008673	0.010574	0.012187
	-0.025891	-0.034750	-0.016025	-0.012510	0.002125	0.013866
	-0.004553	-0.015330	0.035842	-0.001885	0.002004	0.012558
	0.029552	-0.019600	-0.016759	0.016406	0.004005	0.002661
	0.005589					
z21	-0.044094	-0.016119	0.031461	-0.001759	-0.017543	0.005014
	0.003269	0.002004	0.006815	0.001974	-0.010846	0.024469
	0.004028	0.030843	-0.007044	0.011116	-0.006607	0.016911
	0.002483	0.021503	-0.007148	0.017296	0.006702	-0.006190
	0.000471	-0.027958	-0.001135	-0.005525	0.019337	-0.006533
	0.000106					
x22	0.002288	-0.029955	0.028178	-0.002537	0.014388	0.012683
	0.019639	-0.013817	0.005275	-0.024331	0.006703	0.005336
	-0.002151	-0.007307	0.013336	-0.001813	-0.000022	-0.005683
	0.003032	0.013476	-0.007427	0.004550	-0.042468	0.004103
	-0.008849	0.002083	-0.001492	-0.019199	-0.013388	-0.013392
	-0.004834					
y22	0.002264	0.015601	0.004838	-0.006886	0.003005	-0.001340
	0.010930	-0.017527	-0.019429	-0.004068	0.009154	0.012068
	-0.021415	-0.032107	-0.016092	-0.010621	0.004448	0.015763
	-0.003977	-0.008350	0.032678	-0.005429	-0.000840	0.010419
	0.031319	-0.026545	-0.018801	0.013424	0.009235	0.000893
	-0.002985					
z22	-0.043667	-0.018515	0.031572	-0.003444	-0.018126	0.008140
	0.004903	0.002344	0.010315	-0.002771	-0.010201	0.017225
	0.004975	0.036062	-0.000362	0.007752	-0.005120	0.014283
	-0.000813	0.019039	-0.011655	0.017905	-0.000072	-0.006064
	-0.000087	-0.019941	0.002022	-0.002400	0.013452	0.000483
	0.011615					
x23	0.003080	-0.030370	0.028318	-0.002454	0.012522	0.013274
	0.021234	-0.013064	0.001746	-0.027585	0.005339	0.000170
	-0.001088	-0.006870	0.015208	-0.001093	0.001336	-0.008125
	-0.000488	0.003740	-0.005342	0.006740	-0.041198	0.008365
	-0.013664	0.015839	0.002071	-0.016610	-0.015216	-0.015488
	-0.000849					

y23	-0.002198	0.011285	0.007331	-0.008935	0.001270	-0.001633
	0.012579	-0.017462	-0.021015	-0.002043	0.006184	0.009361
	-0.018851	-0.030643	-0.014585	-0.005025	0.005959	0.014782
	-0.007257	-0.004237	0.030803	-0.007087	-0.005859	0.014330
	0.028469	-0.024781	-0.019170	0.009490	0.005640	0.002530
	-0.005795					
z23	-0.042180	-0.020300	0.031861	-0.005287	-0.018018	0.009803
	0.006195	0.003241	0.011215	-0.006191	-0.009654	0.010094
	0.004782	0.039277	0.005314	0.006557	-0.003904	0.012027
	-0.003945	0.017923	-0.013641	0.019227	-0.004619	-0.005790
	-0.002941	-0.012753	0.007589	-0.001675	0.007411	0.005552
	0.019831					
x24	0.005413	-0.029423	0.027510	-0.001082	0.011423	0.012194
	0.023195	-0.011525	-0.001000	-0.027309	0.004569	-0.004505
	0.000052	-0.006073	0.014597	-0.000234	0.001408	-0.008410
	-0.002734	-0.002294	-0.002143	0.010393	-0.036217	0.009197
	-0.018601	0.021793	0.005551	-0.015459	-0.015280	-0.017384
	-0.002718					
y24	-0.005163	0.007596	0.008859	-0.009751	-0.000500	-0.001472
	0.013210	-0.016697	-0.019983	-0.001868	0.003545	0.006048
	-0.014771	-0.028751	-0.014138	-0.003803	0.008120	0.013401
	-0.005824	-0.003438	0.027336	-0.006302	-0.005020	0.016756
	0.025145	-0.022128	-0.018818	0.009897	0.003040	0.004623
	-0.008839					
z24	-0.039060	-0.021754	0.032029	-0.005782	-0.016636	0.011088
	0.006783	0.004209	0.013720	-0.008457	-0.008205	0.004544
	0.005853	0.040576	0.009280	0.002929	-0.001753	0.009388
	-0.003979	0.017848	-0.015671	0.020462	-0.005011	-0.007604
	-0.006933	-0.007371	0.012100	0.000364	0.004478	0.007625
	0.022178					
x25	0.009084	-0.028186	0.025737	0.001015	0.011964	0.011058
	0.025071	-0.009363	-0.002323	-0.025399	0.005437	-0.007539
	0.001873	-0.005028	0.013906	-0.001476	0.002822	-0.009181
	-0.006048	-0.002961	-0.000723	0.014341	-0.029006	0.006144
	-0.020518	0.022207	0.011141	-0.020495	-0.012052	-0.017681
	-0.000658					
y25	-0.005163	0.003887	0.008763	-0.009594	0.000432	-0.000321
	0.011788	-0.016192	-0.016409	0.001949	0.001040	0.004273
	-0.008709	-0.028563	-0.015015	-0.004927	0.008990	0.013854
	-0.000835	0.000493	0.025213	-0.004747	0.000039	0.013513
	0.026351	-0.029577	-0.011644	0.007477	0.006096	0.004614
	-0.013927					

z25	-0.035248	-0.022788	0.032427	-0.005503	-0.014121	0.011607
	0.007820	0.005164	0.016122	-0.009766	-0.006548	-0.000313
	0.007617	0.039253	0.012391	0.000416	0.001107	0.006431
	-0.004319	0.018052	-0.014904	0.019723	-0.006293	-0.009703
	-0.012380	-0.004140	0.016422	-0.000562	0.002987	0.006829
	0.021822					
x26	0.012326	-0.026341	0.023205	0.002615	0.013640	0.007922
	0.027111	-0.007218	-0.003831	-0.025055	0.006227	-0.011865
	0.004566	-0.006019	0.012844	-0.001772	0.005875	-0.009950
	-0.012698	-0.003028	-0.000581	0.013525	-0.024614	0.004439
	-0.024951	0.028805	0.014209	-0.021638	-0.011290	-0.015367
	0.000515					
y26	-0.006121	0.002313	0.008107	-0.010882	0.002878	-0.000440
	0.011905	-0.015673	-0.012404	0.000064	0.002236	-0.000232
	-0.008446	-0.025657	-0.015343	-0.003253	0.013412	0.010102
	-0.001339	0.001774	0.021698	-0.004395	-0.002605	0.015028
	0.024305	-0.025857	-0.007030	0.006488	0.001237	0.007330
	-0.017225					
z26	-0.030313	-0.023333	0.032840	-0.005260	-0.010411	0.011364
	0.008350	0.005652	0.017397	-0.010914	-0.004038	-0.004320
	0.009181	0.037431	0.013909	-0.001528	0.004392	0.004395
	-0.004794	0.018573	-0.011433	0.018198	-0.005054	-0.013535
	-0.018242	-0.002443	0.022374	-0.001586	0.005583	0.003797
	0.014963					
x27	0.015917	-0.024727	0.020118	0.004293	0.015002	0.005163
	0.028990	-0.005122	-0.005102	-0.024561	0.005791	-0.016842
	0.008794	-0.007315	0.012865	-0.001736	0.009832	-0.011535
	-0.019492	-0.001135	-0.000487	0.013509	-0.018328	0.002218
	-0.028809	0.033481	0.016443	-0.025481	-0.008990	-0.013810
	0.008652					
y27	-0.005896	-0.000879	0.007604	-0.012931	0.001368	0.000902
	0.011869	-0.016132	-0.013232	-0.004559	0.003137	-0.006027
	-0.004842	-0.022911	-0.008235	0.002179	0.015296	0.005817
	0.001293	0.003660	0.016299	-0.004940	-0.000843	0.014227
	0.025112	-0.019527	-0.010578	0.004105	-0.001609	0.004568
	-0.001392					
z27	-0.024309	-0.023747	0.033369	-0.004115	-0.006155	0.010026
	0.008950	0.006007	0.016903	-0.010813	-0.001166	-0.007840
	0.011785	0.034131	0.013696	-0.003127	0.007169	0.002468
	-0.005316	0.020958	-0.006811	0.015772	0.001154	-0.018144
	-0.027418	-0.001701	0.030198	-0.002508	0.008931	-0.001339
	0.007769					

x28	0.019654	-0.022567	0.016558	0.007011	0.017028	0.001020
	0.030300	-0.003345	-0.005645	-0.023396	0.004627	-0.021178
	0.012849	-0.006850	0.011397	-0.003029	0.014480	-0.014081
	-0.029780	0.001637	-0.001607	0.011811	-0.008873	0.000010
	-0.033440	0.037553	0.018114	-0.028582	-0.006740	-0.007678
	0.013843					
y28	-0.006153	-0.002720	0.008248	-0.014815	-0.000667	0.000492
	0.009927	-0.017984	-0.013975	-0.010075	0.000845	-0.011499
	-0.001243	-0.020675	-0.002112	0.006371	0.016494	0.001945
	0.000181	0.000426	0.012383	-0.005760	0.001948	0.013753
	0.021526	-0.013261	-0.009217	0.007837	-0.008428	0.009976
	0.011910					
z28	-0.017261	-0.023690	0.033664	-0.002754	-0.000264	0.008033
	0.009614	0.006744	0.016444	-0.010133	0.002400	-0.010810
	0.014015	0.028332	0.011316	-0.004452	0.011076	0.000775
	-0.004428	0.024955	0.000429	0.013051	0.009225	-0.024349
	-0.037681	-0.002068	0.039517	-0.003090	0.014297	-0.009919
	-0.003815					
x29	0.023504	-0.020018	0.012012	0.010301	0.019633	-0.003848
	0.032666	-0.001099	-0.005220	-0.021920	0.003006	-0.026180
	0.017592	-0.008153	0.009609	-0.006740	0.019969	-0.015768
	-0.041494	0.006134	-0.003724	0.009023	0.001977	-0.002302
	-0.038453	0.041854	0.021063	-0.035475	-0.004618	-0.000964
	0.017412					
y29	-0.006594	-0.003504	0.008071	-0.015975	-0.000285	0.001056
	0.009847	-0.024585	-0.012347	-0.009085	-0.004963	-0.017089
	0.002820	-0.017504	-0.002488	0.004928	0.015448	0.001617
	-0.004862	0.000051	0.009077	-0.005858	0.015091	0.010847
	0.011135	-0.009779	-0.000134	-0.000013	-0.017175	0.023467
	-0.003631					
z29	-0.008942	-0.023364	0.034333	-0.001225	0.006705	0.006126
	0.010376	0.007488	0.015855	-0.009331	0.007688	-0.012536
	0.014137	0.020912	0.010286	-0.004384	0.015534	-0.000307
	-0.000863	0.026451	0.006449	0.008955	0.015371	-0.032427
	-0.043161	-0.002832	0.039585	-0.009048	0.025501	-0.021550
	-0.021884					
x30	0.023633	-0.016242	0.008638	0.010445	0.015384	-0.002434
	0.033970	0.001455	0.000388	-0.018865	0.001020	-0.026440
	0.012680	-0.004841	0.003027	-0.003630	0.021775	-0.011410
	-0.041250	0.001909	-0.012797	-0.002154	-0.002370	-0.003575
	-0.026206	0.044005	0.022079	-0.029702	-0.000023	-0.012602
	0.014149					

y30	-0.005614	-0.004773	0.008225	-0.017400	-0.000306	-0.000300
	0.012558	-0.028393	-0.013483	-0.011318	-0.011380	-0.021736
	0.006303	-0.008624	-0.007136	0.008909	0.012745	-0.002642
	-0.010542	-0.002132	0.007166	-0.006473	0.032568	0.010160
	-0.000728	-0.003767	0.010384	0.013437	-0.021580	0.018890
	-0.015403					
z30	-0.005071	-0.022067	0.032474	-0.006939	0.004365	0.004202
	0.007630	0.007119	0.011742	-0.012499	0.004987	-0.006372
	0.005139	0.012896	0.013306	-0.006168	0.007045	-0.003080
	0.004061	0.019818	0.006650	0.007590	0.017299	-0.030207
	-0.034415	-0.006579	0.025194	-0.004169	0.031790	-0.018208
	-0.027697					
x31	0.023829	-0.012793	0.004947	0.010505	0.010614	-0.001887
	0.033965	0.005076	0.005275	-0.018239	-0.000213	-0.027517
	0.006878	-0.005101	-0.000787	-0.002297	0.025081	-0.006757
	-0.033633	0.000313	-0.016910	-0.010386	-0.006636	-0.004265
	-0.015885	0.044247	0.024059	-0.023313	0.003791	-0.025201
	0.011702					
y31	-0.004052	-0.006744	0.010571	-0.013466	0.001061	0.002101
	0.022044	-0.034989	-0.011556	-0.008505	-0.015582	-0.027619
	0.008127	0.009103	-0.012875	0.012923	0.009382	-0.005707
	-0.032556	-0.010492	0.002881	-0.009467	0.035680	0.007204
	-0.011354	0.000174	0.008783	0.015634	-0.007275	0.007895
	-0.017637					
z31	-0.002376	-0.020006	0.030710	-0.010819	0.002093	0.002971
	0.004860	0.006671	0.008961	-0.015617	0.001975	-0.000315
	-0.002828	0.002548	0.017369	-0.009675	0.001598	-0.001437
	0.015114	0.010555	0.005470	0.005680	0.018099	-0.030692
	-0.022886	-0.007463	0.013676	-0.005686	0.037523	-0.009347
	-0.037468					
x32	0.024077	-0.009203	0.001382	0.010553	0.007427	-0.002814
	0.032671	0.008390	0.008157	-0.018378	-0.001391	-0.026755
	0.002613	-0.006782	-0.005179	0.002501	0.027939	-0.003292
	-0.025109	0.000930	-0.017874	-0.015221	-0.007649	-0.006307
	-0.008280	0.040172	0.028704	-0.012634	0.006279	-0.036404
	0.015373					
y32	-0.002281	-0.008556	0.011989	-0.008937	-0.000061	0.005664
	0.029955	-0.038418	-0.006391	-0.007798	-0.018224	-0.033143
	0.007820	0.020960	-0.016852	0.010697	0.009219	-0.006069
	-0.044786	-0.014846	0.002122	-0.010867	0.031903	0.005280
	-0.018654	0.004530	0.008765	0.015068	0.006519	-0.001222
	-0.021710					

z32	0.000125	-0.016985	0.028685	-0.015278	0.000603	0.001656
	0.000847	0.006567	0.002374	-0.016657	-0.000432	0.005155
	-0.007823	-0.003932	0.020130	-0.009362	-0.004577	-0.005139
	0.024847	0.004900	0.003544	0.003750	0.020884	-0.028775
	-0.014214	-0.007290	0.007529	-0.003774	0.034540	0.001253
	-0.039899					
x33	0.023826	-0.006314	-0.000843	0.011022	0.006599	-0.004988
	0.030785	0.009079	0.011055	-0.017410	-0.000287	-0.022272
	-0.000285	-0.006866	-0.009050	0.006243	0.026985	0.001688
	-0.022941	-0.001081	-0.020257	-0.017116	-0.001414	-0.006532
	-0.003371	0.035124	0.028671	-0.006503	0.009779	-0.040515
	0.010791					
y33	0.000823	-0.009167	0.011503	-0.005982	-0.001954	0.009712
	0.034954	-0.037811	-0.003848	-0.008212	-0.021201	-0.037183
	0.006808	0.029553	-0.020052	0.010006	0.010951	-0.010003
	-0.047420	-0.015175	0.002971	-0.010225	0.028178	0.004972
	-0.025069	0.006844	0.011541	0.015703	0.013089	-0.006419
	-0.018513					
z33	0.001457	-0.014400	0.028444	-0.018471	0.000376	-0.000607
	-0.001628	0.004828	-0.002865	-0.015009	0.001082	0.011905
	-0.010968	-0.008338	0.022118	-0.009631	-0.010961	-0.005240
	0.027083	0.000118	-0.000238	0.001505	0.022668	-0.026967
	-0.004111	-0.006963	0.003717	-0.001297	0.032055	0.009179
	-0.044143					
x34	0.023164	-0.004237	-0.002759	0.011546	0.005472	-0.006699
	0.028182	0.009830	0.013877	-0.017038	0.001464	-0.017634
	-0.003401	-0.006814	-0.012408	0.006900	0.024035	0.006002
	-0.019002	-0.001062	-0.020325	-0.016433	0.004379	-0.005624
	-0.003576	0.028869	0.029936	-0.001375	0.011570	-0.042611
	0.010537					
y34	0.005042	-0.008846	0.010330	-0.004007	-0.002762	0.012351
	0.037757	-0.035954	-0.003024	-0.008436	-0.020839	-0.036687
	0.005628	0.035423	-0.022632	0.011466	0.013589	-0.014047
	-0.047743	-0.015379	0.002988	-0.007407	0.026242	0.007316
	-0.026953	0.007550	0.014340	0.017831	0.017905	-0.006578
	-0.017121					
z34	0.001678	-0.012259	0.028408	-0.019196	-0.000001	-0.001179
	-0.001725	0.003800	-0.005895	-0.013084	0.002246	0.015265
	-0.012929	-0.009062	0.022736	-0.012425	-0.017733	-0.004621
	0.028254	-0.003069	-0.002864	0.000614	0.017543	-0.025613
	-0.000873	-0.008386	0.000942	0.001527	0.027097	0.012801
	-0.040879					

x35	0.022420	-0.002737	-0.003712	0.012558	0.004756	-0.008149
	0.025085	0.010087	0.016401	-0.016094	0.004074	-0.012121
	-0.006333	-0.006710	-0.015004	0.005855	0.019443	0.008693
	-0.016468	0.000204	-0.017532	-0.014337	0.012203	-0.003526
	-0.007880	0.024396	0.034685	-0.000234	0.010580	-0.038333
	0.010620					
y35	0.009836	-0.008130	0.008225	-0.002467	-0.003532	0.015049
	0.039047	-0.032383	-0.003028	-0.009103	-0.018905	-0.033394
	0.003010	0.039583	-0.024319	0.012934	0.016317	-0.017912
	-0.044071	-0.014977	0.003258	-0.002369	0.023431	0.010479
	-0.027335	0.004069	0.014579	0.021251	0.023009	-0.006639
	-0.014417					
z35	0.001820	-0.009947	0.030084	-0.017601	-0.000468	-0.001310
	-0.000364	0.003726	-0.008032	-0.009123	0.004525	0.017130
	-0.013725	-0.008687	0.021781	-0.015225	-0.022978	-0.004803
	0.023316	-0.003611	-0.003622	-0.001717	0.007813	-0.020172
	0.000411	-0.003975	0.006924	0.001035	0.014585	0.022065
	-0.033142					
x36	0.021761	-0.001811	-0.004542	0.012955	0.005144	-0.010168
	0.021796	0.010528	0.019121	-0.016093	0.007141	-0.005899
	-0.008471	-0.007721	-0.016040	0.004719	0.014938	0.010753
	-0.011413	0.002510	-0.013025	-0.010487	0.022817	-0.003647
	-0.013983	0.019316	0.037599	-0.000819	0.012268	-0.033310
	0.011254					
y36	0.015768	-0.006960	0.005569	-0.001081	-0.004324	0.017928
	0.038787	-0.026325	-0.003774	-0.009629	-0.014638	-0.027094
	-0.001044	0.041746	-0.025420	0.013771	0.020634	-0.021704
	-0.037569	-0.013272	0.003735	0.003747	0.017547	0.016327
	-0.025758	0.000481	0.015693	0.024503	0.024790	-0.003443
	-0.007263					
z36	0.001504	-0.008690	0.032445	-0.014455	-0.000710	0.000152
	0.004102	0.004248	-0.007148	-0.006053	0.006569	0.016798
	-0.011926	-0.007208	0.020504	-0.017144	-0.021453	-0.004962
	0.018326	-0.001870	-0.003812	-0.006319	-0.003104	-0.019894
	0.003869	0.001049	0.013945	-0.001052	0.006608	0.025844
	-0.025877					
x37	0.020560	-0.000418	-0.005432	0.012935	0.006995	-0.012721
	0.016974	0.010471	0.021144	-0.016677	0.010466	-0.000751
	-0.009528	-0.010698	-0.015501	0.004666	0.008602	0.012773
	-0.005930	0.007215	-0.006883	-0.002791	0.036011	-0.002585
	-0.023154	0.011698	0.037182	-0.001889	0.015807	-0.025472
	0.016423					

y37	0.023786	-0.004974	0.001672	0.000114	-0.004847	0.021991
	0.037601	-0.017920	-0.004527	-0.010494	-0.009505	-0.018628
	-0.005459	0.043233	-0.025997	0.014774	0.028913	-0.028154
	-0.026691	-0.010154	0.006389	0.010308	0.009274	0.024045
	-0.022953	-0.004762	0.015159	0.025928	0.026885	-0.000096
	0.001066					
z37	0.001783	-0.005279	0.033068	-0.009930	0.000742	0.003861
	0.008674	0.005323	-0.004076	-0.000423	0.007527	0.010639
	-0.006458	-0.002529	0.018285	-0.016173	-0.014056	-0.009504
	0.014313	0.005683	-0.002770	-0.006445	-0.015732	-0.018093
	0.003082	0.003934	0.017697	-0.003908	0.003906	0.023855
	-0.014501					
x38	0.018809	-0.000072	-0.005129	0.013495	0.009787	-0.015208
	0.010381	0.008985	0.022910	-0.018384	0.016877	0.006322
	-0.010595	-0.013033	-0.015759	0.001354	0.000562	0.015845
	0.000639	0.012148	0.001731	0.009945	0.053333	0.000910
	-0.034351	0.002697	0.038061	-0.001888	0.016747	-0.013014
	0.022052					
y38	0.030617	-0.001530	-0.003138	0.001127	-0.006061	0.023506
	0.035319	-0.010008	-0.006518	-0.011357	-0.001174	-0.010067
	-0.007938	0.040511	-0.027340	0.017891	0.034355	-0.035878
	-0.010051	-0.005090	0.007844	0.020069	-0.002471	0.033623
	-0.016479	-0.014777	0.015848	0.028705	0.028355	0.009919
	0.007815					
z38	-0.002838	-0.000769	0.033713	-0.004809	0.002142	0.003731
	0.012332	0.004738	-0.001727	0.005594	0.009699	-0.001858
	0.002110	-0.004905	0.016150	-0.014169	-0.011001	-0.010150
	0.009930	0.012687	-0.008207	-0.002806	-0.032993	-0.015465
	0.010905	0.008893	0.018124	-0.009198	-0.002065	0.030315
	-0.010165					
x39	0.018883	0.000449	-0.005480	0.010338	0.009689	-0.016255
	0.010197	0.005592	0.025349	-0.016930	0.021936	0.003670
	-0.010367	-0.013487	-0.010605	0.001558	-0.000944	0.017285
	0.001117	0.013276	-0.002857	0.007894	0.052453	-0.000917
	-0.022067	0.005729	0.040810	-0.000639	0.015013	-0.004812
	0.027215					
y39	0.031735	-0.000441	-0.004744	0.000796	-0.005683	0.020764
	0.035650	-0.012297	-0.001786	-0.010417	-0.000849	-0.014438
	-0.004121	0.032869	-0.022570	0.019164	0.027597	-0.030083
	-0.007930	-0.004083	0.004725	0.020400	-0.006770	0.035990
	-0.006219	-0.019252	0.013108	0.025640	0.033304	0.014755
	0.006740					

z39	-0.005742	0.001190	0.035416	-0.003517	0.001667	0.003894
	0.012008	0.004208	-0.004411	0.008627	0.009692	0.000226
	0.001562	-0.003086	0.012613	-0.010718	-0.003617	-0.013967
	0.007250	0.012591	-0.012397	-0.001637	-0.031878	-0.016446
	0.014783	0.005388	0.014771	-0.006835	-0.006917	0.026081
	-0.009644					
x40	0.018896	0.000465	-0.005656	0.007650	0.009720	-0.017186
	0.009743	0.002917	0.027807	-0.015627	0.026149	0.002417
	-0.010248	-0.013980	-0.006518	0.002458	-0.001837	0.017416
	0.001876	0.013396	-0.006846	0.005426	0.051033	-0.002209
	-0.013296	0.007476	0.042325	0.000436	0.012209	0.001283
	0.031235					
y40	0.033076	0.000932	-0.005776	0.000561	-0.005392	0.018377
	0.035656	-0.014179	0.001525	-0.009452	-0.001170	-0.018395
	-0.001542	0.026689	-0.017455	0.020162	0.022131	-0.024744
	-0.005231	-0.002944	0.003866	0.021259	-0.010326	0.037940
	0.003010	-0.022467	0.011579	0.023492	0.036793	0.018410
	0.007040					
z40	-0.007847	0.002670	0.036920	-0.003543	0.000740	0.003931
	0.011304	0.002813	-0.008218	0.010097	0.008743	0.002879
	-0.000933	0.000170	0.010310	-0.007066	0.003614	-0.018021
	0.006413	0.013113	-0.014530	0.000354	-0.030358	-0.016564
	0.016149	0.003676	0.013222	-0.001429	-0.010010	0.019121
	-0.005747					
x41	0.018659	0.000220	-0.005684	0.005831	0.009611	-0.018258
	0.009247	0.000549	0.029506	-0.013850	0.029119	0.002617
	-0.011002	-0.015295	-0.004281	0.004783	-0.002380	0.016988
	0.001871	0.013120	-0.010497	0.003487	0.047917	-0.002662
	-0.007564	0.007613	0.042934	0.000377	0.009743	0.004596
	0.031398					
y41	0.034843	0.002568	-0.006503	0.000273	-0.005077	0.016481
	0.034822	-0.015266	0.004130	-0.009131	-0.002594	-0.021803
	0.000129	0.021693	-0.013888	0.019947	0.015849	-0.021043
	-0.002514	-0.003496	0.003641	0.021191	-0.012279	0.039369
	0.009243	-0.024930	0.009692	0.021297	0.039682	0.020462
	0.006472					
z41	-0.009273	0.003793	0.037735	-0.004136	0.000194	0.003978
	0.009341	0.001100	-0.010689	0.010241	0.004600	0.006472
	-0.001542	0.002296	0.005848	-0.004322	0.006244	-0.023303
	0.005761	0.010617	-0.016315	-0.000130	-0.027477	-0.015748
	0.013898	-0.000115	0.008661	0.003230	-0.008860	0.012329
	-0.004700					

x42	0.017923	-0.000143	-0.005924	0.004997	0.010122	-0.019098
	0.008586	-0.001319	0.031279	-0.012761	0.030617	0.003326
	-0.011582	-0.015961	-0.001189	0.005853	-0.003200	0.015199
	0.001875	0.012637	-0.013330	0.001175	0.044825	-0.004704
	-0.000321	0.007818	0.041287	0.001196	0.006318	0.007150
	0.032724					
y42	0.036944	0.004399	-0.007101	0.000222	-0.004632	0.014910
	0.033960	-0.015741	0.005972	-0.008666	-0.003815	-0.025232
	0.000065	0.017806	-0.010467	0.017921	0.010132	-0.018170
	0.000039	-0.004964	0.003531	0.021607	-0.012982	0.039957
	0.013851	-0.025067	0.010045	0.017830	0.040513	0.021094
	0.004038					
z42	-0.009649	0.005433	0.037880	-0.005113	-0.000202	0.002648
	0.007804	-0.001528	-0.011229	0.011938	0.002392	0.008638
	-0.001194	0.002125	0.002278	-0.001738	0.007799	-0.026500
	0.005590	0.007018	-0.018158	0.001547	-0.026876	-0.012596
	0.012235	-0.001829	0.008591	0.005264	-0.009432	0.007559
	-0.007903					
x43	0.016928	-0.000504	-0.006311	0.004816	0.010789	-0.019964
	0.007566	-0.002674	0.032368	-0.011890	0.031370	0.003788
	-0.012839	-0.016358	0.002690	0.005251	-0.003836	0.012670
	0.001396	0.012210	-0.014509	-0.000283	0.042887	-0.007339
	0.006187	0.008278	0.037804	0.001917	0.002275	0.009809
	0.033219					
y43	0.039236	0.006351	-0.007342	0.000702	-0.004293	0.013584
	0.032856	-0.014356	0.006711	-0.008566	-0.005245	-0.029268
	-0.001366	0.015031	-0.006467	0.014635	0.005222	-0.015867
	0.002441	-0.005712	0.004635	0.020980	-0.011947	0.038770
	0.017977	-0.023352	0.010758	0.013944	0.039706	0.020162
	0.002750					
z43	-0.009723	0.007348	0.037793	-0.005569	-0.000532	0.000504
	0.006868	-0.002578	-0.010432	0.014037	-0.000387	0.008934
	0.000622	0.000524	0.000124	0.001595	0.007141	-0.027521
	0.006054	0.004097	-0.018287	0.001930	-0.026973	-0.009944
	0.011799	-0.004405	0.009132	0.007564	-0.007860	0.002348
	-0.007746					
x44	0.015808	-0.000515	-0.006764	0.005091	0.011731	-0.021170
	0.006542	-0.003685	0.032279	-0.010639	0.030711	0.004261
	-0.015514	-0.017354	0.006750	0.005013	-0.004980	0.009782
	0.000281	0.011577	-0.014162	-0.002332	0.041623	-0.010314
	0.011723	0.007311	0.031974	0.000533	-0.002042	0.009962
	0.030549					

y44	0.041663	0.008508	-0.007194	0.001717	-0.003774	0.012470
	0.031366	-0.011534	0.005906	-0.008499	-0.006768	-0.033094
	-0.004163	0.013367	-0.002829	0.009833	0.001541	-0.013768
	0.004421	-0.005513	0.007904	0.019947	-0.009377	0.035498
	0.019356	-0.019997	0.011997	0.009774	0.036291	0.017580
	0.000646					
z44	-0.009851	0.009329	0.037307	-0.005561	-0.000611	-0.002582
	0.006060	-0.002795	-0.009142	0.015944	-0.001911	0.009974
	0.002563	-0.001155	-0.002123	0.004090	0.006145	-0.027173
	0.006603	0.001855	-0.016904	0.002653	-0.026528	-0.008887
	0.009514	-0.006264	0.009304	0.011905	-0.006628	-0.002901
	-0.006342					
x45	0.014134	0.000037	-0.007467	0.006009	0.012780	-0.023168
	0.006320	-0.004413	0.030818	-0.006944	0.028601	0.005106
	-0.019432	-0.020151	0.010115	0.007722	-0.006389	0.006718
	-0.001068	0.012308	-0.010796	-0.002614	0.038855	-0.014144
	0.013674	0.002368	0.023234	-0.005218	-0.007941	0.005923
	0.024964					
y45	0.044300	0.010994	-0.006260	0.002702	-0.003143	0.011565
	0.029396	-0.007429	0.003330	-0.009059	-0.009299	-0.037847
	-0.008205	0.012144	0.000739	0.003121	-0.002176	-0.012390
	0.004810	-0.005285	0.012180	0.016747	-0.005684	0.030345
	0.017709	-0.013736	0.015934	0.002416	0.030343	0.013355
	-0.002759					
z45	-0.009990	0.011263	0.036885	-0.005879	-0.000420	-0.006201
	0.004922	-0.002477	-0.007196	0.015115	-0.002984	0.010237
	0.004510	-0.003482	-0.002896	0.004125	0.004487	-0.027183
	0.005089	-0.002065	-0.017219	0.000892	-0.025117	-0.009074
	0.006672	-0.004565	0.011555	0.013350	-0.005973	-0.007677
	-0.003732					
x46	0.012326	-0.000084	-0.008172	0.007746	0.014168	-0.024679
	0.006028	-0.004701	0.030017	-0.003179	0.025766	0.006906
	-0.022420	-0.023511	0.012124	0.010547	-0.007458	0.002937
	-0.002357	0.012731	-0.006768	-0.003635	0.035384	-0.017325
	0.013040	-0.003609	0.014629	-0.009441	-0.014723	0.001075
	0.020887					
y46	0.046972	0.013517	-0.004656	0.004210	-0.003064	0.011281
	0.027207	-0.002324	-0.000252	-0.010301	-0.012195	-0.042285
	-0.013024	0.012238	0.003067	-0.004972	-0.004173	-0.011803
	0.005351	-0.007626	0.014962	0.013774	-0.001048	0.025207
	0.014598	-0.006314	0.020708	-0.005282	0.024451	0.007627
	-0.007408					

z46	-0.010894	0.012932	0.036032	-0.005777	-0.000638	-0.009823
	0.004702	-0.001838	-0.005221	0.013906	-0.003362	0.011065
	0.006000	-0.004907	-0.003329	0.004522	0.003733	-0.026910
	0.003653	-0.007005	-0.018990	0.000592	-0.023159	-0.008760
	0.003544	-0.003764	0.011472	0.012905	-0.004771	-0.013005
	-0.002633					
x47	0.016221	0.006220	-0.016065	0.002101	0.016712	-0.033760
	-0.007592	0.011638	0.022103	0.002550	0.025467	0.003942
	-0.028081	-0.035651	0.020156	-0.006206	-0.039403	0.011407
	0.011222	0.035718	0.014396	-0.008007	0.052180	-0.018707
	0.022830	-0.002090	0.002899	-0.000749	-0.009759	-0.002353
	0.034681					
y47	0.048780	0.017359	-0.002642	0.014736	-0.005827	0.010344
	0.033142	0.006411	-0.013340	-0.008453	-0.018087	-0.038801
	-0.021798	0.016373	0.012078	0.004730	0.025973	0.004780
	-0.018323	0.007086	0.010961	0.013170	-0.004380	0.013918
	0.016104	0.008370	-0.006181	-0.026324	0.009915	-0.020344
	-0.011945					
z47	-0.014038	0.024184	0.038799	-0.008993	0.001171	-0.023834
	0.008664	-0.011630	0.002813	0.006026	-0.010543	0.015698
	0.021369	-0.036677	-0.022807	-0.007859	0.008471	-0.019741
	0.000018	-0.005782	-0.010352	-0.017331	-0.045468	-0.020902
	0.003871	-0.033497	-0.000097	-0.023143	0.018992	0.007660
	-0.030467					
x48	0.015726	0.005388	-0.014168	0.003791	0.015523	-0.032485
	-0.007357	0.010902	0.023334	0.001564	0.023914	0.003850
	-0.028192	-0.038217	0.022145	-0.007263	-0.039293	0.011697
	0.007023	0.032298	0.014778	-0.009599	0.047611	-0.016935
	0.020695	-0.004865	0.004415	0.000144	-0.009868	0.004508
	0.032505					
y48	0.048506	0.018400	-0.002587	0.011977	-0.004478	0.008845
	0.031870	0.006383	-0.013081	-0.008581	-0.017179	-0.041774
	-0.022742	0.014923	0.011207	0.003650	0.023891	0.003164
	-0.016800	0.004748	0.011429	0.010013	-0.003199	0.012574
	0.015845	0.008485	-0.005356	-0.024584	0.008649	-0.022631
	-0.002713					
z48	-0.014964	0.023910	0.038093	-0.009924	0.000064	-0.023978
	0.005853	-0.009756	0.002106	0.007871	-0.011683	0.014377
	0.020167	-0.035004	-0.026323	-0.007765	0.008890	-0.021516
	-0.000217	-0.006234	-0.013318	-0.016194	-0.039716	-0.024067
	0.005432	-0.029268	0.000836	-0.017969	0.019964	0.009594
	-0.022652					

x49	0.015216	0.004492	-0.012080	0.005318	0.014563	-0.031199
	-0.007030	0.009896	0.024181	0.000613	0.022257	0.004129
	-0.027901	-0.040504	0.023648	-0.008248	-0.039264	0.012170
	0.004212	0.029150	0.015243	-0.010745	0.043367	-0.015908
	0.018732	-0.007199	0.005793	0.001052	-0.009645	0.010035
	0.031115					
y49	0.048410	0.019490	-0.002299	0.009918	-0.003482	0.006466
	0.029542	0.006220	-0.013044	-0.007390	-0.018171	-0.044844
	-0.020895	0.008989	0.009504	0.001721	0.021287	0.004516
	-0.015057	0.003516	0.014421	0.006054	-0.001303	0.011425
	0.016537	0.007441	-0.003415	-0.020785	0.006821	-0.019572
	-0.002160					
z49	-0.016031	0.022980	0.037228	-0.011133	-0.000738	-0.023349
	0.003873	-0.008093	0.001607	0.007954	-0.012231	0.013259
	0.018721	-0.033141	-0.029059	-0.008356	0.008402	-0.023275
	-0.000448	-0.008548	-0.016533	-0.015904	-0.033832	-0.025938
	0.005925	-0.024428	0.002046	-0.012022	0.021081	0.011029
	-0.013245					
x50	0.014839	0.003479	-0.010316	0.006842	0.014069	-0.029565
	-0.007142	0.008859	0.025171	0.000794	0.021325	0.005579
	-0.028001	-0.041888	0.024997	-0.008947	-0.039575	0.012776
	0.002492	0.027344	0.015979	-0.010889	0.041227	-0.016666
	0.016887	-0.011089	0.006426	0.002084	-0.008257	0.013606
	0.027619					
y50	0.048241	0.021370	-0.002373	0.008388	-0.002765	0.005528
	0.029752	0.006044	-0.012677	-0.008936	-0.017465	-0.047068
	-0.021805	0.006641	0.008508	-0.000482	0.020327	0.001440
	-0.011320	0.005151	0.014769	0.005010	0.003945	0.008488
	0.020313	0.004369	-0.003332	-0.019543	0.008393	-0.019006
	0.001870					
z50	-0.017686	0.021972	0.036709	-0.012348	-0.001725	-0.023358
	0.002241	-0.007568	0.000343	0.007809	-0.012873	0.011853
	0.016645	-0.032681	-0.030814	-0.006904	0.006990	-0.023290
	-0.003570	-0.012391	-0.017186	-0.015136	-0.031003	-0.025571
	0.003660	-0.019640	0.003284	-0.008621	0.018203	0.013260
	-0.007309					
x51	0.014200	0.002143	-0.008400	0.007845	0.013842	-0.027811
	-0.006934	0.007388	0.025914	0.000332	0.020142	0.006352
	-0.027963	-0.043300	0.026006	-0.009209	-0.038886	0.012969
	0.000843	0.024655	0.016322	-0.011282	0.038120	-0.016599
	0.015192	-0.013280	0.007166	0.001693	-0.008140	0.017379
	0.024855					

y51	0.047864	0.022676	-0.002778	0.006392	-0.001947	0.003692
	0.029046	0.006331	-0.012593	-0.010701	-0.015240	-0.050327
	-0.023005	0.002226	0.007095	-0.002221	0.017944	0.000519
	-0.012327	0.003318	0.018428	0.004707	0.008420	0.005068
	0.023906	0.001235	-0.001384	-0.016203	0.010337	-0.015909
	0.002144					
z51	-0.019195	0.021124	0.036172	-0.012697	-0.002847	-0.022629
	0.001161	-0.008018	-0.000351	0.007173	-0.013702	0.013041
	0.015108	-0.031791	-0.031597	-0.006300	0.005384	-0.023392
	-0.003352	-0.014081	-0.019485	-0.014481	-0.027142	-0.025836
	0.001268	-0.016865	0.002721	-0.003614	0.016132	0.014713
	-0.001701					
x52	0.013571	0.000804	-0.006341	0.008924	0.013630	-0.025908
	-0.006906	0.006746	0.026274	-0.000252	0.019213	0.007876
	-0.027733	-0.044260	0.025998	-0.009652	-0.037909	0.013110
	0.000174	0.021909	0.016204	-0.011885	0.035044	-0.016285
	0.013487	-0.014339	0.007135	0.003070	-0.007552	0.019577
	0.021360					
y52	0.047819	0.024070	-0.002867	0.004483	-0.001042	0.002109
	0.027434	0.004357	-0.012361	-0.012019	-0.013989	-0.050111
	-0.023652	-0.000504	0.005135	-0.002302	0.016984	-0.000251
	-0.012851	0.002003	0.019251	0.006342	0.009127	0.000561
	0.026926	-0.001397	-0.000556	-0.015170	0.008546	-0.012124
	0.004464					
z52	-0.021059	0.019656	0.035227	-0.012736	-0.003868	-0.021575
	0.001169	-0.008275	-0.001182	0.004933	-0.013420	0.013828
	0.012730	-0.032104	-0.031341	-0.006420	0.003337	-0.023286
	-0.002769	-0.016717	-0.021023	-0.013444	-0.022394	-0.024265
	-0.001187	-0.014315	0.004598	0.001021	0.015730	0.014201
	0.001320					
x53	0.012668	-0.000723	-0.004118	0.009576	0.013625	-0.024079
	-0.006486	0.005371	0.026415	-0.000796	0.018285	0.009387
	-0.027274	-0.045374	0.026062	-0.009213	-0.037176	0.012922
	-0.000169	0.019782	0.016073	-0.011683	0.031181	-0.015882
	0.011802	-0.014974	0.006398	0.002758	-0.008137	0.020103
	0.016816					
y53	0.047463	0.025505	-0.003199	0.002943	-0.000774	0.000156
	0.026445	0.003384	-0.011693	-0.014046	-0.011818	-0.052162
	-0.024044	-0.003433	0.004138	-0.003797	0.016130	-0.000342
	-0.012608	-0.001386	0.021189	0.008635	0.011851	-0.002705
	0.027814	-0.004881	0.001621	-0.012674	0.009037	-0.006045
	0.003501					

z53	-0.022773	0.018271	0.034455	-0.012491	-0.004555	-0.019966
	0.001498	-0.009840	-0.002191	0.003026	-0.013456	0.016484
	0.009632	-0.032662	-0.030908	-0.004628	0.000415	-0.022191
	-0.002804	-0.017847	-0.021648	-0.013446	-0.018398	-0.023806
	-0.003427	-0.013718	0.006047	0.005302	0.013116	0.013372
	0.003142					
x54	0.011695	-0.002624	-0.001677	0.010117	0.013871	-0.021717
	-0.006147	0.004241	0.026717	-0.001534	0.017398	0.011195
	-0.026361	-0.045850	0.025927	-0.009469	-0.035872	0.012674
	-0.000315	0.016862	0.015057	-0.011602	0.027587	-0.015278
	0.010430	-0.014318	0.005049	0.003090	-0.008033	0.021821
	0.012676					
y54	0.047062	0.026866	-0.003793	0.001707	-0.000441	-0.002233
	0.025865	0.001570	-0.011149	-0.016455	-0.011229	-0.053566
	-0.023728	-0.009707	0.004065	-0.004844	0.013171	0.000841
	-0.013452	-0.005319	0.024309	0.011082	0.013502	-0.007218
	0.029665	-0.007775	0.006553	-0.008850	0.005979	-0.000930
	0.003363					
z54	-0.024463	0.016145	0.033532	-0.012032	-0.004916	-0.017701
	0.001448	-0.012356	-0.003005	-0.000333	-0.012671	0.020242
	0.007603	-0.032496	-0.030393	-0.004890	-0.001548	-0.020343
	-0.001413	-0.019661	-0.023157	-0.013563	-0.013077	-0.022192
	-0.004813	-0.013503	0.007653	0.009709	0.012440	0.012853
	0.001806					
x55	0.010719	-0.004298	0.000583	0.010043	0.014238	-0.019819
	-0.005498	0.002941	0.025939	-0.001075	0.016427	0.012767
	-0.025548	-0.046911	0.024310	-0.007239	-0.034446	0.013478
	0.000105	0.014176	0.015807	-0.011108	0.023654	-0.015599
	0.007372	-0.015652	0.004646	0.002645	-0.008603	0.020671
	0.007147					
y55	0.046214	0.028007	-0.004583	0.001195	0.000090	-0.002652
	0.025779	-0.002325	-0.009632	-0.019204	-0.010041	-0.053374
	-0.021678	-0.015789	0.002676	-0.008616	0.011527	0.001681
	-0.013952	-0.011344	0.023716	0.012459	0.012622	-0.010116
	0.032219	-0.012911	0.012761	-0.004579	0.004471	0.002813
	-0.001637					
z55	-0.025434	0.013822	0.032724	-0.011778	-0.006623	-0.017078
	0.001538	-0.014574	-0.006684	-0.002083	-0.012526	0.022835
	0.004581	-0.033900	-0.027925	0.001691	-0.006415	-0.016095
	-0.001872	-0.018281	-0.020140	-0.012850	-0.006732	-0.021225
	-0.008315	-0.015175	0.008006	0.009595	0.008025	0.011173
	-0.000595					

x56	0.009615	-0.006847	0.003225	0.010133	0.014633	-0.017735
	-0.005641	0.001919	0.025768	-0.001804	0.014586	0.015097
	-0.023951	-0.047648	0.021726	-0.006043	-0.032760	0.014528
	0.001465	0.010815	0.017068	-0.010290	0.019242	-0.014985
	0.006588	-0.012592	0.002412	0.002940	-0.008467	0.018679
	0.003056					
y56	0.046208	0.028429	-0.004130	0.000750	0.000323	-0.004113
	0.024150	-0.005712	-0.011116	-0.022231	-0.010903	-0.051708
	-0.022693	-0.021723	0.000401	-0.010791	0.007371	0.006110
	-0.014933	-0.012715	0.027493	0.008334	0.014852	-0.012193
	0.030846	-0.012887	0.016408	-0.005164	0.005305	0.006657
	-0.003399					
z56	-0.027767	0.012317	0.031310	-0.011778	-0.006036	-0.014741
	0.003174	-0.018117	-0.005502	-0.006991	-0.011248	0.027468
	0.003329	-0.036758	-0.026753	0.000964	-0.007995	-0.013022
	-0.000125	-0.022282	-0.020515	-0.007890	-0.003579	-0.021262
	-0.010366	-0.020664	0.014585	0.016935	0.004501	0.012029
	-0.009114					
x57	0.008730	-0.008894	0.004631	0.010173	0.014177	-0.015078
	-0.005324	0.001259	0.025865	-0.002695	0.014442	0.017332
	-0.024781	-0.046047	0.019760	-0.005423	-0.032994	0.013351
	0.003618	0.010389	0.014262	-0.007333	0.016947	-0.012060
	0.007436	-0.012262	0.001150	0.004867	-0.008871	0.020338
	-0.000267					
y57	0.043344	0.028980	-0.004814	0.000340	0.000374	-0.004438
	0.025995	-0.007571	-0.012267	-0.021201	-0.007269	-0.048145
	-0.026130	-0.028530	-0.000672	-0.012218	0.003856	0.006309
	-0.013585	-0.011601	0.027485	0.005256	0.015824	-0.009638
	0.030004	-0.010234	0.016879	-0.003703	0.000835	0.008610
	-0.000009					
z57	-0.030692	0.009590	0.028513	-0.009426	-0.007023	-0.011815
	0.002820	-0.017176	-0.008491	-0.006996	-0.010372	0.032777
	0.001201	-0.032598	-0.029357	0.002178	-0.010209	-0.010223
	0.001692	-0.017675	-0.015883	-0.006881	0.005025	-0.018677
	-0.009960	-0.017616	0.012231	0.015514	0.007625	0.013292
	-0.006611					
x58	0.007701	-0.010969	0.006324	0.009711	0.013776	-0.012527
	-0.004467	0.000950	0.025957	-0.003843	0.013992	0.018825
	-0.024991	-0.045405	0.019001	-0.004740	-0.032835	0.011709
	0.005086	0.009924	0.011606	-0.005245	0.013299	-0.010092
	0.007381	-0.011928	-0.000677	0.006420	-0.008111	0.019642
	-0.002595					

y58	0.040773	0.029397	-0.005638	0.000651	-0.000082	-0.004370
	0.026592	-0.009542	-0.013351	-0.020909	-0.004678	-0.045346
	-0.029100	-0.032722	-0.001693	-0.013391	0.000202	0.005214
	-0.013581	-0.011626	0.027418	0.006082	0.019017	-0.007285
	0.029912	-0.011570	0.019626	-0.001214	-0.003848	0.013349
	-0.000510					
z58	-0.033546	0.007194	0.026441	-0.007884	-0.007669	-0.009465
	0.002911	-0.016432	-0.010987	-0.005929	-0.009063	0.038407
	-0.001184	-0.030004	-0.031594	0.003464	-0.012205	-0.006269
	0.004354	-0.013463	-0.012078	-0.007565	0.010702	-0.016569
	-0.009091	-0.013221	0.008455	0.012833	0.011681	0.011907
	-0.002521					
x59	0.006277	-0.013061	0.007500	0.009026	0.013315	-0.010112
	-0.003044	0.000113	0.025664	-0.005384	0.013700	0.019541
	-0.023831	-0.044726	0.017189	-0.003649	-0.032178	0.010344
	0.005509	0.009255	0.010300	-0.003936	0.008874	-0.006315
	0.006197	-0.010478	-0.001749	0.008554	-0.009426	0.020074
	-0.002336					
y59	0.038774	0.029753	-0.006990	0.000469	-0.000777	-0.003851
	0.027351	-0.011599	-0.013698	-0.020144	-0.000402	-0.041042
	-0.031890	-0.037032	-0.003296	-0.014578	-0.001526	0.007441
	-0.012299	-0.010562	0.026709	0.004316	0.023543	-0.007023
	0.032645	-0.012331	0.019572	-0.001115	-0.004614	0.013684
	-0.002701					
z59	-0.036515	0.005109	0.025962	-0.006545	-0.008018	-0.007857
	0.001999	-0.015304	-0.013279	-0.005065	-0.009378	0.042398
	-0.003122	-0.027752	-0.032720	0.003833	-0.015433	-0.004806
	0.004989	-0.011694	-0.009149	-0.005120	0.013439	-0.013396
	-0.010009	-0.010068	0.008023	0.011699	0.012620	0.013338
	0.000097					
x60	0.005519	-0.014819	0.009431	0.008514	0.013148	-0.008316
	-0.002183	-0.000487	0.025339	-0.006338	0.012937	0.020452
	-0.023599	-0.042652	0.015742	-0.001694	-0.030806	0.008720
	0.007499	0.009149	0.010864	-0.002483	0.004241	-0.003144
	0.005331	-0.011214	-0.002896	0.009035	-0.008386	0.018491
	-0.002532					
y60	0.036067	0.029792	-0.007137	0.000771	-0.000818	-0.004017
	0.027529	-0.012759	-0.015560	-0.021064	0.001669	-0.035891
	-0.035834	-0.040579	-0.004248	-0.016420	-0.004619	0.007390
	-0.011928	-0.007639	0.024142	0.004779	0.025977	-0.005916
	0.034034	-0.010344	0.017621	0.001504	-0.006220	0.014906
	-0.001367					

z60	-0.038056	0.003458	0.024637	-0.005930	-0.009696	-0.006436
	0.000484	-0.014265	-0.015292	-0.002273	-0.007520	0.044852
	-0.003656	-0.026249	-0.033274	0.007307	-0.017068	-0.001813
	0.006720	-0.010218	-0.004042	-0.003160	0.016042	-0.011844
	-0.008987	-0.012485	0.007942	0.008087	0.015011	0.011957
	0.001638					
x61	0.004882	-0.016657	0.011043	0.007707	0.013798	-0.006480
	-0.001364	-0.001213	0.024742	-0.007814	0.011568	0.021460
	-0.021769	-0.041384	0.015307	-0.000993	-0.027774	0.007004
	0.009392	0.009019	0.009328	-0.003168	-0.000029	-0.002204
	0.003498	-0.010811	-0.002087	0.008965	-0.005998	0.015427
	-0.002767					
y61	0.033970	0.029200	-0.006640	0.000521	-0.001900	-0.004054
	0.025567	-0.013855	-0.016816	-0.020285	0.002906	-0.031832
	-0.037701	-0.045851	-0.005990	-0.017428	-0.007853	0.007673
	-0.013886	-0.008588	0.023228	0.005679	0.027019	-0.004181
	0.035546	-0.012619	0.020325	0.004265	-0.006175	0.018701
	-0.000046					
z61	-0.039464	0.002131	0.023349	-0.005087	-0.010218	-0.005060
	-0.000548	-0.013095	-0.016766	-0.002127	-0.004733	0.048216
	-0.003428	-0.023737	-0.032274	0.007300	-0.016835	0.000990
	0.010440	-0.006417	-0.003093	-0.001896	0.020343	-0.012773
	-0.006221	-0.009720	0.004331	0.005390	0.018194	0.006871
	0.002586					
x62	0.004255	-0.018509	0.012606	0.006369	0.014165	-0.005206
	-0.000209	-0.002106	0.023950	-0.008695	0.010142	0.021737
	-0.019688	-0.041088	0.015194	-0.000486	-0.025345	0.006101
	0.010704	0.008664	0.007703	-0.003392	-0.004873	-0.001093
	0.002437	-0.012164	-0.001598	0.009469	-0.004557	0.013854
	-0.002979					
y62	0.032196	0.028792	-0.006069	0.000377	-0.002163	-0.004059
	0.023288	-0.015034	-0.018151	-0.019379	0.005326	-0.028451
	-0.037387	-0.050641	-0.006969	-0.018478	-0.009810	0.007045
	-0.015531	-0.009537	0.022051	0.006104	0.027544	-0.004393
	0.038004	-0.014584	0.025387	0.008072	-0.005148	0.019597
	0.000283					
z62	-0.040762	0.001269	0.023089	-0.005247	-0.011706	-0.003887
	-0.002250	-0.012030	-0.016930	-0.001348	-0.003755	0.052694
	-0.006222	-0.021952	-0.031853	0.007325	-0.017612	0.006329
	0.013613	-0.003231	-0.002705	0.002067	0.022867	-0.011876
	-0.004302	-0.008648	-0.000118	0.000913	0.019572	0.005738
	-0.001156					

x63	0.003593	-0.020339	0.014632	0.005837	0.014747	-0.004230
	0.001077	-0.003243	0.023144	-0.009807	0.008689	0.022329
	-0.017357	-0.038656	0.014324	0.000441	-0.022775	0.004453
	0.011811	0.008652	0.008607	-0.003965	-0.010749	0.001547
	0.000814	-0.012370	-0.001102	0.010905	-0.002229	0.010353
	0.001796					
y63	0.030801	0.028841	-0.005201	-0.000742	-0.002819	-0.004109
	0.020829	-0.015522	-0.020445	-0.020032	0.007844	-0.023728
	-0.039266	-0.054906	-0.008065	-0.019240	-0.009828	0.007635
	-0.015972	-0.008563	0.020666	0.007499	0.028031	-0.003751
	0.042287	-0.013593	0.025658	0.009155	-0.002793	0.020481
	0.000324					
z63	-0.042027	-0.000568	0.022931	-0.003366	-0.013791	-0.003121
	-0.004823	-0.011589	-0.016899	0.001573	-0.001456	0.055161
	-0.004891	-0.018402	-0.029299	0.008170	-0.020342	0.009397
	0.013425	-0.004721	-0.004815	0.004965	0.025885	-0.013384
	-0.002699	-0.012089	-0.003879	-0.002903	0.021133	0.003618
	-0.002728					
x64	0.003186	-0.021957	0.016280	0.004857	0.015707	-0.003094
	0.002482	-0.004292	0.022163	-0.011011	0.007203	0.021681
	-0.014144	-0.036180	0.013974	0.001250	-0.018985	0.002329
	0.012150	0.007892	0.008631	-0.005305	-0.017669	0.003582
	-0.001223	-0.013492	-0.000404	0.011164	0.001481	0.006697
	0.004216					
y64	0.029260	0.028779	-0.004175	-0.001290	-0.004436	-0.004172
	0.017053	-0.015820	-0.021729	-0.019715	0.010932	-0.017073
	-0.040069	-0.059614	-0.007995	-0.019863	-0.010623	0.007952
	-0.016519	-0.008107	0.017116	0.010876	0.028821	-0.005144
	0.043356	-0.015174	0.026559	0.011175	-0.002110	0.020428
	0.000255					
z64	-0.042331	-0.002041	0.023492	-0.003237	-0.014635	-0.002786
	-0.006772	-0.010073	-0.017259	0.002583	-0.000397	0.053685
	-0.004561	-0.016446	-0.027956	0.009031	-0.019825	0.011205
	0.015379	-0.004928	-0.003914	0.006742	0.026292	-0.012645
	0.004226	-0.013888	-0.006361	-0.004432	0.026395	-0.000783
	-0.001042					
x65	0.002823	-0.023607	0.018238	0.003975	0.016996	-0.002246
	0.003761	-0.005368	0.021223	-0.012697	0.005543	0.021514
	-0.010676	-0.033097	0.013793	0.000863	-0.014873	0.000045
	0.012155	0.008126	0.009503	-0.006542	-0.024508	0.005747
	-0.003697	-0.014297	-0.000355	0.012097	0.005782	0.002405
	0.008981					

y65	0.028026	0.028625	-0.002224	-0.001637	-0.005555	-0.004732
	0.012775	-0.016236	-0.023931	-0.019159	0.014719	-0.010894
	-0.040766	-0.062496	-0.007901	-0.019934	-0.010816	0.008818
	-0.017971	-0.009135	0.013625	0.013615	0.027876	-0.006842
	0.047649	-0.016178	0.027511	0.011168	0.000562	0.021191
	-0.000950					
z65	-0.042872	-0.002798	0.023575	-0.004250	-0.014760	-0.001332
	-0.009291	-0.008581	-0.013129	0.002839	-0.000820	0.053827
	-0.004046	-0.016877	-0.028278	0.005581	-0.019430	0.013514
	0.017051	-0.005577	-0.005367	0.011221	0.026075	-0.011655
	0.007213	-0.016821	-0.002602	-0.001448	0.030422	-0.004296
	-0.003964					
x66	0.001335	-0.025231	0.021347	0.002713	0.017350	-0.001061
	0.006335	-0.008297	0.020831	-0.015947	0.002890	0.020029
	-0.009031	-0.029477	0.011950	0.000285	-0.013394	-0.000114
	0.009299	0.005355	0.008029	-0.006841	-0.030202	0.009090
	-0.006575	-0.012872	-0.002886	0.013477	0.003480	0.005759
	0.006186					
y66	0.026254	0.028466	-0.002160	-0.002683	-0.005753	-0.004929
	0.009558	-0.019008	-0.022964	-0.019020	0.014953	-0.008091
	-0.041350	-0.067259	-0.005354	-0.013445	-0.006747	0.007094
	-0.011942	-0.006601	0.017149	0.012383	0.023699	-0.009405
	0.049711	-0.016535	0.024198	0.017169	0.000961	0.015654
	0.010125					
z66	-0.044140	-0.004374	0.023046	-0.004228	-0.015891	-0.001120
	-0.009504	-0.009423	-0.012243	0.002263	-0.001797	0.052968
	-0.001989	-0.014540	-0.026016	0.006996	-0.018316	0.016103
	0.017638	-0.003562	-0.001269	0.010801	0.027515	-0.010173
	0.005805	-0.015190	-0.001534	-0.002896	0.029871	-0.004217
	-0.006461					
x67	0.000128	-0.026527	0.024169	0.001647	0.017694	0.000089
	0.008681	-0.010616	0.020633	-0.018612	0.000606	0.018924
	-0.007777	-0.026583	0.010299	-0.000417	-0.012480	-0.000270
	0.007250	0.004289	0.006356	-0.006057	-0.035231	0.012969
	-0.008537	-0.011004	-0.006158	0.013374	0.000249	0.007411
	0.003960					
y67	0.024016	0.027944	-0.002081	-0.003264	-0.005959	-0.005003
	0.007433	-0.021859	-0.022493	-0.018916	0.015131	-0.005395
	-0.042148	-0.070268	-0.003676	-0.008350	-0.002783	0.006925
	-0.008072	-0.005820	0.021696	0.011225	0.021227	-0.010829
	0.050724	-0.015497	0.019875	0.021116	0.002774	0.012533
	0.015395					

z67	-0.044884	-0.005686	0.022606	-0.005476	-0.015205	-0.000677
	-0.009992	-0.009255	-0.009159	0.002422	-0.002862	0.051584
	-0.002114	-0.013090	-0.025810	0.007945	-0.017186	0.016494
	0.019244	0.000838	-0.000572	0.011224	0.026703	-0.008576
	0.005011	-0.017646	0.001998	-0.001842	0.025769	-0.007673
	-0.008087					
x68	-0.000885	-0.027645	0.026338	0.001074	0.018228	0.001431
	0.011017	-0.012835	0.020440	-0.020828	-0.001229	0.017991
	-0.007053	-0.022960	0.009285	-0.000964	-0.011120	-0.000785
	0.005676	0.002502	0.004086	-0.006518	-0.038128	0.014795
	-0.010537	-0.009678	-0.007619	0.012214	-0.001600	0.009952
	0.001723					
y68	0.021724	0.027555	-0.001741	-0.003992	-0.006188	-0.005152
	0.005639	-0.024236	-0.021883	-0.018215	0.015751	-0.002692
	-0.042777	-0.072615	-0.002891	-0.004577	0.000203	0.006849
	-0.005720	-0.005508	0.023232	0.010917	0.018427	-0.010911
	0.051427	-0.014283	0.015357	0.024471	0.002434	0.011197
	0.016762					
z68	-0.045275	-0.007535	0.022027	-0.005630	-0.014414	-0.000401
	-0.009967	-0.008199	-0.007102	0.001328	-0.003754	0.049527
	-0.001291	-0.009315	-0.024529	0.008838	-0.014113	0.016582
	0.022565	0.002738	0.001940	0.008342	0.026836	-0.009439
	0.004170	-0.020485	0.004494	-0.000544	0.027713	-0.013262
	-0.002306					
x69	-0.001545	-0.028784	0.028390	0.000492	0.018569	0.002872
	0.012945	-0.014481	0.020241	-0.022407	-0.003040	0.016733
	-0.005219	-0.020797	0.008234	-0.001765	-0.011902	-0.000413
	0.003557	0.001712	0.003087	-0.006505	-0.041621	0.016631
	-0.011153	-0.008194	-0.009210	0.012641	-0.003165	0.009986
	-0.001129					
y69	0.019582	0.027091	-0.001140	-0.004889	-0.006149	-0.005477
	0.004128	-0.026169	-0.021474	-0.017590	0.015789	-0.000156
	-0.042159	-0.074817	-0.003546	-0.002275	0.003338	0.007678
	-0.003341	-0.006056	0.024281	0.009055	0.015586	-0.011595
	0.050376	-0.014417	0.012589	0.026035	0.003561	0.010700
	0.018798					
z69	-0.045978	-0.008808	0.021918	-0.005421	-0.014171	-0.000114
	-0.009340	-0.006870	-0.004535	0.001612	-0.004772	0.046733
	-0.000647	-0.003808	-0.022457	0.010789	-0.013139	0.016483
	0.022575	0.005130	0.003334	0.007078	0.025788	-0.009982
	0.005898	-0.022658	0.002199	0.003237	0.024133	-0.020006
	0.000284					

x70	-0.001764	-0.029630	0.029657	0.000076	0.018954	0.004374
	0.014465	-0.015779	0.019876	-0.023805	-0.004446	0.015796
	-0.003924	-0.018908	0.007462	-0.001900	-0.011961	-0.000368
	0.002960	0.001813	0.001355	-0.006836	-0.042967	0.015854
	-0.011592	-0.008498	-0.006786	0.011450	-0.003982	0.009168
	-0.001684					
y70	0.017383	0.026544	-0.000271	-0.005739	-0.006067	-0.005845
	0.003485	-0.027443	-0.020843	-0.016620	0.015666	0.001373
	-0.041046	-0.075958	-0.004635	-0.000482	0.006151	0.009138
	-0.001795	-0.008230	0.024989	0.007077	0.012670	-0.012560
	0.050020	-0.014786	0.010260	0.030286	0.003865	0.009253
	0.016707					
z70	-0.046488	-0.010808	0.021210	-0.004285	-0.013291	0.000063
	-0.008837	-0.006219	-0.003923	0.002016	-0.004357	0.046462
	-0.001699	0.001473	-0.021193	0.012110	-0.012105	0.015192
	0.023571	0.008673	0.003583	0.007174	0.026730	-0.008063
	0.000379	-0.025352	0.002169	0.001125	0.025106	-0.023698
	0.006323					
x71	-0.001799	-0.030331	0.030829	-0.000202	0.018927	0.006279
	0.015609	-0.016109	0.019900	-0.025095	-0.004875	0.014867
	-0.003119	-0.017304	0.007761	-0.002290	-0.012926	-0.001154
	0.001540	0.003492	0.000211	-0.006048	-0.045319	0.015746
	-0.011374	-0.007653	-0.006731	0.011366	-0.004804	0.006352
	-0.003083					
y71	0.015025	0.026111	0.000655	-0.006424	-0.005709	-0.006421
	0.003241	-0.028393	-0.020171	-0.015702	0.015815	0.003660
	-0.040271	-0.075698	-0.006322	0.000442	0.009211	0.010217
	-0.001012	-0.010886	0.024357	0.005293	0.009357	-0.013119
	0.048116	-0.015806	0.006767	0.032778	0.004073	0.009320
	0.015263					
z71	-0.046594	-0.012916	0.021237	-0.003449	-0.012339	0.001290
	-0.008212	-0.003615	-0.002482	0.001450	-0.004561	0.043687
	-0.000395	0.008142	-0.020911	0.010876	-0.011394	0.014918
	0.021540	0.011090	0.001689	0.006547	0.028206	-0.006469
	0.000531	-0.024075	0.000611	0.003165	0.025514	-0.029760
	0.006343					
x72	-0.001303	-0.030362	0.031514	0.000006	0.018794	0.008024
	0.016128	-0.015752	0.019638	-0.025819	-0.004992	0.014653
	-0.003365	-0.014653	0.008459	-0.002637	-0.013970	-0.001934
	0.001706	0.005877	-0.000853	-0.004798	-0.044417	0.013264
	-0.010712	-0.008356	-0.003977	0.009062	-0.005398	0.004752
	-0.004330					

y72	0.012618	0.026038	0.001799	-0.006881	-0.005192	-0.007196
	0.003654	-0.028525	-0.020236	-0.014830	0.015703	0.006214
	-0.038466	-0.073726	-0.008750	0.000180	0.011563	0.012209
	-0.001147	-0.014904	0.022919	0.004290	0.006690	-0.013862
	0.044918	-0.016705	0.003234	0.035216	0.004763	0.008955
	0.009692					
z72	-0.046300	-0.014326	0.020931	-0.002682	-0.012275	0.002483
	-0.007603	-0.002531	-0.001528	0.002236	-0.003411	0.042647
	-0.000952	0.013745	-0.018919	0.010295	-0.009974	0.015249
	0.023861	0.016955	0.002514	0.008176	0.030741	-0.005076
	-0.001466	-0.028165	0.002196	0.002463	0.025812	-0.027886
	0.005338					
x73	-0.001397	-0.030408	0.031813	0.000280	0.018629	0.009621
	0.017646	-0.015730	0.019100	-0.027005	-0.004023	0.013444
	-0.004156	-0.012391	0.008521	-0.002829	-0.014786	-0.002378
	0.000964	0.007516	-0.001383	-0.004298	-0.044348	0.013261
	-0.009512	-0.005832	-0.005083	0.005883	-0.008617	0.001923
	-0.005491					
y73	0.009781	0.025778	0.003031	-0.007305	-0.004207	-0.007885
	0.005412	-0.028302	-0.020083	-0.014002	0.016446	0.008361
	-0.037531	-0.069587	-0.012653	-0.000793	0.014851	0.014148
	-0.002644	-0.019017	0.020283	0.003122	0.004399	-0.012996
	0.041197	-0.017568	-0.002250	0.035355	0.003851	0.009192
	0.003760					
z73	-0.046003	-0.016588	0.021092	-0.001946	-0.012410	0.003560
	-0.007487	0.000384	0.000635	0.001722	-0.006190	0.038737
	-0.002057	0.016452	-0.019067	0.010097	-0.010761	0.013225
	0.021124	0.017324	0.000034	0.006688	0.027393	-0.002841
	-0.004803	-0.026611	0.007405	0.006683	0.026618	-0.028923
	0.006218					
x74	-0.000905	-0.030303	0.031986	0.000823	0.018296	0.011528
	0.018518	-0.014376	0.018792	-0.027859	-0.003380	0.012580
	-0.004681	-0.010841	0.009528	-0.003182	-0.016994	-0.003048
	0.000426	0.010675	-0.001692	-0.003122	-0.044237	0.011610
	-0.007670	-0.004148	-0.003651	0.003033	-0.010151	-0.002382
	-0.006025					
y74	0.006874	0.025874	0.004627	-0.007621	-0.003407	-0.008916
	0.007680	-0.027400	-0.020034	-0.013341	0.017095	0.010349
	-0.036685	-0.064516	-0.016388	-0.002532	0.017591	0.015936
	-0.005106	-0.024509	0.016748	0.002421	0.001409	-0.012605
	0.036485	-0.018496	-0.007364	0.035882	0.003139	0.010379
	-0.004445					

z74	-0.045786	-0.018937	0.021746	-0.001747	-0.012178	0.005230
	-0.006944	0.002197	0.003154	0.002931	-0.007096	0.033904
	0.000464	0.018580	-0.017969	0.007058	-0.012682	0.014097
	0.019753	0.018418	0.002095	0.004323	0.026975	0.000058
	-0.004424	-0.027838	0.011313	0.009042	0.025976	-0.027776
	0.005554					
x75	-0.000434	-0.030615	0.032080	0.001597	0.016955	0.013135
	0.018426	-0.014676	0.017219	-0.028989	-0.000682	0.011349
	-0.003926	-0.008684	0.012033	-0.000958	-0.016900	-0.003944
	0.001288	0.011031	-0.004299	-0.001749	-0.047340	0.011396
	-0.004422	-0.005781	-0.001484	0.003203	-0.010160	-0.003097
	-0.005695					
y75	0.005396	0.023898	0.005344	-0.008592	-0.003737	-0.009037
	0.008651	-0.024691	-0.018303	-0.012213	0.017370	0.011364
	-0.032021	-0.062221	-0.017917	-0.004310	0.016034	0.018035
	-0.004759	-0.020894	0.016411	-0.003702	-0.000202	-0.008453
	0.037259	-0.015129	-0.007154	0.036441	0.005156	0.012033
	-0.002629					
z75	-0.045677	-0.019267	0.022197	-0.001460	-0.012325	0.007025
	-0.006103	0.002459	0.004671	0.001617	-0.006468	0.030038
	-0.001450	0.023845	-0.013727	0.003699	-0.014217	0.012889
	0.018701	0.020124	0.002497	0.006129	0.029843	-0.001204
	-0.006996	-0.025654	0.013502	0.006891	0.025548	-0.030929
	0.001821					
x76	-0.000051	-0.030758	0.031224	0.001714	0.015649	0.015065
	0.019598	-0.015305	0.015726	-0.030324	0.002469	0.009777
	-0.001917	-0.007435	0.011760	0.000533	-0.015547	-0.003143
	0.001990	0.011577	-0.004097	-0.001080	-0.048854	0.013203
	-0.000983	-0.005400	-0.001853	0.002530	-0.011682	-0.004230
	-0.003353					
y76	0.003702	0.021722	0.006236	-0.009508	-0.004054	-0.009081
	0.009846	-0.022011	-0.016690	-0.011325	0.017356	0.011386
	-0.027556	-0.059316	-0.019246	-0.005253	0.014701	0.018799
	-0.004795	-0.018265	0.015723	-0.008467	-0.002924	-0.003805
	0.036518	-0.012017	-0.007635	0.037058	0.006690	0.011870
	-0.000695					
z76	-0.045876	-0.020243	0.023908	-0.001525	-0.013022	0.008693
	-0.005698	0.004292	0.006115	0.000028	-0.009243	0.024127
	-0.001788	0.024439	-0.009328	0.001647	-0.014603	0.011326
	0.015257	0.018452	0.002382	0.008932	0.023238	0.002345
	-0.008061	-0.024434	0.017556	0.002700	0.023646	-0.028383
	-0.001205					

x77	0.000827	-0.030574	0.030878	0.001624	0.014965	0.016719
	0.020096	-0.015599	0.013535	-0.031094	0.004123	0.008509
	-0.001393	-0.006965	0.013563	0.001910	-0.014131	-0.004872
	0.002874	0.011202	-0.004402	0.001671	-0.049245	0.012517
	0.002147	-0.007268	0.001769	0.003525	-0.011101	-0.005388
	-0.002588					
y77	0.001950	0.019183	0.007482	-0.010158	-0.004250	-0.009016
	0.010864	-0.019411	-0.014716	-0.009625	0.016851	0.011280
	-0.022884	-0.055261	-0.020507	-0.006007	0.013409	0.018421
	-0.005587	-0.015874	0.013763	-0.011865	-0.005601	0.000123
	0.034799	-0.010693	-0.008016	0.036638	0.008655	0.011579
	-0.000080					
z77	-0.046038	-0.020920	0.024769	-0.001365	-0.013303	0.010238
	-0.004209	0.005178	0.008255	-0.000649	-0.010726	0.020015
	-0.002958	0.027259	-0.008076	-0.001108	-0.015937	0.012585
	0.011769	0.015228	0.002144	0.006557	0.018349	0.008744
	-0.013069	-0.020675	0.014472	-0.003447	0.014997	-0.022386
	-0.004678					
x78	0.002180	-0.030060	0.030731	0.001395	0.014776	0.018259
	0.020332	-0.015362	0.010950	-0.030879	0.004920	0.007837
	-0.001987	-0.006359	0.015336	0.003242	-0.012212	-0.006917
	0.003572	0.009400	-0.004627	0.004120	-0.049139	0.011298
	0.002937	-0.010044	0.006859	0.003788	-0.009465	-0.003987
	-0.002170					
y78	0.000290	0.016484	0.008835	-0.010556	-0.003997	-0.008966
	0.011612	-0.017091	-0.012321	-0.007769	0.016195	0.010365
	-0.017652	-0.050377	-0.020998	-0.006598	0.012366	0.016719
	-0.006141	-0.013741	0.011340	-0.013664	-0.008968	0.003888
	0.033234	-0.010065	-0.008159	0.036038	0.010639	0.010984
	0.000747					
z78	-0.045931	-0.021171	0.023983	-0.001277	-0.013017	0.011879
	-0.003251	0.004542	0.010340	-0.004072	-0.011818	0.016542
	-0.004219	0.030531	-0.007240	-0.002758	-0.015175	0.011394
	0.009511	0.013384	0.004554	0.007483	0.017367	0.011028
	-0.012114	-0.016217	0.012843	-0.006451	0.011069	-0.023675
	-0.006694					
x79	0.003441	-0.029382	0.029940	0.000776	0.014963	0.019751
	0.021139	-0.015245	0.008319	-0.031199	0.005547	0.008402
	-0.002348	-0.006074	0.014590	0.003660	-0.009277	-0.007500
	0.004400	0.007803	-0.003285	0.006269	-0.048277	0.010811
	0.002539	-0.010255	0.010578	0.002318	-0.009909	-0.003603
	-0.001463					

y79	-0.001563	0.013449	0.010396	-0.010852	-0.003557	-0.008918
	0.012553	-0.014828	-0.010102	-0.005103	0.015639	0.008833
	-0.012495	-0.045169	-0.020481	-0.006965	0.011204	0.014596
	-0.007263	-0.011274	0.009200	-0.014150	-0.012643	0.006996
	0.030935	-0.010266	-0.008913	0.035234	0.013333	0.009873
	0.001260					
z79	-0.044760	-0.020776	0.022863	-0.001724	-0.012899	0.014087
	-0.002388	0.004620	0.010315	-0.003898	-0.011687	0.013962
	-0.007852	0.031165	-0.002723	-0.003462	-0.014427	0.009335
	0.007816	0.015808	0.006203	0.008035	0.021087	0.013067
	-0.009567	-0.016242	0.012109	-0.006209	0.011916	-0.022624
	-0.012078					
x80	0.004957	-0.028567	0.029335	0.000027	0.015529	0.020641
	0.021569	-0.014978	0.004609	-0.030408	0.005487	0.008907
	-0.003857	-0.006280	0.014295	0.004884	-0.005342	-0.009131
	0.005675	0.004547	-0.001618	0.008062	-0.045243	0.009204
	0.000225	-0.012491	0.016416	0.001948	-0.009495	-0.001780
	-0.003295					
y80	-0.003416	0.010421	0.012166	-0.010834	-0.003068	-0.008498
	0.013208	-0.012955	-0.007377	-0.002838	0.014340	0.007344
	-0.006537	-0.038873	-0.019159	-0.007568	0.010775	0.011136
	-0.008051	-0.009755	0.006186	-0.012979	-0.016504	0.009332
	0.028364	-0.011207	-0.009195	0.033840	0.016137	0.008620
	0.003243					
z80	-0.043559	-0.019855	0.021184	-0.002769	-0.012597	0.017310
	-0.001300	0.004263	0.011694	-0.007056	-0.013162	0.013974
	-0.010618	0.032649	0.001270	-0.006527	-0.010507	0.007780
	0.008370	0.015770	0.006879	0.009987	0.023352	0.015217
	-0.003636	-0.009697	0.011284	-0.007500	0.007120	-0.020354
	-0.007969					
x81	0.007052	-0.027253	0.028293	-0.000752	0.017047	0.021844
	0.021418	-0.014572	0.001596	-0.028579	0.005893	0.011083
	-0.005897	-0.005958	0.013777	0.004954	-0.001115	-0.009853
	0.007933	0.002517	0.001643	0.011470	-0.039372	0.005757
	-0.001072	-0.015512	0.024141	-0.000085	-0.007649	-0.000502
	-0.003260					
y81	-0.005494	0.006950	0.014257	-0.010618	-0.002838	-0.008413
	0.013636	-0.011077	-0.005185	0.000193	0.013147	0.006221
	-0.000847	-0.032039	-0.017526	-0.007313	0.009989	0.007394
	-0.009729	-0.008166	0.002098	-0.011424	-0.020705	0.010734
	0.024077	-0.013130	-0.009421	0.032923	0.019518	0.005945
	0.003036					

z81	-0.043533	-0.019356	0.019700	-0.004942	-0.014004	0.018733
	0.001557	0.003658	0.009449	-0.011531	-0.015648	0.011982
	-0.014228	0.029772	0.004899	-0.006174	-0.008080	0.006708
	0.003032	0.011422	0.008148	0.006070	0.021041	0.019350
	-0.002308	-0.001300	0.006780	-0.006088	0.000104	-0.015545
	-0.006183					
x82	0.008925	-0.026057	0.026873	-0.001679	0.018959	0.023477
	0.021879	-0.014841	-0.002253	-0.027589	0.004739	0.012841
	-0.008554	-0.005539	0.012271	0.004396	0.004590	-0.010079
	0.010561	0.000532	0.007213	0.015414	-0.029695	0.002708
	-0.003117	-0.017252	0.029409	-0.002226	-0.004968	-0.000952
	-0.003837					
y82	-0.007795	0.003225	0.016677	-0.010255	-0.002776	-0.008490
	0.014145	-0.009479	-0.002798	0.003936	0.011856	0.005294
	0.004723	-0.024751	-0.015571	-0.006071	0.008101	0.003794
	-0.011895	-0.006847	-0.002513	-0.008365	-0.025776	0.011197
	0.018727	-0.016855	-0.008787	0.031769	0.022204	0.004061
	0.002993					
z82	-0.042375	-0.017687	0.017851	-0.007789	-0.015552	0.019075
	0.003967	0.003987	0.007646	-0.012333	-0.016108	0.013374
	-0.018663	0.026533	0.007439	-0.003006	-0.008149	0.007954
	-0.001608	0.007388	0.009648	0.002795	0.015665	0.020717
	-0.000934	0.002789	0.007958	-0.004375	-0.009914	-0.005045
	-0.003539					
x83	0.011052	-0.024119	0.024780	-0.003590	0.020483	0.025031
	0.023587	-0.015389	-0.006156	-0.026346	0.004241	0.015093
	-0.011973	-0.007343	0.011301	0.004092	0.011000	-0.010055
	0.012127	-0.002773	0.012197	0.019041	-0.021030	-0.000471
	-0.005099	-0.017150	0.035862	-0.001967	-0.005096	0.002718
	-0.001827					
y83	-0.009868	-0.000539	0.019450	-0.009523	-0.001748	-0.008606
	0.014501	-0.007531	-0.000299	0.007781	0.009913	0.002561
	0.011322	-0.015714	-0.014771	-0.005150	0.007100	-0.001747
	-0.013108	-0.005704	-0.007386	-0.003542	-0.030789	0.012270
	0.011299	-0.022551	-0.008823	0.027745	0.026142	-0.000543
	0.002134					
z83	-0.040510	-0.016225	0.016260	-0.009700	-0.014093	0.019245
	0.004363	0.005379	0.005137	-0.012818	-0.018036	0.013523
	-0.021814	0.028083	0.007117	-0.002058	-0.008418	0.007431
	0.000069	0.006039	0.012371	-0.000233	0.018148	0.021689
	-0.003536	0.002911	0.009978	-0.009082	-0.012158	-0.004407
	-0.004935					

x84	-0.015565	-0.017312	-0.006604	-0.006362	0.019912	0.012986
	0.015686	-0.010005	-0.002412	-0.002009	0.016664	-0.007265
	-0.001212	-0.035828	0.002922	0.000304	0.025682	0.001965
	-0.008907	0.005151	0.015901	0.008242	0.004246	-0.036199
	-0.015227	0.006371	-0.002450	0.007546	0.004391	-0.005879
	-0.010624					
y84	-0.030126	-0.012202	0.004778	-0.010505	-0.013558	-0.017229
	-0.020045	0.002814	-0.003246	0.030777	-0.000347	0.005865
	0.016247	0.000785	-0.006318	-0.005879	-0.003329	-0.009043
	0.004272	0.004485	-0.007964	0.006717	-0.010205	0.009348
	0.000990	-0.011141	0.029294	0.004626	-0.023417	0.000072
	0.020911					
z84	-0.007286	-0.001653	-0.015761	-0.004652	-0.010250	0.003752
	-0.008063	0.017562	0.012451	0.002219	0.000527	-0.006781
	0.003980	-0.005486	0.025713	-0.000291	0.043061	-0.012733
	0.003604	-0.008041	0.010808	0.002617	-0.005260	0.000193
	-0.007580	0.011454	0.012260	-0.005483	-0.009635	0.009458
	0.017121					
x85	-0.016586	-0.017300	-0.006811	-0.007787	0.019313	0.014612
	0.016240	-0.011986	-0.004467	-0.002537	0.015800	-0.005534
	-0.003762	-0.034841	-0.000155	0.002068	0.021255	0.002265
	-0.009349	0.007856	0.014438	0.009690	0.000608	-0.032137
	-0.012644	0.003474	-0.000619	0.010251	0.006685	-0.001545
	-0.008237					
y85	-0.030300	-0.013172	0.005872	-0.009805	-0.012955	-0.018904
	-0.021482	0.001405	-0.005081	0.031428	-0.002008	0.007182
	0.014665	0.003380	-0.008602	-0.007423	-0.002248	-0.008561
	0.004248	0.002833	-0.004433	0.006388	-0.009204	0.005993
	0.002165	-0.012144	0.021221	0.003996	-0.023700	0.000648
	0.020885					
z85	-0.009222	-0.001821	-0.016794	-0.003655	-0.011151	0.003234
	-0.007178	0.017451	0.013921	-0.002311	-0.000685	-0.010927
	0.005748	-0.004981	0.024150	-0.004242	0.044775	-0.008913
	0.006138	-0.010679	0.020920	0.004001	-0.001746	-0.001160
	-0.010126	0.014396	0.003705	-0.002191	-0.013644	0.004271
	0.016836					
x86	-0.017071	-0.017408	-0.006176	-0.009001	0.018891	0.016084
	0.015774	-0.012964	-0.007540	-0.002089	0.014154	-0.003110
	-0.007930	-0.033803	-0.002822	0.005037	0.017781	0.001090
	-0.010368	0.012161	0.014925	0.011187	-0.001932	-0.029391
	-0.009453	0.000479	0.001724	0.012307	0.009355	-0.000499
	-0.006430					

y86	-0.030201	-0.013782	0.007770	-0.009136	-0.011925	-0.021171
	-0.022933	0.000509	-0.006424	0.032271	-0.003084	0.008140
	0.013187	0.005492	-0.009106	-0.009206	-0.000769	-0.008049
	0.003700	0.002092	-0.001778	0.004888	-0.009186	0.002986
	0.000827	-0.011771	0.014847	0.002083	-0.022771	-0.000495
	0.019912					
z86	-0.011370	-0.000743	-0.018835	-0.003428	-0.011289	0.001501
	-0.004892	0.016102	0.015329	-0.004074	-0.000768	-0.014627
	0.007953	-0.006040	0.020224	-0.005120	0.041916	-0.003744
	0.008500	-0.014573	0.026405	0.005974	-0.000986	0.000674
	-0.010162	0.015168	0.001157	-0.000000	-0.016728	0.006229
	0.016767					
x87	-0.017278	-0.018439	-0.005200	-0.009890	0.017560	0.017285
	0.015453	-0.014076	-0.010815	-0.000474	0.011168	-0.000471
	-0.009894	-0.031857	-0.003563	0.008365	0.015525	0.000214
	-0.011326	0.015105	0.015934	0.011324	-0.002168	-0.025467
	-0.007949	-0.002065	-0.000380	0.012064	0.012275	-0.001802
	-0.005045					
y87	-0.029865	-0.014174	0.009672	-0.008701	-0.010879	-0.022931
	-0.023774	-0.000465	-0.006801	0.033278	-0.004333	0.008891
	0.013096	0.006182	-0.009904	-0.011132	0.000257	-0.007659
	0.004641	0.001444	0.000773	0.003347	-0.009217	0.000370
	-0.001134	-0.011034	0.009487	0.000810	-0.021903	-0.001716
	0.018397					
z87	-0.013614	0.000808	-0.020659	-0.003316	-0.010861	0.000491
	-0.003578	0.015972	0.016604	-0.006697	0.001023	-0.017528
	0.006995	-0.007074	0.015190	-0.006793	0.038763	-0.000656
	0.009235	-0.016158	0.028311	0.008753	-0.000014	-0.000683
	-0.007307	0.016822	0.002447	0.003662	-0.020927	0.009599
	0.016055					
x88	-0.017551	-0.019398	-0.003930	-0.011006	0.016939	0.018217
	0.014589	-0.014795	-0.012534	-0.000027	0.007164	0.002867
	-0.012225	-0.030294	-0.003066	0.009150	0.012728	-0.001667
	-0.009718	0.016128	0.016007	0.012730	-0.003401	-0.023143
	-0.007208	-0.004431	0.001790	0.012932	0.015556	-0.002640
	-0.003431					
y88	-0.029444	-0.014287	0.010711	-0.008449	-0.010170	-0.024251
	-0.023627	-0.001541	-0.007685	0.034698	-0.005036	0.009182
	0.014074	0.006343	-0.010576	-0.012229	0.000161	-0.007311
	0.004535	0.000964	0.002307	0.001789	-0.008360	-0.002478
	-0.002608	-0.011259	0.004613	-0.001594	-0.022213	-0.002735
	0.016490					

z88	-0.015269	0.001699	-0.021506	-0.002719	-0.011161	-0.000788
	-0.002917	0.015947	0.016511	-0.007623	0.001398	-0.019848
	0.005890	-0.006911	0.011217	-0.005949	0.036799	0.002314
	0.008303	-0.015757	0.031337	0.010607	0.001461	-0.000827
	-0.004516	0.017989	-0.000603	0.005358	-0.023695	0.009273
	0.015814					
x89	-0.017812	-0.020773	-0.002282	-0.012238	0.016916	0.019276
	0.014172	-0.015612	-0.013148	0.001747	0.003424	0.005137
	-0.015719	-0.027131	-0.002531	0.011079	0.009497	-0.004683
	-0.012431	0.016731	0.012392	0.013422	-0.001578	-0.022762
	-0.004949	-0.007858	0.002590	0.010982	0.017195	-0.001735
	-0.003226					
y89	-0.028979	-0.014117	0.011019	-0.008657	-0.009733	-0.024774
	-0.022769	-0.002119	-0.008509	0.035495	-0.004536	0.008722
	0.016004	0.005644	-0.011339	-0.012924	0.000759	-0.006723
	0.004703	0.000871	0.002828	0.000366	-0.006786	-0.004588
	-0.004118	-0.012149	0.001882	-0.002754	-0.021284	-0.004476
	0.016955					
z89	-0.016662	0.001921	-0.021573	-0.001982	-0.011116	-0.002249
	-0.003064	0.016213	0.015934	-0.008924	0.000520	-0.020567
	0.003401	-0.005940	0.007965	-0.006824	0.034567	0.005175
	0.010115	-0.015093	0.035416	0.012831	0.002404	0.000630
	-0.001894	0.021256	-0.003329	0.007285	-0.024775	0.007648
	0.016331					
x90	-0.017568	-0.022575	-0.001253	-0.013684	0.015980	0.019772
	0.013792	-0.015668	-0.015599	0.002209	0.001229	0.007031
	-0.018309	-0.026647	-0.001918	0.014226	0.008973	-0.009180
	-0.012196	0.018431	0.009004	0.013381	0.000018	-0.020219
	-0.002847	-0.012799	0.005573	0.012755	0.020152	-0.004571
	-0.000100					
y90	-0.028396	-0.013671	0.011426	-0.008432	-0.009010	-0.025077
	-0.021535	-0.003080	-0.009180	0.036786	-0.004282	0.008953
	0.018378	0.005570	-0.012463	-0.014258	0.000545	-0.006293
	0.003143	-0.000320	0.001836	-0.002516	-0.004944	-0.005712
	-0.005878	-0.012782	-0.000865	-0.005143	-0.019184	-0.004486
	0.014569					
z90	-0.018192	0.002056	-0.021569	-0.001434	-0.010681	-0.003189
	-0.002954	0.016362	0.016184	-0.009527	-0.000815	-0.021556
	0.000386	-0.003368	0.006279	-0.008322	0.030944	0.007726
	0.010935	-0.014049	0.038111	0.015140	0.005227	-0.000995
	0.001839	0.023509	-0.006134	0.007929	-0.026560	0.006258
	0.019550					

x91	-0.016995	-0.024643	0.003380	-0.012944	0.016679	0.018811
	0.010254	-0.014583	-0.017505	0.001498	-0.006096	0.013191
	-0.024070	-0.019295	-0.003837	0.014217	0.009131	-0.006983
	-0.010351	0.022162	0.016768	0.013506	0.000823	-0.014765
	0.000594	-0.006429	-0.002739	0.007596	0.019688	-0.005403
	0.001904					
y91	-0.027387	-0.013170	0.011896	-0.008268	-0.008319	-0.025353
	-0.020046	-0.003312	-0.010363	0.037789	-0.004241	0.008940
	0.020948	0.005478	-0.012968	-0.014964	0.000626	-0.005258
	0.002864	-0.000558	0.002402	-0.005673	-0.004448	-0.006259
	-0.007907	-0.012653	-0.002164	-0.006668	-0.016264	-0.006177
	0.015359					
z91	-0.020025	0.002327	-0.024278	-0.002271	-0.011397	-0.002619
	-0.000786	0.015889	0.016233	-0.008266	0.001523	-0.024444
	0.000076	-0.004598	0.007514	-0.008132	0.026486	0.005184
	0.009283	-0.015177	0.030038	0.017162	0.009908	-0.006088
	0.004349	0.017635	-0.000458	0.011561	-0.025662	0.004885
	0.020491					
x92	-0.017088	-0.025397	0.005086	-0.013786	0.016356	0.019912
	0.009625	-0.015720	-0.018912	0.001827	-0.010938	0.016557
	-0.023672	-0.014706	-0.004440	0.014201	0.008500	-0.006470
	-0.009672	0.023320	0.016067	0.012753	0.004128	-0.013720
	0.002877	-0.006642	-0.002753	0.005186	0.020803	-0.002618
	-0.003295					
y92	-0.026024	-0.012694	0.012316	-0.008206	-0.007865	-0.025182
	-0.018278	-0.002884	-0.011408	0.039038	-0.003950	0.008122
	0.024493	0.004785	-0.011202	-0.015930	0.000399	-0.006458
	0.001360	-0.002214	-0.000505	-0.008878	-0.003913	-0.007137
	-0.009517	-0.013409	0.000423	-0.006548	-0.011808	-0.007289
	0.015307					
z92	-0.021282	0.002132	-0.024504	-0.001803	-0.011733	-0.003432
	-0.000785	0.016320	0.015616	-0.008400	0.001586	-0.024038
	-0.003712	-0.002658	0.007129	-0.008797	0.023100	0.005846
	0.010583	-0.013324	0.028456	0.019663	0.013403	-0.008482
	0.008457	0.018163	-0.001220	0.013329	-0.024589	0.001077
	0.027846					
x93	-0.016185	-0.027182	0.007227	-0.015186	0.016652	0.019959
	0.007986	-0.014446	-0.020578	0.002008	-0.014710	0.020437
	-0.024362	-0.011272	-0.004867	0.015049	0.007909	-0.006916
	-0.007641	0.023005	0.016691	0.010925	0.005164	-0.008328
	0.007517	-0.004199	-0.001118	0.005133	0.021893	-0.005047
	-0.004141					

y93	-0.024668	-0.011905	0.012664	-0.008046	-0.007441	-0.024653
	-0.016014	-0.002855	-0.012350	0.040622	-0.003763	0.007508
	0.028546	0.004528	-0.010344	-0.016628	-0.000016	-0.006714
	-0.001044	-0.004068	-0.003684	-0.012547	-0.002173	-0.007296
	-0.011416	-0.013870	0.002825	-0.009049	-0.007219	-0.007622
	0.013041					
z93	-0.022998	0.001656	-0.024955	-0.001253	-0.012084	-0.003300
	-0.000380	0.015857	0.015411	-0.007190	0.000927	-0.024070
	-0.007700	-0.000586	0.008332	-0.009638	0.019090	0.004849
	0.009508	-0.011000	0.023883	0.022634	0.019627	-0.013829
	0.012813	0.015172	-0.000720	0.012796	-0.022963	-0.000384
	0.031270					
x94	-0.015240	-0.028560	0.008534	-0.017314	0.017352	0.019518
	0.006884	-0.014556	-0.023606	0.002654	-0.019295	0.023462
	-0.024238	-0.007787	-0.006317	0.016803	0.006997	-0.006107
	-0.006552	0.023658	0.015886	0.008801	0.004464	-0.004554
	0.007910	-0.005473	0.001465	-0.000142	0.021820	-0.007957
	-0.008229					
y94	-0.023343	-0.010534	0.014141	-0.008270	-0.007554	-0.025748
	-0.015279	-0.004117	-0.011082	0.042174	-0.001641	0.005933
	0.031853	0.002365	-0.011523	-0.015082	-0.000682	-0.005273
	-0.000134	-0.004271	-0.003917	-0.014685	-0.005764	-0.009409
	-0.012404	-0.011758	0.003958	-0.008999	-0.004632	-0.010853
	0.012715					
z94	-0.025294	0.000938	-0.025173	-0.000382	-0.012384	-0.003754
	-0.001374	0.016019	0.015818	-0.006921	-0.002875	-0.022749
	-0.010771	0.002207	0.006361	-0.011814	0.019209	0.004191
	0.008899	-0.008006	0.022275	0.023324	0.027906	-0.017710
	0.017397	0.014895	-0.003105	0.012275	-0.019262	-0.000817
	0.034845					
x95	-0.014204	-0.029608	0.010794	-0.019073	0.016998	0.019044
	0.005664	-0.014908	-0.026076	0.003512	-0.025046	0.025246
	-0.023353	-0.004338	-0.006350	0.019625	0.005105	-0.007322
	-0.008816	0.025885	0.014886	0.004558	0.007540	-0.003693
	0.012515	-0.005294	0.001785	-0.003945	0.021083	-0.008064
	-0.008865					
y95	-0.022221	-0.009045	0.014874	-0.008609	-0.007370	-0.026641
	-0.013956	-0.005354	-0.009570	0.043183	0.001093	0.004651
	0.034417	0.000499	-0.013402	-0.014436	-0.000729	-0.003058
	0.001434	-0.004624	-0.003346	-0.015858	-0.009083	-0.010257
	-0.013069	-0.010270	0.005493	-0.007871	-0.002413	-0.012998
	0.011640					

z95	-0.027379	0.000043	-0.025183	0.000341	-0.012478	-0.004036
	-0.002109	0.016063	0.015369	-0.006583	-0.006675	-0.021050
	-0.013514	0.004817	0.004218	-0.013241	0.018752	0.004356
	0.008532	-0.005945	0.020914	0.024286	0.033842	-0.019735
	0.020056	0.014945	-0.004611	0.010864	-0.015882	-0.000892
	0.036577					
x96	-0.012933	-0.030096	0.012950	-0.020652	0.016618	0.017725
	0.005139	-0.014837	-0.027687	0.005349	-0.026678	0.027536
	-0.022286	-0.002523	-0.007952	0.021196	0.004228	-0.007810
	-0.008380	0.025673	0.012064	0.002254	0.004691	0.000269
	0.015435	-0.005824	0.005438	-0.004859	0.019977	-0.008582
	-0.007178					
y96	-0.021214	-0.007988	0.015470	-0.008400	-0.007366	-0.027027
	-0.012661	-0.006412	-0.008609	0.043754	0.002756	0.003585
	0.036403	-0.000282	-0.014883	-0.013617	-0.000818	-0.001504
	0.001780	-0.004831	-0.002794	-0.016972	-0.010190	-0.011516
	-0.013910	-0.009496	0.005077	-0.007257	0.000312	-0.014976
	0.008773					
z96	-0.029461	-0.000961	-0.024840	0.000886	-0.012604	-0.003901
	-0.002798	0.016019	0.014658	-0.006117	-0.011332	-0.019581
	-0.015660	0.007267	0.002573	-0.014165	0.017681	0.004260
	0.007270	-0.004011	0.020855	0.025244	0.039936	-0.021619
	0.022225	0.014569	-0.006349	0.009159	-0.012702	-0.000572
	0.036426					
x97	-0.011655	-0.031226	0.014962	-0.021891	0.016438	0.017518
	0.005318	-0.014383	-0.028254	0.004598	-0.028378	0.029112
	-0.022420	-0.001360	-0.008660	0.022077	0.004259	-0.009102
	-0.006687	0.024802	0.011035	0.000752	0.004515	0.004333
	0.016664	-0.006562	0.010271	-0.004565	0.020666	-0.013738
	-0.009199					
y97	-0.020148	-0.006745	0.015861	-0.008012	-0.007655	-0.027731
	-0.011412	-0.007580	-0.008590	0.045260	0.004671	0.002917
	0.038297	-0.000396	-0.016009	-0.012457	-0.001123	0.000295
	0.000779	-0.004588	-0.003017	-0.017607	-0.011659	-0.012766
	-0.014820	-0.009256	0.003785	-0.008036	0.001820	-0.014977
	0.005001					
z97	-0.031238	-0.001971	-0.024109	0.001123	-0.012726	-0.003734
	-0.003598	0.016069	0.013891	-0.005547	-0.015798	-0.017972
	-0.017556	0.008959	0.000557	-0.014123	0.016230	0.004174
	0.005717	-0.001857	0.021131	0.025993	0.044002	-0.022103
	0.024284	0.014441	-0.006624	0.007545	-0.011111	-0.000728
	0.036480					

x98	-0.010460	-0.031703	0.016430	-0.023487	0.016325	0.016257
	0.005565	-0.014691	-0.030112	0.006384	-0.029432	0.029698
	-0.022574	0.000116	-0.007338	0.023681	0.002351	-0.009261
	-0.007164	0.024568	0.010109	-0.000396	0.002957	0.007108
	0.018537	-0.005686	0.011593	-0.008614	0.015655	-0.013061
	-0.010785					
y98	-0.019193	-0.005705	0.016396	-0.007508	-0.007701	-0.027761
	-0.010323	-0.008063	-0.007210	0.044232	0.006518	0.002574
	0.039714	-0.000331	-0.016972	-0.013668	0.000097	0.000549
	0.000737	-0.005106	-0.003525	-0.017633	-0.011766	-0.013700
	-0.015572	-0.008849	0.004311	-0.004529	0.005371	-0.015423
	0.002220					
z98	-0.032856	-0.003098	-0.023026	0.001208	-0.013095	-0.003439
	-0.004427	0.016208	0.013048	-0.004979	-0.020179	-0.016657
	-0.019001	0.009963	-0.000864	-0.013516	0.014594	0.004141
	0.003719	-0.000348	0.022403	0.027610	0.047326	-0.021475
	0.025936	0.015058	-0.005997	0.005241	-0.010215	-0.000949
	0.034600					
x99	-0.009427	-0.031591	0.018179	-0.024751	0.016190	0.015002
	0.005653	-0.014945	-0.030425	0.006382	-0.029947	0.030646
	-0.020293	0.001734	-0.006978	0.023867	0.002639	-0.010384
	-0.007192	0.024483	0.008095	-0.003679	0.001029	0.008225
	0.018084	-0.003367	0.012322	-0.008622	0.010946	-0.012191
	-0.004669					
y99	-0.018248	-0.004831	0.016839	-0.006667	-0.007744	-0.027898
	-0.008889	-0.008580	-0.006850	0.044310	0.007804	0.001931
	0.039360	-0.000053	-0.017242	-0.013591	0.000015	0.000712
	-0.001013	-0.006308	-0.004299	-0.017217	-0.011542	-0.014785
	-0.016112	-0.010720	0.003838	-0.002733	0.008996	-0.015606
	-0.004417					
z99	-0.034294	-0.004194	-0.021473	0.000951	-0.013571	-0.002954
	-0.005202	0.016535	0.011783	-0.004395	-0.024757	-0.015244
	-0.019706	0.010380	-0.002037	-0.012549	0.012641	0.004568
	0.001973	0.000673	0.024554	0.029263	0.048942	-0.019835
	0.026556	0.016041	-0.004369	0.003209	-0.009723	-0.000813
	0.032089					
x100	-0.008267	-0.031356	0.019947	-0.025556	0.016517	0.013380
	0.006707	-0.016451	-0.031234	0.006362	-0.030521	0.031906
	-0.018286	0.004613	-0.007039	0.024118	0.001572	-0.010381
	-0.007208	0.021870	0.005108	-0.008756	-0.001206	0.009661
	0.017412	-0.000834	0.012722	-0.006075	0.009286	-0.013829
	-0.004757					

y100	-0.017336	-0.004131	0.016957	-0.005489	-0.008116	-0.027557
	-0.007705	-0.008260	-0.006319	0.043936	0.009625	0.001448
	0.038805	0.000028	-0.017289	-0.013649	0.001128	-0.000390
	-0.002860	-0.006834	-0.004938	-0.016041	-0.010578	-0.016561
	-0.017353	-0.013294	0.003889	-0.001373	0.012136	-0.015605
	-0.006650					
z100	-0.035426	-0.005350	-0.019414	0.000368	-0.013953	-0.002176
	-0.005844	0.016448	0.010112	-0.003913	-0.029767	-0.013461
	-0.019643	0.010789	-0.003926	-0.011383	0.009926	0.005631
	-0.000209	0.001301	0.026951	0.030479	0.049551	-0.016920
	0.026998	0.016926	-0.000951	0.000927	-0.009451	-0.000899
	0.028024					
x101	-0.006977	-0.031523	0.021535	-0.025418	0.016285	0.012296
	0.008186	-0.017471	-0.030766	0.005551	-0.030596	0.032980
	-0.017933	0.006516	-0.004739	0.024311	0.002116	-0.010593
	-0.007994	0.018868	0.001491	-0.013005	-0.002712	0.011727
	0.016129	0.001386	0.011886	-0.007005	0.005944	-0.016184
	-0.000258					
y101	-0.016814	-0.002993	0.016656	-0.004383	-0.007928	-0.027244
	-0.006058	-0.008318	-0.006126	0.043305	0.011989	0.001269
	0.038543	0.000487	-0.018730	-0.014436	0.002123	-0.001345
	-0.004436	-0.007426	-0.005192	-0.014490	-0.010101	-0.018733
	-0.019255	-0.016166	0.004787	0.003467	0.016764	-0.014032
	-0.012194					
z101	-0.036335	-0.006890	-0.017152	-0.000151	-0.014442	-0.001100
	-0.006531	0.016591	0.008279	-0.003576	-0.034674	-0.011705
	-0.020041	0.010914	-0.004758	-0.009223	0.006857	0.006440
	-0.002359	0.001419	0.030031	0.032159	0.049617	-0.012177
	0.026523	0.018245	0.002757	-0.002769	-0.010209	-0.002300
	0.023738					
x102	-0.006462	-0.030929	0.023167	-0.024594	0.016583	0.009424
	0.010087	-0.018548	-0.031631	0.006127	-0.029456	0.032038
	-0.017038	0.007240	-0.005003	0.026380	0.003242	-0.011740
	-0.009089	0.016201	-0.001357	-0.018072	-0.007362	0.010048
	0.011499	0.002965	0.009630	-0.006308	0.005046	-0.018301
	0.001884					
y102	-0.015914	-0.002410	0.016255	-0.003460	-0.008628	-0.025755
	-0.004555	-0.008068	-0.004756	0.041245	0.013746	0.002342
	0.037437	0.001620	-0.018510	-0.017169	0.003833	-0.001911
	-0.006411	-0.008468	-0.006794	-0.011272	-0.007371	-0.017861
	-0.018633	-0.019391	0.006056	0.007799	0.019220	-0.011368
	-0.016614					

z102	-0.037287	-0.008525	-0.014515	-0.000833	-0.015144	-0.000160
	-0.007053	0.017243	0.005434	-0.002918	-0.039519	-0.010388
	-0.020216	0.009631	-0.005840	-0.006021	0.004509	0.007244
	-0.004849	0.001469	0.034081	0.034420	0.047393	-0.006664
	0.024232	0.019918	0.006854	-0.006517	-0.010761	-0.002482
	0.016647					
x103	-0.004891	-0.030589	0.024365	-0.024350	0.016873	0.009802
	0.011491	-0.018918	-0.031951	0.002324	-0.030054	0.031325
	-0.014476	0.003451	-0.007233	0.023472	0.005500	-0.011028
	-0.008937	0.009504	-0.002858	-0.021102	-0.013082	0.014728
	0.008957	0.007311	0.005473	-0.003246	0.000975	-0.021971
	-0.003191					
y103	-0.014435	-0.000895	0.016477	-0.004974	-0.008389	-0.024036
	-0.002892	-0.007778	-0.004576	0.039396	0.012631	0.000837
	0.036800	-0.000670	-0.017034	-0.018652	0.003634	-0.003365
	-0.009116	-0.013016	-0.006390	-0.008729	-0.006854	-0.016862
	-0.016284	-0.023819	0.004325	0.014778	0.022221	-0.007795
	-0.023317					
z103	-0.037820	-0.009450	-0.010726	-0.001490	-0.015866	-0.000226
	-0.006431	0.015222	0.002510	0.000810	-0.040068	-0.007095
	-0.019936	0.010422	-0.005756	-0.001787	0.001004	0.008850
	-0.007763	0.003229	0.031666	0.029018	0.043575	-0.004913
	0.023235	0.019663	0.009226	-0.009066	-0.009343	-0.004541
	0.014327					
x104	-0.002374	-0.029683	0.024933	-0.023830	0.017685	0.010849
	0.012175	-0.018356	-0.031295	-0.001052	-0.030034	0.031220
	-0.012731	0.001367	-0.009101	0.020948	0.008499	-0.011423
	-0.006841	0.005408	-0.004289	-0.021296	-0.016522	0.015158
	0.007295	0.007397	0.002798	0.001216	0.002212	-0.026524
	-0.007188					
y104	-0.014157	-0.000274	0.016669	-0.005994	-0.008715	-0.022657
	-0.000752	-0.008405	-0.004453	0.036959	0.011821	-0.001069
	0.036331	-0.003418	-0.016442	-0.020298	0.002754	-0.002246
	-0.013032	-0.017837	-0.004495	-0.007545	-0.006581	-0.012251
	-0.012972	-0.024590	0.000921	0.019183	0.020045	-0.002003
	-0.029024					
z104	-0.037537	-0.009870	-0.007535	-0.001814	-0.015585	0.000186
	-0.006307	0.013585	0.000382	0.004032	-0.039891	-0.002425
	-0.020691	0.013038	-0.005729	0.001994	-0.001697	0.009847
	-0.008315	0.006441	0.028373	0.024990	0.041244	-0.005523
	0.021882	0.016526	0.011083	-0.010540	-0.005421	-0.008241
	0.011875					

x105	-0.000867	-0.029019	0.026101	-0.022621	0.017870	0.011282
	0.013522	-0.018319	-0.030667	-0.004939	-0.030158	0.029400
	-0.011333	-0.003085	-0.009151	0.017215	0.010788	-0.010399
	-0.008585	-0.001234	-0.003651	-0.021907	-0.020531	0.017644
	0.007087	0.009559	-0.000636	0.004400	-0.001573	-0.026986
	-0.010415					
y105	-0.013620	0.000067	0.015642	-0.007460	-0.008443	-0.021000
	0.001427	-0.008600	-0.003907	0.034098	0.011329	-0.002668
	0.036500	-0.003323	-0.017083	-0.020561	0.001727	-0.001391
	-0.012755	-0.019747	-0.003157	-0.007142	-0.006412	-0.008742
	-0.010708	-0.025653	-0.001698	0.024179	0.022474	0.000635
	-0.030435					
z105	-0.037971	-0.010419	-0.003914	-0.002199	-0.015761	0.000098
	-0.005589	0.011883	-0.001450	0.004954	-0.040118	0.000504
	-0.021830	0.012679	-0.004942	0.004841	-0.002446	0.011631
	-0.010311	0.007471	0.027217	0.021325	0.036127	-0.004134
	0.021573	0.016633	0.011621	-0.011347	-0.005920	-0.009643
	0.010930					
x106	0.000259	-0.028559	0.027110	-0.021134	0.018205	0.011456
	0.015225	-0.019074	-0.029145	-0.008157	-0.029513	0.026994
	-0.009215	-0.004345	-0.009522	0.012877	0.011091	-0.008494
	-0.011268	-0.007836	-0.003370	-0.021431	-0.022173	0.019747
	0.008023	0.013003	-0.006576	0.004254	-0.003077	-0.024099
	-0.017264					
y106	-0.012705	0.000747	0.014420	-0.008895	-0.008467	-0.019158
	0.002961	-0.007182	-0.003341	0.030282	0.012467	-0.003144
	0.034184	-0.005341	-0.017027	-0.019005	0.002801	-0.002354
	-0.009604	-0.019727	-0.001182	-0.007140	-0.008310	-0.004901
	-0.010334	-0.027760	0.000329	0.032395	0.021501	0.000279
	-0.021431					
z106	-0.038249	-0.011308	-0.000770	-0.002581	-0.015376	0.000209
	-0.005117	0.009666	-0.003038	0.004906	-0.041223	0.002671
	-0.021868	0.013343	-0.004342	0.005836	-0.003369	0.014243
	-0.011697	0.008658	0.027854	0.017880	0.032276	-0.003810
	0.023068	0.016686	0.010352	-0.011386	-0.005326	-0.011515
	0.007709					
x107	0.001709	-0.028053	0.027378	-0.019596	0.017900	0.011786
	0.016305	-0.019176	-0.027265	-0.012154	-0.027864	0.025063
	-0.008500	-0.006747	-0.008728	0.010341	0.012182	-0.006502
	-0.010759	-0.012242	0.000055	-0.022217	-0.024126	0.022352
	0.009037	0.014565	-0.009352	0.009282	-0.003797	-0.023688
	-0.014367					

y107	-0.012647	0.000942	0.013938	-0.009540	-0.007451	-0.017278
	0.005134	-0.006633	-0.002678	0.026675	0.012881	-0.003687
	0.032009	-0.002747	-0.017172	-0.019431	0.001834	-0.004512
	-0.010724	-0.020101	-0.002640	-0.003916	-0.008344	-0.002610
	-0.010498	-0.027248	-0.001618	0.031105	0.021190	0.004256
	-0.022266					
z107	-0.038259	-0.011923	0.002185	-0.003144	-0.014800	0.000317
	-0.005044	0.006859	-0.004392	0.005476	-0.042011	0.006209
	-0.022442	0.012860	-0.004182	0.006957	-0.003188	0.016913
	-0.011335	0.009858	0.028694	0.012491	0.028851	-0.000998
	0.025945	0.018364	0.009478	-0.009146	-0.003354	-0.012011
	0.006237					
x108	0.003184	-0.027632	0.027292	-0.017714	0.017350	0.012053
	0.017191	-0.019117	-0.024631	-0.016376	-0.024953	0.023749
	-0.007946	-0.006796	-0.008390	0.007711	0.012422	-0.004506
	-0.009904	-0.015453	0.004037	-0.020667	-0.023896	0.022823
	0.009925	0.015717	-0.011707	0.013949	-0.003039	-0.021724
	-0.009825					
y108	-0.013039	0.001312	0.015931	-0.010286	-0.006491	-0.016359
	0.006937	-0.004368	-0.001602	0.023481	0.010965	-0.006668
	0.026778	-0.002565	-0.010375	-0.018366	0.001284	-0.010234
	-0.014311	-0.022986	-0.006174	-0.001109	-0.014083	-0.000517
	-0.011458	-0.027499	-0.001051	0.030000	0.017974	0.007649
	-0.026079					
z108	-0.037968	-0.013008	0.004513	-0.003498	-0.013855	0.000750
	-0.005324	0.004041	-0.005528	0.003614	-0.042500	0.010478
	-0.022458	0.013285	-0.005688	0.006213	-0.002981	0.019918
	-0.009861	0.009717	0.029475	0.007516	0.025671	0.001490
	0.027768	0.021286	0.007817	-0.006982	-0.001236	-0.011780
	0.007760					
x109	0.004656	-0.027543	0.027475	-0.015857	0.016939	0.011848
	0.017812	-0.019044	-0.021693	-0.019602	-0.022690	0.021748
	-0.006396	-0.007356	-0.007557	0.004941	0.011491	-0.000579
	-0.009142	-0.018630	0.009742	-0.019169	-0.023406	0.021829
	0.011030	0.016333	-0.012558	0.018777	-0.002243	-0.017625
	-0.005045					
y109	-0.013423	0.000933	0.015820	-0.010714	-0.004941	-0.015315
	0.008114	-0.003155	-0.000139	0.017533	0.008486	-0.010156
	0.023970	-0.004616	-0.008226	-0.018609	0.000226	-0.012730
	-0.014953	-0.025816	-0.007138	-0.000855	-0.018980	0.005644
	-0.008879	-0.024558	-0.001158	0.029716	0.015842	0.014141
	-0.021552					

z109	-0.037788	-0.013945	0.007211	-0.003755	-0.012858	0.001182
	-0.005044	0.001524	-0.006437	0.001700	-0.042235	0.014914
	-0.023740	0.015215	-0.005802	0.005762	-0.002042	0.023728
	-0.008020	0.010403	0.031301	0.003628	0.022050	0.003004
	0.027506	0.022526	0.003597	-0.005586	-0.003658	-0.013975
	0.006509					
x110	0.005697	-0.027242	0.026578	-0.013698	0.015982	0.011785
	0.019261	-0.018798	-0.017915	-0.024004	-0.018609	0.019337
	-0.005686	-0.006560	-0.007104	0.003041	0.010805	0.004037
	-0.007983	-0.020704	0.017615	-0.017046	-0.021372	0.021730
	0.012702	0.017989	-0.015151	0.022900	-0.001617	-0.013080
	0.004515					
y110	-0.014553	0.000517	0.013116	-0.010666	-0.003934	-0.012371
	0.011872	-0.003562	0.001794	0.012309	0.012299	-0.010820
	0.020648	-0.001654	-0.011369	-0.017539	0.002825	-0.012689
	-0.013043	-0.022597	-0.007554	-0.001442	-0.018871	0.012573
	-0.006770	-0.022686	-0.005340	0.025835	0.011895	0.015088
	-0.017951					
z110	-0.037282	-0.014713	0.009518	-0.004279	-0.011225	0.001418
	-0.005263	-0.001175	-0.006657	-0.001613	-0.042880	0.018468
	-0.024270	0.015886	-0.005373	0.004334	-0.001659	0.028443
	-0.005317	0.009979	0.034403	-0.000370	0.019325	0.004829
	0.028614	0.025212	-0.001494	-0.002611	-0.005817	-0.013157
	0.007019					
x111	0.006984	-0.027246	0.025339	-0.011351	0.014854	0.011803
	0.020330	-0.019143	-0.013727	-0.028046	-0.013882	0.016921
	-0.004612	-0.005814	-0.006253	0.000563	0.008560	0.009770
	-0.006758	-0.022187	0.025266	-0.015449	-0.017325	0.021341
	0.014694	0.018018	-0.015683	0.028342	-0.000578	-0.006966
	0.013982					
y111	-0.015164	-0.000319	0.011351	-0.010590	-0.002474	-0.009563
	0.013382	-0.003855	0.002762	0.008443	0.013498	-0.010731
	0.017449	0.000576	-0.010449	-0.018101	0.001436	-0.014446
	-0.013062	-0.021867	-0.014309	-0.002284	-0.021087	0.018048
	-0.007240	-0.021281	-0.005022	0.021223	0.009578	0.019556
	-0.020055					
z111	-0.036995	-0.015661	0.011298	-0.004530	-0.009044	0.001693
	-0.004990	-0.003675	-0.006151	-0.006331	-0.043232	0.021471
	-0.025438	0.016598	-0.005297	0.002699	0.000811	0.032668
	-0.001773	0.009394	0.039251	-0.004255	0.015888	0.006644
	0.031045	0.027767	-0.007133	0.001034	-0.008589	-0.013030
	0.010344					

x112	0.011534	-0.024806	0.022118	-0.008906	0.015886	0.012926
	0.024661	-0.017605	-0.012035	-0.026059	-0.006582	0.008078
	-0.003867	-0.003190	0.001361	-0.003482	0.003828	0.003583
	-0.014160	-0.021624	0.015739	-0.006395	-0.021319	0.021524
	0.002971	0.009125	-0.016895	0.020384	0.006597	0.006721
	0.016019					
y112	-0.014920	-0.002495	0.010095	-0.010718	-0.003356	-0.008226
	0.010120	-0.003306	0.004621	0.000908	0.013716	-0.017305
	0.016491	-0.002495	-0.007891	-0.014198	0.000059	-0.016814
	-0.004289	-0.015725	-0.013883	-0.003331	-0.018323	0.016529
	-0.010100	-0.024859	0.001371	0.016779	0.006830	0.016567
	-0.023557					
z112	-0.031748	-0.015060	0.016255	-0.008144	-0.004874	0.001630
	0.000542	-0.001590	-0.003928	-0.011455	-0.035358	0.013350
	-0.024276	0.008741	0.002872	-0.004293	0.007536	0.026042
	0.001074	0.003403	0.038025	-0.003634	0.002737	0.010096
	0.020329	0.019856	-0.006742	-0.004861	-0.007655	-0.001365
	0.004516					
x113	0.014730	-0.022908	0.019388	-0.008245	0.015662	0.013086
	0.027985	-0.016355	-0.011765	-0.025704	-0.001148	0.002625
	-0.004143	-0.001734	0.005554	-0.004963	-0.000487	0.000929
	-0.014888	-0.017457	0.011832	-0.000137	-0.021717	0.022426
	-0.005590	0.005565	-0.016327	0.017912	0.016638	0.014228
	0.018727					
y113	-0.016104	-0.003995	0.008565	-0.011706	-0.004937	-0.010327
	0.005189	-0.002328	0.004858	-0.003091	0.011364	-0.019309
	0.014724	-0.008365	-0.006803	-0.008400	-0.002930	-0.015984
	0.009847	-0.008609	-0.005848	-0.003291	-0.014694	0.018036
	-0.013005	-0.023811	0.009154	0.013769	0.009995	0.007074
	-0.026933					
z113	-0.026859	-0.014995	0.018764	-0.009875	-0.000954	0.001888
	0.003987	0.001367	-0.000491	-0.015389	-0.027984	0.006564
	-0.022587	0.003401	0.010195	-0.010690	0.013996	0.020226
	0.002308	-0.001089	0.035808	-0.003424	-0.008514	0.011815
	0.012564	0.014549	-0.007106	-0.010910	-0.007264	0.009220
	0.002507					
x114	0.016872	-0.021161	0.017063	-0.006351	0.017215	0.015156
	0.029748	-0.015945	-0.008509	-0.025462	0.003278	-0.002105
	-0.004455	0.001946	0.009726	-0.009865	-0.003323	-0.007691
	-0.017993	-0.018220	0.004199	0.005603	-0.022916	0.025148
	-0.013526	0.004239	-0.018338	0.013778	0.027191	0.024070
	0.017808					

y114	-0.017324	-0.006030	0.006726	-0.009932	-0.003439	-0.008572
	-0.000167	-0.001116	0.011366	-0.009573	0.010586	-0.020428
	0.014492	-0.008223	-0.006098	-0.012890	-0.002745	-0.024049
	0.017224	-0.009484	-0.008535	-0.002336	-0.011526	0.022847
	-0.011448	-0.015954	0.010133	0.013869	0.014558	0.005827
	-0.027772					
z114	-0.022536	-0.015152	0.019947	-0.010797	0.001638	0.002293
	0.005967	0.004443	0.002788	-0.019035	-0.020849	0.002467
	-0.020295	-0.000306	0.016968	-0.016622	0.019631	0.014495
	0.004184	-0.005235	0.032052	-0.003170	-0.014565	0.011888
	0.007295	0.011985	-0.006102	-0.014688	-0.004838	0.018218
	0.001554					
x115	0.017411	-0.019213	0.014219	-0.004967	0.018402	0.016238
	0.031219	-0.016031	-0.006676	-0.024105	0.007814	-0.004917
	-0.005839	0.001103	0.012230	-0.013827	-0.004328	-0.009731
	-0.020348	-0.017610	0.000766	0.009904	-0.023376	0.025381
	-0.018259	0.005249	-0.021250	0.009294	0.032660	0.030343
	0.018281					
y115	-0.019055	-0.006492	0.004900	-0.009044	-0.002260	-0.008655
	-0.003802	-0.000387	0.013706	-0.010296	0.010181	-0.019534
	0.012093	-0.013549	-0.005017	-0.013451	-0.004315	-0.023208
	0.019278	-0.007037	-0.005886	0.000302	-0.011685	0.023485
	-0.008712	-0.013539	0.011376	0.009637	0.009754	0.001834
	-0.028317					
z115	-0.018495	-0.015138	0.019757	-0.011098	0.004020	0.003204
	0.007037	0.007035	0.006135	-0.021243	-0.014213	0.000201
	-0.017587	-0.002220	0.021579	-0.021459	0.023434	0.008547
	0.005479	-0.008440	0.028006	-0.002973	-0.017441	0.011805
	0.003603	0.011418	-0.005953	-0.018137	-0.002307	0.025769
	0.001937					
x116	0.017075	-0.017361	0.010905	-0.003523	0.018251	0.016398
	0.031441	-0.016471	-0.006958	-0.021379	0.009924	-0.007325
	-0.007938	-0.001735	0.014271	-0.012651	-0.003303	-0.009650
	-0.020574	-0.015728	0.002529	0.013246	-0.022028	0.021074
	-0.023210	0.004888	-0.022352	0.004522	0.036666	0.030552
	0.020020					
y116	-0.020288	-0.006038	0.002713	-0.008681	-0.002703	-0.009502
	-0.005901	-0.000941	0.011780	-0.005866	0.008163	-0.018037
	0.007286	-0.020974	-0.002684	-0.005190	-0.007486	-0.018042
	0.018998	-0.002126	0.002323	0.004667	-0.012773	0.020784
	-0.009791	-0.019566	0.016529	-0.001185	0.001628	-0.005548
	-0.029666					

z116	-0.014539	-0.013818	0.018934	-0.012079	0.005278	0.002979
	0.008731	0.007950	0.006763	-0.018703	-0.009207	-0.001664
	-0.016314	-0.005261	0.024047	-0.019130	0.023646	0.005999
	0.005086	-0.007361	0.029033	-0.002139	-0.020047	0.010291
	-0.000783	0.005845	-0.005182	-0.025065	-0.003014	0.028341
	0.001901					
x117	0.015721	-0.016678	0.008106	-0.001344	0.018383	0.017011
	0.028815	-0.015678	-0.005922	-0.018813	0.011816	-0.005827
	-0.008423	-0.002946	0.016007	-0.013584	-0.002491	-0.011729
	-0.019541	-0.017578	0.000066	0.012806	-0.020450	0.016189
	-0.025252	0.006572	-0.025721	0.003554	0.040307	0.032986
	0.020341					
y117	-0.021430	-0.007543	-0.000153	-0.006592	-0.002735	-0.007563
	-0.009844	0.000293	0.013424	-0.004913	0.008585	-0.011692
	0.005774	-0.022983	-0.000538	-0.006696	-0.008494	-0.016086
	0.016783	-0.003459	-0.001283	0.006726	-0.010218	0.018578
	-0.004060	-0.016633	0.018386	-0.002076	-0.002957	-0.006934
	-0.024068					
z117	-0.011009	-0.014240	0.016751	-0.010776	0.006141	0.004882
	0.008772	0.009562	0.009709	-0.019743	-0.003169	0.000856
	-0.011902	-0.003600	0.026514	-0.024363	0.026811	0.000444
	0.005360	-0.011677	0.021619	-0.003034	-0.015259	0.009818
	0.003154	0.010648	-0.006910	-0.023399	0.001047	0.036128
	0.009372					
x118	0.013124	-0.015908	0.005405	-0.000120	0.018650	0.017519
	0.023836	-0.015037	-0.005283	-0.013930	0.012600	-0.002312
	-0.009388	-0.003852	0.015833	-0.013068	-0.004602	-0.012311
	-0.018370	-0.016442	-0.001369	0.012606	-0.014855	0.007905
	-0.028274	0.006288	-0.025784	-0.000712	0.041343	0.029776
	0.013052					
y118	-0.022640	-0.007723	-0.003212	-0.005274	-0.002299	-0.006778
	-0.014016	0.000240	0.013985	0.002241	0.008711	-0.004159
	0.002813	-0.023798	-0.000533	-0.002780	-0.015135	-0.009253
	0.010645	0.002511	-0.002295	0.010775	-0.007858	0.012611
	-0.000619	-0.021474	0.022517	-0.011528	-0.009988	-0.013319
	-0.029322					
z118	-0.007755	-0.013337	0.014333	-0.009415	0.006116	0.005198
	0.008883	0.009034	0.009728	-0.012420	0.001933	0.005328
	-0.009192	-0.001963	0.026754	-0.022377	0.022799	-0.000531
	0.001828	-0.010510	0.016592	-0.000802	-0.007493	0.007498
	0.005116	0.007228	-0.008827	-0.032649	0.002323	0.043013
	0.004742					

x119	0.009162	-0.016026	0.001553	-0.000189	0.017800	0.018629
	0.018339	-0.013957	-0.003690	-0.013427	0.011730	0.000545
	-0.010951	-0.006592	0.014288	-0.011845	-0.001402	-0.012579
	-0.014963	-0.014990	0.003469	0.009767	-0.011826	-0.001807
	-0.031024	0.009172	-0.020398	0.001343	0.042813	0.018416
	0.007611					
y119	-0.024435	-0.007954	-0.006590	-0.003861	-0.001864	-0.006116
	-0.018681	0.001668	0.016429	0.007492	0.006757	0.003785
	0.000687	-0.023928	-0.001700	0.001487	-0.020187	-0.003338
	0.003379	0.009523	-0.003367	0.012416	-0.009658	0.005241
	0.004506	-0.023346	0.027239	-0.015494	-0.018470	-0.023274
	-0.028419					
z119	-0.004926	-0.012737	0.009982	-0.008775	0.004040	0.004870
	0.007596	0.011462	0.011479	-0.009936	0.005253	0.008456
	-0.006402	0.000737	0.024039	-0.018713	0.019129	-0.004055
	0.003158	-0.001765	0.014722	0.001726	0.000533	-0.000169
	0.007959	0.003786	-0.002451	-0.030421	0.007907	0.037571
	0.008365					
x120	0.004291	-0.016753	-0.001399	-0.000576	0.017763	0.020540
	0.011861	-0.014591	-0.002952	-0.011940	0.010238	0.005073
	-0.012614	-0.009743	0.013693	-0.010702	0.004594	-0.010852
	-0.009461	-0.017525	0.008244	0.005874	-0.010613	-0.008749
	-0.032387	0.015985	-0.017872	0.001034	0.042758	0.008600
	0.002199					
y120	-0.026741	-0.008081	-0.007589	-0.001546	-0.001949	-0.006606
	-0.022781	0.004498	0.017325	0.014383	0.002839	0.013924
	-0.002983	-0.027311	-0.001251	0.005046	-0.026923	0.003246
	-0.008785	0.010645	-0.005490	0.015868	-0.013740	0.000046
	0.008002	-0.023438	0.029496	-0.020401	-0.032446	-0.031249
	-0.023820					
z120	-0.003240	-0.010910	0.002415	-0.007501	0.004000	0.004871
	0.004408	0.010856	0.014908	-0.006256	0.007249	0.009687
	-0.000625	0.005171	0.021696	-0.011123	0.017645	-0.005874
	0.000521	0.004262	0.011685	-0.000355	0.004018	-0.000172
	0.012928	0.007694	0.001469	-0.032833	0.009202	0.032684
	0.014577					
x121	0.001908	-0.016272	-0.001218	-0.002085	0.017028	0.020302
	0.014496	-0.014110	-0.004718	-0.011661	0.007202	0.003926
	-0.012361	-0.014024	0.010562	-0.004237	0.008511	-0.010970
	-0.011747	-0.014257	0.008349	0.003541	-0.013870	-0.010227
	-0.035131	0.019274	-0.018104	-0.001093	0.042084	0.006668
	0.005545					

y121	-0.026161	-0.009486	-0.004800	-0.003675	-0.004714	-0.005236
	-0.023635	0.004021	0.016600	0.013449	0.000885	0.014173
	-0.001279	-0.028721	0.002945	0.003028	-0.024515	0.001984
	-0.002565	0.013776	-0.003240	0.019915	-0.009124	0.002158
	0.014032	-0.015578	0.034913	-0.025272	-0.038599	-0.039801
	-0.012697					
z121	-0.003313	-0.010271	-0.001100	-0.007760	0.002837	0.006270
	0.004096	0.006718	0.015321	-0.001230	0.007249	0.009159
	0.001174	0.005610	0.022659	-0.007175	0.018408	-0.005891
	-0.001580	0.010952	0.012028	0.001222	0.012189	-0.000725
	0.021981	0.008349	0.005205	-0.040897	0.008017	0.030632
	0.007202					
x122	-0.000402	-0.016224	-0.000906	-0.003364	0.016485	0.019918
	0.016720	-0.013455	-0.006197	-0.011703	0.005341	0.002780
	-0.011771	-0.017922	0.008046	-0.000437	0.012856	-0.010713
	-0.012351	-0.011352	0.008572	0.002440	-0.015556	-0.012043
	-0.035767	0.021986	-0.018144	-0.001819	0.041111	0.004716
	0.008638					
y122	-0.025780	-0.010517	-0.002049	-0.005713	-0.007153	-0.004816
	-0.024059	0.003420	0.014845	0.013496	-0.000977	0.014128
	0.000321	-0.029680	0.004837	0.002461	-0.022139	0.001354
	0.002635	0.016510	-0.000282	0.022352	-0.006770	0.005571
	0.017027	-0.010042	0.038870	-0.029474	-0.043123	-0.046796
	-0.003348					
z122	-0.003194	-0.009014	-0.004083	-0.008553	0.000312	0.006341
	0.003159	0.005595	0.014121	0.003303	0.006275	0.007945
	0.001872	0.002760	0.023031	0.000078	0.020467	-0.006227
	-0.001714	0.017764	0.014131	0.004443	0.013963	-0.003530
	0.025820	0.003964	0.010480	-0.044287	0.004310	0.019948
	0.006211					
x123	-0.002607	-0.016093	-0.000791	-0.004572	0.016193	0.019066
	0.018576	-0.012927	-0.007437	-0.010926	0.004415	0.001412
	-0.010999	-0.021766	0.005919	0.002923	0.016236	-0.009865
	-0.012765	-0.008180	0.009508	0.002002	-0.016738	-0.014412
	-0.035426	0.022914	-0.017390	-0.002058	0.038637	0.002511
	0.010121					
y123	-0.025683	-0.011604	0.000328	-0.007570	-0.009088	-0.004657
	-0.024264	0.003179	0.013230	0.013745	-0.002551	0.013753
	0.002202	-0.029194	0.006539	0.000956	-0.019547	-0.000152
	0.006733	0.018241	0.001278	0.023836	-0.004563	0.007956
	0.019499	-0.005016	0.042109	-0.030633	-0.044592	-0.049279
	0.005508					

z123	-0.003198	-0.008126	-0.006844	-0.008103	-0.002097	0.006157
	0.001335	0.005944	0.013087	0.003864	0.006917	0.007090
	0.003787	0.000379	0.022463	0.002691	0.025573	-0.007672
	0.000594	0.019608	0.013249	0.005584	0.013659	-0.004093
	0.028037	0.002315	0.013925	-0.040420	-0.000379	0.007345
	0.009825					
x124	-0.004844	-0.016148	-0.001087	-0.005476	0.016256	0.018177
	0.019596	-0.012492	-0.007972	-0.010388	0.004284	0.000379
	-0.010108	-0.024837	0.004235	0.004896	0.018979	-0.008894
	-0.012765	-0.006043	0.009918	0.001624	-0.015636	-0.017095
	-0.034215	0.023580	-0.016368	-0.001315	0.035285	0.001251
	0.010064					
y124	-0.025860	-0.012290	0.002234	-0.008955	-0.010597	-0.005334
	-0.024038	0.002905	0.010997	0.015241	-0.003677	0.013130
	0.003984	-0.027443	0.007191	-0.000082	-0.017062	-0.001058
	0.009360	0.019540	0.002576	0.023985	-0.003603	0.009919
	0.020211	-0.001958	0.043546	-0.030277	-0.044970	-0.049081
	0.011428					
z124	-0.003528	-0.006786	-0.009216	-0.007847	-0.003961	0.005453
	-0.000182	0.005165	0.011986	0.006272	0.006883	0.006176
	0.003893	-0.001121	0.022283	0.006450	0.027326	-0.007539
	0.000468	0.017652	0.012755	0.006607	0.015475	-0.006054
	0.026811	0.000316	0.015209	-0.040388	-0.005975	0.003590
	0.005128					
x125	-0.006980	-0.016120	-0.001814	-0.006105	0.016567	0.017224
	0.019889	-0.012037	-0.007785	-0.009479	0.005047	-0.000969
	-0.008833	-0.027698	0.002886	0.006236	0.021016	-0.007750
	-0.012628	-0.003983	0.010640	0.001782	-0.014219	-0.019836
	-0.032233	0.022922	-0.015028	-0.000526	0.031496	-0.000277
	0.008891					
y125	-0.026216	-0.012730	0.003521	-0.009943	-0.011952	-0.006386
	-0.023598	0.002801	0.008844	0.017214	-0.004440	0.012207
	0.005968	-0.024122	0.006942	-0.001146	-0.014417	-0.001803
	0.010810	0.019440	0.002932	0.022866	-0.003146	0.011005
	0.018843	-0.000253	0.043213	-0.027550	-0.043821	-0.045572
	0.015498					
z125	-0.004111	-0.005351	-0.010997	-0.007096	-0.004687	0.004383
	-0.001649	0.004582	0.010626	0.008152	0.007261	0.003628
	0.004810	-0.002430	0.021203	0.008293	0.029065	-0.010092
	-0.000361	0.013155	0.011562	0.006584	0.013869	-0.005379
	0.025217	-0.000570	0.014198	-0.039323	-0.007985	0.001856
	0.002489					

x126	-0.009109	-0.016157	-0.002882	-0.006496	0.016924	0.016151
	0.019524	-0.011380	-0.007316	-0.008098	0.006695	-0.002679
	-0.007394	-0.030564	0.002106	0.006650	0.023033	-0.006103
	-0.011823	-0.002046	0.011862	0.002450	-0.011860	-0.023348
	-0.029482	0.020665	-0.012906	0.000698	0.025993	-0.002283
	0.006409					
y126	-0.026858	-0.012873	0.004369	-0.010601	-0.012815	-0.008069
	-0.022924	0.002767	0.006574	0.019787	-0.004446	0.010881
	0.008329	-0.019692	0.005608	-0.002537	-0.011376	-0.003062
	0.011322	0.017491	0.001687	0.020374	-0.003149	0.011366
	0.016695	0.000027	0.041198	-0.022415	-0.040830	-0.038930
	0.018606					
z126	-0.004413	-0.004768	-0.013122	-0.005569	-0.007083	0.003722
	-0.004059	0.005404	0.008000	0.008762	0.007469	0.001037
	0.005762	-0.002133	0.021425	0.009587	0.030852	-0.013142
	-0.002484	0.008179	0.009640	0.004692	0.012030	-0.004112
	0.020347	0.001085	0.011146	-0.037107	-0.011843	0.004642
	0.004180					
x127	-0.011368	-0.016303	-0.004234	-0.006598	0.017653	0.014995
	0.018443	-0.010390	-0.005943	-0.006239	0.009198	-0.004537
	-0.005621	-0.033362	0.002011	0.005655	0.025107	-0.003486
	-0.010357	-0.000423	0.013627	0.003975	-0.008238	-0.027268
	-0.026192	0.017491	-0.009729	0.002739	0.019088	-0.005002
	0.002411					
y127	-0.027731	-0.012734	0.004612	-0.010886	-0.013437	-0.010525
	-0.022107	0.002757	0.003821	0.023246	-0.003506	0.009299
	0.010741	-0.014048	0.002852	-0.003738	-0.008168	-0.004523
	0.010421	0.013894	-0.000243	0.016329	-0.004333	0.010759
	0.013326	-0.001569	0.037465	-0.015867	-0.037388	-0.029425
	0.021277					
z127	-0.004867	-0.003497	-0.014601	-0.005096	-0.008982	0.002899
	-0.006167	0.007910	0.006563	0.008612	0.006217	-0.000607
	0.004975	-0.003804	0.021484	0.009458	0.033050	-0.014357
	-0.002650	0.004098	0.009014	0.003940	0.007070	-0.001666
	0.012370	0.001744	0.012441	-0.031558	-0.015229	0.009588
	0.006596					
x128	-0.013685	-0.016883	-0.005954	-0.006194	0.018728	0.013999
	0.016800	-0.009685	-0.003795	-0.003970	0.013096	-0.006340
	-0.002768	-0.034907	0.002616	0.002828	0.027022	-0.000757
	-0.008796	0.001418	0.015268	0.005762	-0.001919	-0.031718
	-0.021731	0.013304	-0.006703	0.005275	0.011482	-0.007648
	-0.003310					

y128	-0.028923	-0.012556	0.004057	-0.010831	-0.013653	-0.013364
	-0.021245	0.002600	0.000287	0.027150	-0.001298	0.007728
	0.014099	-0.007056	-0.002066	-0.005247	-0.004647	-0.006151
	0.008040	0.008603	-0.003543	0.011097	-0.006120	0.010301
	0.009358	-0.005598	0.033330	-0.006557	-0.032710	-0.016686
	0.023250					
z128	-0.005956	-0.002124	-0.014779	-0.005258	-0.009335	0.003984
	-0.007482	0.012928	0.010930	0.003564	0.002093	-0.001132
	0.001746	-0.005617	0.022990	0.001774	0.038594	-0.015156
	0.001201	-0.002804	0.009145	0.004857	-0.000347	-0.000188
	0.002195	0.008181	0.015105	-0.018163	-0.012568	0.014030
	0.012375					
x129	-0.027061	-0.003960	-0.011837	-0.019237	0.015221	0.020081
	-0.006255	-0.040143	0.000776	-0.008279	0.031410	-0.003175
	-0.013849	-0.039462	0.020051	0.001271	0.010754	-0.009030
	0.005172	-0.027852	0.006624	0.013791	0.029041	-0.016572
	-0.032472	0.034094	0.013026	0.039092	-0.010541	0.002677
	-0.001097					
y129	-0.033697	-0.022747	-0.002161	-0.007491	-0.017218	-0.010608
	-0.017010	0.014741	-0.003407	0.027883	0.000904	0.000979
	0.013440	-0.012144	0.001116	0.000335	-0.005598	-0.009238
	0.009718	0.001620	0.003299	0.000027	-0.022345	0.006373
	0.033573	-0.019513	-0.011672	-0.012415	-0.017917	0.015736
	0.002645					
z129	-0.003934	-0.001404	-0.026733	-0.000481	-0.013055	0.009063
	-0.002604	0.020364	0.013153	0.004833	-0.007687	-0.014609
	0.008829	-0.030028	0.022464	-0.000099	0.046604	0.008045
	0.001208	-0.005055	0.012348	-0.003253	-0.001403	0.002776
	-0.007475	-0.010600	0.016640	-0.004244	0.001978	0.017600
	0.014680					
x130	-0.026399	-0.005672	-0.011331	-0.016616	0.015279	0.019133
	-0.005969	-0.037571	-0.004560	-0.004085	0.029935	-0.003373
	-0.016224	-0.034873	0.020081	0.006730	0.009356	-0.008683
	0.002390	-0.022441	0.008241	0.015710	0.021078	-0.013720
	-0.027484	0.025371	0.010636	0.035384	-0.006818	0.006085
	-0.000120					
y130	-0.033054	-0.023121	-0.001101	-0.008082	-0.017885	-0.011255
	-0.018011	0.014504	-0.002945	0.024879	0.000702	0.000964
	0.016071	-0.009039	0.000425	-0.006867	-0.003114	-0.012666
	0.013235	-0.003256	-0.001815	-0.002636	-0.015324	0.008454
	0.034172	-0.010055	-0.018934	-0.007780	-0.018000	0.015010
	0.005240					

z130	-0.006333	0.001876	-0.027788	-0.002144	-0.013254	0.008993
	-0.003284	0.018485	0.012661	0.006359	-0.006313	-0.012569
	0.003416	-0.029761	0.020814	-0.000793	0.045651	0.006901
	-0.000596	-0.010444	0.013167	-0.002083	0.000694	0.001489
	-0.008130	-0.015632	0.015163	0.000279	-0.004892	0.015727
	0.014930					
x131	-0.025500	-0.007982	-0.010749	-0.013762	0.014160	0.018657
	-0.005889	-0.034919	-0.011281	-0.000131	0.028072	-0.003834
	-0.016467	-0.030656	0.020970	0.014366	0.007572	-0.008517
	-0.000261	-0.015636	0.009392	0.015385	0.015553	-0.011570
	-0.024112	0.017489	0.005316	0.031409	-0.005019	0.008296
	0.002768					
y131	-0.032398	-0.022782	0.000151	-0.008465	-0.019033	-0.012463
	-0.018854	0.013871	-0.005494	0.025033	-0.001053	0.000767
	0.018755	-0.007635	-0.000875	-0.007151	-0.003468	-0.012771
	0.013967	-0.003213	-0.003006	-0.005900	-0.012035	0.009235
	0.028659	-0.008719	-0.025655	-0.008046	-0.021472	0.012964
	0.007880					
z131	-0.008615	0.004774	-0.028510	-0.003505	-0.013155	0.008584
	-0.004032	0.016621	0.012692	0.007057	-0.005064	-0.011243
	-0.001777	-0.028909	0.019303	-0.002938	0.044464	0.005595
	-0.002301	-0.015146	0.015731	-0.000083	0.001696	0.000898
	-0.008392	-0.019063	0.014466	0.005014	-0.009936	0.014740
	0.015923					
x132	-0.025382	-0.008563	-0.010087	-0.012919	0.017397	0.019026
	-0.004998	-0.032903	-0.010401	0.001973	0.025848	-0.001702
	-0.020085	-0.029488	0.016053	0.012860	0.006519	-0.006351
	-0.000737	-0.012235	0.010476	0.017570	0.005278	-0.007085
	-0.021657	0.010042	0.009906	0.031675	-0.001259	0.012316
	0.000812					
y132	-0.031654	-0.022417	0.000884	-0.009314	-0.017766	-0.014031
	-0.019619	0.012960	-0.003991	0.024139	-0.001129	0.001253
	0.020232	-0.007530	-0.003809	-0.012566	-0.002206	-0.012646
	0.015417	-0.005672	-0.006885	-0.008214	-0.012586	0.011869
	0.026454	-0.005372	-0.027493	-0.006670	-0.023538	0.012079
	0.013015					
z132	-0.010839	0.007229	-0.028910	-0.004433	-0.013443	0.008184
	-0.004865	0.015201	0.012695	0.007879	-0.004439	-0.010440
	-0.005814	-0.027570	0.018006	-0.003942	0.042604	0.004142
	-0.003772	-0.019278	0.017901	0.001945	0.002115	0.000966
	-0.008892	-0.021157	0.013528	0.008968	-0.014363	0.011796
	0.015052					

x133	-0.025504	-0.008887	-0.009030	-0.012666	0.019525	0.019696
	-0.003364	-0.031296	-0.010088	0.004118	0.022346	0.000342
	-0.023921	-0.029274	0.011391	0.012548	0.003713	-0.004568
	-0.001889	-0.007887	0.014629	0.019266	-0.001846	-0.004194
	-0.021000	0.000341	0.014291	0.029330	0.003158	0.014521
	-0.004154					
y133	-0.031151	-0.021491	0.001931	-0.010387	-0.017528	-0.016158
	-0.018568	0.011680	-0.003439	0.025245	-0.002890	0.001853
	0.020247	-0.008187	-0.006483	-0.015526	-0.003586	-0.012662
	0.014958	-0.005860	-0.004887	-0.010739	-0.013032	0.011113
	0.022187	-0.007430	-0.025735	-0.008859	-0.025024	0.010327
	0.011779					
z133	-0.012951	0.008972	-0.029251	-0.004869	-0.013958	0.007989
	-0.005915	0.014140	0.012665	0.008684	-0.003782	-0.010668
	-0.008169	-0.026052	0.017465	-0.004418	0.040836	0.002594
	-0.005211	-0.023060	0.017906	0.004294	0.001915	0.001954
	-0.009482	-0.021857	0.012752	0.014139	-0.017721	0.008411
	0.013573					
x134	-0.025137	-0.010306	-0.007943	-0.011890	0.019362	0.020713
	-0.002444	-0.029598	-0.012023	0.005377	0.020350	0.002388
	-0.025076	-0.027295	0.009390	0.014454	0.002258	-0.004632
	-0.003040	-0.003794	0.014441	0.019029	-0.004783	-0.001749
	-0.019824	-0.004820	0.012020	0.026950	0.007907	0.016374
	-0.004875					
y134	-0.030555	-0.020906	0.003068	-0.010762	-0.018309	-0.017612
	-0.018420	0.010803	-0.003981	0.025637	-0.003370	0.004066
	0.022347	-0.006604	-0.008216	-0.017377	-0.002957	-0.012468
	0.014489	-0.007423	-0.008677	-0.014055	-0.013307	0.009677
	0.018048	-0.007434	-0.026198	-0.007920	-0.023951	0.009097
	0.011741					
z134	-0.015079	0.010493	-0.029816	-0.005409	-0.014372	0.007666
	-0.006078	0.012865	0.013457	0.009856	-0.002930	-0.012913
	-0.009177	-0.025144	0.019089	-0.005803	0.037669	0.000887
	-0.006661	-0.026036	0.018816	0.007434	0.001440	0.001663
	-0.008475	-0.022675	0.012846	0.018896	-0.020527	0.007499
	0.010308					
x135	-0.024581	-0.012438	-0.006408	-0.010447	0.018612	0.022565
	-0.001207	-0.028224	-0.014014	0.005108	0.017911	0.003797
	-0.026408	-0.024489	0.008740	0.015447	0.002479	-0.006775
	-0.003499	0.000782	0.013820	0.020559	-0.004595	0.001492
	-0.017420	-0.007730	0.007180	0.023223	0.013525	0.016445
	-0.003647					

y135	-0.029857	-0.020889	0.004741	-0.009938	-0.018678	-0.018988
	-0.018304	0.009328	-0.004923	0.025179	-0.005088	0.005914
	0.023383	-0.003905	-0.008332	-0.019982	-0.001051	-0.013162
	0.013910	-0.007445	-0.009834	-0.012859	-0.013706	0.008879
	0.016588	-0.007253	-0.026139	-0.010117	-0.021851	0.005344
	0.013546					
z135	-0.016763	0.011482	-0.028976	-0.005268	-0.014597	0.006354
	-0.007446	0.012151	0.013710	0.010469	-0.003800	-0.014298
	-0.010594	-0.022682	0.019156	-0.006866	0.033377	-0.000041
	-0.007157	-0.028133	0.022176	0.010331	-0.000591	0.003914
	-0.008176	-0.019190	0.010918	0.023271	-0.022251	0.004729
	0.006442					
x136	-0.024256	-0.014334	-0.005217	-0.010331	0.017957	0.024569
	-0.000231	-0.026635	-0.014886	0.004531	0.014747	0.004900
	-0.026329	-0.022817	0.007283	0.016017	0.000263	-0.008344
	-0.002937	0.004119	0.015792	0.021397	-0.002210	0.003507
	-0.015956	-0.007876	0.004412	0.023070	0.017409	0.014969
	-0.004947					
y136	-0.029544	-0.020362	0.005634	-0.010112	-0.018853	-0.020790
	-0.018182	0.007978	-0.005642	0.025099	-0.006738	0.006954
	0.025321	-0.001186	-0.008353	-0.021217	-0.002663	-0.013446
	0.013167	-0.007685	-0.007943	-0.012089	-0.013930	0.005853
	0.014340	-0.006104	-0.023239	-0.005775	-0.022495	0.001075
	0.012704					
z136	-0.018477	0.011823	-0.028476	-0.004598	-0.015635	0.005505
	-0.008620	0.011685	0.014350	0.010987	-0.004417	-0.016090
	-0.009918	-0.021064	0.018484	-0.007197	0.030476	-0.002150
	-0.008322	-0.028998	0.022557	0.013785	-0.004465	0.007041
	-0.009442	-0.016892	0.011146	0.026330	-0.022401	0.001546
	0.003806					
x137	-0.023943	-0.016511	-0.003794	-0.010334	0.017445	0.027215
	0.001344	-0.024661	-0.014871	0.003578	0.012597	0.005509
	-0.026418	-0.021103	0.005196	0.015727	0.000706	-0.007975
	-0.002684	0.008311	0.016480	0.020310	0.000903	0.004714
	-0.015359	-0.010229	0.000635	0.020266	0.020227	0.014386
	-0.007462					
y137	-0.029220	-0.020254	0.006408	-0.009888	-0.018454	-0.022387
	-0.016946	0.007526	-0.005634	0.025997	-0.007033	0.007524
	0.026266	0.001419	-0.009289	-0.022282	-0.000813	-0.010984
	0.011704	-0.006387	-0.008218	-0.013554	-0.015843	0.001889
	0.012463	-0.010021	-0.020694	-0.004822	-0.022547	-0.001450
	0.010601					

z137	-0.020185	0.011866	-0.028288	-0.004152	-0.016428	0.004517
	-0.009353	0.011118	0.015465	0.011348	-0.004937	-0.019135
	-0.008251	-0.019656	0.018871	-0.007728	0.025744	-0.004253
	-0.008780	-0.030116	0.022700	0.017101	-0.007983	0.010064
	-0.009551	-0.013159	0.010002	0.030423	-0.021356	-0.001640
	-0.001939					
x138	-0.023467	-0.018727	-0.002815	-0.010958	0.016357	0.029672
	0.003132	-0.022811	-0.015790	0.003161	0.010899	0.006830
	-0.025762	-0.019930	0.003811	0.016615	0.000127	-0.009766
	-0.000961	0.011259	0.016585	0.018284	0.005204	0.009619
	-0.015310	-0.009581	-0.003280	0.018331	0.023061	0.008736
	-0.010319					
y138	-0.028724	-0.020088	0.006564	-0.009814	-0.017899	-0.024479
	-0.015607	0.006763	-0.006894	0.027752	-0.006591	0.009021
	0.027270	0.004042	-0.009818	-0.021968	-0.000237	-0.009901
	0.010425	-0.005979	-0.008661	-0.014331	-0.019617	0.000657
	0.010535	-0.012138	-0.014966	-0.003071	-0.022410	-0.008181
	0.008738					
z138	-0.021818	0.011261	-0.027703	-0.003170	-0.017311	0.003389
	-0.010267	0.010900	0.017071	0.011403	-0.006008	-0.023393
	-0.005627	-0.018212	0.020519	-0.008770	0.021042	-0.006422
	-0.009309	-0.029537	0.024753	0.021461	-0.011828	0.013113
	-0.009101	-0.008587	0.008988	0.033361	-0.019231	-0.003855
	-0.005521					
x139	-0.022985	-0.021551	-0.001436	-0.011606	0.014646	0.031095
	0.003059	-0.021390	-0.018247	0.001681	0.004594	0.010114
	-0.027528	-0.016208	0.002266	0.018382	-0.000570	-0.008950
	0.002060	0.010555	0.015099	0.017218	0.005799	0.010076
	-0.011857	-0.013007	-0.007103	0.013265	0.020797	0.002997
	-0.015090					
y139	-0.027539	-0.019524	0.008570	-0.008169	-0.016399	-0.025587
	-0.013028	0.006856	-0.008055	0.028753	-0.005785	0.009334
	0.031236	0.004555	-0.015534	-0.022405	0.000500	-0.009151
	0.009707	-0.004812	-0.007816	-0.016420	-0.018566	-0.000292
	0.005835	-0.007303	-0.014684	-0.004167	-0.019631	-0.010942
	0.010525					
z139	-0.024511	0.011452	-0.029305	-0.002787	-0.018655	0.001819
	-0.012313	0.009020	0.018490	0.011072	-0.004807	-0.023489
	-0.009100	-0.013497	0.018850	-0.009859	0.019238	-0.003405
	-0.006007	-0.028382	0.023113	0.025850	-0.008999	0.005827
	-0.008091	-0.003167	0.008391	0.030663	-0.013827	-0.001665
	-0.009051					

x140	-0.022107	-0.023888	0.000573	-0.013119	0.014407	0.031384
	0.003649	-0.019679	-0.021666	0.001108	-0.000425	0.012206
	-0.028844	-0.013047	0.001229	0.019748	-0.001182	-0.009781
	0.002849	0.011096	0.014012	0.015490	0.005738	0.010872
	-0.003821	-0.014387	-0.006725	0.009310	0.019930	-0.002037
	-0.015646					
y140	-0.026260	-0.018884	0.010680	-0.007251	-0.013838	-0.027238
	-0.010076	0.007276	-0.009774	0.030132	-0.004550	0.008436
	0.034242	0.004685	-0.019524	-0.023406	0.001528	-0.010286
	0.008186	-0.003595	-0.008150	-0.018430	-0.018310	-0.001552
	0.003813	-0.003287	-0.011432	-0.004709	-0.017660	-0.012774
	0.013805					
z140	-0.026914	0.010969	-0.030187	-0.002673	-0.020060	0.000653
	-0.013795	0.007663	0.018851	0.010591	-0.004682	-0.023415
	-0.013149	-0.009782	0.016518	-0.009298	0.017863	-0.001877
	-0.003274	-0.026303	0.020667	0.029409	-0.006827	0.000070
	-0.007728	0.000330	0.007827	0.029196	-0.008578	-0.002054
	-0.012526					
x141	-0.020803	-0.027028	0.001558	-0.013786	0.012553	0.032087
	0.004399	-0.018452	-0.025759	0.001976	-0.004729	0.012858
	-0.028471	-0.009943	0.003532	0.023424	-0.002153	-0.009138
	0.002885	0.011702	0.012883	0.014007	0.010332	0.010387
	-0.001127	-0.015842	-0.009067	0.001283	0.017301	-0.002049
	-0.017938					
y141	-0.024720	-0.018506	0.011882	-0.005744	-0.012882	-0.028204
	-0.007849	0.007308	-0.011150	0.031495	-0.003445	0.007415
	0.037791	0.005946	-0.020896	-0.022622	0.002072	-0.010808
	0.005536	-0.002649	-0.008664	-0.020440	-0.014112	-0.004068
	0.000453	0.001087	-0.011074	-0.008301	-0.016848	-0.011518
	0.015188					
z141	-0.029063	0.010391	-0.031138	-0.002482	-0.021892	-0.000374
	-0.015443	0.006297	0.018538	0.011554	-0.004450	-0.023241
	-0.016736	-0.006860	0.014759	-0.007294	0.016195	-0.000446
	-0.001939	-0.024352	0.018500	0.032027	-0.003956	-0.005247
	-0.007918	0.002018	0.005787	0.026634	-0.004497	-0.002193
	-0.016597					
x142	-0.019752	-0.029215	0.003018	-0.014439	0.012117	0.031555
	0.004752	-0.016863	-0.029171	0.001591	-0.009485	0.014876
	-0.027781	-0.006363	0.002455	0.025180	-0.001739	-0.009551
	0.003895	0.009158	0.009340	0.008616	0.014539	0.011338
	0.005398	-0.011325	-0.010630	-0.000876	0.014374	-0.002522
	-0.020199					

y142	-0.023547	-0.017564	0.013303	-0.004422	-0.011610	-0.029768
	-0.005705	0.007300	-0.012815	0.032425	-0.002395	0.006763
	0.040743	0.006736	-0.023116	-0.023053	0.002658	-0.011440
	0.003057	-0.003788	-0.009588	-0.022828	-0.012093	-0.005168
	-0.001447	0.005868	-0.010468	-0.011219	-0.016527	-0.011527
	0.014500					
z142	-0.031217	0.009380	-0.031292	-0.002151	-0.023554	-0.000812
	-0.016703	0.005415	0.018544	0.010937	-0.004711	-0.022590
	-0.019642	-0.004004	0.013939	-0.007624	0.016029	0.000723
	0.000052	-0.022929	0.017060	0.034798	-0.000947	-0.008645
	-0.007078	0.005238	0.003338	0.025357	-0.000450	0.000038
	-0.015898					
x143	-0.018205	-0.031218	0.005021	-0.016050	0.013479	0.031859
	0.004922	-0.015523	-0.029921	0.000537	-0.013329	0.017597
	-0.026541	-0.003875	0.001703	0.022971	0.000016	-0.009830
	0.005132	0.008207	0.006572	0.004933	0.016356	0.011228
	0.009550	-0.008595	-0.003274	-0.001295	0.013094	-0.003451
	-0.018289					
y143	-0.022072	-0.016116	0.014787	-0.003856	-0.009636	-0.030737
	-0.003885	0.007032	-0.012826	0.033250	-0.001179	0.006656
	0.042653	0.007241	-0.024665	-0.024169	0.003661	-0.012078
	0.000107	-0.003426	-0.009287	-0.024396	-0.010870	-0.007767
	-0.003933	0.007632	-0.006478	-0.013515	-0.016439	-0.013726
	0.014614					
z143	-0.032775	0.007619	-0.030709	-0.002287	-0.024386	-0.000608
	-0.018226	0.005582	0.019222	0.009920	-0.005539	-0.021611
	-0.023477	-0.002320	0.013348	-0.008792	0.017036	-0.000494
	0.001946	-0.021176	0.014093	0.035835	0.002599	-0.012464
	-0.005448	0.007455	0.003223	0.029335	0.004304	0.000511
	-0.014519					
x144	-0.016532	-0.032673	0.007223	-0.017072	0.014633	0.030932
	0.005144	-0.013929	-0.031313	0.000008	-0.016771	0.019106
	-0.025164	-0.002043	0.000718	0.022551	-0.001841	-0.010658
	0.003461	0.007651	0.005472	0.001010	0.017243	0.011165
	0.013788	-0.005267	-0.004850	0.001766	0.010587	-0.004492
	-0.019028					
y144	-0.020766	-0.014678	0.015747	-0.002912	-0.008162	-0.031829
	-0.002329	0.006626	-0.013034	0.033290	0.000035	0.005713
	0.044422	0.007748	-0.025357	-0.024895	0.003482	-0.013278
	-0.003668	-0.004710	-0.009086	-0.025359	-0.009529	-0.009750
	-0.005326	0.009620	-0.006175	-0.015635	-0.016686	-0.014467
	0.013472					

z144	-0.034088	0.005851	-0.029247	-0.002330	-0.025603	-0.000298
	-0.019080	0.006111	0.018863	0.010358	-0.006947	-0.021051
	-0.027714	-0.000768	0.013390	-0.008283	0.017715	-0.000865
	0.002674	-0.018887	0.013655	0.037627	0.004350	-0.014180
	-0.004534	0.008586	0.002697	0.031295	0.007064	0.000718
	-0.013019					
x145	-0.014800	-0.034053	0.008627	-0.018519	0.015140	0.029601
	0.006160	-0.012561	-0.034629	0.000037	-0.019173	0.019788
	-0.023328	-0.001769	-0.000485	0.024795	-0.003302	-0.010240
	0.003326	0.008627	0.007857	-0.002075	0.018272	0.012720
	0.012072	-0.007572	-0.002502	-0.001218	0.008071	-0.006530
	-0.015587					
y145	-0.019479	-0.013448	0.016128	-0.002165	-0.007135	-0.032707
	-0.001160	0.006602	-0.013305	0.032053	0.001751	0.004623
	0.046083	0.008222	-0.025274	-0.025866	0.003588	-0.014929
	-0.006165	-0.005805	-0.007994	-0.025263	-0.008425	-0.010832
	-0.007566	0.009591	-0.004849	-0.018540	-0.015658	-0.016765
	0.014846					
z145	-0.035269	0.004475	-0.027972	-0.002885	-0.027352	-0.000065
	-0.019299	0.006792	0.017573	0.011638	-0.008763	-0.021074
	-0.031756	-0.000024	0.013053	-0.004212	0.018560	-0.000689
	0.003548	-0.014599	0.015986	0.037775	0.006042	-0.016329
	-0.004306	0.005855	0.001187	0.034678	0.006932	-0.001161
	-0.010448					
x146	-0.013596	-0.035144	0.010333	-0.019267	0.017300	0.028281
	0.006094	-0.011348	-0.033781	-0.001854	-0.022414	0.022808
	-0.017700	0.002669	-0.004657	0.021376	-0.004495	-0.009125
	0.001689	0.006455	0.004940	-0.007670	0.022005	0.012336
	0.018849	-0.000152	-0.005604	-0.005213	0.001927	-0.004793
	-0.007545					
y146	-0.018615	-0.011163	0.016737	-0.000849	-0.006489	-0.033717
	-0.000366	0.005312	-0.013161	0.031138	0.002903	0.004780
	0.049352	0.010245	-0.023967	-0.027884	0.001879	-0.014733
	-0.010672	-0.009008	-0.008494	-0.024868	-0.007544	-0.012916
	-0.008491	0.009642	-0.006218	-0.026189	-0.016020	-0.015002
	0.012175					
z146	-0.036727	0.002758	-0.026173	-0.002380	-0.029519	0.000800
	-0.019976	0.006938	0.016107	0.010749	-0.010129	-0.017801
	-0.033025	0.002126	0.013332	-0.004930	0.019944	0.001077
	0.005824	-0.013829	0.018431	0.039600	0.008399	-0.014991
	-0.003697	0.008792	-0.003584	0.036634	0.009917	0.001350
	-0.007958					

x147	-0.011814	-0.035892	0.011849	-0.020060	0.019604	0.026199
	0.006962	-0.011024	-0.034181	-0.000986	-0.026704	0.024099
	-0.012520	0.004312	-0.007239	0.023450	-0.006863	-0.007073
	0.001026	0.006365	0.003668	-0.014232	0.023067	0.012210
	0.024700	0.004552	-0.005043	-0.009342	-0.005440	-0.010207
	-0.005559					
y147	-0.017612	-0.009137	0.016924	0.000198	-0.005011	-0.034626
	0.000223	0.004603	-0.011552	0.030600	0.002802	0.003305
	0.051118	0.012781	-0.023248	-0.028175	0.000759	-0.015888
	-0.015412	-0.011060	-0.009811	-0.026375	-0.006643	-0.015880
	-0.006280	0.009645	-0.006146	-0.031627	-0.018365	-0.017049
	0.008710					
z147	-0.037610	-0.000215	-0.024204	-0.002382	-0.030754	0.001802
	-0.019934	0.007627	0.014513	0.012225	-0.013282	-0.016544
	-0.035485	0.001378	0.013492	-0.002364	0.020794	0.001360
	0.007479	-0.010802	0.020986	0.039383	0.010698	-0.011660
	-0.002538	0.008301	-0.004898	0.038764	0.010795	-0.000380
	-0.005145					
x148	-0.010347	-0.037401	0.013854	-0.021800	0.022708	0.024868
	0.008112	-0.009104	-0.034297	-0.002720	-0.029343	0.026129
	-0.010731	0.006672	-0.007985	0.020353	-0.009111	-0.009655
	0.001154	0.003507	0.001210	-0.019934	0.022633	0.011380
	0.024591	0.009122	-0.003133	-0.011309	-0.004883	-0.010817
	0.000479					
y148	-0.017390	-0.009245	0.017446	0.000132	-0.004193	-0.033985
	0.000432	0.004080	-0.010963	0.030173	0.003024	0.002789
	0.049442	0.010305	-0.024810	-0.027344	0.002206	-0.015090
	-0.017551	-0.008335	-0.008096	-0.026813	-0.006490	-0.016860
	-0.005623	0.011118	-0.006529	-0.027310	-0.016168	-0.015357
	0.006364					
z148	-0.037118	-0.000289	-0.023458	-0.002296	-0.029829	0.001344
	-0.018765	0.006913	0.014707	0.011300	-0.015186	-0.016085
	-0.032001	0.003543	0.009627	-0.002618	0.018014	0.003574
	0.006767	-0.011539	0.023709	0.039765	0.014277	-0.010449
	0.000797	0.007307	-0.006371	0.035466	0.003223	0.002058
	-0.000552					
x149	-0.008934	-0.038536	0.015645	-0.023174	0.025050	0.023249
	0.009684	-0.008501	-0.034949	-0.002334	-0.030858	0.027073
	-0.009310	0.008485	-0.008091	0.020318	-0.010239	-0.009065
	-0.000459	0.003172	0.001632	-0.025281	0.020201	0.011528
	0.023257	0.011878	-0.000147	-0.015798	-0.003237	-0.013995
	0.002135					

y149	-0.017239	-0.009341	0.017822	0.000059	-0.003545	-0.033086
	0.001026	0.003255	-0.010431	0.029962	0.004284	0.002114
	0.048150	0.008164	-0.025574	-0.026731	0.003800	-0.012486
	-0.018988	-0.006048	-0.005924	-0.025727	-0.006399	-0.015532
	-0.006000	0.012619	-0.005050	-0.024377	-0.011373	-0.015419
	0.002309					
z149	-0.036756	-0.000786	-0.022895	-0.002468	-0.028892	0.000900
	-0.017866	0.005966	0.014331	0.011124	-0.016460	-0.016041
	-0.027988	0.006056	0.006433	-0.002079	0.015813	0.007962
	0.005624	-0.011125	0.027336	0.037909	0.018177	-0.008518
	0.003380	0.006968	-0.006841	0.031533	-0.001200	0.003228
	0.002471					
x150	-0.007668	-0.039598	0.017456	-0.022994	0.027444	0.022363
	0.011346	-0.007739	-0.034150	-0.003401	-0.032813	0.028666
	-0.007174	0.009998	-0.008634	0.017720	-0.009186	-0.011299
	-0.001926	0.002210	-0.001261	-0.029071	0.017264	0.011052
	0.024312	0.015542	0.002998	-0.019820	-0.001888	-0.018336
	0.006596					
y150	-0.016867	-0.008970	0.018324	0.000080	-0.002921	-0.032163
	0.001688	0.002385	-0.010033	0.030325	0.004885	0.001508
	0.047127	0.006472	-0.026381	-0.025611	0.004771	-0.011321
	-0.020894	-0.004416	-0.004160	-0.025054	-0.006501	-0.014968
	-0.006243	0.012726	-0.004406	-0.022115	-0.008840	-0.016051
	-0.000653					
z150	-0.036676	-0.001562	-0.021872	-0.001942	-0.027047	0.000850
	-0.016865	0.005391	0.014083	0.010568	-0.018297	-0.014943
	-0.023947	0.008747	0.004006	-0.003585	0.014427	0.009258
	0.005990	-0.011813	0.028373	0.035822	0.021565	-0.006876
	0.006189	0.007107	-0.007700	0.028902	-0.004799	0.001317
	0.007789					
x151	-0.006550	-0.040026	0.019110	-0.023125	0.028422	0.021022
	0.012894	-0.007553	-0.034207	-0.002903	-0.034894	0.030394
	-0.006869	0.010596	-0.009936	0.019287	-0.010273	-0.013562
	-0.004640	0.002929	-0.002292	-0.031717	0.013716	0.009540
	0.023389	0.017345	0.004472	-0.024166	-0.000309	-0.022782
	0.006016					
y151	-0.016583	-0.008488	0.018827	-0.000025	-0.002844	-0.030842
	0.001962	0.001739	-0.009210	0.029902	0.005674	0.001439
	0.045668	0.005633	-0.026688	-0.025139	0.004967	-0.011572
	-0.022448	-0.003781	-0.003500	-0.023483	-0.005962	-0.014801
	-0.006282	0.013800	-0.003539	-0.018834	-0.004954	-0.016024
	-0.003414					

z151	-0.036755	-0.002178	-0.020493	-0.002123	-0.026305	0.000525
	-0.016053	0.004919	0.012735	0.011885	-0.020971	-0.013250
	-0.022032	0.010933	0.002481	-0.000301	0.010923	0.010592
	0.005506	-0.009859	0.030465	0.034140	0.023596	-0.006579
	0.006693	0.004998	-0.008728	0.024631	-0.006758	0.000083
	0.008862					
x152	-0.005789	-0.040492	0.020216	-0.023056	0.029490	0.020273
	0.014985	-0.007088	-0.033698	-0.004549	-0.035827	0.031062
	-0.006382	0.012224	-0.010055	0.017409	-0.011198	-0.016916
	-0.007865	0.001209	-0.003808	-0.033288	0.011820	0.010137
	0.022751	0.022974	0.007238	-0.027518	-0.000762	-0.026367
	0.010295					
y152	-0.016405	-0.007594	0.019257	-0.000464	-0.003153	-0.029619
	0.002879	0.000932	-0.008774	0.029719	0.006551	0.000680
	0.043643	0.004785	-0.025953	-0.023628	0.004949	-0.011455
	-0.025095	-0.004001	-0.002141	-0.021188	-0.006603	-0.013706
	-0.006662	0.013394	-0.002930	-0.016611	-0.003439	-0.016518
	-0.005880					
z152	-0.037227	-0.003598	-0.018857	-0.001977	-0.024875	0.000625
	-0.014997	0.005122	0.011417	0.010545	-0.023599	-0.011229
	-0.020967	0.015068	0.002101	-0.000586	0.009106	0.011339
	0.005397	-0.009459	0.032538	0.032103	0.026067	-0.004666
	0.009479	0.007172	-0.009614	0.023290	-0.008220	-0.001911
	0.015917					
x153	-0.005126	-0.040880	0.021114	-0.021839	0.029632	0.019467
	0.017028	-0.006861	-0.032724	-0.007189	-0.036411	0.031666
	-0.005843	0.013041	-0.011606	0.017720	-0.008984	-0.019759
	-0.012417	-0.000771	-0.005874	-0.033357	0.008128	0.010624
	0.022271	0.028890	0.009041	-0.029934	-0.000243	-0.031918
	0.008993					
y153	-0.016046	-0.006448	0.019756	-0.001080	-0.003493	-0.028278
	0.003605	0.000115	-0.008091	0.029303	0.007620	-0.000054
	0.042188	0.004507	-0.025082	-0.021579	0.004585	-0.011659
	-0.027432	-0.005277	-0.000580	-0.018189	-0.007022	-0.012329
	-0.008150	0.012964	-0.002610	-0.014800	-0.002391	-0.017600
	-0.007855					
z153	-0.037867	-0.005542	-0.017521	-0.001852	-0.023559	0.001108
	-0.014671	0.005956	0.010220	0.008779	-0.025882	-0.009320
	-0.018987	0.018740	0.002415	0.000664	0.009261	0.010996
	0.005467	-0.010664	0.033053	0.029484	0.027419	-0.003223
	0.009732	0.009734	-0.010381	0.023298	-0.007767	-0.006567
	0.020452					

x154	-0.004597	-0.040372	0.021645	-0.020367	0.029452	0.018513
	0.019680	-0.006660	-0.031751	-0.009000	-0.036360	0.032431
	-0.006598	0.013399	-0.013446	0.017500	-0.008488	-0.023951
	-0.016719	-0.000711	-0.008347	-0.032545	0.006820	0.012010
	0.021597	0.034902	0.010455	-0.035730	-0.000683	-0.036372
	0.011623					
y154	-0.015780	-0.004897	0.019829	-0.001437	-0.004151	-0.026584
	0.004660	-0.000986	-0.007303	0.028738	0.009831	-0.000154
	0.040193	0.005296	-0.024359	-0.019905	0.003833	-0.012101
	-0.029314	-0.006307	0.000395	-0.015180	-0.006251	-0.010545
	-0.008657	0.012952	-0.003840	-0.013800	-0.001516	-0.018282
	-0.009758					
z154	-0.038931	-0.007017	-0.016558	-0.001828	-0.022241	0.001427
	-0.012937	0.006725	0.008125	0.008232	-0.028189	-0.006863
	-0.018590	0.021916	0.002100	0.002458	0.007791	0.010901
	0.005902	-0.008208	0.032852	0.026026	0.031264	-0.000458
	0.010368	0.013686	-0.012191	0.019776	-0.007441	-0.009633
	0.025697					
x155	-0.003881	-0.039587	0.022016	-0.018779	0.029630	0.017271
	0.021491	-0.007348	-0.029234	-0.010823	-0.035667	0.033191
	-0.006864	0.012183	-0.015798	0.016296	-0.009137	-0.025701
	-0.021949	0.000010	-0.009135	-0.032154	0.005435	0.011415
	0.023488	0.039010	0.013645	-0.039036	-0.002523	-0.039977
	0.011304					
y155	-0.015096	-0.003681	0.020046	-0.001969	-0.004545	-0.024797
	0.005136	-0.002534	-0.006223	0.028625	0.011471	-0.000271
	0.039016	0.004991	-0.023821	-0.019204	0.001635	-0.011204
	-0.031394	-0.008487	0.000973	-0.012641	-0.005386	-0.008907
	-0.009282	0.011451	-0.002827	-0.012289	-0.001098	-0.018694
	-0.012148					
z155	-0.039865	-0.009102	-0.014660	-0.002656	-0.019453	0.001324
	-0.012325	0.007020	0.006924	0.008043	-0.029718	-0.003636
	-0.018984	0.024284	0.002600	0.003788	0.003780	0.012635
	0.006347	-0.004048	0.032668	0.020451	0.034180	0.000733
	0.013503	0.013996	-0.010555	0.017696	-0.007436	-0.010766
	0.026336					
x156	-0.003169	-0.033080	0.023183	-0.014701	0.022388	0.016468
	0.021758	-0.011323	-0.031815	-0.016284	-0.035527	0.039625
	0.005392	0.013042	-0.012580	0.013911	-0.009355	-0.023429
	-0.022072	-0.003690	-0.008243	-0.025636	0.000281	0.003570
	0.017802	0.043381	0.011774	-0.042671	0.001655	-0.038737
	0.006989					

y156	-0.014566	0.000179	0.020632	-0.001961	-0.007910	-0.022850
	0.005412	-0.005353	-0.007313	0.026850	0.012991	0.001894
	0.043106	0.006293	-0.020218	-0.018964	-0.001032	-0.008824
	-0.031063	-0.013650	0.002910	-0.007445	-0.006260	-0.009002
	-0.012875	0.010580	-0.004610	-0.011854	0.002125	-0.016676
	-0.015573					
z156	-0.040433	-0.012084	-0.013987	-0.003746	-0.016043	0.001720
	-0.010173	0.008576	0.005108	0.010134	-0.030680	-0.002888
	-0.022520	0.025777	-0.000363	0.008583	0.001517	0.012112
	0.003462	0.001795	0.031746	0.016073	0.041345	0.001700
	0.014645	0.009145	-0.010575	0.012679	-0.012114	-0.016365
	0.024075					
x157	-0.001311	-0.032114	0.023594	-0.013427	0.022753	0.016812
	0.024239	-0.013577	-0.029337	-0.018159	-0.032399	0.041849
	0.007391	0.019065	-0.018221	0.010061	-0.005409	-0.021197
	-0.015306	-0.003090	-0.008504	-0.028096	0.004345	0.000649
	0.018320	0.043236	0.013667	-0.035289	0.002373	-0.033826
	0.006095					
y157	-0.013793	0.000272	0.019784	-0.004106	-0.006320	-0.020295
	0.007111	-0.005367	-0.005755	0.024996	0.015408	0.000768
	0.038458	0.006402	-0.020868	-0.018855	-0.002327	-0.008826
	-0.023403	-0.013066	0.003849	-0.002442	-0.000717	-0.008721
	-0.011344	0.002800	0.000020	-0.004993	0.002869	-0.012502
	-0.013283					
z157	-0.040992	-0.011834	-0.010854	-0.003140	-0.017025	0.003196
	-0.008271	0.009247	0.003598	0.007129	-0.031142	0.004718
	-0.021361	0.026852	-0.001163	0.006896	-0.000896	0.010506
	0.000602	0.005343	0.026699	0.015261	0.039888	0.003695
	0.017034	0.014661	-0.007947	0.009548	-0.007751	-0.016441
	0.021640					
x158	0.000605	-0.031589	0.023768	-0.012323	0.023655	0.017332
	0.025576	-0.015626	-0.026830	-0.019080	-0.029801	0.041559
	0.008824	0.023725	-0.021666	0.006926	-0.002370	-0.018338
	-0.009905	-0.002024	-0.006364	-0.029829	0.008801	-0.003341
	0.019467	0.040327	0.015171	-0.027659	0.002558	-0.029661
	0.006133					
y158	-0.012837	-0.000033	0.018794	-0.005944	-0.004948	-0.017913
	0.008576	-0.005622	-0.004355	0.023498	0.016789	-0.000094
	0.034492	0.005259	-0.021764	-0.018667	-0.003204	-0.008003
	-0.016622	-0.011834	0.004162	-0.000127	0.004010	-0.007299
	-0.009282	-0.004781	0.004579	0.001112	0.005103	-0.010228
	-0.011145					

z158	-0.041480	-0.012315	-0.008310	-0.003578	-0.016584	0.004679
	-0.005517	0.009080	0.000918	0.006218	-0.032443	0.007944
	-0.021986	0.028754	-0.001996	0.007172	-0.005052	0.011263
	-0.004204	0.009610	0.026448	0.011445	0.039017	0.004595
	0.017692	0.012682	-0.004568	0.004635	-0.005972	-0.020414
	0.018855					
x159	0.001916	-0.030997	0.024291	-0.011275	0.023790	0.017957
	0.026639	-0.017020	-0.024028	-0.020876	-0.027393	0.039870
	0.009733	0.025424	-0.023236	0.004276	0.000978	-0.016365
	-0.006057	-0.003274	-0.004355	-0.030008	0.009340	-0.004508
	0.019283	0.040028	0.015464	-0.020761	0.001148	-0.023802
	0.006590					
y159	-0.011996	-0.000271	0.018223	-0.007669	-0.003524	-0.015591
	0.009807	-0.005749	-0.003054	0.021801	0.017331	-0.001209
	0.031613	0.003310	-0.022516	-0.018037	-0.003109	-0.007967
	-0.010907	-0.011637	0.004559	0.002511	0.004797	-0.006486
	-0.007668	-0.010602	0.007512	0.006875	0.007981	-0.007282
	-0.009311					
z159	-0.042486	-0.013170	-0.004677	-0.004123	-0.016212	0.007201
	-0.003722	0.008585	-0.000142	0.001666	-0.033786	0.009024
	-0.019112	0.029664	-0.003623	0.004046	-0.005770	0.008095
	-0.007254	0.009193	0.022371	0.005923	0.035339	0.006479
	0.019060	0.021076	-0.002728	0.005992	-0.002850	-0.018542
	0.019124					
x160	0.003252	-0.030368	0.024458	-0.010389	0.023298	0.018621
	0.027556	-0.017612	-0.021118	-0.023007	-0.023869	0.036668
	0.009274	0.024341	-0.021307	0.003095	0.003485	-0.014876
	-0.002295	-0.003801	-0.001797	-0.027271	0.007745	-0.005153
	0.017673	0.036926	0.017653	-0.014617	-0.000333	-0.018157
	0.007767					
y160	-0.011515	-0.000683	0.018087	-0.008449	-0.002668	-0.014064
	0.010917	-0.006255	-0.002714	0.020363	0.017582	-0.001590
	0.028647	0.002254	-0.022997	-0.016554	-0.002505	-0.007204
	-0.008147	-0.011302	0.003919	0.003229	0.004629	-0.003531
	-0.005467	-0.013571	0.005569	0.009694	0.010779	-0.004722
	-0.008336					
z160	-0.043113	-0.014049	-0.000449	-0.004226	-0.015903	0.008867
	-0.000998	0.007703	-0.001887	-0.000671	-0.034195	0.010145
	-0.018226	0.031190	-0.002506	0.001830	-0.006635	0.007879
	-0.012351	0.008397	0.022722	0.002747	0.033660	0.008858
	0.018909	0.026176	-0.007530	0.002446	-0.006906	-0.017076
	0.018719					

x161	0.004513	-0.029469	0.024859	-0.009310	0.023086	0.019157
	0.027885	-0.018045	-0.018671	-0.024275	-0.019605	0.032987
	0.007712	0.021082	-0.018456	0.001986	0.006320	-0.014040
	0.001321	-0.004630	0.000511	-0.022536	0.004291	-0.004854
	0.014564	0.030284	0.020069	-0.010154	-0.002478	-0.013969
	0.006637					
y161	-0.011332	-0.000883	0.018019	-0.009373	-0.002311	-0.012631
	0.012133	-0.006443	-0.001721	0.018195	0.017070	-0.001231
	0.024870	-0.000199	-0.022310	-0.014635	-0.002245	-0.005240
	-0.007058	-0.010396	0.003039	0.003454	0.001700	-0.001056
	-0.002976	-0.015745	0.004617	0.013910	0.013133	-0.002186
	-0.005633					
z161	-0.043656	-0.015338	0.003167	-0.004857	-0.016509	0.011395
	0.001318	0.007356	-0.001533	-0.004812	-0.033774	0.012661
	-0.018782	0.031616	-0.001590	-0.000055	-0.007153	0.007682
	-0.015216	0.006930	0.020748	0.000613	0.030226	0.012439
	0.017069	0.029918	-0.005851	0.001354	-0.006303	-0.014664
	0.016932					
x162	0.005478	-0.028510	0.024521	-0.008370	0.022618	0.019859
	0.028382	-0.018325	-0.016222	-0.026101	-0.014023	0.028256
	0.005669	0.016131	-0.015297	0.001261	0.009752	-0.011712
	0.005483	-0.004590	0.004207	-0.016298	-0.000207	-0.002130
	0.011144	0.023757	0.020835	-0.006422	-0.005052	-0.010381
	0.007490					
y162	-0.010940	-0.001076	0.019451	-0.009777	-0.002050	-0.011693
	0.012397	-0.006176	-0.000934	0.015682	0.014268	-0.001403
	0.020299	-0.004326	-0.018105	-0.012351	-0.002399	-0.006827
	-0.009011	-0.011874	-0.000728	0.003297	-0.006181	0.000837
	-0.000923	-0.017724	0.006019	0.018143	0.016178	0.001907
	-0.004995					
z162	-0.044040	-0.016159	0.007868	-0.006132	-0.016829	0.013997
	0.002710	0.006380	-0.000299	-0.008155	-0.033560	0.013151
	-0.020188	0.029404	0.002826	0.001580	-0.008373	0.007099
	-0.018499	0.002006	0.018001	-0.001590	0.022003	0.015870
	0.011196	0.029742	-0.003870	-0.000758	-0.012733	-0.008740
	0.013107					
x163	0.007027	-0.027080	0.024086	-0.006845	0.022104	0.021075
	0.027663	-0.017811	-0.013398	-0.025964	-0.007705	0.025232
	0.001310	0.009728	-0.010374	0.002660	0.010456	-0.008915
	0.009754	-0.001492	0.008456	-0.007704	-0.004257	-0.002365
	0.006255	0.012261	0.023982	-0.004919	-0.005974	-0.008164
	0.005606					

y163	-0.010085	-0.000626	0.019363	-0.010052	-0.001518	-0.010112
	0.012842	-0.006679	0.000277	0.013156	0.011881	-0.002179
	0.017747	-0.006798	-0.016551	-0.009872	0.001059	-0.008029
	-0.008969	-0.011559	-0.002917	0.002539	-0.015017	0.006292
	0.001859	-0.021184	0.001845	0.021199	0.020488	0.002184
	-0.004920					
z163	-0.042571	-0.016404	0.010685	-0.007340	-0.015696	0.017068
	0.003593	0.005564	0.002742	-0.012170	-0.030331	0.012036
	-0.019977	0.030952	0.007860	-0.003025	-0.006121	0.003610
	-0.015469	-0.001736	0.014873	-0.000064	0.018407	0.020473
	0.009912	0.025595	-0.000908	0.000175	-0.010819	-0.001302
	0.010108					
x164	0.009089	-0.025571	0.024589	-0.005177	0.021596	0.022861
	0.025384	-0.015878	-0.010224	-0.026250	-0.002817	0.021105
	-0.004771	0.001750	-0.000098	0.003200	0.011100	-0.011446
	0.012328	-0.000971	0.010331	0.004399	-0.011828	-0.003104
	0.001918	-0.002737	0.031271	-0.000906	-0.004242	-0.004757
	0.004156					
y164	-0.009884	-0.000640	0.018621	-0.010030	-0.001562	-0.008838
	0.013988	-0.007420	0.000544	0.010357	0.011651	0.000230
	0.014873	-0.010367	-0.016599	-0.007533	0.004024	-0.003572
	-0.009631	-0.008077	-0.004198	-0.000305	-0.021491	0.009637
	0.006187	-0.021979	-0.004687	0.024292	0.022405	0.001426
	-0.001125					
z164	-0.041159	-0.016505	0.013069	-0.008539	-0.015294	0.018734
	0.004411	0.004799	0.004762	-0.012665	-0.023272	0.013003
	-0.020977	0.031050	0.007178	-0.002150	-0.008238	0.009319
	-0.008805	0.001610	0.013311	0.000609	0.017896	0.021763
	0.001374	0.015427	0.003507	-0.007104	-0.012325	-0.000585
	-0.000647					
x165	0.011052	-0.024119	0.024780	-0.003590	0.020483	0.025031
	0.023587	-0.015389	-0.006156	-0.026346	0.004241	0.015093
	-0.011973	-0.007343	0.011301	0.004092	0.011000	-0.010055
	0.012127	-0.002773	0.012197	0.019041	-0.021030	-0.000471
	-0.005099	-0.017150	0.035862	-0.001967	-0.005096	0.002718
	-0.001827					
y165	-0.009868	-0.000539	0.019450	-0.009523	-0.001748	-0.008606
	0.014501	-0.007531	-0.000299	0.007781	0.009913	0.002561
	0.011322	-0.015714	-0.014771	-0.005150	0.007100	-0.001747
	-0.013108	-0.005704	-0.007386	-0.003542	-0.030789	0.012270
	0.011299	-0.022551	-0.008823	0.027745	0.026142	-0.000543
	0.002134					

z165	-0.040510	-0.016225	0.016260	-0.009700	-0.014093	0.019245
	0.004363	0.005379	0.005137	-0.012818	-0.018036	0.013523
	-0.021814	0.028083	0.007117	-0.002058	-0.008418	0.007431
	0.000069	0.006039	0.012371	-0.000233	0.018148	0.021689
	-0.003536	0.002911	0.009978	-0.009082	-0.012158	-0.004407
	-0.004935					
x166	-0.010791	0.023382	-0.015107	0.007089	-0.003143	-0.026557
	0.013959	-0.003484	0.012975	-0.020463	0.000693	-0.012914
	0.015223	-0.004973	0.022114	0.003127	0.001977	-0.019006
	-0.017927	-0.003055	-0.003695	0.000957	0.007007	-0.003875
	-0.001205	0.000197	0.005527	-0.011561	-0.002789	-0.006218
	-0.007048					
y166	0.026465	-0.010552	-0.011986	0.008723	-0.017550	0.003025
	0.024266	-0.003242	0.014073	-0.019951	0.000024	0.010373
	-0.013965	0.021994	-0.012327	0.011272	0.019207	0.014392
	0.025698	-0.012604	-0.024267	0.002452	-0.011455	0.011087
	-0.021084	-0.000312	0.000113	-0.007932	0.014111	0.034896
	0.018208					
z166	0.023417	0.026676	0.019295	0.013187	0.011143	0.000719
	0.017324	-0.009658	0.004697	0.001197	-0.025292	-0.017366
	0.005859	0.002613	-0.017803	0.023469	0.002282	-0.024511
	0.008284	0.010225	-0.009783	-0.007686	-0.018402	0.017513
	-0.022944	0.001697	0.005132	-0.008317	0.006302	0.012313
	-0.012387					
x167	-0.011489	0.023332	-0.016151	0.008363	-0.003604	-0.024149
	0.013934	-0.003084	0.013190	-0.019153	0.003011	-0.013900
	0.014586	-0.002541	0.023891	0.002171	-0.000928	-0.015480
	-0.016827	-0.001512	-0.005207	0.000646	0.007757	0.000063
	-0.002026	-0.003054	0.005010	-0.007359	-0.004940	-0.013355
	-0.014612					
y167	0.025527	-0.010153	-0.012082	0.009437	-0.019522	0.002251
	0.023761	-0.005029	0.015725	-0.021425	0.001271	0.010984
	-0.012716	0.021592	-0.010818	0.012287	0.015552	0.016239
	0.023852	-0.011455	-0.020363	0.003298	-0.008935	0.007591
	-0.022217	0.004583	-0.002788	-0.007740	0.005721	0.028654
	0.014979					
z167	0.023787	0.028948	0.018121	0.014585	0.013521	0.001160
	0.022017	-0.008006	0.003101	0.001683	-0.022933	-0.017949
	0.009398	0.003954	-0.018131	0.021107	0.003259	-0.018452
	0.002812	0.006200	-0.015491	-0.013073	-0.018696	0.011066
	-0.030256	0.001742	0.003464	-0.017292	0.003695	0.014267
	-0.010737					

x168	-0.012387	0.022738	-0.016710	0.009150	-0.004355	-0.021745
	0.013581	-0.003169	0.013458	-0.016478	0.004183	-0.014562
	0.013436	-0.000401	0.024771	0.002594	-0.004185	-0.015126
	-0.015195	-0.001227	-0.007129	0.001021	0.008629	0.006202
	0.000952	-0.005975	0.005369	-0.001925	-0.002140	-0.018518
	-0.019896					
y168	0.024440	-0.009766	-0.012585	0.010222	-0.021429	0.002101
	0.022770	-0.007411	0.016621	-0.021705	0.003193	0.012205
	-0.011630	0.020689	-0.010312	0.013486	0.013785	0.015948
	0.024029	-0.011652	-0.016879	0.003684	-0.006803	0.007824
	-0.020216	0.008657	-0.005058	-0.005170	0.002391	0.020223
	0.013714					
z168	0.024331	0.030887	0.016276	0.015525	0.014490	0.002176
	0.024985	-0.005134	0.001686	0.000998	-0.020306	-0.017992
	0.012221	0.004465	-0.019693	0.019584	0.005930	-0.014264
	0.002545	0.002613	-0.017599	-0.016735	-0.019743	0.007925
	-0.034522	0.001472	0.001735	-0.019105	0.003710	0.007476
	-0.000938					
x169	-0.013448	0.021952	-0.017091	0.009525	-0.004881	-0.019984
	0.012780	-0.002912	0.013836	-0.014444	0.004958	-0.015688
	0.012557	0.001672	0.025978	0.003014	-0.006796	-0.014693
	-0.012968	0.000247	-0.007542	0.002205	0.008808	0.011330
	0.003282	-0.007273	0.004394	0.002229	-0.001249	-0.020316
	-0.024969					
y169	0.023289	-0.009438	-0.012747	0.010576	-0.022685	0.001909
	0.022386	-0.010380	0.017555	-0.021706	0.005652	0.012838
	-0.011017	0.019923	-0.007590	0.014873	0.010807	0.014748
	0.023769	-0.010851	-0.014471	0.003093	-0.005579	0.006160
	-0.016303	0.011531	-0.004913	-0.001749	0.001697	0.015337
	0.013645					
z169	0.024895	0.032511	0.014409	0.016200	0.015676	0.003784
	0.028482	-0.003716	0.001124	0.000460	-0.016050	-0.018059
	0.015166	0.004761	-0.019181	0.018330	0.006066	-0.012440
	0.002835	-0.001177	-0.022147	-0.021076	-0.021058	0.002322
	-0.035137	-0.000674	0.002681	-0.017579	0.006459	0.002908
	0.011831					
x170	-0.014969	0.020822	-0.017054	0.009922	-0.005210	-0.019010
	0.012168	-0.002290	0.013725	-0.013003	0.005101	-0.017609
	0.011918	0.004194	0.026818	0.003783	-0.008962	-0.013620
	-0.010874	0.001280	-0.006026	0.003508	0.007181	0.014087
	0.003191	-0.009245	0.001811	0.004695	-0.001106	-0.023280
	-0.028786					

y170	0.021998	-0.008912	-0.012783	0.010745	-0.023958	0.001514
	0.021399	-0.012320	0.018102	-0.022324	0.006659	0.013448
	-0.010996	0.019327	-0.005426	0.016374	0.008373	0.012932
	0.022990	-0.008880	-0.012198	0.003213	-0.003927	0.005997
	-0.012809	0.015634	-0.003824	0.000591	0.001900	0.011976
	0.010918					
z170	0.025186	0.034647	0.012481	0.015931	0.015530	0.005497
	0.030825	-0.002737	-0.000163	0.001024	-0.013870	-0.018483
	0.016758	0.001680	-0.019123	0.020876	0.005056	-0.011818
	0.002133	-0.001502	-0.025634	-0.021626	-0.020358	-0.001388
	-0.036485	-0.005352	0.004026	-0.019420	0.004609	0.002010
	0.014313					
x171	-0.017021	0.019502	-0.017226	0.010216	-0.005365	-0.018430
	0.012233	-0.001658	0.013778	-0.011917	0.005240	-0.020076
	0.012024	0.006807	0.027540	0.005158	-0.010935	-0.012749
	-0.009380	0.001669	-0.004534	0.003328	0.004404	0.015021
	0.002036	-0.011022	-0.000751	0.006674	0.001236	-0.026672
	-0.028854					
y171	0.020604	-0.008497	-0.012723	0.010954	-0.024816	0.000755
	0.020381	-0.013434	0.018026	-0.023669	0.007955	0.013253
	-0.010994	0.020048	-0.002493	0.016345	0.006428	0.011323
	0.022485	-0.007740	-0.009454	0.004102	-0.003847	0.004358
	-0.010078	0.018673	-0.002640	0.003145	0.001060	0.008436
	0.007324					
z171	0.025603	0.036150	0.011349	0.015770	0.014860	0.006809
	0.031362	-0.000857	-0.000943	0.000292	-0.012554	-0.017918
	0.017760	0.000725	-0.018628	0.019957	0.005788	-0.012161
	0.003156	-0.001781	-0.027963	-0.018756	-0.019141	-0.003609
	-0.034303	-0.005607	0.003444	-0.019137	-0.000123	0.003106
	0.012648					
x172	-0.019332	0.017615	-0.017101	0.009611	-0.004800	-0.018999
	0.011853	-0.000086	0.014449	-0.010492	0.004141	-0.023818
	0.010976	0.008634	0.027634	0.006451	-0.011700	-0.013973
	-0.008298	0.003703	-0.003064	0.003770	0.001975	0.016881
	0.002261	-0.012010	-0.002596	0.008097	0.001595	-0.028230
	-0.030000					
y172	0.019110	-0.008157	-0.012591	0.011210	-0.025726	0.000203
	0.019443	-0.014143	0.017025	-0.026124	0.009575	0.013215
	-0.010863	0.021653	0.001242	0.016094	0.005040	0.010662
	0.022026	-0.006899	-0.006585	0.004458	-0.005153	0.001741
	-0.009881	0.020447	-0.001830	0.005477	0.001391	0.004959
	0.003630					

z172	0.025694	0.037510	0.009984	0.016090	0.013753	0.009351
	0.032149	0.000026	-0.002046	-0.001389	-0.010774	-0.015846
	0.018596	0.000040	-0.017769	0.020239	0.005944	-0.011992
	0.003699	-0.002563	-0.028484	-0.016611	-0.017503	-0.007751
	-0.033846	-0.007738	0.000798	-0.018771	-0.001924	0.001865
	0.011824					
x173	-0.021952	0.016166	-0.016210	0.008582	-0.004078	-0.019853
	0.011130	0.001387	0.015064	-0.010032	0.001974	-0.027233
	0.010661	0.010136	0.028200	0.006756	-0.012456	-0.015369
	-0.006949	0.005165	-0.000592	0.006487	-0.002687	0.016816
	0.001634	-0.012472	-0.004148	0.008771	0.001892	-0.027031
	-0.032507					
y173	0.017457	-0.008016	-0.012443	0.011601	-0.026156	-0.000984
	0.018362	-0.013947	0.015678	-0.028647	0.011670	0.012270
	-0.011120	0.023897	0.004657	0.015811	0.004190	0.009812
	0.021722	-0.005533	-0.004390	0.003617	-0.006889	-0.000391
	-0.009889	0.022670	-0.000630	0.007457	0.002593	0.003000
	-0.000314					
z173	0.025493	0.038527	0.007689	0.016044	0.011390	0.010613
	0.032700	0.001553	-0.002532	-0.003537	-0.008164	-0.013882
	0.019573	-0.000063	-0.016879	0.020698	0.007130	-0.011989
	0.006195	-0.002182	-0.030105	-0.016486	-0.015999	-0.008302
	-0.032124	-0.009030	-0.001423	-0.015467	-0.004257	-0.000904
	0.014689					
x174	-0.024848	0.014390	-0.015392	0.007029	-0.003696	-0.021046
	0.010384	0.003345	0.015796	-0.009372	-0.000781	-0.030857
	0.010792	0.011569	0.028605	0.007873	-0.011632	-0.017389
	-0.006056	0.007158	0.002335	0.008409	-0.007064	0.016160
	0.000756	-0.012799	-0.006949	0.009418	0.002708	-0.024800
	-0.034422					
y174	0.015530	-0.007695	-0.012318	0.011595	-0.025917	-0.002457
	0.017323	-0.013669	0.014139	-0.032224	0.013760	0.010876
	-0.011591	0.026568	0.008668	0.014178	0.003095	0.008657
	0.021790	-0.003997	-0.002511	0.004252	-0.010139	-0.003142
	-0.009837	0.024230	0.002666	0.008907	0.003830	0.000727
	-0.005362					
z174	0.024982	0.039684	0.006128	0.016131	0.009224	0.011043
	0.032419	0.002432	-0.003504	-0.006383	-0.005956	-0.012509
	0.019613	-0.000957	-0.016002	0.021157	0.005759	-0.012587
	0.009439	-0.001913	-0.030774	-0.013821	-0.016546	-0.007941
	-0.029049	-0.007830	-0.003634	-0.014304	-0.009215	-0.002550
	0.016325					

x175	-0.027559	0.011499	-0.014849	0.005878	-0.005314	-0.023108
	0.009241	0.005711	0.013558	-0.008327	-0.003048	-0.035458
	0.012755	0.013435	0.030524	0.011533	-0.010238	-0.020808
	-0.005477	0.009299	0.005638	0.009376	-0.009493	0.015766
	0.001569	-0.011266	-0.013920	0.009252	0.005342	-0.021054
	-0.032552					
y175	0.013556	-0.007187	-0.011924	0.011384	-0.025259	-0.003979
	0.015970	-0.013061	0.012281	-0.036245	0.015445	0.009400
	-0.012109	0.029717	0.013558	0.012207	0.002359	0.007161
	0.021620	-0.002141	-0.000807	0.005244	-0.014474	-0.007233
	-0.010496	0.024493	0.006925	0.009685	0.005027	-0.001786
	-0.011058					
z175	0.023860	0.041180	0.005440	0.015528	0.008266	0.011470
	0.031543	0.003164	-0.002123	-0.010521	-0.005537	-0.011044
	0.018321	-0.002194	-0.014425	0.020890	0.005211	-0.013835
	0.012592	-0.000367	-0.030905	-0.009651	-0.019185	-0.008477
	-0.028254	-0.007035	-0.003880	-0.014065	-0.015217	-0.004779
	0.014117					
x176	-0.028483	0.009008	-0.015178	0.004155	-0.005186	-0.023092
	0.009709	0.007229	0.011407	-0.003193	-0.003990	-0.035762
	0.013265	0.014545	0.029567	0.014812	-0.014709	-0.018262
	-0.004435	0.009378	0.009323	0.007335	-0.006360	0.016524
	-0.000161	-0.011952	-0.017360	0.009089	0.001548	-0.017575
	-0.028547					
y176	0.011798	-0.007710	-0.012239	0.011715	-0.024737	-0.005458
	0.015746	-0.011008	0.009210	-0.036409	0.016277	0.011969
	-0.016324	0.033983	0.015275	0.011773	-0.003057	0.009436
	0.020590	-0.002739	0.002363	0.008410	-0.014118	-0.010639
	-0.007556	0.022949	0.007098	0.009635	0.000528	0.000080
	-0.011310					
z176	0.023485	0.040960	0.004324	0.015641	0.007075	0.012032
	0.030793	0.004410	-0.001826	-0.014151	-0.004218	-0.009966
	0.017547	-0.000546	-0.013665	0.020075	0.005312	-0.013429
	0.012509	-0.000373	-0.029936	-0.009643	-0.016408	-0.007369
	-0.026869	-0.004693	-0.003793	-0.012618	-0.014891	-0.006491
	0.009930					
x177	-0.029116	0.006575	-0.015269	0.002314	-0.004583	-0.023129
	0.009628	0.008195	0.009657	0.001020	-0.005278	-0.036820
	0.013849	0.015894	0.028832	0.017436	-0.017653	-0.016651
	-0.004301	0.009280	0.011994	0.005909	-0.004527	0.016471
	-0.000832	-0.013390	-0.019027	0.008220	-0.000198	-0.013546
	-0.025766					

y177	0.009955	-0.008142	-0.012774	0.011777	-0.024308	-0.006851
	0.015636	-0.009505	0.006524	-0.035949	0.017446	0.014066
	-0.019584	0.038085	0.016404	0.011673	-0.008097	0.011690
	0.020166	-0.001924	0.006068	0.010601	-0.013264	-0.013363
	-0.005903	0.021375	0.006376	0.009682	-0.003091	0.001467
	-0.011313					
z177	0.022760	0.040631	0.003120	0.015391	0.005546	0.012669
	0.030727	0.006272	-0.001930	-0.017165	-0.002142	-0.008958
	0.016760	0.000122	-0.013607	0.018779	0.004420	-0.011940
	0.012152	-0.000601	-0.027801	-0.011091	-0.011897	-0.005352
	-0.026159	-0.000187	-0.005315	-0.010980	-0.017574	-0.008976
	0.008803					
x178	-0.029679	0.003977	-0.014853	0.000820	-0.003823	-0.023488
	0.009193	0.008999	0.009044	0.004275	-0.006972	-0.038354
	0.014706	0.016736	0.027651	0.018448	-0.018386	-0.016447
	-0.005164	0.008839	0.013223	0.003814	-0.002118	0.016817
	0.000716	-0.012769	-0.020131	0.007584	0.000152	-0.010216
	-0.022266					
y178	0.008172	-0.008401	-0.013124	0.011578	-0.023823	-0.008528
	0.015474	-0.008416	0.003987	-0.034612	0.017904	0.014975
	-0.022158	0.041471	0.017499	0.012645	-0.013427	0.013420
	0.019347	-0.000058	0.010410	0.012439	-0.013449	-0.015691
	-0.005774	0.018629	0.005803	0.008896	-0.006214	0.002298
	-0.012316					
z178	0.022083	0.040365	0.001393	0.014362	0.004147	0.013813
	0.030827	0.007945	-0.002945	-0.019183	0.001048	-0.007607
	0.015432	0.001109	-0.012784	0.018131	0.001681	-0.009401
	0.012856	0.000367	-0.024833	-0.012175	-0.007137	-0.004883
	-0.027186	0.002054	-0.006505	-0.009737	-0.022038	-0.011004
	0.008213					
x179	-0.030259	0.001150	-0.014608	-0.000440	-0.002825	-0.023316
	0.008939	0.009915	0.009215	0.007070	-0.009255	-0.039868
	0.015989	0.016584	0.026342	0.017972	-0.018074	-0.018019
	-0.005715	0.009014	0.012353	0.001779	0.000955	0.016540
	0.002184	-0.011803	-0.020787	0.008109	0.001097	-0.007615
	-0.018912					
y179	0.006479	-0.008518	-0.013435	0.011115	-0.023303	-0.010435
	0.015251	-0.007448	0.001748	-0.032681	0.017974	0.014882
	-0.023822	0.044192	0.018339	0.014028	-0.018723	0.014175
	0.018188	0.002685	0.014727	0.014039	-0.013422	-0.018152
	-0.006433	0.014897	0.005981	0.007978	-0.008393	0.001888
	-0.013796					

z179	0.021435	0.040228	0.000276	0.013057	0.003079	0.014161
	0.030621	0.008947	-0.004318	-0.020760	0.004176	-0.007168
	0.013681	0.002381	-0.010797	0.018113	-0.001229	-0.006312
	0.013276	0.001508	-0.020529	-0.013077	-0.004717	-0.003701
	-0.027751	0.004340	-0.008578	-0.009988	-0.027248	-0.011142
	0.008836					
x180	-0.030670	-0.001023	-0.013731	-0.001944	-0.002174	-0.023585
	0.009196	0.009939	0.008732	0.011322	-0.011781	-0.042013
	0.016703	0.014648	0.025290	0.019089	-0.018802	-0.018090
	-0.006218	0.009722	0.014174	0.001102	0.002121	0.016375
	0.001120	-0.014135	-0.021738	0.006640	-0.000281	-0.006124
	-0.017631					
y180	0.004762	-0.008900	-0.013741	0.010687	-0.022844	-0.011964
	0.014708	-0.006514	0.000179	-0.031891	0.018020	0.014808
	-0.023844	0.047070	0.019705	0.013381	-0.023170	0.013405
	0.017627	0.005078	0.017706	0.015028	-0.012388	-0.020164
	-0.007085	0.013427	0.006186	0.009078	-0.008382	0.001280
	-0.013150					
z180	0.020793	0.039420	-0.001144	0.012118	0.002626	0.014971
	0.029563	0.010537	-0.004161	-0.023807	0.006870	-0.007280
	0.012856	0.004952	-0.009121	0.015915	-0.001933	-0.006634
	0.013840	0.002968	-0.020353	-0.015130	-0.001018	-0.003113
	-0.025536	0.009039	-0.009957	-0.008291	-0.028993	-0.010260
	0.011144					
x181	-0.031129	-0.003159	-0.012896	-0.003149	-0.000665	-0.022554
	0.008404	0.010231	0.009945	0.013282	-0.013951	-0.044549
	0.018089	0.012946	0.024029	0.018339	-0.017301	-0.019668
	-0.007756	0.010330	0.012931	-0.000691	0.004910	0.014760
	0.002617	-0.012502	-0.021609	0.006672	0.001134	-0.002953
	-0.014121					
y181	0.002964	-0.008709	-0.014080	0.009909	-0.022258	-0.013769
	0.014323	-0.006195	-0.001333	-0.029922	0.017733	0.013540
	-0.023522	0.049680	0.020550	0.014585	-0.027835	0.011889
	0.016729	0.009378	0.021673	0.015931	-0.011649	-0.022100
	-0.009183	0.010022	0.005607	0.008904	-0.008521	-0.001306
	-0.013587					
z181	0.020373	0.038295	-0.002087	0.010530	0.001719	0.014290
	0.029203	0.011682	-0.005780	-0.024722	0.008791	-0.007788
	0.011482	0.006187	-0.006352	0.014494	-0.004204	-0.006074
	0.014332	0.004551	-0.017391	-0.015908	0.000398	-0.001970
	-0.025800	0.009700	-0.010626	-0.008302	-0.032426	-0.010915
	0.011463					

x182	-0.031248	-0.005648	-0.011847	-0.004235	0.000813	-0.022599
	0.007533	0.010077	0.010822	0.014497	-0.014193	-0.047265
	0.019649	0.011504	0.022193	0.014808	-0.012596	-0.021606
	-0.009503	0.007960	0.010313	-0.002371	0.005584	0.015547
	0.005813	-0.010956	-0.020116	0.007579	0.003408	0.000346
	-0.010188					
y182	0.001230	-0.008414	-0.014602	0.009053	-0.021943	-0.015819
	0.014405	-0.005948	-0.002717	-0.027947	0.017632	0.011779
	-0.022518	0.051738	0.021315	0.015947	-0.032396	0.009880
	0.015620	0.014285	0.025735	0.016802	-0.011245	-0.022905
	-0.012442	0.007361	0.005364	0.008203	-0.007596	-0.004558
	-0.013571					
z182	0.019869	0.037449	-0.002837	0.008338	0.001252	0.014788
	0.028061	0.012488	-0.006458	-0.024927	0.008288	-0.009571
	0.009925	0.007304	-0.002515	0.015669	-0.009076	-0.006160
	0.014114	0.009458	-0.012372	-0.016829	0.003657	-0.004567
	-0.026615	0.008848	-0.011380	-0.009544	-0.034872	-0.011282
	0.011056					
x183	-0.031331	-0.007728	-0.010287	-0.005289	0.002198	-0.022393
	0.006678	0.009819	0.013249	0.016733	-0.015552	-0.050813
	0.020948	0.008566	0.020057	0.012937	-0.008427	-0.023114
	-0.011310	0.007522	0.007124	-0.005556	0.007152	0.014462
	0.008530	-0.010946	-0.020109	0.008771	0.002820	0.004344
	-0.007022					
y183	-0.000574	-0.008371	-0.014990	0.007971	-0.021459	-0.017874
	0.013806	-0.006296	-0.003257	-0.025632	0.017083	0.009546
	-0.020090	0.053350	0.021665	0.017094	-0.036425	0.007346
	0.014365	0.020235	0.028706	0.016097	-0.009906	-0.024345
	-0.015044	0.004695	0.005120	0.008754	-0.006749	-0.008257
	-0.012737					
z183	0.019480	0.036283	-0.003603	0.006167	0.001064	0.015019
	0.027411	0.013644	-0.007731	-0.026071	0.008767	-0.011785
	0.008589	0.008894	0.001986	0.014238	-0.012551	-0.008670
	0.014924	0.012630	-0.008014	-0.015839	0.005934	-0.004562
	-0.028139	0.009342	-0.011676	-0.010504	-0.034339	-0.012308
	0.012041					
x184	-0.031211	-0.010635	-0.008536	-0.005774	0.003205	-0.021486
	0.005264	0.010166	0.015829	0.017263	-0.015972	-0.055094
	0.022087	0.007357	0.017846	0.009733	-0.004529	-0.020216
	-0.012158	0.004076	0.003345	-0.005891	0.003079	0.009500
	0.003746	-0.017551	-0.022448	0.004593	-0.006230	0.008868
	-0.005086					

y184	-0.002710	-0.005750	-0.014815	0.006449	-0.021444	-0.021349
	0.016143	-0.009632	-0.006394	-0.014799	0.012690	0.010681
	-0.017346	0.047543	0.022942	0.020156	-0.038231	-0.009452
	0.010167	0.030872	0.032352	0.009926	0.005433	-0.006415
	0.001089	0.022572	0.016516	0.009778	0.029163	-0.009975
	-0.007893					
z184	0.018940	0.036017	-0.004153	0.003679	0.001531	0.014333
	0.027335	0.013824	-0.008772	-0.024641	0.007100	-0.013568
	0.007836	0.007546	0.006955	0.013106	-0.014170	-0.018232
	0.014380	0.019917	-0.004613	-0.018151	0.015545	0.001314
	-0.017601	0.018790	-0.007491	-0.005572	-0.018814	-0.011652
	0.016220					
x185	-0.031515	-0.012831	-0.006476	-0.004873	0.002058	-0.020068
	0.003656	0.009014	0.017908	0.016641	-0.014902	-0.056929
	0.023910	0.003520	0.015922	0.008420	0.002148	-0.017496
	-0.010841	0.000126	-0.000542	-0.003777	0.002451	0.007082
	0.002239	-0.019678	-0.021096	0.005019	-0.009375	0.015198
	-0.004746					
y185	-0.003749	-0.005801	-0.014173	0.007644	-0.020402	-0.020577
	0.016027	-0.008134	-0.006026	-0.007908	0.010959	0.009740
	-0.020171	0.049824	0.025493	0.017466	-0.041493	-0.011805
	0.006102	0.033601	0.035386	0.010480	0.011811	-0.008452
	-0.001110	0.016367	0.011104	0.003353	0.032347	-0.015411
	-0.009340					
z185	0.019148	0.035004	-0.004531	0.003723	0.000249	0.014734
	0.025222	0.012263	-0.008367	-0.020818	0.006617	-0.014143
	0.006747	0.005560	0.006994	0.013241	-0.020083	-0.015714
	0.012739	0.019010	-0.000773	-0.016992	0.018981	0.005211
	-0.016677	0.014562	-0.006564	-0.005727	-0.019603	-0.007892
	0.011528					
x186	-0.031550	-0.014820	-0.004452	-0.004497	0.000939	-0.019021
	0.001661	0.007803	0.019659	0.015600	-0.013475	-0.058562
	0.025483	0.002312	0.011264	0.008412	0.007567	-0.013425
	-0.010917	-0.005495	-0.004693	-0.003370	0.000107	0.003783
	0.002278	-0.021148	-0.019987	0.004991	-0.013617	0.020364
	-0.004235					
y186	-0.004829	-0.005597	-0.013401	0.008643	-0.019597	-0.020635
	0.015534	-0.006943	-0.005511	-0.001331	0.010253	0.008888
	-0.022428	0.051933	0.026469	0.016495	-0.044554	-0.012109
	0.001886	0.035250	0.037353	0.010098	0.015784	-0.010543
	-0.003254	0.010793	0.005599	-0.003230	0.031763	-0.019521
	-0.010294					

z186	0.019218	0.033161	-0.004875	0.003675	-0.000814	0.015926
	0.022968	0.011179	-0.007949	-0.018252	0.006038	-0.015049
	0.006088	0.002516	0.008712	0.011019	-0.023026	-0.014659
	0.012400	0.018116	0.003035	-0.015081	0.023490	0.008913
	-0.015883	0.011951	-0.004045	-0.005213	-0.016329	-0.005218
	0.007504					
x187	-0.031709	-0.016676	-0.002529	-0.004597	0.000515	-0.017920
	0.000914	0.006610	0.020658	0.014594	-0.011682	-0.060911
	0.027315	0.000741	0.007149	0.007053	0.013186	-0.010435
	-0.011292	-0.009306	-0.008058	-0.003121	-0.003131	0.001052
	0.002605	-0.021882	-0.017764	0.003993	-0.015805	0.025800
	-0.000623					
y187	-0.006109	-0.005072	-0.012567	0.009428	-0.018920	-0.021649
	0.015654	-0.005610	-0.006162	0.005349	0.009727	0.007291
	-0.024273	0.050615	0.027014	0.017943	-0.045982	-0.011448
	-0.002851	0.037907	0.040239	0.010408	0.016566	-0.011811
	-0.005079	0.004381	0.003912	-0.009866	0.032632	-0.024293
	-0.011931					
z187	0.019393	0.030874	-0.005178	0.003511	-0.001813	0.017522
	0.019490	0.010454	-0.006471	-0.016865	0.005571	-0.014954
	0.005784	0.001156	0.010083	0.007837	-0.024431	-0.014796
	0.013456	0.016826	0.004206	-0.015057	0.028709	0.011689
	-0.014503	0.012983	-0.003069	-0.001982	-0.014048	-0.002596
	0.006453					
x188	-0.031787	-0.018390	-0.000610	-0.005447	0.000352	-0.016718
	0.000797	0.005128	0.021418	0.012716	-0.009973	-0.063593
	0.028708	-0.000022	0.003584	0.004511	0.017806	-0.007822
	-0.009949	-0.012534	-0.010690	-0.003129	-0.005594	-0.002589
	0.002983	-0.022139	-0.017116	0.002744	-0.019810	0.032406
	0.003846					
y188	-0.007196	-0.005946	-0.011619	0.009709	-0.018170	-0.021885
	0.014309	-0.004179	-0.005634	0.007697	0.009823	0.006364
	-0.023099	0.048601	0.027963	0.014500	-0.044955	-0.011144
	-0.003726	0.037686	0.039893	0.008982	0.018568	-0.012070
	-0.005318	0.003185	0.004053	-0.010927	0.032661	-0.023556
	-0.010659					
z188	0.019300	0.029860	-0.005263	0.003240	-0.003034	0.017587
	0.016984	0.009923	-0.006314	-0.012445	0.005221	-0.015941
	0.003141	-0.001239	0.010743	0.010718	-0.025565	-0.013868
	0.011947	0.018382	0.007775	-0.013994	0.030248	0.012928
	-0.015110	0.009823	-0.001866	-0.004054	-0.013342	-0.004737
	0.004205					

x189	-0.031976	-0.019869	0.001159	-0.006503	0.000253	-0.015123
	0.000647	0.004322	0.022394	0.011598	-0.008737	-0.065798
	0.029313	0.000189	-0.001071	0.002074	0.022369	-0.005389
	-0.009424	-0.015742	-0.013370	-0.004006	-0.008304	-0.006990
	0.001629	-0.023327	-0.017882	0.000073	-0.022007	0.037018
	0.007570					
y189	-0.008617	-0.006879	-0.010457	0.009904	-0.017548	-0.022381
	0.011721	-0.002813	-0.004520	0.010760	0.009750	0.005953
	-0.021011	0.044901	0.028478	0.012172	-0.042885	-0.009600
	-0.005715	0.035896	0.038729	0.007188	0.018767	-0.012572
	-0.006370	0.001437	0.005143	-0.012688	0.032295	-0.021838
	-0.011880					
z189	0.019287	0.028288	-0.005206	0.002882	-0.004183	0.017633
	0.014813	0.009965	-0.006297	-0.009996	0.005716	-0.017407
	0.001088	-0.003628	0.011598	0.012200	-0.024330	-0.013731
	0.012286	0.020039	0.009992	-0.013604	0.031640	0.014409
	-0.014541	0.010047	-0.000134	-0.004160	-0.011527	-0.005975
	0.005481					
x190	-0.032186	-0.021075	0.002735	-0.007851	0.000490	-0.013263
	0.001504	0.002661	0.022483	0.009737	-0.008538	-0.068330
	0.029289	0.001072	-0.006004	-0.000669	0.025821	-0.004076
	-0.007669	-0.018520	-0.017493	-0.005754	-0.008987	-0.011648
	-0.000836	-0.021506	-0.020957	-0.002614	-0.024741	0.039154
	0.009367					
y190	-0.009940	-0.006662	-0.009177	0.009568	-0.017009	-0.024069
	0.010111	-0.003179	-0.005783	0.015456	0.008760	0.004035
	-0.019713	0.038442	0.027433	0.013402	-0.042487	-0.004989
	-0.008644	0.035615	0.038161	0.004267	0.019609	-0.011547
	-0.011812	-0.000880	0.006484	-0.019832	0.027853	-0.020265
	-0.019426					
z190	0.019051	0.025566	-0.005120	0.002536	-0.005053	0.018216
	0.011411	0.011309	-0.004727	-0.009768	0.006860	-0.017468
	0.000734	-0.005885	0.013415	0.011659	-0.018956	-0.015242
	0.014767	0.020531	0.010751	-0.014330	0.031314	0.015074
	-0.010190	0.012780	0.004400	-0.000401	-0.006673	-0.007094
	0.012678					
x191	-0.032266	-0.022231	0.004330	-0.010045	0.001100	-0.011195
	0.002875	0.001282	0.022003	0.008143	-0.008393	-0.071531
	0.029315	0.002709	-0.011761	-0.003925	0.028189	-0.002602
	-0.007166	-0.019819	-0.018813	-0.007368	-0.011523	-0.017336
	-0.002968	-0.022061	-0.023852	-0.007124	-0.025723	0.039084
	0.014180					

y191	-0.011648	-0.008042	-0.008364	0.009713	-0.016507	-0.023936
	0.007415	-0.000632	-0.004466	0.011753	0.011285	0.003541
	-0.017238	0.035366	0.027882	0.008008	-0.035711	-0.006666
	-0.008013	0.032163	0.032057	0.002206	0.019609	-0.010075
	-0.012005	0.005149	0.008153	-0.014668	0.029163	-0.018623
	-0.012681					
z191	0.018967	0.023363	-0.004643	0.001589	-0.005941	0.017422
	0.008222	0.011701	-0.004587	-0.005869	0.006279	-0.018758
	0.000732	-0.011487	0.014044	0.015143	-0.015104	-0.013120
	0.015894	0.023336	0.013828	-0.016160	0.029114	0.014801
	-0.008445	0.012844	0.009796	-0.001452	-0.004474	-0.008789
	0.014652					
x192	-0.032072	-0.023233	0.005607	-0.012569	0.001862	-0.008539
	0.004327	-0.000020	0.021885	0.006296	-0.008236	-0.075193
	0.029407	0.005600	-0.016445	-0.008521	0.030401	-0.002379
	-0.006264	-0.018741	-0.018533	-0.007900	-0.011784	-0.023854
	-0.003579	-0.021498	-0.027059	-0.009300	-0.027385	0.039295
	0.019335					
y192	-0.012827	-0.007552	-0.007107	0.008016	-0.016882	-0.025965
	0.004989	0.000567	-0.005648	0.013707	0.012408	0.000603
	-0.016354	0.026672	0.028726	0.011884	-0.031671	-0.004050
	-0.009150	0.034844	0.034896	0.003466	0.015867	-0.008762
	-0.014721	0.001419	0.012980	-0.015051	0.022311	-0.018200
	-0.013611					
z192	0.018330	0.019913	-0.003999	0.001393	-0.006377	0.017419
	0.004717	0.013068	-0.003026	-0.005582	0.007113	-0.019291
	0.002146	-0.014947	0.014540	0.014248	-0.007598	-0.013288
	0.017825	0.022816	0.011769	-0.020061	0.027097	0.015187
	-0.004974	0.020173	0.015068	0.000883	0.001482	-0.009669
	0.021851					
x193	-0.031930	-0.023974	0.006170	-0.015840	0.002638	-0.005772
	0.006935	-0.001009	0.020931	0.004458	-0.009161	-0.078239
	0.028576	0.008269	-0.021458	-0.012234	0.031289	-0.002426
	-0.002338	-0.018000	-0.019829	-0.009284	-0.012420	-0.031535
	-0.003847	-0.021615	-0.032118	-0.012193	-0.028669	0.036077
	0.022825					
y193	-0.014363	-0.008536	-0.007055	0.007099	-0.017476	-0.026625
	0.001898	0.003620	-0.005222	0.009641	0.014243	-0.000293
	-0.012472	0.018610	0.029215	0.009533	-0.024147	-0.003865
	-0.005072	0.032462	0.030408	0.002533	0.015332	-0.005978
	-0.012663	0.005559	0.019691	-0.007559	0.018308	-0.014511
	-0.009873					

z193	0.017706	0.016633	-0.002730	0.001086	-0.006378	0.016542
	0.001061	0.013592	-0.002078	-0.003472	0.007211	-0.020287
	0.002367	-0.018709	0.015233	0.015495	0.000672	-0.012155
	0.018830	0.023529	0.010354	-0.023471	0.022418	0.014799
	-0.001891	0.026689	0.018864	-0.000900	0.005906	-0.010458
	0.027959					
x194	-0.028661	-0.021525	0.006267	-0.019219	0.002177	-0.002446
	0.011539	-0.004158	0.019122	0.002569	-0.003178	-0.076483
	0.026911	0.004149	-0.024853	-0.012336	0.030940	-0.000622
	-0.000076	-0.017498	-0.023469	-0.007105	-0.007734	-0.026097
	-0.002996	-0.017870	-0.023555	-0.016195	-0.015599	0.044764
	0.021007					
y194	-0.017925	-0.010234	-0.005741	0.002829	-0.018951	-0.027584
	-0.000351	0.006805	-0.007337	0.013477	0.009167	-0.007614
	-0.007241	0.009797	0.022678	0.006841	-0.017266	0.002960
	-0.005939	0.028647	0.029920	-0.001595	0.012741	-0.011182
	-0.015201	-0.003552	0.018207	-0.008407	0.007334	-0.014824
	-0.005023					
z194	0.015999	0.012299	-0.002471	-0.001329	-0.007336	0.014762
	-0.001331	0.011017	0.000893	-0.001650	0.005213	-0.020320
	0.005747	-0.020146	0.012952	0.013121	0.005960	-0.007977
	0.020137	0.017016	0.008297	-0.027423	0.025940	0.007921
	0.009620	0.025579	0.017541	0.002163	0.002016	-0.005704
	0.030198					
x195	-0.024982	-0.019486	0.006682	-0.021193	0.002327	0.000714
	0.015853	-0.005934	0.017809	0.000704	0.002010	-0.073427
	0.025836	0.003419	-0.028416	-0.012470	0.028670	0.000795
	0.001506	-0.016181	-0.026610	-0.005310	-0.004174	-0.019958
	-0.004084	-0.015005	-0.016394	-0.022962	-0.002656	0.050344
	0.019407					
y195	-0.020619	-0.012221	-0.004113	0.000732	-0.019530	-0.026767
	-0.001242	0.010318	-0.007716	0.014595	0.006709	-0.013021
	-0.002361	0.006148	0.015486	0.002646	-0.011958	0.004530
	-0.008322	0.024817	0.023039	-0.005304	0.009847	-0.013245
	-0.017392	-0.007620	0.018019	-0.008413	0.004648	-0.015956
	0.001780					
z195	0.014529	0.008527	-0.002273	-0.003946	-0.008290	0.012988
	-0.003667	0.008713	0.003228	0.000266	0.003346	-0.020417
	0.007159	-0.023048	0.011920	0.011430	0.011294	-0.003751
	0.021261	0.013717	0.007560	-0.028807	0.028117	0.001402
	0.018848	0.023358	0.015162	0.006909	-0.004026	-0.001849
	0.029631					

x196	-0.021064	-0.017331	0.006753	-0.022816	0.002924	0.002741
	0.018782	-0.007377	0.017379	-0.002652	0.005907	-0.070113
	0.023332	0.004912	-0.030671	-0.012928	0.026351	0.003432
	0.004070	-0.016611	-0.027603	-0.002626	-0.000504	-0.015155
	-0.002196	-0.011855	-0.012380	-0.029598	0.007992	0.055036
	0.013570					
y196	-0.022974	-0.013339	-0.002612	-0.001144	-0.019476	-0.025863
	-0.002869	0.010929	-0.006643	0.014259	0.003516	-0.018292
	0.000534	0.004520	0.011660	-0.001214	-0.008270	0.005194
	-0.007945	0.019181	0.019347	-0.008549	0.008839	-0.014434
	-0.011414	-0.011470	0.015584	-0.011504	0.001062	-0.010072
	0.000594					
z196	0.013083	0.005313	-0.001810	-0.005508	-0.009128	0.011355
	-0.005211	0.006586	0.004613	0.002017	0.001500	-0.019688
	0.007897	-0.025133	0.010986	0.010396	0.014879	0.000496
	0.020886	0.011914	0.004636	-0.028627	0.030128	-0.004748
	0.022924	0.021055	0.013715	0.007564	-0.008532	0.001167
	0.026844					
x197	-0.016984	-0.015433	0.006354	-0.023533	0.003818	0.004264
	0.021567	-0.008692	0.017850	-0.006221	0.009057	-0.065726
	0.020539	0.007174	-0.032738	-0.013363	0.024385	0.005921
	0.006647	-0.015206	-0.028090	0.000522	0.003069	-0.010324
	-0.002444	-0.007649	-0.011387	-0.035394	0.015592	0.057294
	0.009708					
y197	-0.025200	-0.014309	-0.002196	-0.003391	-0.017872	-0.022736
	-0.003146	0.009924	-0.004037	0.012677	0.003239	-0.023276
	0.005374	0.005144	0.009654	-0.003364	-0.005769	0.010539
	-0.004812	0.016658	0.018011	-0.011693	0.007134	-0.012963
	-0.005120	-0.012225	0.005974	-0.014663	-0.009210	-0.001021
	-0.000124					
z197	0.011574	0.002632	-0.000721	-0.005977	-0.009684	0.009620
	-0.006422	0.005052	0.005151	0.003742	-0.000508	-0.018523
	0.007723	-0.025954	0.010349	0.009966	0.016601	0.004699
	0.018295	0.011702	0.001395	-0.027544	0.029967	-0.010135
	0.023777	0.018031	0.012521	0.006132	-0.010320	0.004090
	0.019288					
x198	-0.012896	-0.013555	0.006072	-0.023198	0.005110	0.005443
	0.023775	-0.009387	0.019394	-0.009879	0.010899	-0.059409
	0.015806	0.010265	-0.034928	-0.013916	0.022864	0.006957
	0.008003	-0.013323	-0.027539	0.005098	0.006614	-0.006460
	-0.004055	-0.005584	-0.008812	-0.040969	0.021400	0.056347
	0.005970					

y198	-0.026261	-0.014193	-0.001355	-0.005895	-0.017047	-0.021130
	-0.004179	0.008996	-0.001655	0.011010	0.002512	-0.023213
	0.007376	-0.000355	0.003103	-0.003360	-0.005701	0.015427
	-0.003014	0.012110	0.012749	-0.010535	-0.000468	-0.012524
	0.000696	-0.014154	0.003682	-0.017720	-0.020674	0.006932
	0.003462					
z198	0.010191	0.000064	0.000291	-0.006627	-0.009343	0.008636
	-0.007603	0.002715	0.005611	0.004101	-0.001714	-0.016365
	0.008179	-0.025967	0.011728	0.009794	0.017209	0.008563
	0.016185	0.012139	-0.000609	-0.026805	0.026717	-0.014205
	0.023850	0.016775	0.009972	0.004456	-0.013186	0.005686
	0.013506					
x199	-0.008602	-0.011858	0.005427	-0.021940	0.007200	0.005824
	0.025403	-0.009293	0.021507	-0.012845	0.012340	-0.052931
	0.010427	0.015799	-0.036378	-0.014402	0.022161	0.005949
	0.008101	-0.010115	-0.024843	0.010245	0.011411	-0.002949
	-0.006254	-0.004687	-0.007088	-0.047148	0.025806	0.053413
	0.000583					
y199	-0.025796	-0.012603	-0.000901	-0.006571	-0.016603	-0.018591
	-0.004253	0.006783	0.002003	0.006027	0.000076	-0.025458
	0.008790	-0.008636	-0.002936	-0.000236	-0.005783	0.017853
	-0.002963	0.008346	0.006442	-0.007983	-0.007964	-0.010187
	0.003809	-0.018673	0.009662	-0.020871	-0.030577	0.013245
	0.006224					
z199	0.008771	-0.002561	0.001844	-0.007544	-0.008582	0.008298
	-0.009084	-0.000026	0.006251	0.003363	-0.002494	-0.013047
	0.007234	-0.025630	0.015088	0.010359	0.016177	0.012679
	0.014941	0.014184	-0.001914	-0.026574	0.022259	-0.016879
	0.021490	0.015906	0.007134	0.001819	-0.017762	0.008692
	0.006462					
x200	-0.003545	-0.010362	0.004225	-0.019989	0.010246	0.005687
	0.026040	-0.008901	0.023930	-0.015719	0.012721	-0.046759
	0.005236	0.024534	-0.038614	-0.014210	0.021863	0.004285
	0.007936	-0.007424	-0.021668	0.015532	0.016092	0.001970
	-0.010272	-0.005661	-0.007765	-0.055101	0.028426	0.047253
	-0.009385					
y200	-0.025762	-0.010850	-0.000989	-0.005995	-0.014993	-0.017595
	-0.004015	0.004258	0.004924	0.004852	0.001092	-0.024014
	0.005969	-0.017493	-0.007351	0.000413	-0.005918	0.020333
	-0.006569	0.012235	0.006647	-0.003851	-0.004155	-0.016443
	0.012316	-0.021775	0.018026	-0.019458	-0.038860	0.018424
	0.008866					

z200	0.007336	-0.005397	0.003987	-0.007652	-0.006989	0.009294
	-0.010479	-0.002687	0.006667	0.003124	-0.002979	-0.007635
	0.004623	-0.023189	0.018162	0.010771	0.014030	0.015871
	0.011599	0.017269	-0.005292	-0.026207	0.017854	-0.017135
	0.015486	0.014024	0.001865	-0.004354	-0.021397	0.014151
	-0.006600					
x201	0.001654	-0.009392	0.002350	-0.018087	0.011706	0.004208
	0.025065	-0.005889	0.026664	-0.022879	0.013363	-0.037226
	-0.002207	0.033409	-0.039099	-0.012195	0.021416	0.004740
	0.010295	-0.003134	-0.017248	0.021888	0.018252	0.002922
	-0.016870	-0.008531	-0.005204	-0.059314	0.024819	0.035878
	-0.010978					
y201	-0.024114	-0.008081	-0.001303	-0.003975	-0.009491	-0.014939
	-0.001366	-0.003413	0.008778	0.010349	-0.000794	-0.031078
	0.005829	-0.020800	-0.014941	0.002094	-0.004799	0.014683
	-0.013934	0.012402	0.005262	0.001662	0.003986	-0.011061
	0.021507	-0.025407	0.015786	-0.030339	-0.037359	0.027572
	-0.013204					
z201	0.006088	-0.008412	0.006589	-0.007716	-0.005280	0.010628
	-0.012576	-0.003933	0.006527	0.001244	-0.003303	-0.001926
	0.002073	-0.021688	0.021709	0.011098	0.013568	0.017457
	0.010549	0.025267	-0.008258	-0.024863	0.012430	-0.015653
	0.007810	0.012322	-0.001992	-0.006830	-0.023874	0.019391
	-0.021180					
x202	0.006799	-0.007442	0.001597	-0.013302	0.013436	0.002305
	0.022780	-0.004270	0.030357	-0.029578	0.013821	-0.023486
	-0.008937	0.041533	-0.039514	-0.011033	0.019733	0.005696
	0.005198	0.002363	-0.013463	0.029066	0.020897	0.002435
	-0.019760	-0.008934	-0.004647	-0.066264	0.018712	0.027047
	-0.019596					
y202	-0.021901	-0.006672	-0.004231	-0.004849	-0.006276	-0.012488
	0.002466	-0.008471	0.012311	0.011462	-0.002350	-0.038759
	0.002258	-0.022397	-0.021763	0.006554	-0.005001	0.012028
	-0.011962	0.012529	0.006368	0.007579	0.014611	-0.006039
	0.024934	-0.032340	0.018680	-0.037100	-0.034716	0.028588
	-0.022902					
z202	0.004739	-0.010455	0.009316	-0.006991	-0.003454	0.012290
	-0.014424	-0.006251	0.005727	-0.000481	-0.003941	0.004891
	0.000035	-0.017695	0.025935	0.012155	0.012340	0.020272
	0.009159	0.033149	-0.013041	-0.022084	0.006852	-0.012951
	-0.003531	0.011277	-0.009852	-0.016117	-0.028858	0.030730
	-0.046207					

x203	0.011779	-0.004953	0.004748	-0.008924	0.009410	0.001121
	0.025426	0.007818	0.022739	-0.031043	0.012612	-0.009268
	-0.014313	0.039089	-0.037782	-0.013845	0.020978	0.001792
	-0.001452	-0.008072	-0.007839	0.032447	0.016037	-0.000458
	-0.018417	-0.001955	-0.005919	-0.051884	0.021761	0.006610
	-0.012593					
y203	-0.017090	-0.010653	-0.006503	-0.007679	-0.007332	-0.006507
	0.010844	-0.011033	0.011539	0.011307	-0.000041	-0.043835
	-0.002217	-0.014786	-0.025725	0.008855	-0.000956	0.021213
	-0.009699	0.010803	-0.002475	0.010731	0.010059	-0.000288
	0.019928	-0.046384	0.013037	-0.040579	-0.029130	0.026313
	-0.025591					
z203	0.000576	-0.011705	0.013893	-0.005607	-0.001585	0.008531
	-0.012230	-0.012699	0.004448	0.002077	-0.001795	0.002814
	-0.000865	-0.024283	0.017811	0.013568	0.012681	0.021693
	0.004216	0.031559	-0.016098	-0.019781	0.000581	-0.002871
	0.000875	0.015059	0.001343	-0.015735	-0.021572	0.029123
	-0.051618					
x204	0.014672	-0.001369	0.006333	-0.005359	0.005077	-0.002529
	0.027369	0.017856	0.018232	-0.034973	0.012125	0.000373
	-0.019076	0.035774	-0.033419	-0.016463	0.020235	-0.001248
	-0.005053	-0.018855	-0.002339	0.028552	0.011205	-0.004368
	-0.014664	0.003716	-0.004383	-0.035221	0.025780	-0.015082
	0.003325					
y204	-0.010409	-0.014101	-0.005467	-0.007365	-0.007769	-0.002407
	0.015774	-0.008848	0.006644	0.011519	0.000955	-0.041094
	-0.006701	-0.006692	-0.031802	0.012325	0.004015	0.028853
	-0.004407	0.014739	-0.002150	0.017499	0.005413	0.006980
	0.016553	-0.048995	0.005478	-0.043413	-0.027171	0.021925
	-0.024582					
z204	-0.002323	-0.010915	0.018383	-0.004771	0.000079	0.004431
	-0.009714	-0.015825	0.003695	0.001646	-0.002491	0.000390
	-0.001281	-0.029277	0.008477	0.015628	0.014380	0.021356
	0.001047	0.030533	-0.012295	-0.015327	-0.007604	0.002235
	0.003155	0.019464	0.014461	-0.006766	-0.015066	0.021878
	-0.042942					
x205	0.016669	0.001178	0.004835	-0.004405	0.000578	-0.003570
	0.027194	0.025670	0.014144	-0.036934	0.012709	0.005443
	-0.022279	0.033181	-0.022916	-0.021511	0.020756	-0.008296
	-0.004915	-0.028422	-0.006601	0.027017	0.009098	-0.008353
	-0.014816	0.000944	-0.004391	-0.024884	0.032440	-0.030627
	0.008098					

y205	-0.004935	-0.015859	-0.004110	-0.005923	-0.007726	-0.000272
	0.021760	-0.006606	0.003903	0.009638	0.001176	-0.037047
	-0.009404	-0.000086	-0.039399	0.016086	0.006349	0.037181
	-0.001629	0.015884	-0.000689	0.020410	0.000849	0.014697
	0.013675	-0.046320	0.000351	-0.042266	-0.025810	0.016830
	-0.022238					
z205	-0.004105	-0.009928	0.021777	-0.004294	0.001263	0.001266
	-0.008027	-0.018107	0.003176	0.001315	-0.002656	-0.001308
	-0.002893	-0.031504	0.001190	0.014398	0.017217	0.020085
	-0.003843	0.027661	-0.011421	-0.010040	-0.012161	0.008511
	0.004676	0.024307	0.023036	-0.002332	-0.011000	0.020883
	-0.042034					
x206	0.017115	0.002460	0.002974	-0.002159	-0.002256	-0.003617
	0.026812	0.027076	0.011401	-0.034767	0.013543	0.008377
	-0.024021	0.032457	-0.014441	-0.022013	0.017027	-0.017149
	-0.004916	-0.032288	-0.014691	0.023541	0.010442	-0.012082
	-0.015473	-0.005241	-0.006777	-0.022716	0.038493	-0.037461
	0.002944					
y206	-0.000076	-0.017154	-0.003564	-0.005788	-0.007852	0.002449
	0.027297	-0.003522	0.002175	0.006115	0.001478	-0.033527
	-0.011532	0.004792	-0.043028	0.016568	0.008206	0.042721
	-0.000169	0.012025	-0.003715	0.020792	-0.001860	0.021637
	0.010024	-0.043188	-0.002265	-0.040898	-0.021606	0.011880
	-0.022147					
z206	-0.004895	-0.009350	0.024199	-0.002710	0.003093	-0.000455
	-0.005028	-0.021792	0.002914	0.004997	-0.003272	-0.001832
	-0.005137	-0.030028	-0.005264	0.014539	0.016918	0.017380
	-0.010595	0.024906	-0.015236	-0.007467	-0.014409	0.013769
	0.005854	0.024199	0.025450	-0.003484	-0.007216	0.023436
	-0.045580					
x207	0.017235	0.004732	0.000879	0.001195	-0.005468	-0.002773
	0.024739	0.027697	0.008777	-0.032375	0.015156	0.013194
	-0.023210	0.029388	-0.007048	-0.019928	0.013816	-0.024814
	-0.002809	-0.035660	-0.019910	0.020669	0.009275	-0.017313
	-0.014723	-0.002175	-0.010773	-0.015582	0.039484	-0.040467
	0.005255					
y207	0.004355	-0.018469	-0.003065	-0.005854	-0.008171	0.005508
	0.031757	-0.000765	0.000690	0.002078	0.002104	-0.029737
	-0.012467	0.009132	-0.043618	0.016398	0.007858	0.044963
	0.003644	0.008037	-0.010018	0.018514	-0.002118	0.027535
	0.005307	-0.040561	-0.004119	-0.041961	-0.013629	0.006885
	-0.022370					

z207	-0.004303	-0.008071	0.025245	-0.000391	0.003314	-0.000074
	-0.001594	-0.023709	0.002639	0.008021	-0.005602	0.000105
	-0.005528	-0.028283	-0.009051	0.015536	0.016254	0.012716
	-0.014617	0.022951	-0.019313	-0.005404	-0.016449	0.016063
	0.005294	0.025237	0.024342	0.000817	-0.004325	0.025384
	-0.042173					
x208	0.015829	0.007380	-0.001133	0.004842	-0.008109	-0.002469
	0.021597	0.027130	0.007543	-0.030232	0.015982	0.015529
	-0.020354	0.026531	-0.001399	-0.014563	0.010739	-0.031077
	0.003382	-0.037620	-0.019919	0.018789	0.007469	-0.022195
	-0.014618	0.000948	-0.017309	-0.009218	0.039404	-0.044337
	0.008903					
y208	0.008649	-0.019645	-0.002623	-0.005254	-0.009557	0.009725
	0.035322	0.002622	-0.000968	-0.002054	0.002641	-0.023657
	-0.012389	0.012584	-0.041047	0.016156	0.005159	0.043887
	0.009769	0.003247	-0.018279	0.013586	0.000075	0.032733
	-0.000168	-0.035257	-0.008201	-0.042584	-0.004859	0.000449
	-0.020045					
z208	-0.002922	-0.005800	0.025528	0.002079	0.003164	0.001279
	0.002699	-0.023849	0.002898	0.010878	-0.009497	0.003194
	-0.005558	-0.025954	-0.012151	0.017694	0.015440	0.007476
	-0.017472	0.019394	-0.021121	-0.002137	-0.019339	0.017551
	0.003069	0.024313	0.020412	0.007874	-0.004270	0.025956
	-0.034620					
x209	0.013559	0.010736	-0.002726	0.008009	-0.008569	-0.007297
	0.017012	0.026255	0.007549	-0.031170	0.018383	0.010461
	-0.014553	0.024468	0.001418	-0.007333	0.006555	-0.034898
	0.012817	-0.033567	-0.018885	0.015578	0.004474	-0.025602
	-0.012330	0.006720	-0.013649	-0.008384	0.047163	-0.041451
	0.008359					
y209	0.012670	-0.020247	-0.001784	-0.003639	-0.011584	0.014336
	0.039623	0.006935	-0.003091	-0.006686	0.002802	-0.015853
	-0.011161	0.014242	-0.036495	0.016470	-0.001004	0.039791
	0.018678	-0.001749	-0.028376	0.005164	0.004704	0.039120
	-0.005712	-0.026532	-0.012641	-0.042027	0.006493	-0.008329
	-0.014989					
z209	-0.000300	-0.002357	0.026090	0.003088	0.004309	0.001066
	0.008015	-0.022535	0.003055	0.009440	-0.013541	0.003223
	-0.005157	-0.020740	-0.017150	0.019638	0.015186	0.004425
	-0.022602	0.015791	-0.019336	0.000821	-0.022537	0.017294
	0.002224	0.021497	0.024137	0.014260	0.002007	0.028925
	-0.028401					

x210	0.011406	0.014345	-0.005797	0.009177	-0.008937	-0.014039
	0.008256	0.023574	0.009122	-0.031778	0.019926	0.004891
	-0.008190	0.023103	0.005087	-0.004893	0.007465	-0.039770
	0.021039	-0.026169	-0.018829	0.013528	0.002399	-0.032451
	-0.008770	0.012726	-0.010367	-0.008414	0.051019	-0.030824
	0.001765					
y210	0.016589	-0.020262	-0.001174	-0.001963	-0.014171	0.017864
	0.042614	0.012421	-0.004099	-0.013117	0.002283	-0.006416
	-0.008259	0.016292	-0.029489	0.013567	-0.007699	0.032821
	0.027692	-0.008022	-0.041088	-0.006322	0.011440	0.044428
	-0.011771	-0.013312	-0.015656	-0.039677	0.021270	-0.017262
	-0.008911					
z210	0.004206	0.002373	0.025383	0.003209	0.005754	0.000474
	0.010690	-0.019791	0.004959	0.007437	-0.018879	0.004965
	-0.004597	-0.012862	-0.020901	0.016990	0.019317	-0.000398
	-0.030010	0.011271	-0.016412	0.002780	-0.024484	0.010277
	0.001568	0.018573	0.026454	0.021570	0.007159	0.033555
	-0.023695					
x211	0.007064	0.017641	-0.009183	0.008841	-0.007959	-0.021609
	-0.001490	0.014565	0.010276	-0.028258	0.019760	-0.003410
	-0.002787	0.020295	0.007842	-0.001837	0.009794	-0.042699
	0.028630	-0.014371	-0.018241	0.012603	-0.001138	-0.041357
	-0.007678	0.009732	-0.008609	-0.011609	0.047360	-0.018130
	-0.008245					
y211	0.019651	-0.018998	-0.001001	-0.001937	-0.015301	0.019243
	0.043828	0.015786	-0.005413	-0.015189	-0.001290	0.002776
	-0.007792	0.015435	-0.021583	0.009618	-0.014787	0.025021
	0.033876	-0.012851	-0.052253	-0.017893	0.016561	0.046445
	-0.022135	-0.008390	-0.017388	-0.040603	0.030103	-0.029621
	-0.009763					
z211	0.008945	0.007909	0.023408	0.002624	0.008690	-0.000676
	0.013033	-0.017996	0.007394	0.010578	-0.027202	0.006730
	-0.005972	-0.005523	-0.024723	0.014076	0.024658	-0.006275
	-0.039414	0.007917	-0.013226	0.004978	-0.028681	0.000297
	-0.001703	0.006711	0.024308	0.027338	0.001954	0.037513
	-0.019820					
x212	0.005258	0.019642	-0.008819	0.007544	-0.008674	-0.021775
	-0.001283	0.010519	0.009679	-0.030160	0.014726	-0.004023
	-0.000341	0.012611	0.011041	-0.000038	0.008910	-0.041809
	0.030198	-0.014390	-0.019243	0.009014	-0.008079	-0.036649
	-0.006533	0.007620	-0.004572	-0.007913	0.040583	-0.017235
	-0.012053					

y212	0.021019	-0.016912	-0.003965	-0.001405	-0.012972	0.016683
	0.041102	0.014406	-0.003106	-0.010979	-0.001985	0.005205
	-0.010413	0.016475	-0.023840	0.011822	-0.012314	0.018023
	0.039076	-0.017201	-0.051635	-0.017271	0.015587	0.040864
	-0.022800	-0.010631	-0.020157	-0.041515	0.037718	-0.028776
	-0.007135					
z212	0.011021	0.010454	0.021158	0.005107	0.010931	-0.001119
	0.013916	-0.014278	0.009103	0.010761	-0.027243	0.003755
	-0.001265	-0.002514	-0.025822	0.015122	0.025441	-0.008869
	-0.039015	0.012513	-0.011204	0.006094	-0.025851	0.004321
	0.003683	-0.001984	0.025708	0.030722	0.002742	0.043118
	-0.014978					
x213	0.003302	0.021384	-0.008739	0.006335	-0.008891	-0.021652
	-0.000608	0.006480	0.009505	-0.031673	0.009493	-0.006218
	0.001876	0.005342	0.013799	0.001857	0.007426	-0.041350
	0.027655	-0.013121	-0.016527	0.005400	-0.013012	-0.030506
	-0.005712	0.004143	-0.000605	-0.005920	0.035619	-0.016877
	-0.013868					
y213	0.022238	-0.014889	-0.006343	-0.000972	-0.010906	0.014613
	0.039285	0.012001	-0.001194	-0.008330	-0.003967	0.006274
	-0.013273	0.016730	-0.025861	0.014623	-0.010099	0.011878
	0.040864	-0.018934	-0.048973	-0.017567	0.014557	0.037323
	-0.022116	-0.014131	-0.020267	-0.041835	0.044901	-0.027028
	-0.004517					
z213	0.013024	0.012951	0.019348	0.006809	0.013122	-0.001306
	0.015253	-0.011639	0.010475	0.009988	-0.027653	-0.000577
	0.002568	-0.000233	-0.026788	0.016451	0.024880	-0.012045
	-0.038578	0.017961	-0.008148	0.005463	-0.023359	0.008937
	0.008820	-0.009640	0.027883	0.034095	0.003544	0.047316
	-0.007506					
x214	0.001390	0.022912	-0.008747	0.005196	-0.008526	-0.021773
	0.000589	0.002396	0.009118	-0.031761	0.004479	-0.009148
	0.003451	-0.001590	0.016651	0.004165	0.004629	-0.038889
	0.023049	-0.010034	-0.011979	0.002738	-0.016737	-0.023653
	-0.004435	-0.001098	0.001755	-0.006135	0.030485	-0.015541
	-0.016208					
y214	0.023368	-0.013325	-0.008177	-0.000283	-0.009342	0.012941
	0.037445	0.009072	0.000454	-0.006940	-0.006191	0.006742
	-0.015935	0.016573	-0.027018	0.016975	-0.007925	0.007597
	0.041134	-0.018725	-0.045860	-0.017198	0.012840	0.035879
	-0.021258	-0.017268	-0.019690	-0.041408	0.049952	-0.023366
	-0.002626					

z214	0.014948	0.015042	0.018043	0.008255	0.015077	-0.001212
	0.016328	-0.009805	0.011518	0.008608	-0.028101	-0.005013
	0.005170	0.001233	-0.026964	0.017115	0.023589	-0.014512
	-0.036805	0.022123	-0.006033	0.004178	-0.020831	0.014192
	0.013065	-0.014765	0.028432	0.035339	0.004976	0.050316
	-0.001901					
x215	-0.000704	0.023792	-0.009016	0.004574	-0.008223	-0.022475
	0.001872	-0.000650	0.008497	-0.031795	0.001371	-0.011210
	0.005481	-0.006538	0.019514	0.006120	0.003135	-0.033464
	0.017660	-0.007425	-0.009035	0.001085	-0.017339	-0.018784
	-0.003451	-0.004104	0.003810	-0.005825	0.023930	-0.013629
	-0.017427					
y215	0.024248	-0.012352	-0.009600	0.000710	-0.008891	0.011044
	0.035146	0.006764	0.001928	-0.007298	-0.006666	0.007365
	-0.017229	0.017115	-0.026689	0.018521	-0.004879	0.007450
	0.040721	-0.018572	-0.043558	-0.015418	0.010862	0.032661
	-0.021882	-0.018535	-0.019156	-0.038927	0.049910	-0.017943
	-0.000171					
z215	0.016622	0.016950	0.017216	0.009762	0.016052	-0.001157
	0.016891	-0.008535	0.011450	0.006756	-0.027756	-0.008564
	0.007588	0.002557	-0.026225	0.018029	0.022255	-0.014561
	-0.033791	0.024249	-0.004944	0.003464	-0.018669	0.017541
	0.013461	-0.017376	0.027161	0.033742	0.005461	0.050998
	0.000215					
x216	-0.002832	0.023703	-0.009776	0.004537	-0.007805	-0.022718
	0.003287	-0.003161	0.009712	-0.033971	0.000430	-0.012504
	0.008516	-0.008467	0.023498	0.001974	0.004345	-0.031940
	0.013621	-0.007766	-0.009066	-0.000434	-0.011119	-0.016662
	0.002386	-0.000142	0.006309	-0.001924	0.019966	-0.007781
	-0.013013					
y216	0.025019	-0.011834	-0.010520	0.001830	-0.009838	0.009319
	0.032928	0.004437	0.003667	-0.009035	-0.006016	0.008697
	-0.017626	0.017928	-0.025778	0.017193	0.000055	0.005954
	0.040121	-0.019443	-0.042534	-0.013561	0.010913	0.027866
	-0.020144	-0.015304	-0.016408	-0.033612	0.049847	-0.009910
	0.003332					
z216	0.018225	0.019165	0.016983	0.010824	0.016010	-0.001400
	0.017591	-0.008774	0.010121	0.006347	-0.027356	-0.011345
	0.008698	0.003175	-0.025044	0.019192	0.019393	-0.015604
	-0.029818	0.024740	-0.003968	0.002821	-0.016220	0.018592
	0.011838	-0.018292	0.025730	0.027462	0.006253	0.050128
	-0.002020					

x217	-0.004502	0.024413	-0.010513	0.004413	-0.008149	-0.024933
	0.005745	-0.005472	0.009521	-0.031850	-0.000945	-0.012997
	0.008907	-0.011066	0.024365	0.004589	0.003794	-0.027431
	0.008032	-0.005574	-0.004730	-0.000766	-0.008630	-0.013060
	0.003277	-0.000844	0.009372	-0.004637	0.013060	-0.005704
	-0.011973					
y217	0.026035	-0.011121	-0.010961	0.002858	-0.012136	0.006492
	0.031000	0.002085	0.005280	-0.010555	-0.005363	0.010272
	-0.019118	0.018099	-0.024086	0.018119	0.004049	0.007652
	0.038961	-0.018362	-0.036932	-0.010543	0.007044	0.024150
	-0.019761	-0.011553	-0.012460	-0.029761	0.045867	-0.000334
	0.007088					
z217	0.019997	0.020909	0.017109	0.011806	0.014768	-0.001878
	0.017935	-0.008769	0.008535	0.004053	-0.026868	-0.012717
	0.008196	0.002648	-0.024013	0.020331	0.017481	-0.017130
	-0.020978	0.024184	-0.002178	0.002327	-0.016441	0.020195
	0.007411	-0.015602	0.024865	0.022027	0.008461	0.045375
	-0.001137					
x218	-0.006607	0.024000	-0.011624	0.005770	-0.007095	-0.025229
	0.007775	-0.006584	0.010965	-0.030794	-0.000592	-0.012485
	0.011449	-0.009946	0.025323	0.002483	0.005230	-0.025098
	0.000813	-0.005703	-0.006393	-0.000613	-0.002500	-0.009257
	0.004822	0.002710	0.010062	-0.004569	0.008303	-0.002352
	-0.010731					
y218	0.026449	-0.011366	-0.010823	0.005107	-0.013978	0.005323
	0.028228	-0.000352	0.007858	-0.014402	-0.003642	0.012013
	-0.018140	0.020425	-0.019924	0.014615	0.009646	0.008604
	0.036052	-0.019154	-0.035120	-0.006017	0.004245	0.020648
	-0.018467	-0.004122	-0.009421	-0.023333	0.041131	0.013652
	0.009167					
z218	0.020811	0.022725	0.018515	0.014182	0.014335	-0.001297
	0.018399	-0.012042	0.006783	0.005103	-0.026019	-0.012247
	0.007663	0.005114	-0.021989	0.019071	0.012140	-0.017318
	-0.016955	0.018155	-0.007143	0.001540	-0.013364	0.022873
	-0.000552	-0.010099	0.017692	0.004895	0.009256	0.047729
	-0.018206					
x219	-0.008621	0.024237	-0.013352	0.006289	-0.005397	-0.026006
	0.010666	-0.005981	0.011690	-0.025610	-0.000086	-0.013101
	0.013052	-0.008285	0.024311	0.004106	0.002912	-0.021609
	-0.007737	-0.002842	-0.003860	0.000034	0.000762	-0.007095
	0.000804	-0.000288	0.009161	-0.008106	0.000546	-0.005991
	-0.008576					

y219	0.026721	-0.010800	-0.010974	0.006813	-0.015952	0.003881
	0.025768	-0.002242	0.010325	-0.016861	-0.002296	0.011392
	-0.017052	0.021744	-0.015848	0.014031	0.013399	0.010812
	0.032223	-0.015546	-0.028406	-0.000724	-0.004041	0.015480
	-0.021033	-0.002686	-0.004755	-0.017188	0.029362	0.022746
	0.013777					
z219	0.022266	0.024891	0.019170	0.013920	0.012764	-0.000502
	0.017819	-0.011487	0.005349	0.002842	-0.025532	-0.014379
	0.006471	0.004445	-0.019817	0.021094	0.007602	-0.020989
	-0.003359	0.015600	-0.007922	-0.001693	-0.015635	0.020655
	-0.011348	-0.005651	0.014194	-0.000446	0.008514	0.032179
	-0.014285					
x220	-0.004664	0.031693	-0.022331	0.009942	-0.000824	-0.043168
	0.006569	-0.011392	0.014230	-0.037756	0.003452	0.011953
	0.019616	-0.012168	0.015662	-0.011270	-0.000081	-0.015891
	-0.040225	0.005846	-0.015239	-0.022625	0.009041	0.008370
	0.010431	0.057125	-0.014826	-0.018723	-0.030599	-0.000333
	-0.003932					
y220	0.039139	-0.010774	-0.014252	0.015430	-0.022025	0.004422
	0.027314	-0.003671	0.012016	-0.010015	0.003153	0.006199
	-0.010855	0.016471	-0.012366	0.008087	0.023470	0.006858
	0.005377	0.013282	-0.004908	0.004429	0.000008	0.008959
	-0.014929	0.012053	-0.012205	0.015394	-0.021272	0.022387
	0.029667					
z220	0.026997	0.043862	0.021375	0.014997	0.031181	0.008322
	0.024133	-0.013959	-0.001039	0.021255	-0.021851	-0.005282
	0.001329	0.008526	-0.038982	0.028473	-0.003129	-0.009874
	0.020937	0.016728	-0.010609	-0.008189	-0.035040	-0.003634
	-0.032010	-0.028735	0.014057	-0.019228	0.046695	0.002641
	-0.022292					
x221	-0.007352	0.030827	-0.023867	0.011340	-0.001216	-0.038951
	0.007058	-0.010067	0.015735	-0.039135	0.000278	0.009794
	0.019337	-0.009978	0.020349	-0.016185	-0.003876	-0.015649
	-0.039521	-0.001027	-0.018325	-0.026005	0.014543	0.012192
	0.006606	0.052181	-0.018481	-0.020044	-0.025586	-0.005103
	-0.016325					
y221	0.038012	-0.009626	-0.015991	0.015068	-0.023501	0.003368
	0.025992	-0.003693	0.012649	-0.013365	0.004177	0.011907
	-0.009514	0.017435	-0.010942	0.007705	0.021004	0.007267
	0.003786	0.010379	-0.006021	-0.000906	0.008226	0.003361
	-0.017171	0.019098	-0.013797	0.013018	-0.019601	0.017865
	0.023430					

z221	0.027122	0.044267	0.018990	0.016246	0.030723	0.006977
	0.027308	-0.011839	-0.002575	0.021182	-0.019967	-0.003983
	0.004496	0.005121	-0.037081	0.026908	0.000288	-0.008645
	0.016943	0.015594	-0.013406	-0.014751	-0.030968	-0.006442
	-0.032803	-0.028556	0.008889	-0.022751	0.042155	-0.003477
	-0.015223					
x222	-0.009930	0.029291	-0.025139	0.012584	-0.001220	-0.035326
	0.006403	-0.008744	0.017330	-0.038427	-0.001478	0.007923
	0.018625	-0.007332	0.024669	-0.020750	-0.006810	-0.015501
	-0.038178	-0.005655	-0.018208	-0.026831	0.020100	0.014912
	0.004050	0.047675	-0.020544	-0.019487	-0.021553	-0.007377
	-0.023674					
y222	0.036625	-0.008453	-0.017179	0.014543	-0.025525	0.002931
	0.026429	-0.003878	0.013163	-0.019140	0.003566	0.015560
	-0.008101	0.016891	-0.009687	0.007579	0.017717	0.007099
	0.001237	0.006369	-0.011025	-0.007003	0.013628	0.000868
	-0.018501	0.023676	-0.016436	0.011034	-0.017907	0.011147
	0.013680					
z222	0.026993	0.044576	0.016743	0.016913	0.029859	0.006323
	0.030553	-0.009984	-0.003988	0.020424	-0.018737	-0.004417
	0.008348	0.001565	-0.034868	0.025603	0.002576	-0.008843
	0.011614	0.014257	-0.016310	-0.020876	-0.026535	-0.009015
	-0.033684	-0.028236	0.004243	-0.025120	0.037120	-0.008471
	-0.009792					
x223	-0.012085	0.027901	-0.026382	0.013288	-0.001648	-0.031681
	0.005716	-0.007375	0.018512	-0.037063	-0.001684	0.004716
	0.018893	-0.004115	0.027427	-0.022420	-0.008468	-0.015951
	-0.037099	-0.010147	-0.018174	-0.026901	0.021339	0.017395
	0.000837	0.042167	-0.022776	-0.019238	-0.018699	-0.008871
	-0.029137					
y223	0.034796	-0.008183	-0.017579	0.014797	-0.026862	0.002394
	0.026306	-0.004968	0.014191	-0.024981	0.001469	0.019827
	-0.007895	0.017450	-0.007708	0.004386	0.014125	0.006052
	0.001960	0.003551	-0.013976	-0.009282	0.021432	-0.000392
	-0.015986	0.026980	-0.019242	0.012780	-0.016149	0.006200
	0.007044					
z223	0.026731	0.044563	0.014972	0.017821	0.028267	0.005581
	0.033044	-0.008350	-0.005391	0.019763	-0.018111	-0.004066
	0.010999	-0.001004	-0.033337	0.024734	0.002846	-0.008738
	0.008179	0.012477	-0.018036	-0.024170	-0.020797	-0.010905
	-0.032942	-0.028106	-0.000356	-0.026303	0.031586	-0.011362
	-0.004689					

x224	-0.014267	0.025780	-0.027059	0.013826	-0.002269	-0.028355
	0.004524	-0.005709	0.018983	-0.034576	-0.001264	0.002313
	0.019679	-0.000968	0.028657	-0.022978	-0.008591	-0.018271
	-0.035349	-0.014484	-0.020173	-0.025562	0.020107	0.019451
	-0.003063	0.035703	-0.024292	-0.018505	-0.014523	-0.011318
	-0.034216					
y224	0.033165	-0.007620	-0.017831	0.014690	-0.027706	0.002055
	0.026416	-0.006281	0.015618	-0.031028	0.000383	0.022488
	-0.008364	0.018700	-0.004623	0.001320	0.010996	0.006962
	0.002419	0.003108	-0.013967	-0.011559	0.027544	-0.001655
	-0.012894	0.031274	-0.021208	0.015950	-0.015645	0.005360
	0.004249					
z224	0.026645	0.044577	0.013612	0.018554	0.026674	0.004837
	0.034434	-0.006233	-0.006881	0.018436	-0.017681	-0.003361
	0.013374	-0.002727	-0.032869	0.024149	0.003732	-0.008567
	0.005408	0.010427	-0.020282	-0.027168	-0.016411	-0.012292
	-0.032983	-0.025731	-0.004392	-0.026541	0.026471	-0.013703
	-0.000720					
x225	-0.016315	0.023595	-0.027394	0.013349	-0.002591	-0.024502
	0.004364	-0.004581	0.020201	-0.033145	-0.001253	-0.001095
	0.021437	0.002571	0.030184	-0.024303	-0.009158	-0.019333
	-0.033390	-0.016480	-0.019573	-0.023167	0.019826	0.018897
	-0.003792	0.030525	-0.025561	-0.015439	-0.010065	-0.008917
	-0.035789					
y225	0.031444	-0.007367	-0.017575	0.015209	-0.028468	0.000516
	0.024977	-0.007703	0.015713	-0.034023	0.001382	0.025544
	-0.009059	0.019445	-0.002936	-0.000083	0.010249	0.006008
	0.003895	0.002204	-0.016349	-0.012522	0.027890	-0.000318
	-0.011578	0.031928	-0.022301	0.018038	-0.017540	0.001269
	0.002820					
z225	0.026593	0.044694	0.012281	0.019104	0.025156	0.004154
	0.035448	-0.004333	-0.007860	0.017004	-0.016649	-0.003048
	0.015626	-0.004098	-0.031936	0.023047	0.003358	-0.008219
	0.004306	0.008155	-0.021762	-0.028381	-0.012477	-0.013235
	-0.031683	-0.022904	-0.007782	-0.025985	0.021074	-0.013090
	0.003753					
x226	-0.018113	0.021214	-0.026825	0.012740	-0.003117	-0.022243
	0.003592	-0.002922	0.021058	-0.030958	-0.000364	-0.003756
	0.022519	0.005469	0.031683	-0.026138	-0.009734	-0.020194
	-0.030132	-0.017132	-0.020863	-0.019426	0.017549	0.019389
	-0.004100	0.023981	-0.024012	-0.009192	-0.010362	-0.004974
	-0.034501					

y226	0.029405	-0.007651	-0.017512	0.015405	-0.028882	0.001014
	0.023811	-0.009894	0.015959	-0.037623	0.002413	0.027152
	-0.009116	0.021423	-0.001266	-0.000637	0.011319	0.004947
	0.003658	0.003132	-0.015531	-0.013061	0.027556	-0.000989
	-0.010231	0.032366	-0.024873	0.017418	-0.014533	-0.002851
	0.001909					
z226	0.026568	0.044883	0.011033	0.019305	0.023857	0.004129
	0.035899	-0.002441	-0.008816	0.014804	-0.015601	-0.003243
	0.018280	-0.004496	-0.030341	0.021270	0.003341	-0.008428
	0.001837	0.006011	-0.023483	-0.030132	-0.008948	-0.014507
	-0.031862	-0.020081	-0.009644	-0.026288	0.017875	-0.013311
	0.006226					
x227	-0.019444	0.018768	-0.025499	0.012491	-0.003494	-0.019708
	0.002153	-0.001706	0.022395	-0.028793	0.000135	-0.006949
	0.022970	0.009183	0.032782	-0.026598	-0.009004	-0.023542
	-0.026784	-0.017285	-0.021178	-0.015215	0.015302	0.021286
	-0.003262	0.016874	-0.021867	-0.002658	-0.006892	-0.001963
	-0.032841					
y227	0.027034	-0.008024	-0.017816	0.015198	-0.028970	0.000984
	0.023445	-0.012238	0.015455	-0.040198	0.005449	0.028530
	-0.008504	0.022992	-0.000239	-0.001620	0.012799	0.005808
	0.004697	0.006382	-0.015440	-0.012377	0.023316	-0.000881
	-0.008205	0.032524	-0.027439	0.017337	-0.016846	-0.004493
	0.006037					
z227	0.026492	0.045077	0.009872	0.019356	0.022351	0.004389
	0.035972	-0.000336	-0.009736	0.012132	-0.014230	-0.003224
	0.020769	-0.005356	-0.028508	0.019450	0.002698	-0.008876
	0.000129	0.003785	-0.026626	-0.031434	-0.005932	-0.015301
	-0.032329	-0.016925	-0.010036	-0.026026	0.013626	-0.012602
	0.008283					
x228	-0.021177	0.016108	-0.024324	0.012141	-0.004106	-0.017782
	0.001415	-0.000425	0.023239	-0.027422	0.002778	-0.010620
	0.024105	0.013368	0.031942	-0.026493	-0.007194	-0.027011
	-0.021368	-0.015154	-0.020468	-0.009499	0.011769	0.024111
	-0.002095	0.010967	-0.022101	0.006111	-0.006764	0.001056
	-0.024843					
y228	0.025128	-0.008674	-0.016763	0.014882	-0.028684	0.001238
	0.021790	-0.014776	0.015076	-0.041119	0.007403	0.029250
	-0.008942	0.024706	0.002974	-0.002201	0.014851	0.005737
	0.004219	0.009299	-0.015804	-0.010724	0.016227	-0.002277
	-0.005792	0.029047	-0.025613	0.016621	-0.016362	-0.004122
	0.007825					

z228	0.026528	0.045356	0.008822	0.019398	0.020927	0.005097
	0.035391	0.001398	-0.010707	0.009676	-0.012586	-0.003078
	0.023125	-0.004921	-0.027234	0.017551	0.001454	-0.008851
	-0.001444	0.001629	-0.029051	-0.031892	-0.002268	-0.015817
	-0.032952	-0.013458	-0.009583	-0.026232	0.009434	-0.010153
	0.007890					
x229	-0.022632	0.013146	-0.023234	0.011282	-0.004762	-0.015692
	0.000062	0.000215	0.023951	-0.025586	0.005700	-0.013565
	0.024945	0.018421	0.031915	-0.026408	-0.004992	-0.029181
	-0.018922	-0.011944	-0.020942	-0.006344	0.007546	0.027342
	-0.000590	0.004839	-0.021901	0.014209	-0.006287	0.005523
	-0.018801					
y229	0.023149	-0.009587	-0.014550	0.015218	-0.028152	0.001058
	0.020107	-0.017229	0.014716	-0.041495	0.009533	0.028558
	-0.009256	0.025232	0.006095	-0.002543	0.017026	0.003333
	0.006998	0.012963	-0.015437	-0.004479	0.005916	-0.003445
	-0.001780	0.023330	-0.021986	0.018260	-0.018002	-0.003337
	0.015276					
z229	0.026653	0.045527	0.007965	0.019249	0.019012	0.005771
	0.034263	0.003426	-0.011158	0.006418	-0.011558	-0.003273
	0.025182	-0.004199	-0.025823	0.015618	-0.000730	-0.008999
	-0.000700	-0.000847	-0.030904	-0.030717	0.000165	-0.014674
	-0.032253	-0.010571	-0.008093	-0.024653	0.005230	-0.007830
	0.010069					
x230	-0.024299	0.012532	-0.021904	0.009537	-0.005818	-0.015403
	0.001118	0.001782	0.022071	-0.025190	0.005781	-0.018230
	0.022569	0.019986	0.034704	-0.019722	-0.005299	-0.033249
	-0.017265	-0.012925	-0.018957	-0.003049	0.001284	0.031199
	-0.003604	0.005186	-0.019365	0.016626	-0.007578	0.001885
	-0.018584					
y230	0.021513	-0.007563	-0.014049	0.015252	-0.028327	-0.000147
	0.019110	-0.018796	0.014856	-0.045094	0.013189	0.028062
	-0.010966	0.029801	0.010083	-0.000986	0.014751	0.002829
	0.008659	0.015219	-0.015888	0.001821	-0.003059	-0.004665
	-0.002098	0.022479	-0.012774	0.017523	-0.014381	-0.005926
	0.009139					
z230	0.026621	0.046718	0.007519	0.017994	0.017090	0.007553
	0.034421	0.003468	-0.012159	0.001146	-0.008499	-0.003192
	0.026137	-0.003256	-0.022981	0.014832	-0.001302	-0.010397
	-0.000664	-0.004066	-0.031881	-0.028666	-0.000099	-0.015394
	-0.031892	-0.009557	-0.006737	-0.022777	0.001107	-0.008237
	0.013647					

x231	-0.025352	0.011328	-0.021030	0.007129	-0.006831	-0.015091
	0.001039	0.004097	0.020828	-0.024583	0.005748	-0.021859
	0.020998	0.022756	0.035509	-0.012992	-0.006862	-0.034573
	-0.012535	-0.012129	-0.015647	0.000475	-0.002844	0.031117
	-0.005434	0.004621	-0.016406	0.016849	-0.004576	-0.001720
	-0.017925					
y231	0.019244	-0.005867	-0.013389	0.015834	-0.028579	-0.001468
	0.018692	-0.020338	0.014694	-0.048073	0.015708	0.026924
	-0.012651	0.032887	0.014870	-0.000178	0.013592	0.000195
	0.006995	0.015416	-0.016400	0.007047	-0.012093	-0.003397
	-0.003019	0.023371	-0.004786	0.018803	-0.014755	-0.006480
	0.004851					
z231	0.026531	0.047737	0.006736	0.016504	0.015363	0.009492
	0.034729	0.003887	-0.012816	-0.003389	-0.005483	-0.003158
	0.027058	-0.002330	-0.019542	0.013517	-0.002575	-0.011441
	-0.000309	-0.007903	-0.034029	-0.027300	0.000159	-0.016238
	-0.031238	-0.007859	-0.007346	-0.021492	-0.001459	-0.008149
	0.014970					
x232	-0.026480	0.010088	-0.020740	0.005031	-0.006928	-0.014890
	0.001759	0.006590	0.019913	-0.022590	0.005678	-0.024797
	0.019376	0.023513	0.035260	-0.008621	-0.006972	-0.035968
	-0.009676	-0.011755	-0.015508	0.002500	-0.007316	0.033047
	-0.007714	0.003093	-0.014660	0.016775	-0.004613	-0.005656
	-0.019703					
y232	0.016993	-0.004887	-0.012759	0.016321	-0.029280	-0.002378
	0.017575	-0.021848	0.014584	-0.051258	0.017117	0.025784
	-0.013479	0.036769	0.019159	0.001009	0.010475	-0.001945
	0.006868	0.015431	-0.013757	0.011850	-0.017618	-0.003213
	-0.003648	0.025138	0.002509	0.020411	-0.014085	-0.006517
	0.003722					
z232	0.026337	0.048100	0.006013	0.015226	0.013868	0.010987
	0.034492	0.004525	-0.013273	-0.008110	-0.003280	-0.003598
	0.026719	-0.000860	-0.016644	0.012505	-0.003497	-0.011784
	0.000138	-0.010766	-0.033563	-0.026275	0.000766	-0.015950
	-0.029035	-0.006139	-0.007573	-0.020142	-0.003467	-0.009102
	0.017018					
x233	-0.027270	0.008216	-0.020153	0.003529	-0.007140	-0.014445
	0.002757	0.008140	0.018224	-0.020680	0.005081	-0.029148
	0.019953	0.024126	0.035791	-0.003094	-0.007333	-0.037010
	-0.010758	-0.011576	-0.012812	0.003630	-0.011494	0.031877
	-0.006282	0.001597	-0.011000	0.017723	-0.004131	-0.005349
	-0.015523					

y233	0.014780	-0.004247	-0.013021	0.016080	-0.029738	-0.003507
	0.015777	-0.021977	0.014988	-0.053722	0.018465	0.025837
	-0.015166	0.040519	0.022245	0.000630	0.007688	-0.002562
	0.008922	0.014125	-0.012593	0.015124	-0.020961	-0.001836
	-0.004212	0.026972	0.006430	0.019162	-0.012340	-0.009423
	-0.000347					
z233	0.025827	0.048360	0.005164	0.015116	0.012079	0.012072
	0.033796	0.005200	-0.013074	-0.012460	-0.002025	-0.003398
	0.026070	-0.000879	-0.014168	0.012082	-0.002292	-0.011590
	0.000380	-0.011254	-0.032729	-0.024332	0.000484	-0.015786
	-0.026442	-0.003922	-0.008294	-0.018039	-0.006518	-0.009059
	0.015291					
x234	-0.028474	0.006394	-0.020614	0.002847	-0.006856	-0.015053
	0.003151	0.010010	0.017918	-0.017553	0.003821	-0.033049
	0.019229	0.023484	0.036727	0.000463	-0.008603	-0.038241
	-0.006612	-0.010196	-0.010012	0.005208	-0.012631	0.031735
	-0.005741	0.000180	-0.011260	0.018576	-0.004095	-0.004668
	-0.018043					
y234	0.012642	-0.004217	-0.013017	0.015895	-0.030429	-0.003839
	0.014870	-0.022090	0.014868	-0.055690	0.018925	0.026270
	-0.015292	0.043496	0.024325	0.000727	0.004928	-0.003366
	0.007959	0.012265	-0.011131	0.016983	-0.024328	-0.000553
	-0.004863	0.029571	0.010825	0.021035	-0.013365	-0.011170
	0.000891					
z234	0.025344	0.048247	0.004364	0.014915	0.010305	0.013087
	0.033081	0.005938	-0.012999	-0.017138	-0.000364	-0.003943
	0.025472	-0.000366	-0.011945	0.011577	-0.000349	-0.009916
	-0.000900	-0.010905	-0.031426	-0.023255	-0.000886	-0.015542
	-0.022188	-0.002863	-0.007279	-0.018428	-0.006954	-0.009384
	0.014384					
x235	-0.029522	0.003982	-0.020379	0.001182	-0.006355	-0.015056
	0.003519	0.012219	0.017816	-0.014870	0.000189	-0.036181
	0.019071	0.022023	0.036440	0.003112	-0.007876	-0.040025
	-0.007628	-0.012484	-0.007964	0.005464	-0.014002	0.032138
	-0.003889	0.001928	-0.008070	0.019768	-0.005339	-0.001037
	-0.016206					
y235	0.010624	-0.004458	-0.013988	0.016157	-0.030952	-0.004711
	0.013369	-0.021887	0.014590	-0.056196	0.020164	0.026473
	-0.015428	0.046637	0.025993	0.001019	0.001030	-0.002232
	0.009546	0.012023	-0.008084	0.018193	-0.025440	-0.001175
	-0.004300	0.029294	0.012488	0.020333	-0.012090	-0.013939
	-0.000617					

z235	0.024809	0.047764	0.003218	0.014691	0.008668	0.013876
	0.032307	0.007126	-0.012382	-0.020256	0.000672	-0.004697
	0.024083	-0.000526	-0.009658	0.011535	0.000764	-0.008558
	-0.002113	-0.009364	-0.029460	-0.022190	-0.001997	-0.015068
	-0.018501	-0.002589	-0.006927	-0.017574	-0.008240	-0.010019
	0.011639					
x236	-0.030661	0.001370	-0.021047	-0.000166	-0.005380	-0.014785
	0.004458	0.012820	0.018647	-0.011435	-0.002007	-0.039848
	0.019690	0.023044	0.032667	0.004748	-0.010677	-0.037954
	-0.005133	-0.011773	-0.004502	0.003117	-0.011266	0.032024
	-0.003585	0.000100	-0.008418	0.016233	-0.006605	0.003226
	-0.016372					
y236	0.008583	-0.005456	-0.014879	0.016516	-0.031501	-0.005548
	0.011604	-0.020465	0.014269	-0.056653	0.019618	0.027412
	-0.015093	0.047723	0.028846	0.000290	-0.001210	-0.003143
	0.008319	0.008921	-0.005930	0.019195	-0.026466	-0.000792
	-0.002212	0.032365	0.014483	0.022401	-0.012535	-0.015374
	0.000565					
z236	0.024253	0.047102	0.001594	0.013841	0.007293	0.014549
	0.030958	0.008711	-0.012057	-0.023584	0.001942	-0.005765
	0.023166	-0.000340	-0.007123	0.010782	0.000567	-0.007219
	-0.001992	-0.007952	-0.027008	-0.022945	-0.001948	-0.012984
	-0.016392	-0.000240	-0.006378	-0.016612	-0.009479	-0.011491
	0.009767					
x237	-0.031572	-0.001123	-0.020981	-0.001741	-0.004064	-0.013828
	0.004661	0.014539	0.018702	-0.008023	-0.005553	-0.041485
	0.019900	0.023397	0.030039	0.005824	-0.010391	-0.036185
	-0.004517	-0.015427	-0.001022	0.002728	-0.009796	0.032779
	-0.001400	0.001779	-0.009796	0.016376	-0.002869	0.002525
	-0.013093					
y237	0.006319	-0.006902	-0.016515	0.017002	-0.032263	-0.006535
	0.009629	-0.019249	0.013897	-0.056018	0.019264	0.027663
	-0.014108	0.049093	0.029697	-0.000164	-0.005151	-0.003209
	0.007066	0.008272	-0.002113	0.018646	-0.025082	-0.000611
	-0.001402	0.034147	0.016073	0.023501	-0.015882	-0.013883
	0.001209					
z237	0.023583	0.046416	-0.000092	0.013507	0.005243	0.014866
	0.030023	0.010075	-0.011529	-0.026148	0.002758	-0.006295
	0.022399	0.000011	-0.004032	0.009899	0.001025	-0.005850
	-0.002420	-0.006229	-0.023940	-0.022978	-0.002878	-0.012183
	-0.013807	0.000723	-0.005980	-0.017680	-0.009843	-0.010725
	0.005664					

x238	-0.032346	-0.003697	-0.021170	-0.003693	-0.003055	-0.014618
	0.004953	0.015989	0.018940	-0.005319	-0.009433	-0.045027
	0.020643	0.022132	0.026269	0.008112	-0.011014	-0.033706
	-0.000096	-0.015495	0.005442	0.002177	-0.007994	0.032726
	-0.000811	0.000568	-0.009815	0.017753	-0.002915	0.005577
	-0.006016					
y238	0.004071	-0.008946	-0.018437	0.017488	-0.033079	-0.006763
	0.007641	-0.016962	0.013751	-0.055374	0.018105	0.028891
	-0.012705	0.050063	0.030946	-0.001886	-0.008377	-0.003101
	0.006233	0.005119	0.000563	0.016696	-0.022528	-0.001060
	0.001926	0.037833	0.015218	0.025206	-0.016717	-0.014941
	0.003774					
z238	0.022714	0.045353	-0.001750	0.013631	0.003624	0.015116
	0.028524	0.011544	-0.010664	-0.028362	0.003340	-0.006664
	0.021314	0.000969	-0.001360	0.008571	0.001666	-0.003427
	-0.004116	-0.003392	-0.020652	-0.023467	-0.003506	-0.010269
	-0.010729	0.002998	-0.006592	-0.020001	-0.009321	-0.009803
	-0.001131					
x239	-0.032592	-0.006371	-0.019292	-0.004891	0.000029	-0.014781
	0.006080	0.015957	0.018978	0.001514	-0.013234	-0.047407
	0.020717	0.022761	0.023230	0.010420	-0.011582	-0.029222
	0.002007	-0.014261	0.007854	0.002547	-0.005638	0.030338
	0.000222	-0.002970	-0.010168	0.016951	0.002475	0.010309
	-0.004533					
y239	0.002809	-0.010572	-0.018398	0.017336	-0.032301	-0.007839
	0.007424	-0.015879	0.012604	-0.051178	0.016649	0.028785
	-0.012716	0.053484	0.034734	-0.000827	-0.014652	-0.002775
	0.005883	0.001952	0.003149	0.018389	-0.020874	-0.005884
	0.004642	0.038691	0.016585	0.028427	-0.009387	-0.012808
	0.007123					
z239	0.022422	0.043285	-0.002808	0.013361	0.002032	0.016032
	0.026445	0.012221	-0.010589	-0.029480	0.004673	-0.007376
	0.019260	0.003087	0.003577	0.006485	-0.000530	-0.001942
	-0.004917	-0.003410	-0.017358	-0.021687	-0.003426	-0.012512
	-0.008695	0.004724	-0.004596	-0.017085	-0.009072	-0.006271
	-0.004118					
x240	-0.032843	-0.009012	-0.017733	-0.005870	0.001592	-0.013923
	0.007960	0.017211	0.020451	0.004988	-0.015699	-0.050249
	0.020796	0.021745	0.021551	0.011654	-0.009523	-0.028207
	0.003746	-0.015293	0.007080	0.002231	-0.006276	0.027306
	-0.000642	-0.004924	-0.009282	0.015618	0.004786	0.012400
	0.002180					

y240	0.001426	-0.012000	-0.018308	0.017264	-0.031546	-0.009302
	0.006751	-0.015179	0.011285	-0.047071	0.015309	0.028519
	-0.012509	0.056505	0.037614	-0.000846	-0.020160	-0.003440
	0.005489	0.000040	0.006155	0.019240	-0.018873	-0.009393
	0.006353	0.039153	0.018442	0.032688	-0.003492	-0.010538
	0.009431					
z240	0.022036	0.041492	-0.004035	0.013221	0.000366	0.016944
	0.024449	0.012490	-0.010411	-0.029940	0.006306	-0.007946
	0.016864	0.004935	0.009003	0.005320	-0.002289	-0.001206
	-0.006525	-0.003162	-0.015662	-0.019671	-0.002734	-0.014492
	-0.005825	0.003802	-0.002936	-0.014210	-0.008461	-0.003034
	-0.009280					
x241	-0.033424	-0.010637	-0.015682	-0.005914	0.003070	-0.014495
	0.009321	0.016482	0.021026	0.010781	-0.018156	-0.053330
	0.019693	0.016675	0.017070	0.017588	-0.002206	-0.023926
	0.002716	-0.013124	0.009039	0.004031	-0.009525	0.023928
	0.000717	-0.012758	-0.010281	0.014360	0.007616	0.011654
	-0.001091					
y241	0.000056	-0.013219	-0.018167	0.016632	-0.030769	-0.010426
	0.005564	-0.014190	0.010224	-0.042662	0.013685	0.027752
	-0.012087	0.059169	0.040035	-0.001630	-0.026789	-0.004117
	0.005171	-0.001233	0.008362	0.019399	-0.016329	-0.012062
	0.005973	0.039530	0.020929	0.034419	0.001124	-0.008617
	0.012842					
z241	0.021783	0.039188	-0.005076	0.012991	-0.001424	0.017773
	0.022159	0.013060	-0.009566	-0.030559	0.006903	-0.008051
	0.014933	0.006324	0.013416	0.003886	-0.003111	-0.000397
	-0.007854	-0.002635	-0.013991	-0.018146	-0.001895	-0.015340
	-0.002383	0.004129	-0.001450	-0.011327	-0.007572	0.001113
	-0.012552					
x242	-0.033285	-0.012023	-0.014126	-0.007080	0.004356	-0.014467
	0.010678	0.016113	0.019423	0.016602	-0.018453	-0.056897
	0.017867	0.013882	0.014362	0.020883	-0.001102	-0.020659
	0.002429	-0.011006	0.011619	0.003884	-0.011188	0.022854
	-0.000037	-0.017806	-0.012368	0.009098	0.010016	0.011379
	0.001155					
y242	-0.001436	-0.014203	-0.018014	0.016606	-0.029972	-0.012364
	0.004263	-0.013688	0.008920	-0.037820	0.011190	0.026880
	-0.011395	0.059914	0.041279	-0.001138	-0.030794	-0.004069
	0.003525	-0.000724	0.010368	0.019876	-0.015129	-0.014663
	0.005466	0.036909	0.023105	0.035072	0.004394	-0.007421
	0.012719					

z242	0.021495	0.036886	-0.005909	0.012595	-0.003075	0.018430
	0.019760	0.013504	-0.008823	-0.030869	0.007169	-0.008159
	0.012956	0.007725	0.017480	0.002312	-0.004193	-0.000192
	-0.009086	-0.002235	-0.012225	-0.017848	-0.000746	-0.014648
	0.000464	0.004412	-0.001118	-0.008101	-0.007233	0.003834
	-0.014269					
x243	-0.033918	-0.014499	-0.011664	-0.009053	0.005582	-0.013056
	0.010235	0.015894	0.020462	0.018201	-0.018452	-0.059742
	0.017529	0.013283	0.010626	0.021492	0.002279	-0.019578
	0.003096	-0.015543	0.008732	-0.000738	-0.010213	0.023202
	-0.001437	-0.013903	-0.014948	0.007376	0.011473	0.009931
	0.011295					
y243	-0.003017	-0.015324	-0.017917	0.016977	-0.029143	-0.014104
	0.002284	-0.012749	0.008479	-0.033622	0.009092	0.025833
	-0.010145	0.060156	0.041673	-0.002666	-0.032409	-0.004397
	0.001659	0.000786	0.010929	0.020008	-0.013009	-0.017006
	0.006208	0.034727	0.024380	0.036970	0.008550	-0.005479
	0.012531					
z243	0.021344	0.034440	-0.006680	0.012015	-0.004346	0.018545
	0.017303	0.013507	-0.008322	-0.029392	0.006790	-0.007894
	0.010788	0.008779	0.020320	0.002111	-0.005494	0.000319
	-0.009901	-0.001230	-0.009754	-0.017554	0.000579	-0.013895
	0.002378	0.003054	-0.000346	-0.006080	-0.004950	0.004335
	-0.014783					
x244	-0.034196	-0.016676	-0.009097	-0.010499	0.005515	-0.011376
	0.011610	0.014376	0.019813	0.020237	-0.017246	-0.062116
	0.017773	0.009537	0.007351	0.019632	0.007728	-0.021711
	0.005822	-0.018586	0.008716	-0.000746	-0.010099	0.027417
	-0.004308	-0.013623	-0.015088	0.002650	0.010932	0.009723
	0.011346					
y244	-0.004575	-0.016255	-0.017866	0.017395	-0.028560	-0.016047
	0.000554	-0.012051	0.008107	-0.029193	0.006494	0.025096
	-0.008517	0.059492	0.041447	-0.003814	-0.033788	-0.004775
	-0.000382	0.002514	0.011186	0.019206	-0.011749	-0.018772
	0.005164	0.031209	0.025427	0.036909	0.012703	-0.003989
	0.010775					
z244	0.021517	0.032040	-0.007371	0.010813	-0.006204	0.018500
	0.014144	0.013450	-0.007595	-0.028179	0.005100	-0.007201
	0.009448	0.008829	0.023170	0.001424	-0.006320	0.000475
	-0.010976	0.000094	-0.007889	-0.017904	0.002787	-0.012450
	0.005129	0.002692	-0.000405	-0.004164	-0.005155	0.006859
	-0.016960					

x245	-0.034456	-0.016732	-0.005812	-0.012725	0.005479	-0.010935
	0.012169	0.013168	0.019982	0.024641	-0.014915	-0.067323
	0.015671	0.005379	0.004016	0.021472	0.008343	-0.018806
	0.008407	-0.015620	0.008908	-0.001650	-0.013205	0.028395
	-0.008117	-0.018429	-0.015907	-0.001615	0.003694	0.011999
	0.013401					
y245	-0.006289	-0.016462	-0.017591	0.017510	-0.027783	-0.018818
	-0.001475	-0.012055	0.007050	-0.022991	0.003018	0.023722
	-0.007129	0.056628	0.039751	-0.002881	-0.035451	-0.003744
	-0.003414	0.006491	0.011759	0.019116	-0.012193	-0.019733
	0.002902	0.024007	0.026497	0.034128	0.013693	-0.005776
	0.006921					
z245	0.021555	0.029296	-0.007698	0.009614	-0.007874	0.018321
	0.010496	0.013738	-0.006808	-0.026914	0.003369	-0.006982
	0.008089	0.008766	0.025962	-0.000027	-0.006344	0.000101
	-0.011287	0.001607	-0.006849	-0.018683	0.005442	-0.008617
	0.007637	0.002493	-0.000896	-0.000953	-0.003825	0.010495
	-0.018268					
x246	-0.034657	-0.017657	-0.003304	-0.015137	0.005482	-0.008948
	0.012157	0.012580	0.020656	0.024947	-0.009843	-0.071337
	0.014604	0.002040	0.001606	0.018776	0.012726	-0.017499
	0.009385	-0.015153	0.008889	-0.002470	-0.011398	0.027339
	-0.007766	-0.018049	-0.015659	-0.005956	0.001981	0.011108
	0.018591					
y246	-0.008042	-0.017077	-0.017554	0.017752	-0.026770	-0.021254
	-0.004045	-0.011364	0.006712	-0.017993	-0.000050	0.022376
	-0.004630	0.053373	0.037823	-0.004599	-0.034999	-0.003126
	-0.007337	0.011368	0.011215	0.018136	-0.011919	-0.020710
	0.001291	0.018015	0.026823	0.032911	0.016245	-0.007407
	0.003630					
z246	0.021572	0.026472	-0.008203	0.008091	-0.009400	0.017795
	0.007147	0.013972	-0.005934	-0.024549	0.001163	-0.006440
	0.006397	0.007957	0.027698	-0.000070	-0.006327	-0.000561
	-0.012072	0.003515	-0.005618	-0.019608	0.008263	-0.004338
	0.009691	0.001863	-0.002523	0.001121	-0.003154	0.011485
	-0.018552					
x247	-0.035072	-0.018001	0.000568	-0.017230	0.004800	-0.006776
	0.012361	0.010744	0.020457	0.023605	-0.005096	-0.075694
	0.012820	-0.000287	-0.003219	0.018740	0.018325	-0.017088
	0.010589	-0.017769	0.006998	-0.006310	-0.011205	0.028277
	-0.011346	-0.018191	-0.014760	-0.012456	-0.001468	0.014544
	0.020458					

y247	-0.009958	-0.017222	-0.017274	0.017994	-0.025734	-0.024285
	-0.006978	-0.011461	0.006151	-0.013139	-0.003879	0.021047
	-0.002474	0.049689	0.034623	-0.004898	-0.032323	-0.002201
	-0.010302	0.015430	0.009535	0.015745	-0.010151	-0.021419
	-0.002392	0.009787	0.028085	0.028296	0.016438	-0.006791
	-0.001909					
z247	0.021537	0.023879	-0.008103	0.006815	-0.010870	0.017061
	0.004116	0.013890	-0.005159	-0.022280	-0.001319	-0.005705
	0.004034	0.008539	0.029496	0.000689	-0.005624	-0.001345
	-0.012714	0.004854	-0.004759	-0.021325	0.010719	-0.000881
	0.011152	0.000192	-0.004946	0.002679	-0.000615	0.012762
	-0.016373					
x248	-0.034367	-0.017043	0.002717	-0.017305	0.006129	-0.006621
	0.012711	0.007791	0.020615	0.022789	-0.004074	-0.078316
	0.013692	-0.004097	-0.005901	0.016611	0.019118	-0.014500
	0.011969	-0.016069	0.007155	-0.010181	-0.006248	0.022702
	-0.011242	-0.019759	-0.014346	-0.017429	-0.008729	0.019064
	0.022562					
y248	-0.013238	-0.017613	-0.014924	0.014988	-0.025253	-0.026680
	-0.006342	-0.008679	0.004878	-0.008143	-0.000462	0.014007
	-0.001374	0.047748	0.034353	-0.006045	-0.031086	-0.005397
	-0.007649	0.013266	0.007727	0.013295	-0.012800	-0.018415
	-0.011050	0.007871	0.028115	0.025098	0.017171	-0.008863
	0.001511					
z248	0.020410	0.020816	-0.008293	0.004929	-0.011664	0.017178
	0.002028	0.013610	-0.005332	-0.018702	-0.000705	-0.008682
	0.004498	0.006872	0.030822	0.003309	-0.003041	-0.003423
	-0.008330	0.006156	-0.005140	-0.024273	0.006371	0.000126
	0.011632	-0.000736	-0.001872	0.008059	0.001074	0.010085
	-0.010915					
x249	-0.033282	-0.016553	0.004262	-0.017984	0.007258	-0.004237
	0.012753	0.007720	0.020202	0.018349	-0.001766	-0.079495
	0.012418	-0.008273	-0.006674	0.012342	0.020687	-0.010140
	0.012550	-0.016554	0.006908	-0.012100	-0.000425	0.020896
	-0.011538	-0.018537	-0.016274	-0.020711	-0.016744	0.024514
	0.024870					
y249	-0.016469	-0.018070	-0.012661	0.011678	-0.024331	-0.027721
	-0.005850	-0.005026	0.003685	-0.004121	0.003317	0.007461
	-0.000876	0.044796	0.033176	-0.007694	-0.029656	-0.007432
	-0.006777	0.010175	0.006196	0.010988	-0.014678	-0.013738
	-0.018349	0.006085	0.026683	0.023053	0.016611	-0.011086
	0.007574					

z249	0.019400	0.017676	-0.008305	0.002653	-0.011959	0.017361
	-0.000654	0.014708	-0.005418	-0.016047	-0.000609	-0.012321
	0.003506	0.004242	0.031599	0.005482	0.000172	-0.002986
	-0.003932	0.009067	-0.005417	-0.025719	0.004711	0.003350
	0.011866	-0.002168	-0.001089	0.010775	-0.001201	0.009019
	-0.009426					
x250	-0.031813	-0.016378	0.005053	-0.017222	0.008175	-0.002689
	0.012424	0.005704	0.019099	0.014564	0.001206	-0.079839
	0.012817	-0.010506	-0.007680	0.007889	0.018153	-0.006527
	0.011577	-0.016230	0.006858	-0.014745	0.007357	0.015771
	-0.012865	-0.017068	-0.014911	-0.024394	-0.019267	0.025169
	0.022809					
y250	-0.019328	-0.018711	-0.010535	0.008536	-0.023928	-0.029130
	-0.006146	-0.002367	0.002751	0.000042	0.005433	0.001435
	0.001327	0.040742	0.030366	-0.009187	-0.029837	-0.008468
	-0.006296	0.007876	0.005597	0.007198	-0.013990	-0.011493
	-0.024054	0.004997	0.026050	0.020294	0.016081	-0.013541
	0.009654					
z250	0.018370	0.014602	-0.008530	0.001343	-0.011926	0.017392
	-0.002918	0.014210	-0.004983	-0.012714	-0.001025	-0.015691
	0.005920	0.001027	0.030557	0.005271	0.001340	-0.001641
	-0.002168	0.009764	-0.004703	-0.029586	0.003720	0.003436
	0.011370	-0.004177	0.003362	0.012304	-0.000660	0.006010
	-0.006759					
x251	-0.029691	-0.015679	0.005812	-0.016208	0.007587	-0.000583
	0.013928	0.005045	0.016599	0.012030	0.004585	-0.079907
	0.010928	-0.013040	-0.007198	0.008080	0.017057	-0.000890
	0.008720	-0.015029	0.009353	-0.013453	0.009055	0.009723
	-0.014096	-0.020491	-0.016709	-0.031498	-0.021443	0.024084
	0.017337					
y251	-0.022030	-0.018879	-0.008204	0.006035	-0.024665	-0.029991
	-0.005683	0.000687	0.001562	0.004754	0.006676	-0.004146
	0.002638	0.035948	0.026747	-0.007558	-0.026985	-0.008864
	-0.008226	0.006399	0.006579	0.005407	-0.015306	-0.010626
	-0.027986	0.000841	0.024695	0.015990	0.013311	-0.015283
	0.011256					
z251	0.017257	0.011982	-0.007959	0.000284	-0.012015	0.017311
	-0.004522	0.015336	-0.003666	-0.010641	-0.000132	-0.018385
	0.006364	0.000602	0.029379	0.004446	0.004114	-0.000634
	-0.001239	0.009825	-0.003799	-0.030607	0.002224	0.002673
	0.012909	-0.004333	0.002140	0.012047	0.003338	0.002482
	-0.004767					

x252	-0.027792	-0.015145	0.006184	-0.015121	0.009200	0.003213
	0.013617	0.003495	0.017123	0.004711	0.007869	-0.078471
	0.009749	-0.013673	-0.005298	0.001672	0.016719	0.000187
	0.010225	-0.013546	0.005804	-0.012228	0.014150	0.005768
	-0.012654	-0.014013	-0.014586	-0.027656	-0.020128	0.026428
	0.017549					
y252	-0.025022	-0.018592	-0.005783	0.003208	-0.023653	-0.030401
	-0.006473	0.002864	0.002686	0.007421	0.006182	-0.010418
	0.004590	0.030930	0.024090	-0.008379	-0.023730	-0.009759
	-0.009216	0.005597	0.005954	0.002416	-0.013909	-0.011980
	-0.026588	0.000462	0.024407	0.016289	0.009820	-0.013805
	0.017074					
z252	0.016208	0.009959	-0.006161	-0.000505	-0.011245	0.016396
	-0.007504	0.015456	-0.003136	-0.008323	-0.001420	-0.020566
	0.005869	0.000521	0.027388	0.003969	0.007419	0.000717
	0.000073	0.013540	-0.000515	-0.031520	0.002544	0.003389
	0.012559	-0.002444	-0.000603	0.010359	0.001550	-0.001058
	-0.000326					
x253	-0.025326	-0.014642	0.005926	-0.014408	0.010037	0.007154
	0.015208	0.002429	0.015616	-0.000588	0.011187	-0.074704
	0.005585	-0.014629	-0.002461	-0.002008	0.013140	0.002853
	0.014770	-0.014049	0.005812	-0.008732	0.016662	0.006137
	-0.016506	-0.012077	-0.006487	-0.031832	-0.016607	0.031515
	0.014215					
y253	-0.027607	-0.018660	-0.003436	0.000477	-0.023484	-0.030622
	-0.006446	0.005418	0.002736	0.011165	0.005034	-0.014875
	0.005217	0.024821	0.019812	-0.007964	-0.021290	-0.009661
	-0.008926	0.003017	0.007843	0.000968	-0.013755	-0.010125
	-0.026765	-0.002579	0.027928	0.011617	0.005866	-0.009171
	0.022499					
z253	0.014949	0.007736	-0.004911	-0.000792	-0.010675	0.015531
	-0.009484	0.015908	-0.002214	-0.006527	-0.003107	-0.021893
	0.004195	0.001303	0.025859	0.002813	0.010927	0.001550
	0.004082	0.013504	0.002180	-0.031448	0.004892	0.004721
	0.011454	-0.001712	-0.000331	0.004877	0.000641	0.001135
	0.003923					
x254	-0.021531	-0.016653	0.003913	-0.011189	0.007153	0.011203
	0.016247	0.001993	0.008594	-0.007907	0.019469	-0.071750
	0.005051	-0.012128	0.004688	-0.001410	0.008933	0.002733
	0.018139	-0.013343	-0.000366	-0.007757	0.025697	0.007083
	-0.016150	-0.000889	-0.010876	-0.032079	-0.007959	0.028928
	0.019031					

y254	-0.029821	-0.019286	-0.002091	-0.001432	-0.024885	-0.030878
	-0.006831	0.007762	0.000773	0.013275	0.005560	-0.018250
	0.007498	0.019292	0.013886	-0.005114	-0.017888	-0.008595
	-0.008848	0.001423	0.006846	-0.002334	-0.009234	-0.008041
	-0.023524	-0.000599	0.025936	0.010268	0.001476	-0.007743
	0.029087					
z254	0.013421	0.005885	-0.004281	-0.000875	-0.010536	0.015431
	-0.009257	0.015504	-0.001453	-0.004582	-0.001771	-0.024122
	0.004053	0.002127	0.022882	0.002168	0.012776	0.002572
	0.004415	0.014042	0.002623	-0.031290	0.008437	0.004278
	0.009699	-0.003203	-0.002571	-0.001110	0.002501	-0.003516
	0.008859					
x255	-0.017873	-0.014756	0.002124	-0.010554	0.007353	0.016365
	0.019475	0.000100	0.005744	-0.013052	0.025780	-0.066048
	-0.000890	-0.012149	0.008141	-0.001603	0.001150	0.005233
	0.022627	-0.012289	0.001240	-0.001017	0.023865	0.010634
	-0.020866	0.004199	-0.003166	-0.035142	0.002297	0.027869
	0.008050					
y255	-0.031820	-0.017613	-0.000606	-0.004376	-0.024937	-0.030481
	-0.006133	0.009048	0.000930	0.017006	0.003619	-0.021071
	0.008412	0.011625	0.006312	-0.001977	-0.015375	-0.006983
	-0.008938	-0.000583	0.011251	-0.003925	-0.009295	-0.004524
	-0.020087	-0.000985	0.029251	0.007233	-0.003442	-0.003394
	0.030474					
z255	0.012199	0.004206	-0.003855	-0.001184	-0.010679	0.016019
	-0.009667	0.015758	0.000653	-0.004042	-0.000090	-0.025711
	0.004166	0.003696	0.021088	0.000311	0.015710	0.002710
	0.003972	0.013563	0.003314	-0.030130	0.012571	0.004294
	0.009158	-0.002021	-0.005104	-0.008915	0.006038	-0.005103
	0.011086					
x256	-0.013660	-0.012207	-0.000720	-0.010720	0.010812	0.022260
	0.023702	-0.002855	0.005268	-0.020631	0.033983	-0.057014
	-0.007037	-0.009303	0.012712	-0.006618	-0.008127	0.007696
	0.030309	-0.014228	-0.000649	0.005547	0.018996	0.013986
	-0.029939	0.008903	0.007155	-0.030049	0.012755	0.034027
	-0.003580					
y256	-0.033482	-0.016261	0.000525	-0.007591	-0.024082	-0.029773
	-0.005570	0.009474	0.002191	0.019927	0.001659	-0.023714
	0.010525	0.005526	-0.000943	0.000702	-0.012091	-0.005150
	-0.008802	-0.002415	0.014667	-0.006084	-0.008541	-0.005488
	-0.016672	-0.003674	0.029767	0.005943	-0.011226	0.006627
	0.032506					

z256	0.010943	0.003675	-0.003473	-0.001362	-0.008484	0.015787
	-0.008968	0.014429	0.002833	-0.003585	0.001271	-0.025916
	0.003945	0.007517	0.019196	-0.004200	0.018087	0.004608
	0.003750	0.011507	0.003080	-0.029798	0.016121	0.002749
	0.007923	-0.002213	-0.010397	-0.016611	0.007248	-0.000567
	0.009701					
x257	0.021030	0.049266	-0.030469	0.011519	0.006867	0.000761
	0.001470	0.014700	0.023404	-0.019682	-0.008202	-0.003243
	0.022710	0.012593	0.003783	0.005109	0.015050	0.006155
	0.001417	-0.000162	0.006686	0.004431	0.048958	-0.004943
	0.025559	-0.041940	-0.009789	-0.036285	0.030835	-0.033109
	-0.010701					
y257	-0.013231	-0.071049	-0.014434	0.038753	-0.014886	-0.036106
	0.029469	0.078884	-0.039168	-0.021599	-0.015355	-0.027297
	-0.047260	-0.017309	-0.042225	0.048763	0.049576	-0.000626
	-0.017370	-0.016117	-0.014107	-0.035255	-0.016370	-0.080422
	-0.014290	-0.004575	-0.045785	-0.030059	-0.016453	0.021628
	-0.031658					
z257	0.006086	0.000307	0.053645	0.019633	-0.013588	-0.021715
	0.028489	-0.003120	0.004166	-0.016767	-0.024669	-0.020431
	-0.015667	-0.034154	0.000886	0.034754	-0.055823	0.015581
	-0.044773	-0.033576	-0.016317	-0.008773	-0.044498	-0.037009
	-0.003007	0.048170	0.030704	-0.032203	-0.014949	0.031744
	-0.003506					
x258	0.024551	0.055539	-0.029016	0.005757	0.007579	0.005931
	0.001755	0.002365	0.023586	-0.016135	-0.010192	0.002680
	0.026538	0.019481	0.006012	-0.003972	0.006603	-0.000543
	0.009450	0.001010	0.014512	0.006225	0.048536	0.000792
	0.020063	-0.036165	-0.000849	-0.038592	0.019904	-0.031482
	-0.014492					
y258	-0.012914	-0.066746	-0.014306	0.035704	-0.013452	-0.033595
	0.028831	0.082057	-0.037047	-0.020615	-0.013158	-0.026911
	-0.054730	-0.016959	-0.044000	0.048447	0.048859	-0.008666
	-0.019010	-0.016839	-0.013932	-0.033342	-0.010796	-0.062911
	-0.019091	-0.002525	-0.042196	-0.034148	-0.021145	0.006608
	-0.022060					
z258	0.005605	-0.000491	0.053489	0.018128	-0.013639	-0.023962
	0.026169	-0.007844	0.012150	-0.020543	-0.015142	-0.026178
	-0.009412	-0.033537	0.006095	0.031541	-0.062628	0.024855
	-0.050082	-0.030290	-0.022860	0.000140	-0.038783	-0.033586
	0.010003	0.046514	0.022068	-0.019181	-0.025831	0.035674
	0.006726					

x259	0.028589	0.060983	-0.028316	0.002152	0.009975	0.016659
	-0.003436	-0.009431	0.022181	-0.010854	-0.008401	0.011163
	0.030635	0.029494	0.006283	-0.012734	-0.004299	0.001814
	0.022578	0.009632	0.010389	0.015200	0.057661	0.001590
	0.018433	-0.042193	0.007615	-0.036518	0.024658	-0.033975
	-0.023120					
y259	-0.010783	-0.062620	-0.014686	0.033001	-0.011828	-0.029667
	0.027777	0.082153	-0.033855	-0.020188	-0.009292	-0.020843
	-0.059538	-0.014085	-0.048359	0.043995	0.045648	-0.017309
	-0.015968	-0.014627	-0.015242	-0.031731	-0.002823	-0.053146
	-0.020662	-0.004292	-0.035563	-0.037261	-0.019299	-0.006107
	-0.020391					
z259	0.005857	-0.002413	0.052778	0.017106	-0.015150	-0.026938
	0.025324	-0.012439	0.019708	-0.023767	-0.006302	-0.029433
	-0.003768	-0.033704	0.010363	0.025078	-0.067817	0.028469
	-0.053820	-0.029555	-0.025707	0.007293	-0.036434	-0.032032
	0.018041	0.045727	0.013500	-0.013624	-0.035682	0.039149
	0.011736					
x260	0.029463	0.064037	-0.026069	-0.002952	0.008630	0.023818
	-0.004711	-0.021432	0.021410	-0.008914	-0.010953	0.010354
	0.035732	0.033224	0.012314	-0.020696	-0.012428	0.004760
	0.026630	0.010236	0.008615	0.020585	0.050128	0.008744
	0.012216	-0.035097	0.009662	-0.037474	0.013138	-0.027511
	-0.019890					
y260	-0.010643	-0.058165	-0.014185	0.028556	-0.011435	-0.024469
	0.026316	0.080338	-0.031085	-0.020514	-0.007083	-0.019521
	-0.061703	-0.012731	-0.046762	0.038348	0.041064	-0.019275
	-0.015635	-0.013761	-0.016501	-0.028060	-0.000075	-0.039223
	-0.021252	-0.000792	-0.030545	-0.035801	-0.024058	-0.012916
	-0.013773					
z260	0.006435	-0.004091	0.052008	0.015988	-0.017022	-0.029139
	0.024320	-0.016292	0.026001	-0.025605	0.001381	-0.031343
	0.000507	-0.033051	0.014279	0.018944	-0.070458	0.030293
	-0.056271	-0.028448	-0.027378	0.014397	-0.034033	-0.029866
	0.023801	0.043371	0.005693	-0.008159	-0.042202	0.038075
	0.016035					
x261	0.030201	0.065937	-0.023922	-0.006510	0.006676	0.029100
	-0.003499	-0.032919	0.021644	-0.006071	-0.014104	0.008697
	0.042433	0.035358	0.015843	-0.026648	-0.018622	0.008842
	0.028135	0.010134	0.007987	0.024364	0.038150	0.013334
	0.006391	-0.030431	0.010504	-0.041839	0.003032	-0.022101
	-0.017014					

y261	-0.010078	-0.053381	-0.013669	0.024624	-0.010797	-0.017856
	0.025333	0.075520	-0.027759	-0.018913	-0.006232	-0.019753
	-0.058936	-0.009370	-0.044696	0.033646	0.037111	-0.017783
	-0.014004	-0.012856	-0.018411	-0.022847	-0.001634	-0.025173
	-0.023040	0.001786	-0.028893	-0.035125	-0.027898	-0.017872
	-0.013156					
z261	0.007562	-0.005581	0.051151	0.014894	-0.018367	-0.030296
	0.022976	-0.020292	0.031810	-0.026139	0.007948	-0.031411
	0.004115	-0.031907	0.017520	0.014842	-0.069401	0.030592
	-0.056668	-0.026125	-0.027347	0.021629	-0.032331	-0.026810
	0.028266	0.038910	-0.001539	-0.001270	-0.044575	0.032605
	0.017221					
x262	0.030130	0.066936	-0.021396	-0.010343	0.003384	0.032383
	-0.001654	-0.043847	0.021862	-0.005829	-0.017976	0.005426
	0.049306	0.032450	0.019252	-0.031775	-0.024040	0.011616
	0.025862	0.007423	0.008173	0.024457	0.022379	0.019454
	0.003380	-0.024468	0.011125	-0.045317	-0.004998	-0.013852
	-0.008471					
y262	-0.009914	-0.048328	-0.012808	0.019455	-0.011347	-0.011342
	0.023821	0.068080	-0.025329	-0.019692	-0.006367	-0.019982
	-0.054767	-0.010814	-0.040812	0.028518	0.032192	-0.014590
	-0.016135	-0.013502	-0.020249	-0.017870	-0.005940	-0.011386
	-0.023254	0.004006	-0.031818	-0.032614	-0.031846	-0.015766
	-0.006743					
z262	0.009519	-0.006633	0.049861	0.013676	-0.019337	-0.030650
	0.020700	-0.024428	0.036938	-0.025675	0.014228	-0.027821
	0.005670	-0.030320	0.019534	0.010761	-0.066772	0.028290
	-0.055162	-0.022691	-0.026102	0.028245	-0.029271	-0.025024
	0.030431	0.028428	-0.009679	0.006316	-0.041997	0.023761
	0.017442					
x263	0.030882	0.067351	-0.020225	-0.012785	0.000393	0.035272
	-0.001242	-0.054142	0.023210	-0.005681	-0.019380	0.004808
	0.055854	0.033621	0.020793	-0.037401	-0.028506	0.015631
	0.028921	0.004369	0.008116	0.022938	0.010832	0.017740
	0.005625	-0.025276	0.018276	-0.041814	-0.006176	-0.007325
	-0.002545					
y263	-0.008542	-0.042835	-0.012977	0.014826	-0.012430	-0.003379
	0.020390	0.057488	-0.021975	-0.019884	-0.004121	-0.019401
	-0.048169	-0.006505	-0.035905	0.018538	0.028196	-0.009958
	-0.013016	-0.016075	-0.022249	-0.013604	-0.009815	-0.003961
	-0.016071	0.003835	-0.029882	-0.023844	-0.034932	-0.010160
	-0.001018					

z263	0.011504	-0.007865	0.048977	0.012264	-0.020814	-0.029770
	0.018766	-0.028197	0.041649	-0.024601	0.018791	-0.022824
	0.006508	-0.028651	0.020522	0.006049	-0.061348	0.023107
	-0.052473	-0.020243	-0.024014	0.033756	-0.028286	-0.021095
	0.030477	0.017899	-0.016826	0.011460	-0.038322	0.012363
	0.018848					
x264	0.031637	0.066599	-0.019226	-0.015502	-0.001703	0.037717
	-0.000507	-0.062862	0.025737	-0.005186	-0.019776	0.005057
	0.062204	0.033316	0.019919	-0.041637	-0.032485	0.020557
	0.031663	0.003959	0.010815	0.020060	-0.002300	0.015305
	0.010009	-0.030509	0.026598	-0.037321	-0.002868	-0.004016
	-0.000688					
y264	-0.006642	-0.038009	-0.013361	0.008412	-0.013668	0.004935
	0.016485	0.044400	-0.018449	-0.020226	-0.001278	-0.013898
	-0.038509	-0.004231	-0.031749	0.007902	0.021422	0.002097
	-0.007185	-0.015009	-0.021182	-0.009709	-0.011875	-0.001221
	-0.007639	0.001461	-0.023642	-0.013450	-0.035707	-0.003999
	-0.003638					
z264	0.013699	-0.009259	0.048229	0.010510	-0.021980	-0.028435
	0.017277	-0.031581	0.046111	-0.022480	0.022348	-0.016573
	0.006814	-0.027408	0.021359	0.000916	-0.053868	0.015911
	-0.049048	-0.017791	-0.018843	0.038111	-0.029396	-0.015328
	0.027701	0.006779	-0.025094	0.014319	-0.032017	-0.000869
	0.020215					
x265	0.032101	0.064896	-0.017719	-0.017600	-0.004364	0.039100
	0.001014	-0.069780	0.029319	-0.005451	-0.019523	0.005143
	0.069802	0.030726	0.017698	-0.047093	-0.037039	0.024592
	0.030985	0.004558	0.014196	0.016017	-0.019390	0.011230
	0.016249	-0.038475	0.031995	-0.032303	0.006649	-0.002246
	0.006089					
y265	-0.004876	-0.032012	-0.012628	0.001797	-0.014625	0.015310
	0.011620	0.030635	-0.013343	-0.020796	0.003162	-0.007507
	-0.026366	0.000199	-0.026951	-0.004660	0.013493	0.013204
	-0.000868	-0.008821	-0.020135	-0.004267	-0.017299	0.000264
	-0.000939	-0.003756	-0.021526	0.001243	-0.025904	0.000775
	-0.003363					
z265	0.016032	-0.010500	0.047459	0.008654	-0.022925	-0.026750
	0.015474	-0.034867	0.049504	-0.019862	0.024501	-0.009166
	0.005736	-0.025051	0.022732	-0.003036	-0.043404	0.006414
	-0.043661	-0.016117	-0.012079	0.041830	-0.031071	-0.008924
	0.022554	-0.004244	-0.033104	0.016367	-0.025051	-0.016439
	0.019076					

x266	0.032031	0.061284	-0.016374	-0.018754	-0.007524	0.039625
	0.003251	-0.075606	0.033210	-0.004964	-0.019220	0.002205
	0.077407	0.027754	0.017591	-0.050102	-0.040124	0.031237
	0.029901	0.004632	0.017133	0.010137	-0.036945	0.005363
	0.026601	-0.044178	0.040547	-0.026791	0.013105	-0.001133
	0.015498					
y266	-0.001607	-0.027334	-0.010657	-0.003893	-0.016541	0.025580
	0.007616	0.015667	-0.009615	-0.020380	0.006376	-0.002904
	-0.010359	0.006604	-0.023103	-0.013084	0.007939	0.020297
	0.009537	-0.001448	-0.020659	-0.001911	-0.026472	-0.001481
	0.002298	-0.008989	-0.017775	0.012508	-0.016318	0.005319
	-0.009593					
z266	0.018775	-0.011908	0.046367	0.006573	-0.023848	-0.025237
	0.013629	-0.038256	0.052992	-0.016652	0.025575	0.001314
	0.002884	-0.023135	0.022736	-0.008161	-0.031438	-0.006233
	-0.037374	-0.014062	-0.003147	0.044482	-0.033813	-0.003209
	0.015424	-0.018497	-0.040863	0.016960	-0.014774	-0.034060
	0.016035					
x267	0.031899	0.063388	-0.020300	-0.020056	-0.012373	0.034603
	-0.005029	-0.083377	0.031600	-0.013991	-0.018083	0.012205
	0.077962	0.011077	0.016595	-0.055133	-0.044179	0.016539
	0.021284	0.011763	0.005958	-0.000887	-0.035519	0.005198
	0.012583	-0.053997	0.007813	-0.020785	0.043026	0.023266
	0.046758					
y267	0.001904	-0.024627	-0.008491	-0.010333	-0.018891	0.032058
	0.003835	0.004197	-0.010079	-0.023553	0.008475	0.000987
	-0.008422	0.006101	-0.023268	-0.016409	0.006519	0.022013
	0.010859	0.001648	-0.024829	-0.002069	-0.025725	-0.009540
	-0.002473	-0.011740	-0.019461	0.010089	-0.006391	0.015778
	-0.000513					
z267	0.021137	-0.014256	0.044125	0.009290	-0.023573	-0.015305
	0.016098	-0.032317	0.054964	0.002746	0.027027	-0.000254
	0.011682	-0.001087	0.036784	-0.003355	-0.014332	0.008941
	-0.018202	-0.020415	0.006332	0.041868	-0.032180	-0.007235
	0.025168	0.006897	-0.001634	0.030941	-0.031108	-0.064273
	-0.006361					
x268	0.031885	0.063170	-0.020371	-0.017152	-0.017740	0.034635
	-0.006398	-0.083567	0.032287	-0.010265	-0.016200	0.015455
	0.082626	0.011888	0.023690	-0.055574	-0.041157	0.018946
	0.020876	0.017502	-0.002775	-0.008664	-0.030804	0.002548
	0.006271	-0.036240	0.014034	-0.010846	0.043112	0.013746
	0.047206					

y268	0.005086	-0.022516	-0.004188	-0.013001	-0.019924	0.040744
	0.006854	-0.002265	-0.008565	-0.023567	0.004344	-0.001450
	0.001188	0.014841	-0.015996	-0.020162	0.009442	0.018382
	0.020538	0.006604	-0.026244	0.001496	-0.026443	-0.013820
	-0.004847	-0.005487	-0.010643	0.005361	-0.010811	0.007427
	-0.008094					
z268	0.022778	-0.015755	0.041429	0.009941	-0.023370	-0.011819
	0.014520	-0.028122	0.055550	0.013361	0.030253	0.002094
	0.013943	0.005845	0.041105	-0.001194	-0.004408	0.015133
	-0.007501	-0.025723	0.014428	0.039265	-0.026190	-0.010440
	0.028512	0.012539	0.013140	0.039906	-0.031460	-0.073327
	-0.010846					
x269	0.032072	0.061563	-0.021798	-0.012999	-0.020355	0.034959
	-0.006338	-0.080475	0.031342	-0.005722	-0.016696	0.019207
	0.085027	0.015244	0.031326	-0.053623	-0.039060	0.025051
	0.020160	0.023080	-0.010667	-0.014832	-0.028541	-0.002474
	0.002778	-0.017057	0.021134	-0.002659	0.042165	0.005744
	0.043024					
y269	0.006976	-0.020288	0.001974	-0.015203	-0.021369	0.046693
	0.008108	-0.010251	-0.005393	-0.022802	0.004248	-0.005900
	0.010489	0.021394	-0.011726	-0.022980	0.013497	0.014055
	0.025070	0.011783	-0.024134	0.008813	-0.024346	-0.012048
	-0.006856	-0.005442	-0.002724	0.004850	-0.014645	-0.006224
	-0.013399					
z269	0.024336	-0.016933	0.037941	0.010500	-0.021660	-0.008849
	0.011835	-0.023142	0.052901	0.021144	0.031342	0.004130
	0.011944	0.009074	0.041395	-0.000930	0.001377	0.017254
	0.001809	-0.028136	0.020553	0.036562	-0.023964	-0.013730
	0.030369	0.017400	0.020795	0.044914	-0.028882	-0.071980
	-0.011054					
x270	0.031371	0.059141	-0.023811	-0.007858	-0.020914	0.034473
	-0.005920	-0.076137	0.027656	-0.002208	-0.018020	0.021365
	0.085689	0.020049	0.037590	-0.050756	-0.038351	0.031949
	0.017467	0.028872	-0.016863	-0.019883	-0.028725	-0.005169
	-0.001617	-0.000146	0.027425	0.003970	0.038932	0.004110
	0.040105					
y270	0.009627	-0.017352	0.006508	-0.017533	-0.022904	0.051253
	0.008779	-0.017075	-0.002368	-0.021425	0.004695	-0.007428
	0.017876	0.023004	-0.010635	-0.025755	0.013505	0.007370
	0.029594	0.016974	-0.020582	0.014211	-0.021572	-0.014307
	-0.008765	-0.006049	0.001609	0.006773	-0.013493	-0.018936
	-0.013570					

z270	0.025247	-0.018295	0.035153	0.011220	-0.018414	-0.007548
	0.009995	-0.017485	0.049536	0.025132	0.030775	0.004884
	0.008871	0.009054	0.040180	0.000139	0.007022	0.016821
	0.006090	-0.030656	0.024578	0.036735	-0.025052	-0.012582
	0.029121	0.021668	0.020443	0.047504	-0.026369	-0.064479
	-0.009353					
x271	0.030529	0.056460	-0.024850	-0.002338	-0.019964	0.032170
	-0.005678	-0.070373	0.023070	0.001333	-0.018383	0.021502
	0.083900	0.023059	0.042006	-0.044385	-0.035924	0.040122
	0.015581	0.029699	-0.021229	-0.025606	-0.027799	-0.007557
	-0.003347	0.010749	0.027965	0.006561	0.035951	0.002205
	0.035248					
y271	0.011509	-0.014223	0.009180	-0.018997	-0.024317	0.055906
	0.009492	-0.024515	0.001150	-0.021809	0.005793	-0.006265
	0.024096	0.023162	-0.010730	-0.030019	0.008466	-0.000537
	0.030700	0.024184	-0.016571	0.019853	-0.019199	-0.015560
	-0.017898	-0.006129	0.003323	0.007133	-0.009205	-0.021560
	-0.008423					
z271	0.025599	-0.019080	0.033274	0.011742	-0.015287	-0.007402
	0.007297	-0.012024	0.044480	0.027903	0.030667	0.003143
	0.003049	0.003806	0.034629	-0.000327	0.011565	0.012354
	0.008139	-0.031686	0.027409	0.036616	-0.030685	-0.008985
	0.029331	0.023521	0.012671	0.046701	-0.023976	-0.053386
	-0.008941					
x272	0.029314	0.053097	-0.025647	0.004129	-0.018469	0.027964
	-0.006360	-0.065283	0.017615	0.003973	-0.016990	0.019481
	0.079485	0.025848	0.043335	-0.035265	-0.035786	0.049981
	0.011083	0.027387	-0.023600	-0.029195	-0.027088	-0.010504
	-0.003777	0.016449	0.029763	0.004035	0.032415	0.000933
	0.031363					
y272	0.012723	-0.010096	0.011112	-0.019621	-0.025245	0.059461
	0.010611	-0.031010	0.004093	-0.022842	0.006985	-0.002824
	0.029694	0.019477	-0.011028	-0.031461	0.003314	-0.010741
	0.032399	0.032489	-0.011783	0.022943	-0.015737	-0.015112
	-0.028449	-0.006467	-0.001983	0.008804	-0.004062	-0.019208
	0.003000					
z272	0.026218	-0.020157	0.032512	0.012507	-0.009913	-0.009830
	0.005238	-0.007255	0.040041	0.028457	0.030235	0.001954
	-0.002548	-0.004467	0.026842	0.001346	0.013672	0.007173
	0.003607	-0.033174	0.028543	0.041913	-0.036382	-0.001209
	0.026123	0.021021	-0.004423	0.043310	-0.019545	-0.038261
	-0.007263					

x273	0.028044	0.048634	-0.026133	0.011808	-0.015876	0.022571
	-0.005761	-0.056898	0.014258	0.007184	-0.014430	0.017456
	0.074930	0.028964	0.045009	-0.025623	-0.034359	0.059034
	0.012351	0.024179	-0.024785	-0.031351	-0.025207	-0.012873
	-0.005476	0.018928	0.032078	-0.000152	0.030328	-0.002701
	0.028056					
y273	0.013555	-0.005275	0.012320	-0.018336	-0.025239	0.061128
	0.010113	-0.040120	0.005438	-0.022663	0.010722	-0.000129
	0.033193	0.015980	-0.013343	-0.028026	-0.003972	-0.016399
	0.024094	0.037096	-0.007768	0.024713	-0.011531	-0.013372
	-0.037113	-0.007178	-0.011949	0.004537	0.000207	-0.006828
	0.011787					
z273	0.026398	-0.020973	0.031003	0.010375	-0.004381	-0.016632
	-0.001360	-0.003534	0.034828	0.017835	0.029861	0.003818
	-0.012761	-0.026101	0.010261	-0.002663	0.009812	-0.011514
	-0.007517	-0.031023	0.028936	0.048634	-0.038214	0.010323
	0.015902	-0.001296	-0.049298	0.035231	0.005555	-0.004896
	0.012181					
x274	0.026666	0.044790	-0.027561	0.017534	-0.012088	0.013224
	-0.007427	-0.047978	0.009148	0.007675	-0.012193	0.018239
	0.067050	0.028521	0.040757	-0.017016	-0.035240	0.062518
	0.006210	0.026411	-0.022051	-0.035429	-0.021883	-0.015340
	-0.009791	0.013805	0.026571	-0.002965	0.028781	-0.004847
	0.024537					
y274	0.013782	-0.000593	0.013440	-0.014062	-0.025635	0.064231
	0.011360	-0.048477	0.006592	-0.019575	0.015714	0.002090
	0.038001	0.014682	-0.012619	-0.023280	-0.011377	-0.018853
	0.019796	0.041967	-0.004415	0.027596	-0.008287	-0.011071
	-0.047075	-0.003298	-0.016541	-0.004366	0.000580	0.005100
	0.019846					
z274	0.027233	-0.023103	0.032934	0.009921	0.001427	-0.017277
	-0.002132	0.005475	0.029096	0.017460	0.025875	-0.002035
	-0.019218	-0.033206	0.002393	-0.005257	0.013339	-0.021610
	-0.011372	-0.022632	0.030926	0.057947	-0.045587	0.022909
	0.012030	0.007425	-0.065561	0.035750	-0.000607	-0.000637
	-0.003470					
x275	0.025213	0.039355	-0.029271	0.021998	-0.007988	0.003965
	-0.009838	-0.036806	0.002915	0.006533	-0.012175	0.016902
	0.056213	0.024189	0.034002	-0.010620	-0.035571	0.065559
	0.001276	0.019060	-0.023899	-0.034794	-0.014045	-0.013163
	-0.009129	0.006034	0.015215	-0.005996	0.030873	-0.000124
	0.016030					

y275	0.013980	0.004312	0.013940	-0.008838	-0.024824	0.065630
	0.013489	-0.054217	0.007953	-0.015572	0.021629	0.005805
	0.042586	0.012938	-0.012907	-0.016769	-0.020105	-0.021948
	0.015022	0.048191	0.000629	0.028792	-0.007720	-0.006356
	-0.056125	0.003574	-0.022048	-0.009958	-0.003396	0.016354
	0.031449					
z275	0.027514	-0.026443	0.035926	0.009661	0.008155	-0.016320
	-0.001476	0.015932	0.023537	0.013181	0.019021	-0.010763
	-0.025873	-0.040762	-0.004899	-0.010127	0.017799	-0.034666
	-0.014189	-0.016915	0.031629	0.071348	-0.051356	0.036672
	0.011115	0.020132	-0.083576	0.039327	-0.005506	0.002479
	-0.018534					
x276	0.023647	0.032207	-0.031797	0.025424	-0.001396	-0.005532
	-0.011225	-0.020426	0.003506	0.012812	-0.012135	0.008309
	0.041885	0.017903	0.025818	-0.000413	-0.032096	0.067363
	-0.007332	0.016140	-0.030819	-0.037306	-0.008117	-0.007205
	-0.004421	0.007636	0.015768	-0.004853	0.014922	-0.001362
	0.017664					
y276	0.013170	0.005083	0.013901	-0.006356	-0.022136	0.063731
	0.017199	-0.060746	0.003133	-0.015533	0.020818	0.000150
	0.038377	0.010776	-0.011257	-0.011154	-0.024256	-0.029374
	0.011645	0.044233	-0.004237	0.032847	-0.000649	-0.016160
	-0.041909	0.001124	-0.020241	-0.014585	-0.007604	0.029998
	0.036598					
z276	0.028327	-0.027432	0.039272	0.011594	0.010845	-0.016649
	-0.001715	0.016408	0.023556	0.011424	0.016792	-0.014720
	-0.029185	-0.040673	-0.011051	-0.011912	0.010947	-0.037268
	-0.018092	-0.020416	0.034257	0.066463	-0.055503	0.042212
	0.011078	0.018198	-0.087651	0.038034	0.000310	0.002854
	-0.011114					
x277	0.022705	0.025550	-0.034510	0.030041	0.003375	-0.015639
	-0.011028	-0.006354	0.004259	0.017377	-0.010878	0.007075
	0.031445	0.009799	0.019019	0.007545	-0.028795	0.074526
	-0.013423	0.006988	-0.034026	-0.042569	-0.010476	-0.002599
	-0.006408	0.009938	0.012512	-0.003332	0.019059	-0.011558
	0.009732					
y277	0.012428	0.004195	0.013823	-0.004267	-0.018667	0.060201
	0.019704	-0.062837	-0.000400	-0.014300	0.019043	-0.004484
	0.031159	0.007930	-0.013624	-0.002950	-0.027063	-0.034591
	0.005983	0.040394	-0.011591	0.031957	0.008416	-0.025599
	-0.031276	-0.004941	-0.019365	-0.019722	-0.011887	0.035938
	0.039220					

z277	0.028887	-0.026832	0.042304	0.012887	0.013085	-0.016476
	-0.000372	0.016182	0.021966	0.010250	0.014553	-0.017947
	-0.030926	-0.039735	-0.013318	-0.012884	0.005106	-0.034230
	-0.018979	-0.022281	0.037778	0.062342	-0.060045	0.046041
	0.011178	0.020608	-0.086950	0.036927	0.005763	-0.002141
	-0.014702					
x278	0.021822	0.019219	-0.036917	0.033596	0.006803	-0.022990
	-0.010940	0.007325	0.005819	0.021199	-0.008557	0.006077
	0.024712	0.004500	0.015607	0.010105	-0.029071	0.084875
	-0.018610	-0.001844	-0.032848	-0.042709	-0.014925	0.008539
	-0.008493	0.016037	0.010202	0.001477	0.027727	-0.025658
	0.007473					
y278	0.011678	0.001661	0.013036	-0.002586	-0.016600	0.056908
	0.022311	-0.060841	-0.003562	-0.012860	0.019088	-0.008602
	0.024776	0.004374	-0.012365	0.003024	-0.029689	-0.034523
	0.003631	0.036140	-0.013857	0.033748	0.013654	-0.029401
	-0.024911	-0.005443	-0.013566	-0.017949	-0.011401	0.031317
	0.045337					
z278	0.029411	-0.025690	0.044579	0.013638	0.014649	-0.015665
	0.000958	0.016071	0.021010	0.007281	0.011814	-0.019621
	-0.031375	-0.038314	-0.016298	-0.014040	0.000212	-0.031651
	-0.018137	-0.022378	0.040424	0.057512	-0.063716	0.048977
	0.011635	0.023831	-0.081865	0.036666	0.010855	-0.006531
	-0.011432					
x279	0.021587	0.013845	-0.039947	0.037731	0.008369	-0.032576
	-0.011787	0.018613	0.009044	0.022419	-0.009560	0.007336
	0.017531	-0.000458	0.011346	0.013276	-0.022493	0.092571
	-0.018332	-0.012256	-0.032715	-0.043527	-0.017858	0.018049
	-0.004005	0.018933	0.013613	0.002721	0.028485	-0.025748
	-0.000339					
y279	0.011210	-0.001901	0.010092	0.000225	-0.016289	0.050920
	0.024058	-0.058559	-0.003105	-0.011355	0.018574	-0.010819
	0.017270	-0.000755	-0.008431	0.005444	-0.028116	-0.034053
	0.005325	0.027745	-0.014593	0.036573	0.020087	-0.030212
	-0.014861	-0.003473	-0.008156	-0.023286	-0.011111	0.033663
	0.042600					
z279	0.029936	-0.023275	0.045920	0.014468	0.015962	-0.015413
	0.000832	0.015390	0.020723	0.005423	0.010143	-0.020245
	-0.031389	-0.035914	-0.020615	-0.014931	-0.006344	-0.026204
	-0.017058	-0.024023	0.036855	0.053047	-0.067449	0.055507
	0.016731	0.028520	-0.075863	0.038249	0.011470	0.000055
	-0.003152					

x280	0.021325	0.010266	-0.040787	0.040780	0.010616	-0.039546
	-0.014268	0.030163	0.009975	0.023050	-0.012060	0.009293
	0.013483	-0.001670	0.005602	0.017602	-0.017741	0.098948
	-0.021645	-0.019228	-0.033395	-0.048582	-0.017781	0.024965
	-0.004081	0.018186	0.012176	0.005935	0.032871	-0.033191
	-0.001060					
y280	0.011125	-0.004259	0.007842	0.002482	-0.015867	0.044210
	0.022888	-0.052301	-0.002149	-0.006119	0.014882	-0.011569
	0.011263	-0.002754	-0.011258	0.014016	-0.025302	-0.033665
	-0.000076	0.023772	-0.020636	0.027142	0.027327	-0.032600
	-0.007047	-0.004132	-0.008327	-0.022534	-0.014400	0.025212
	0.049006					
z280	0.030128	-0.019996	0.046721	0.014449	0.016891	-0.015134
	0.001545	0.013515	0.018839	0.003597	0.006720	-0.019585
	-0.030988	-0.034280	-0.023047	-0.014606	-0.012046	-0.020918
	-0.017236	-0.021539	0.036446	0.047131	-0.069276	0.057351
	0.014523	0.032874	-0.068396	0.033310	0.012356	0.001116
	0.001198					
x281	0.021002	0.007346	-0.040513	0.043109	0.012656	-0.044856
	-0.017681	0.039801	0.010505	0.021018	-0.015942	0.012489
	0.010671	-0.001475	-0.000376	0.019033	-0.012771	0.106468
	-0.022074	-0.026868	-0.031560	-0.050441	-0.017212	0.031506
	-0.005690	0.013687	0.013956	0.010956	0.038382	-0.038496
	-0.005488					
y281	0.011273	-0.008285	0.005633	0.004236	-0.016342	0.037545
	0.022003	-0.044755	-0.002246	-0.001822	0.010797	-0.012162
	0.003365	-0.004406	-0.016614	0.021475	-0.020829	-0.029043
	-0.003414	0.019708	-0.026616	0.019857	0.032337	-0.029135
	-0.002075	-0.009363	-0.002715	-0.019884	-0.016796	0.013863
	0.051434					
z281	0.029726	-0.016072	0.047146	0.013999	0.016567	-0.014144
	0.002073	0.010391	0.017375	0.001079	0.000732	-0.017736
	-0.029855	-0.031317	-0.026358	-0.014374	-0.018426	-0.015408
	-0.016045	-0.019160	0.037508	0.042094	-0.067858	0.057323
	0.012222	0.034221	-0.058315	0.028966	0.012683	0.002872
	0.003926					
x282	0.021101	0.005709	-0.038776	0.044983	0.015817	-0.048040
	-0.021793	0.049496	0.010122	0.016993	-0.017834	0.017137
	0.010704	-0.000066	-0.005744	0.018826	-0.008209	0.112621
	-0.019171	-0.033205	-0.028136	-0.051654	-0.017137	0.033614
	-0.010315	0.014203	0.015783	0.018919	0.043302	-0.045973
	-0.012517					

y282	0.011717	-0.013430	0.004001	0.005384	-0.014961	0.031202
	0.021365	-0.033265	-0.001651	0.002401	0.011183	-0.012442
	-0.003746	-0.004596	-0.022145	0.025214	-0.014532	-0.023873
	-0.005002	0.019555	-0.034606	0.009789	0.035323	-0.028118
	-0.001170	-0.006102	0.002494	-0.012083	-0.020176	-0.005354
	0.053289					
z282	0.029081	-0.010342	0.047055	0.012667	0.017121	-0.013313
	0.003017	0.007001	0.014979	-0.002009	-0.004777	-0.013683
	-0.026565	-0.027097	-0.026760	-0.016515	-0.021287	-0.008097
	-0.016179	-0.012191	0.035331	0.032633	-0.066403	0.054630
	0.005716	0.040411	-0.046578	0.022523	0.013061	0.001303
	0.004328					
x283	0.021197	0.006111	-0.036159	0.046607	0.016668	-0.050903
	-0.027751	0.056476	0.008047	0.009839	-0.022147	0.025382
	0.014678	0.003827	-0.011022	0.016453	-0.004667	0.119278
	-0.014572	-0.042875	-0.023948	-0.051402	-0.015483	0.036285
	-0.019036	0.009443	0.014123	0.027194	0.052888	-0.047865
	-0.025840					
y283	0.011392	-0.019347	0.001667	0.005916	-0.015323	0.022285
	0.019137	-0.021454	-0.000750	0.007587	0.010417	-0.010570
	-0.012322	-0.005876	-0.025070	0.026521	-0.011566	-0.015922
	-0.007271	0.017419	-0.038081	0.002812	0.042586	-0.027085
	-0.002371	-0.007550	0.004115	-0.003664	-0.026037	-0.021443
	0.051618					
z283	0.028104	-0.003978	0.046383	0.011000	0.016474	-0.011983
	0.003789	0.002333	0.012852	-0.004889	-0.012154	-0.009592
	-0.023056	-0.022306	-0.026735	-0.017604	-0.025687	-0.000361
	-0.014714	-0.004503	0.036116	0.025553	-0.060932	0.050834
	0.000897	0.042958	-0.032919	0.016700	0.012072	0.002103
	0.005046					
x284	0.021536	0.008256	-0.032507	0.047912	0.016218	-0.052193
	-0.034546	0.061853	0.003752	-0.001029	-0.027333	0.036348
	0.022065	0.007922	-0.016830	0.013384	0.000085	0.126062
	-0.006906	-0.054876	-0.017850	-0.050979	-0.016525	0.038637
	-0.029929	0.002838	0.013003	0.037337	0.065885	-0.048022
	-0.038743					
y284	0.011145	-0.025513	-0.001035	0.006888	-0.016084	0.009334
	0.013828	-0.007269	-0.000143	0.010025	0.011149	-0.007331
	-0.017818	-0.009031	-0.027201	0.028531	-0.004584	-0.004569
	-0.004739	0.013965	-0.040729	-0.005603	0.048340	-0.021422
	-0.006871	-0.008450	0.010184	0.010448	-0.032387	-0.032334
	0.045191					

z284	0.026628	0.002749	0.044565	0.007877	0.015762	-0.011933
	0.003998	-0.002892	0.010936	-0.008167	-0.020364	-0.005804
	-0.021070	-0.019907	-0.027178	-0.018563	-0.029297	0.007071
	-0.014176	0.004355	0.035982	0.018278	-0.053957	0.048742
	-0.004933	0.046400	-0.018803	0.008438	0.007006	0.007473
	0.007469					
x285	0.017821	0.010721	-0.031832	0.046354	0.017073	-0.046436
	-0.028199	0.061568	0.000541	-0.007797	-0.031427	0.024681
	0.019783	0.005755	-0.019685	0.017405	0.006477	0.112384
	-0.006329	-0.050554	-0.007059	-0.050706	-0.001114	0.027866
	-0.009845	-0.003521	0.003803	0.021541	0.052163	-0.033246
	-0.029766					
y285	0.008322	-0.033910	-0.002868	0.010588	-0.017883	-0.003190
	0.008091	0.006417	0.000660	0.008882	0.005725	-0.001499
	-0.018870	-0.009552	-0.027297	0.027714	-0.005530	0.011835
	-0.003427	0.008986	-0.036372	-0.009933	0.036821	-0.005215
	-0.016382	-0.005938	0.004885	0.016777	-0.031778	-0.029333
	0.035892					
z285	0.023000	0.005229	0.041250	0.009431	0.015640	-0.014790
	0.005399	-0.002493	0.002466	-0.002177	-0.026727	0.004346
	-0.020535	-0.016718	-0.023746	-0.018943	-0.023834	0.005767
	-0.013192	0.011310	0.029548	0.012614	-0.042879	0.036492
	-0.014138	0.035878	-0.003619	0.014440	0.007348	-0.006667
	0.010498					
x286	0.011841	0.012052	-0.032818	0.046209	0.027006	-0.045785
	-0.023324	0.060309	-0.018167	-0.010414	-0.037842	0.011458
	0.022710	0.007010	-0.023432	0.005027	0.020042	0.091922
	-0.000513	-0.047864	-0.001353	-0.041468	0.004941	0.020420
	0.016212	-0.022585	-0.011980	0.013220	0.029491	-0.024033
	-0.022292					
y286	0.008628	-0.041808	-0.005469	0.013158	-0.029670	-0.005821
	0.010208	0.021082	0.019488	0.001603	-0.004197	0.006023
	-0.024408	-0.013156	-0.023500	0.043927	-0.023910	0.029899
	-0.012281	0.002505	-0.026196	-0.028437	0.024461	0.000433
	-0.035222	0.018489	0.007437	0.010865	-0.016247	-0.016760
	0.032603					
z286	0.019564	0.005452	0.037516	0.013260	0.017807	-0.020601
	0.010675	-0.001956	-0.009528	0.004698	-0.035349	0.013209
	-0.016461	-0.009611	-0.021148	-0.025627	-0.019919	-0.001598
	-0.011753	0.013447	0.025178	0.008803	-0.043007	0.019497
	-0.016389	0.024607	0.007350	0.018690	0.002617	-0.017959
	0.012965					

x287	0.011810	0.016462	-0.030405	0.040109	0.017408	-0.033847
	-0.016012	0.056913	-0.003921	-0.020895	-0.037247	0.004271
	0.017206	0.000935	-0.022960	0.022171	0.014942	0.085690
	-0.004530	-0.043228	0.007726	-0.043481	0.023311	0.014355
	0.017934	-0.011844	-0.009549	-0.006457	0.030731	-0.009552
	-0.018129					
y287	0.000724	-0.050650	-0.009786	0.021623	-0.012250	-0.024073
	0.005754	0.031989	-0.011660	0.005869	-0.010858	0.002376
	-0.017956	-0.010061	-0.028777	0.014116	-0.002648	0.024890
	0.001360	-0.009305	-0.027830	-0.025294	0.008590	0.005709
	-0.023031	-0.010986	-0.013882	0.026119	-0.037211	-0.022206
	0.023008					
z287	0.016467	0.007001	0.039085	0.012307	0.010319	-0.021980
	0.013278	-0.003269	-0.006143	0.004055	-0.035512	0.014976
	-0.016847	-0.014971	-0.017587	-0.015307	-0.018776	-0.000145
	-0.017120	0.007609	0.020979	-0.002398	-0.034574	0.012215
	-0.029162	0.031709	0.018798	0.015629	0.001105	-0.022201
	0.013490					
x288	0.012276	0.021367	-0.029702	0.036047	0.015745	-0.028575
	-0.011804	0.052546	0.000706	-0.024471	-0.034072	-0.000359
	0.016501	0.000887	-0.021309	0.026091	0.015273	0.074553
	-0.005399	-0.035873	0.011709	-0.039143	0.034389	0.008223
	0.027572	-0.015004	-0.009322	-0.016390	0.024497	-0.002097
	-0.010769					
y288	-0.003990	-0.057577	-0.012281	0.026571	-0.009606	-0.029563
	0.005609	0.041135	-0.020086	0.002501	-0.018497	0.001909
	-0.021542	-0.011120	-0.032977	0.009229	0.006307	0.028474
	0.009793	-0.018409	-0.021306	-0.027706	0.006616	0.001594
	-0.027290	-0.017504	-0.021895	0.021669	-0.029953	-0.017693
	0.012326					
z288	0.011816	0.007332	0.040140	0.012973	0.005993	-0.023491
	0.016115	-0.004178	-0.008394	0.002455	-0.038708	0.012510
	-0.018219	-0.020145	-0.013253	-0.008075	-0.019522	0.000699
	-0.021244	-0.000709	0.013939	-0.008385	-0.032235	0.008695
	-0.035175	0.034708	0.023210	0.010728	-0.004196	-0.017347
	0.019669					
x289	0.013061	0.026256	-0.029311	0.031746	0.013667	-0.022842
	-0.009113	0.047311	0.004902	-0.025485	-0.029328	-0.003608
	0.015955	0.001698	-0.018341	0.026540	0.013663	0.061088
	-0.003333	-0.025556	0.013923	-0.032361	0.042523	0.000862
	0.034399	-0.020037	-0.008072	-0.023974	0.021420	-0.002080
	-0.012627					

y289	-0.006843	-0.062270	-0.013991	0.031891	-0.008421	-0.035029
	0.007732	0.049880	-0.025273	-0.001857	-0.023470	0.001239
	-0.025744	-0.011075	-0.037653	0.009816	0.016087	0.031240
	0.010850	-0.025325	-0.016344	-0.031559	0.005107	-0.006778
	-0.027496	-0.019900	-0.027932	0.013786	-0.022533	-0.011576
	0.012677					
z289	0.008323	0.007170	0.041623	0.013632	0.002685	-0.024592
	0.018284	-0.004778	-0.008988	-0.000490	-0.039847	0.009339
	-0.019089	-0.024919	-0.009786	-0.000251	-0.020817	0.002582
	-0.027749	-0.008009	0.006263	-0.011912	-0.030611	0.002507
	-0.037207	0.034634	0.026120	0.001840	-0.007497	-0.008541
	0.027500					
x290	0.013762	0.031633	-0.029320	0.027040	0.011188	-0.016072
	-0.005807	0.041264	0.007772	-0.024839	-0.021446	-0.008084
	0.014208	0.004973	-0.013652	0.025523	0.012686	0.047150
	-0.005180	-0.018138	0.013132	-0.022159	0.042580	-0.000764
	0.034203	-0.025786	-0.005528	-0.032281	0.025675	-0.008894
	-0.018198					
y290	-0.008692	-0.066527	-0.014332	0.035040	-0.008491	-0.039324
	0.009128	0.058478	-0.029137	-0.007678	-0.028382	-0.001248
	-0.027870	-0.013560	-0.041936	0.014041	0.025418	0.031034
	0.010498	-0.027658	-0.011503	-0.037495	0.003292	-0.018504
	-0.023951	-0.015444	-0.034092	0.007663	-0.023440	-0.000534
	0.007185					
z290	0.006644	0.006528	0.042909	0.015337	-0.001459	-0.025966
	0.022310	-0.004443	-0.007196	-0.003916	-0.038039	0.006986
	-0.021377	-0.027183	-0.007663	0.008122	-0.025406	-0.000717
	-0.030293	-0.013646	-0.001622	-0.012918	-0.030491	-0.007585
	-0.036698	0.033676	0.027104	-0.004907	-0.010926	-0.001219
	0.025834					
x291	0.015201	0.037332	-0.028901	0.021525	0.009740	-0.008087
	-0.003695	0.036560	0.012313	-0.023279	-0.012860	-0.013981
	0.016962	0.005687	-0.006972	0.020544	0.011329	0.032034
	-0.009967	-0.006924	0.008707	-0.012438	0.041800	-0.001000
	0.031003	-0.035116	-0.012565	-0.030534	0.033207	-0.015403
	-0.022349					
y291	-0.010821	-0.068990	-0.014465	0.037807	-0.009850	-0.041642
	0.014681	0.065899	-0.033360	-0.012170	-0.028054	-0.007009
	-0.034374	-0.013548	-0.043267	0.023915	0.036064	0.026436
	0.006095	-0.028192	-0.008244	-0.041134	-0.003686	-0.034924
	-0.023962	-0.009831	-0.035791	-0.005422	-0.021663	0.009543
	-0.005031					

z291	0.006199	0.004629	0.044818	0.017625	-0.006268	-0.026343
	0.026709	-0.004354	-0.004223	-0.006408	-0.034469	0.000504
	-0.021117	-0.027626	-0.005426	0.016062	-0.033148	-0.000663
	-0.032945	-0.021689	-0.007144	-0.013627	-0.033241	-0.019867
	-0.029272	0.035689	0.033495	-0.013354	-0.014442	0.009150
	0.013057					
x292	0.016905	0.043107	-0.029030	0.017101	0.009318	-0.001152
	-0.001923	0.029030	0.017562	-0.021636	-0.008319	-0.013042
	0.019243	0.008065	0.000836	0.013768	0.011110	0.017860
	-0.005906	-0.001132	0.002455	-0.001047	0.048618	-0.007101
	0.031476	-0.039481	-0.015160	-0.029869	0.035699	-0.019390
	-0.021568					
y292	-0.012012	-0.070873	-0.014736	0.038669	-0.012480	-0.040304
	0.021949	0.073194	-0.036152	-0.015929	-0.021493	-0.016380
	-0.040412	-0.015060	-0.042264	0.034525	0.041276	0.014402
	-0.004279	-0.021477	-0.009554	-0.039695	-0.012652	-0.055687
	-0.021147	-0.008955	-0.041743	-0.016118	-0.017384	0.017457
	-0.021605					
z292	0.005993	0.002486	0.048668	0.018720	-0.009807	-0.024534
	0.028570	-0.003549	-0.000611	-0.010888	-0.028591	-0.009646
	-0.018046	-0.030906	-0.001815	0.024047	-0.044669	0.004581
	-0.039687	-0.026010	-0.011406	-0.013144	-0.039619	-0.032007
	-0.018133	0.041593	0.033486	-0.021751	-0.012840	0.021111
	0.002905					
x293	-0.007955	0.007783	0.001454	0.043781	-0.061573	-0.011431
	0.032808	0.026459	-0.000670	-0.000914	-0.052107	0.028371
	-0.009282	0.011782	0.000273	-0.030430	0.006883	0.018231
	0.033308	0.018575	-0.023556	0.008625	-0.053926	-0.053006
	0.034481	0.002388	-0.036192	-0.036420	0.035289	0.032117
	-0.004629					
y293	0.019663	-0.000712	-0.050814	0.034569	-0.020698	0.007244
	0.022055	0.009766	0.017450	0.041915	-0.018206	0.014325
	-0.014513	-0.014904	0.055070	-0.028967	0.044279	-0.007753
	-0.000601	0.037562	-0.025577	-0.000818	0.027071	0.009307
	-0.004873	-0.013898	-0.036426	0.023846	0.029270	0.012532
	-0.046650					
z293	0.006082	0.037257	-0.048075	0.004851	0.031456	-0.013021
	0.024716	0.022680	-0.067659	-0.037113	-0.025073	0.009975
	-0.008311	-0.000858	-0.006179	-0.001470	0.020269	-0.011234
	0.005760	0.027815	0.022996	0.017369	-0.024919	-0.001807
	0.028167	-0.041158	-0.001435	0.015340	-0.026534	0.033636
	-0.013414					

x294	-0.005324	0.005991	0.015884	0.038407	-0.069734	-0.015050
	0.032116	0.015369	0.007879	-0.000434	-0.036299	0.014985
	-0.008657	0.000553	-0.003363	-0.036369	0.009257	0.012564
	0.048632	0.023514	-0.009703	0.002017	-0.034483	-0.049152
	0.038728	0.008485	-0.028131	-0.045037	0.033819	0.021226
	-0.003419					
y294	0.016377	-0.007670	-0.070688	0.042804	-0.029494	0.006127
	0.030372	0.011875	0.009372	0.040182	-0.027182	0.029204
	-0.017846	-0.014746	0.034802	-0.013802	0.034803	-0.003217
	-0.011555	0.032056	-0.010722	-0.005822	0.009933	0.008190
	-0.004891	-0.012413	-0.028779	0.008224	0.014967	0.026718
	-0.036635					
z294	0.005009	0.039817	-0.031063	-0.001771	0.029432	-0.011244
	0.020276	0.029610	-0.065516	-0.044005	-0.022356	0.013869
	-0.011824	0.007294	-0.020873	0.008045	0.003636	0.003018
	0.002340	0.019796	0.033943	0.016679	-0.010357	0.011719
	0.019490	-0.032187	-0.004030	0.006368	-0.023179	0.023950
	0.000747					
x295	-0.004708	0.008866	0.026522	0.039632	-0.070678	-0.012691
	0.022187	0.008046	0.018534	0.007950	-0.022342	-0.002200
	-0.008127	-0.016625	-0.001468	-0.040203	0.041193	0.015995
	0.053591	0.047798	-0.021333	0.004652	-0.031667	-0.037868
	0.057035	0.010044	-0.024994	-0.035218	0.047115	-0.002461
	-0.004222					
y295	0.015626	-0.016511	-0.078798	0.042285	-0.040829	0.000424
	0.038175	0.013121	0.003027	0.035446	-0.033403	0.047425
	-0.022083	-0.005869	0.013427	-0.000636	-0.002043	-0.004204
	-0.004007	0.013368	0.018342	-0.008659	0.019948	0.004551
	-0.023006	-0.012805	-0.026413	-0.015942	-0.000966	0.039725
	-0.016927					
z295	0.002807	0.047207	0.002504	-0.010792	0.024614	-0.007035
	-0.000350	0.037871	-0.052314	-0.042182	-0.007199	0.008266
	-0.018678	-0.001878	-0.016651	0.018032	0.002776	0.018847
	0.003304	0.016827	0.011884	0.021564	0.010818	0.030897
	0.004642	-0.021866	0.004119	0.025115	-0.006896	-0.006872
	0.021216					
x296	-0.000071	0.008491	0.031524	0.034954	-0.071875	-0.015624
	0.021305	0.000543	0.024207	0.015548	-0.012893	-0.007812
	-0.004948	-0.015145	-0.002623	-0.050167	0.039249	0.000451
	0.066300	0.045370	-0.013305	0.001132	-0.019347	-0.024809
	0.053760	0.013828	-0.023148	-0.035020	0.040741	-0.011531
	0.004278					

y296	0.014608	-0.015790	-0.080286	0.044437	-0.039640	0.006750
	0.029898	0.018599	-0.000711	0.031948	-0.034793	0.044784
	-0.023659	-0.008397	0.003867	0.011892	0.000942	0.006187
	-0.006260	0.013112	0.009588	-0.000053	0.014147	0.016109
	-0.019757	-0.012012	-0.025516	-0.018484	0.008812	0.033234
	0.001323					
z296	0.005488	0.052621	0.024782	-0.012620	0.022611	-0.006945
	-0.008066	0.043587	-0.037182	-0.032585	0.003823	0.009091
	-0.024129	-0.009982	-0.013013	0.012745	0.011051	0.013133
	0.005849	0.022788	-0.006723	0.019460	0.015150	0.032917
	0.001910	-0.014277	0.012572	0.037309	-0.000186	-0.027589
	0.024072					
x297	0.003143	0.006055	0.034765	0.030700	-0.074740	-0.022785
	0.021559	-0.006874	0.024274	0.014000	-0.004642	-0.008631
	-0.002790	-0.008565	-0.004922	-0.054271	0.031502	-0.007049
	0.068938	0.034513	0.001810	0.001759	-0.007991	-0.021665
	0.057187	0.011807	-0.013440	-0.040035	0.035648	-0.005411
	-0.000303					
y297	0.015422	-0.015320	-0.078898	0.046379	-0.038630	0.012380
	0.024108	0.021642	0.002148	0.035163	-0.037539	0.043570
	-0.025097	-0.014926	-0.000820	0.012261	0.010044	0.002320
	-0.007857	0.016867	0.000046	0.002524	0.004494	0.024754
	-0.023122	-0.002965	-0.029440	-0.010428	0.010998	0.018540
	0.020613					
z297	0.007892	0.053786	0.040160	-0.014441	0.017751	-0.009258
	-0.006445	0.045108	-0.023163	-0.019332	0.007455	0.016108
	-0.025553	-0.013332	-0.009667	0.005517	0.004100	-0.000819
	0.017218	0.024232	-0.013085	0.014963	0.022300	0.033645
	-0.011175	-0.009780	0.008213	0.047473	-0.005285	-0.042365
	0.030781					
x298	0.005224	0.004047	0.037028	0.028888	-0.075650	-0.029061
	0.022637	-0.011239	0.022994	0.011620	-0.000498	-0.006477
	-0.000707	-0.006158	-0.004301	-0.054763	0.022137	-0.013034
	0.074255	0.024852	0.012636	0.004854	0.000162	-0.020844
	0.055029	0.004178	-0.005680	-0.039753	0.027502	-0.001301
	-0.005162					
y298	0.016186	-0.016197	-0.076419	0.045944	-0.037951	0.015439
	0.019687	0.020831	0.005463	0.036069	-0.035528	0.040913
	-0.023639	-0.014844	-0.010886	0.007879	0.017956	-0.001987
	-0.015686	0.021178	-0.005032	0.000348	0.000564	0.032705
	-0.017967	0.011660	-0.033377	-0.006529	0.014547	0.011765
	0.029757					

z298	0.008778	0.053016	0.050359	-0.016426	0.013676	-0.012284
	-0.005000	0.044189	-0.014706	-0.011649	0.012533	0.019496
	-0.023551	-0.009637	-0.010356	0.002061	-0.003007	-0.009371
	0.018110	0.020831	-0.012663	0.008077	0.028785	0.032412
	-0.014429	-0.005905	0.006788	0.048234	-0.003671	-0.046741
	0.030241					
x299	0.005935	0.002665	0.038725	0.030433	-0.075157	-0.033765
	0.024306	-0.014094	0.022954	0.006555	0.000727	-0.003840
	-0.002993	-0.005225	-0.003351	-0.052643	0.014166	-0.020082
	0.077876	0.018187	0.019865	0.011928	0.004624	-0.008422
	0.050582	-0.003645	-0.001866	-0.032104	0.002849	0.011441
	-0.014948					
y299	0.017615	-0.017909	-0.073895	0.042097	-0.034602	0.017056
	0.014552	0.018952	0.005391	0.038375	-0.031705	0.037147
	-0.015355	-0.013606	-0.019959	-0.001030	0.023796	-0.005425
	-0.025337	0.021261	-0.011608	-0.008492	0.002671	0.024442
	-0.010467	0.028146	-0.033896	-0.007873	0.037041	-0.005247
	0.028545					
z299	0.008834	0.049990	0.055279	-0.016162	0.011585	-0.014318
	-0.004615	0.040769	-0.011366	-0.005027	0.017235	0.019913
	-0.016823	-0.004800	-0.013249	-0.000639	-0.008457	-0.013135
	0.016828	0.014018	-0.010393	-0.003838	0.033423	0.025225
	-0.010260	-0.002858	0.010214	0.047525	0.011654	-0.053220
	0.027629					
x300	0.001058	0.001955	0.038178	0.036668	-0.074220	-0.033730
	0.025278	-0.018822	0.021951	0.001997	-0.001458	-0.003875
	-0.008530	0.004578	-0.004900	-0.048628	0.015138	-0.029667
	0.067732	0.008951	0.018515	0.006676	0.003707	-0.005219
	0.046649	-0.001804	0.001546	-0.022328	-0.013715	0.021251
	-0.020392					
y300	0.024667	-0.024370	-0.072849	0.032855	-0.023713	0.013661
	0.007473	0.018200	0.000622	0.030390	-0.025865	0.029436
	-0.005367	-0.018811	-0.021889	-0.009421	0.026647	0.019219
	0.000062	0.006492	-0.007147	-0.004503	0.002594	0.007260
	-0.038334	0.018316	-0.032245	-0.019989	0.021316	-0.011427
	0.002977					
z300	0.008210	0.040203	0.052286	-0.015680	0.015917	-0.011882
	-0.008211	0.035354	-0.014338	-0.009139	0.022089	0.011856
	-0.005626	-0.005719	-0.013303	-0.008124	-0.004748	0.012151
	0.038127	-0.004248	-0.004756	-0.013428	0.026511	0.005747
	-0.036070	-0.015469	0.019545	0.041991	0.008185	-0.048936
	0.004981					

x301	-0.003631	-0.002821	0.027479	0.040215	-0.068712	-0.028796
	0.017614	-0.021958	0.021776	0.004021	-0.007050	-0.003190
	0.001447	0.004016	-0.017145	-0.047862	0.022411	-0.030696
	0.052198	-0.003778	0.010454	-0.008962	0.009568	0.000232
	0.022492	-0.014651	0.000991	-0.020432	0.004039	0.008117
	-0.026370					
y301	0.034931	-0.024172	-0.043266	0.024848	-0.020362	0.002493
	0.012253	0.016743	-0.014255	0.014829	-0.038515	0.018619
	-0.025696	0.001293	-0.000975	-0.025868	-0.004392	-0.010579
	0.013549	0.010948	-0.028221	0.027472	-0.018229	-0.014450
	0.021426	0.002292	-0.002565	0.000757	0.018425	0.049082
	0.014155					
z301	0.003571	0.036401	0.054922	-0.013237	0.014158	-0.005408
	-0.011299	0.036798	-0.020047	-0.014102	0.021035	-0.000769
	-0.014616	0.012791	-0.002227	-0.028375	-0.009871	-0.010288
	0.041640	-0.006736	-0.027206	-0.013604	0.009372	-0.011578
	0.005667	-0.013234	0.031980	0.054075	0.020734	-0.016142
	0.011360					
x302	-0.004276	-0.006903	0.014235	0.045015	-0.061107	-0.027917
	0.020871	-0.016520	0.012668	0.012769	-0.012180	0.002763
	0.011213	0.028157	-0.020282	-0.051626	0.011292	-0.031449
	0.030572	0.001971	0.002034	0.009173	-0.011501	0.004831
	0.046591	-0.017299	0.005667	-0.009752	0.008380	0.015826
	-0.022923					
y302	0.040058	-0.017901	-0.018758	0.015359	-0.026066	-0.011657
	0.008860	0.013618	0.012558	0.021817	-0.011304	0.025909
	-0.017280	-0.018321	-0.010578	-0.016664	-0.007626	-0.007503
	0.007098	0.008990	-0.006070	0.026988	0.010295	-0.003585
	-0.003751	-0.000571	-0.045802	-0.018053	0.012782	0.007262
	0.009137					
z302	0.002561	0.037225	0.054647	-0.015822	0.011460	-0.018919
	0.004101	0.035306	-0.011623	-0.003393	0.038782	0.013417
	-0.004584	0.020143	-0.008662	-0.005752	-0.014935	-0.006789
	0.018620	-0.006938	-0.010144	0.003658	0.024419	-0.003529
	0.007696	-0.028510	0.005135	0.030027	0.010773	-0.010090
	0.013363					
x303	-0.001033	-0.012027	0.009124	0.047151	-0.057664	-0.031038
	0.024011	-0.021262	0.008385	0.026487	-0.003451	0.000518
	0.020693	0.035357	-0.011397	-0.043392	0.018978	-0.031820
	0.038521	0.008030	-0.005953	0.011524	-0.024840	0.002486
	0.055550	0.005871	0.019300	0.004345	-0.005016	0.017546
	-0.019011					

y303	0.038608	-0.013863	-0.010979	0.015632	-0.032202	-0.011349
	0.001609	0.023465	0.017862	0.009224	-0.019975	0.021855
	-0.019274	-0.011958	-0.022672	-0.027238	-0.007802	-0.007830
	0.015194	-0.001823	-0.001112	0.024562	0.016663	0.017119
	-0.008799	-0.002987	-0.032246	-0.029106	0.018576	-0.002441
	0.021486					
z303	0.003304	0.037903	0.060985	-0.015212	0.012417	-0.019962
	0.003752	0.035937	-0.010211	-0.001640	0.042568	0.012039
	-0.001456	0.019945	-0.003401	-0.006263	-0.011025	-0.002965
	0.017481	-0.007366	-0.015228	0.002736	0.009445	0.007656
	0.010804	-0.034679	0.007794	0.020413	-0.000054	-0.002423
	0.017440					
x304	-0.000896	-0.013442	0.002857	0.049217	-0.056629	-0.043259
	0.023190	-0.019369	0.000548	0.012627	-0.005393	-0.002342
	0.020784	0.017098	-0.023788	-0.047694	0.009982	-0.044404
	0.023715	0.008089	0.000528	0.011364	-0.006275	0.002702
	0.042340	-0.011630	-0.005518	0.006905	0.017922	0.026085
	-0.003865					
y304	0.039713	-0.014169	-0.005658	0.011707	-0.032727	-0.004501
	-0.003034	0.018081	0.022772	0.017776	-0.016672	0.023859
	-0.016863	0.004284	-0.015726	-0.026150	0.001576	-0.007976
	0.028336	-0.001313	-0.009010	0.019166	0.000657	0.024457
	-0.000885	0.011258	-0.013992	-0.022625	0.010260	-0.001226
	0.016422					
z304	0.004204	0.038115	0.063738	-0.010406	0.013713	-0.023189
	0.009847	0.042763	-0.011327	-0.000828	0.043720	0.005497
	0.004024	0.019779	-0.001844	-0.009264	-0.006741	0.001662
	0.008102	-0.006221	-0.014803	0.002804	0.012695	0.004849
	0.014143	-0.031096	0.016682	0.017297	-0.006894	-0.008468
	0.001078					
x305	0.000513	-0.016746	0.000023	0.049111	-0.054448	-0.045284
	0.023022	-0.021315	-0.003056	0.013463	-0.005509	-0.002670
	0.024011	0.018901	-0.022031	-0.045123	0.011322	-0.045631
	0.023767	0.011282	0.002630	0.010406	-0.005569	0.004841
	0.036626	-0.003196	-0.005630	0.014430	0.016694	0.020398
	-0.006825					
y305	0.040279	-0.013369	-0.002848	0.010293	-0.033331	-0.006248
	-0.003765	0.019222	0.022558	0.017606	-0.015796	0.021028
	-0.012978	0.003873	-0.020048	-0.029591	0.000891	-0.009128
	0.027759	-0.004748	-0.010625	0.018084	0.000348	0.025400
	0.005862	0.009793	-0.005500	-0.015622	0.011514	0.000762
	0.014399					

z305	0.004773	0.035547	0.064865	-0.007914	0.015974	-0.025589
	0.012772	0.041094	-0.011130	0.000783	0.043655	0.003370
	0.007747	0.015028	0.001369	-0.008247	-0.002412	0.005185
	0.001720	-0.003860	-0.012908	0.000400	0.007952	0.004154
	0.018603	-0.033507	0.014785	0.019109	-0.010201	-0.006119
	-0.007323					
x306	0.001631	-0.018777	-0.002445	0.047421	-0.053326	-0.046611
	0.021979	-0.023998	-0.006476	0.013938	-0.005253	-0.002231
	0.026106	0.018657	-0.022678	-0.041640	0.012272	-0.047337
	0.021639	0.015109	0.004298	0.010622	-0.006311	0.005861
	0.031071	-0.000681	-0.006170	0.017985	0.017704	0.018677
	-0.005568					
y306	0.041362	-0.012899	-0.000173	0.009489	-0.032512	-0.009425
	-0.003856	0.022469	0.021978	0.017113	-0.013861	0.019034
	-0.009881	0.003246	-0.022379	-0.033785	-0.001088	-0.009793
	0.027466	-0.010092	-0.011019	0.017115	0.002815	0.025765
	0.010425	0.011751	-0.002969	-0.011292	0.011597	-0.001383
	0.011772					
z306	0.005095	0.033407	0.065409	-0.006127	0.017721	-0.027734
	0.015680	0.040397	-0.010390	0.000936	0.043618	0.001484
	0.010018	0.011985	0.004368	-0.008294	0.000728	0.006372
	-0.001745	-0.003306	-0.012026	-0.000578	0.007823	0.005293
	0.021237	-0.033930	0.009915	0.018475	-0.012917	-0.005338
	-0.011591					
x307	0.002923	-0.020203	-0.004475	0.044909	-0.052489	-0.046915
	0.020672	-0.025025	-0.010248	0.013629	-0.006315	-0.002895
	0.027976	0.017388	-0.024947	-0.040537	0.011690	-0.047944
	0.019459	0.015931	0.005190	0.009685	-0.003651	0.003980
	0.027077	0.001963	-0.003576	0.018977	0.017244	0.017394
	-0.003496					
y307	0.042164	-0.012839	0.003042	0.008755	-0.031590	-0.013040
	-0.003247	0.022911	0.021114	0.017425	-0.009657	0.018786
	-0.007868	0.003001	-0.022964	-0.032572	-0.001052	-0.012665
	0.025068	-0.012094	-0.009744	0.017407	0.000208	0.029166
	0.011193	0.011664	-0.004730	-0.007547	0.012800	-0.004650
	0.009402					
z307	0.004723	0.032131	0.066009	-0.004710	0.018311	-0.030133
	0.018684	0.038841	-0.010431	0.001528	0.042535	-0.001728
	0.010654	0.009269	0.006179	-0.005610	0.002837	0.005981
	-0.004262	-0.001745	-0.009180	-0.001045	0.007600	0.008254
	0.020520	-0.035455	0.005021	0.015717	-0.014076	-0.007295
	-0.013636					

x308	0.004506	-0.020989	-0.006591	0.040771	-0.051649	-0.045519
	0.019869	-0.026660	-0.015749	0.014451	-0.008002	-0.002874
	0.026537	0.016671	-0.025786	-0.037164	0.010039	-0.050141
	0.016495	0.016227	0.005858	0.006914	-0.002184	0.000743
	0.022079	0.003589	0.000880	0.015933	0.013275	0.019710
	-0.000681					
y308	0.043147	-0.013799	0.007745	0.008730	-0.030291	-0.018097
	-0.002754	0.023244	0.019713	0.017001	-0.007176	0.017676
	-0.002604	0.000966	-0.024665	-0.031781	0.000690	-0.012807
	0.023371	-0.014869	-0.005741	0.017409	0.001097	0.030273
	0.011710	0.010615	-0.006763	-0.003279	0.015119	-0.013819
	0.005876					
z308	0.003796	0.030550	0.066181	-0.004166	0.018239	-0.031630
	0.020570	0.035990	-0.011830	0.002372	0.038944	-0.006251
	0.011346	0.006807	0.007991	-0.003459	0.004854	0.003853
	-0.002167	-0.000615	-0.006855	-0.005414	0.008129	0.010619
	0.019605	-0.035394	0.001020	0.014083	-0.013390	-0.009056
	-0.008456					
x309	0.006814	-0.020181	-0.007763	0.036671	-0.050603	-0.044539
	0.018026	-0.027703	-0.022098	0.013698	-0.010264	0.000472
	0.021078	0.019984	-0.028124	-0.032555	0.008333	-0.048553
	0.012309	0.018269	0.014040	0.005878	0.001344	-0.006528
	0.015367	0.006569	0.007155	0.008686	0.009336	0.021217
	0.003138					
y309	0.044514	-0.015872	0.012951	0.006386	-0.028775	-0.022752
	0.000343	0.021848	0.014697	0.020012	-0.007585	0.017068
	0.004259	-0.004763	-0.021997	-0.028884	0.003727	-0.018037
	0.024732	-0.017706	-0.004643	0.012113	0.002846	0.028098
	0.012377	0.005593	-0.011609	0.000015	0.012906	-0.019616
	0.008097					
z309	0.002604	0.029261	0.065407	-0.004622	0.016291	-0.031330
	0.020186	0.032771	-0.016717	0.004560	0.030682	-0.010396
	0.006809	0.007718	0.010609	0.001466	0.006446	0.002226
	0.005174	0.002963	0.002144	-0.012762	0.013164	0.011263
	0.018383	-0.029410	-0.006514	0.008921	-0.009636	-0.009065
	0.015894					
x310	0.007819	-0.019832	-0.011603	0.031482	-0.046272	-0.042887
	0.016554	-0.028149	-0.021441	0.011827	-0.009646	0.003580
	0.020149	0.013304	-0.032868	-0.031462	0.008748	-0.043671
	0.006049	0.015682	0.011046	0.007719	0.003726	-0.014152
	0.007815	0.003332	0.011903	0.002598	0.003662	0.020094
	-0.016963					

y310	0.046562	-0.015570	0.019780	0.002284	-0.028214	-0.027250
	0.001206	0.020854	0.001338	0.025840	-0.011532	0.019368
	0.004284	-0.002384	-0.016607	-0.020015	0.004683	-0.021222
	0.028656	-0.010806	0.009172	0.005588	0.010303	0.020579
	0.011189	0.003593	-0.018646	-0.001057	0.015724	-0.021158
	0.040168					
z310	0.000100	0.027818	0.057391	-0.006418	0.013487	-0.027206
	0.018059	0.028621	-0.019300	0.009215	0.021999	-0.015821
	0.001710	0.002277	0.014390	0.010254	0.008468	0.002313
	0.015240	0.005700	0.003270	-0.019703	0.025689	0.008027
	0.013223	-0.028022	-0.018397	0.002251	-0.000235	-0.010191
	0.040629					
x311	0.005855	-0.016844	-0.011701	0.026874	-0.041189	-0.035133
	0.012954	-0.027543	-0.021529	0.007421	-0.006929	0.003387
	0.020993	0.008417	-0.040993	-0.031479	0.005602	-0.026953
	-0.005270	0.015460	0.000457	0.021996	0.003714	-0.008955
	0.005407	0.000907	0.023062	0.006408	-0.005540	0.017378
	-0.047691					
y311	0.047324	-0.016193	0.021488	-0.003153	-0.027261	-0.032722
	0.003189	0.017767	-0.008655	0.030169	-0.013864	0.018728
	0.005258	-0.010301	-0.015407	-0.010973	0.003415	-0.024413
	0.029612	-0.007666	0.018326	-0.003389	0.015232	0.013233
	0.004534	-0.002325	-0.031109	-0.003562	0.023028	-0.021247
	0.067427					
z311	-0.001273	0.024269	0.047192	-0.005517	0.008835	-0.026383
	0.022280	0.018094	-0.016584	0.003957	0.015600	-0.018647
	-0.000711	-0.003337	0.004720	0.007463	0.008680	-0.005292
	0.017012	0.003317	0.005981	-0.024674	0.028772	0.007580
	0.008586	-0.024745	-0.017830	-0.002190	0.001505	-0.007654
	0.022033					
x312	-0.057050	0.029836	0.035397	0.035694	-0.002840	0.010809
	0.019403	0.011239	0.008745	-0.021438	-0.003882	-0.001977
	-0.003363	-0.002988	0.034527	-0.028267	0.021912	0.018321
	-0.000453	-0.003807	0.020690	-0.006854	0.032858	-0.001994
	0.020634	0.034251	-0.003730	0.011694	-0.029891	0.010274
	0.003569					
y312	-0.001747	-0.017419	0.000171	0.021816	0.023354	0.003163
	-0.041251	-0.020308	0.025234	-0.033454	0.013705	-0.000387
	0.005012	0.012615	0.025077	-0.003849	0.017768	0.008622
	-0.000847	-0.022707	-0.003799	-0.007500	0.032828	-0.014602
	0.000000	-0.020147	0.042136	-0.013837	-0.038836	-0.004137
	0.004486					

z312	-0.002070	0.022444	-0.046249	0.055814	-0.008359	0.018134
	0.008070	0.009644	-0.017268	0.012394	0.012175	0.007112
	0.005067	-0.018229	-0.014432	0.030308	-0.017834	-0.019314
	-0.017392	0.027013	0.004975	-0.022405	0.013148	0.023702
	-0.020005	-0.006627	0.018872	-0.018031	-0.019634	-0.015621
	-0.010256					
x313	-0.056110	0.035453	0.043337	0.028250	-0.000151	0.012566
	0.013159	0.005431	0.018412	-0.031694	-0.005907	-0.013917
	-0.001413	-0.009151	0.039407	-0.031876	0.028106	0.006312
	0.007068	-0.005783	0.036616	0.003460	0.045091	0.006590
	0.010226	0.039744	-0.008321	-0.002648	-0.014318	-0.005951
	-0.004629					
y313	-0.001044	-0.017119	0.005775	0.020277	0.022788	0.002925
	-0.045990	-0.021792	0.029337	-0.042535	0.004086	-0.006730
	0.005155	0.013606	0.014478	-0.004131	0.019846	0.000008
	-0.003644	-0.027623	0.015443	-0.010687	0.042360	-0.009210
	-0.007279	-0.026331	0.031236	-0.008277	-0.032559	-0.016749
	-0.009316					
z313	-0.005014	0.021539	-0.043533	0.057257	-0.011280	0.017747
	0.007043	0.010063	-0.016454	0.008935	0.020389	0.005626
	0.006001	-0.008993	-0.009133	0.038280	-0.009751	-0.024555
	-0.017291	0.029107	0.005483	-0.014070	0.023351	0.010415
	-0.002075	-0.018755	0.017578	-0.024014	-0.017400	-0.014192
	-0.003896					
x314	-0.051647	0.042499	0.053400	0.016746	0.009956	0.016164
	-0.005597	0.003456	0.022736	-0.027705	-0.014573	-0.033814
	0.015012	-0.031130	0.035409	-0.035220	0.025592	0.023631
	0.008309	-0.008730	0.030751	0.002636	0.039228	0.032351
	0.006585	0.047660	0.014539	0.007502	0.005896	-0.009913
	0.002988					
y314	0.001356	-0.016096	0.007963	0.017477	0.025237	0.006475
	-0.052850	-0.019628	0.032692	-0.046611	-0.006583	-0.014379
	0.011741	0.008641	0.004096	-0.004114	0.018343	0.007512
	-0.007232	-0.028000	0.025129	-0.018794	0.044598	0.001854
	-0.011240	-0.024749	0.030860	-0.000585	-0.020091	-0.023640
	-0.008142					
z314	-0.009899	0.024557	-0.030603	0.056275	-0.014087	0.019392
	-0.003069	0.012771	-0.014357	0.007595	0.023944	-0.002269
	0.000419	-0.006532	0.002435	0.049176	-0.002079	-0.030442
	-0.022972	0.026254	0.002470	0.001473	0.040054	-0.000773
	0.005060	-0.032250	0.022304	-0.022205	-0.012552	-0.029688
	-0.005744					

x315	-0.047701	0.045257	0.054604	0.012977	0.012112	0.011386
	-0.004105	0.000456	0.026721	-0.029728	-0.016813	-0.039277
	0.012950	-0.025806	0.032746	-0.043662	0.028084	-0.004600
	0.010443	-0.011365	0.044839	0.003168	0.027393	0.031652
	-0.003009	0.048986	0.012963	-0.008820	0.012401	-0.015965
	-0.011931					
y315	0.004708	-0.013799	0.005982	0.016933	0.026014	0.001674
	-0.051189	-0.016143	0.032811	-0.047489	-0.006894	-0.015081
	0.011803	0.009486	-0.003210	-0.004418	0.016413	0.004285
	-0.006793	-0.030032	0.029175	-0.025933	0.025242	0.008305
	-0.008286	-0.017016	0.028237	-0.004485	-0.025456	-0.019860
	-0.010153					
z315	-0.010912	0.027058	-0.019785	0.051335	-0.012971	0.021131
	-0.012525	0.014126	-0.011299	0.012469	0.025403	-0.010021
	0.007265	-0.011696	0.000445	0.051683	-0.000554	-0.016016
	-0.027831	0.025896	-0.004080	0.001148	0.046087	0.003685
	0.011946	-0.032394	0.037525	-0.010365	-0.009962	-0.027223
	0.012957					
x316	-0.047331	0.044174	0.052927	0.013548	0.011299	0.004269
	0.001441	-0.000029	0.028325	-0.032217	-0.012245	-0.033335
	0.007299	-0.020094	0.035134	-0.046703	0.028005	-0.020702
	0.012477	-0.016150	0.050830	0.006149	0.021050	0.028728
	-0.006860	0.054709	0.008412	-0.017041	0.004006	-0.017765
	-0.019193					
y316	0.004537	-0.014328	0.005256	0.017451	0.023867	-0.001518
	-0.046999	-0.013680	0.030563	-0.049490	-0.007316	-0.013835
	0.010305	0.008340	-0.007240	-0.005539	0.015066	0.002796
	-0.005748	-0.032789	0.032717	-0.031341	0.015604	0.011527
	-0.003498	-0.009131	0.024807	-0.004698	-0.034348	-0.017978
	-0.013150					
z316	-0.011926	0.028621	-0.013263	0.047686	-0.013008	0.020679
	-0.015327	0.013840	-0.008122	0.014359	0.025713	-0.014581
	0.006376	-0.004183	-0.001201	0.047933	-0.000269	-0.021634
	-0.030869	0.023221	-0.001450	0.003778	0.047028	-0.001913
	0.012252	-0.037170	0.039860	-0.011581	-0.006800	-0.024026
	0.016209					
x317	-0.048259	0.041988	0.051600	0.016164	0.011332	-0.000431
	0.005629	0.000857	0.026770	-0.029620	-0.009689	-0.028405
	0.002262	-0.015442	0.037945	-0.041359	0.026470	-0.026171
	0.017663	-0.015983	0.055329	0.010525	0.020086	0.024840
	-0.014687	0.050706	0.000562	-0.016791	-0.006510	-0.013593
	-0.026072					

y317	0.004014	-0.014685	0.005420	0.018520	0.022799	-0.004141
	-0.043335	-0.011831	0.026663	-0.047569	-0.007065	-0.014315
	0.008797	0.007476	-0.010484	-0.003433	0.015167	0.001696
	-0.002163	-0.033703	0.034993	-0.034925	0.008000	0.014224
	-0.001749	-0.006043	0.021274	-0.002043	-0.044422	-0.012897
	-0.015536					
z317	-0.012842	0.029029	-0.009264	0.044365	-0.012884	0.019362
	-0.015867	0.013549	-0.005238	0.014138	0.028518	-0.014540
	0.004443	0.001954	-0.000406	0.040342	-0.002219	-0.023500
	-0.035809	0.015806	-0.002383	0.007385	0.043619	-0.005701
	0.014398	-0.037109	0.044868	-0.014901	-0.002583	-0.019503
	0.016812					
x318	-0.050025	0.040283	0.047682	0.018360	0.011469	-0.003983
	0.001381	0.004491	0.022106	-0.019972	-0.008604	-0.026290
	-0.001722	-0.008768	0.033639	-0.028334	0.021896	-0.027608
	0.009159	-0.018993	0.055945	0.010843	0.008379	0.023630
	-0.014261	0.043041	-0.005346	-0.019002	-0.017040	-0.014897
	-0.023825					
y318	0.002622	-0.015038	0.005546	0.018860	0.021824	-0.005954
	-0.041881	-0.009504	0.021872	-0.042551	-0.008472	-0.017950
	0.008539	0.007814	-0.015142	0.002894	0.014821	-0.002803
	-0.008950	-0.037118	0.035185	-0.039163	-0.003719	0.018660
	0.003154	-0.004163	0.016073	-0.000747	-0.054085	-0.013069
	-0.010804					
z318	-0.014461	0.028440	-0.005695	0.044410	-0.011424	0.020186
	-0.007463	0.012926	-0.001225	0.015133	0.027387	-0.008531
	0.001302	-0.003256	0.008073	0.027775	-0.008114	-0.019980
	-0.012851	0.015557	-0.010713	0.018656	0.045359	-0.003520
	-0.004228	-0.036275	0.042066	-0.009274	-0.002124	-0.007789
	0.011397					
x319	-0.051925	0.036161	0.041332	0.019781	0.010495	-0.002432
	0.001817	0.006260	0.012588	-0.006276	-0.010172	-0.017986
	-0.000708	-0.003187	0.021304	-0.020757	0.013999	-0.021279
	0.012930	-0.005872	0.043270	0.008725	0.002864	0.035585
	-0.016333	0.014130	-0.006926	-0.018432	-0.001272	-0.021386
	-0.017049					
y319	0.001828	-0.016045	0.003699	0.019450	0.021191	-0.005576
	-0.038742	-0.008071	0.015598	-0.031959	-0.007858	-0.016894
	0.009310	0.008406	-0.020776	0.007425	0.014617	-0.006374
	-0.008822	-0.032223	0.030041	-0.039922	-0.009521	0.028833
	0.004294	-0.015528	0.015178	-0.000826	-0.046511	-0.020850
	-0.005018					

z319	-0.014787	0.028553	-0.003726	0.041109	-0.007060	0.020295
	-0.007051	0.012530	0.002957	0.008872	0.024739	-0.006996
	-0.001180	-0.002854	0.018485	0.015938	-0.010771	-0.004325
	-0.006222	0.005791	-0.011969	0.018977	0.044272	-0.015507
	-0.017418	-0.020401	0.051684	-0.001788	-0.004062	0.012492
	0.003452					
x320	-0.055626	0.026784	0.018090	0.018040	0.017909	-0.000976
	0.005934	0.014260	-0.010701	-0.005623	-0.017980	0.000421
	0.009648	0.004807	0.017259	-0.036729	-0.003866	0.007502
	0.020416	0.027756	0.017751	0.002887	-0.009916	0.016991
	-0.008562	-0.000245	0.006547	0.004269	0.015345	-0.008959
	0.009713					
y320	-0.000960	-0.019527	-0.007475	0.017355	0.023831	-0.004725
	-0.030032	-0.002789	0.003316	-0.030542	-0.013361	-0.012709
	0.013270	0.005908	-0.016518	0.004705	0.008011	0.003559
	-0.011870	-0.018057	0.022363	-0.044928	-0.023679	0.025239
	0.000634	-0.007097	0.021863	0.003773	-0.042483	-0.009380
	0.009583					
z320	-0.013075	0.031136	0.004402	0.040802	-0.002910	0.021664
	-0.013281	0.009101	0.012787	0.018271	0.019291	-0.001157
	-0.006486	0.004753	0.027779	0.006225	-0.015623	-0.002485
	0.001188	-0.005868	-0.025879	0.026994	0.051246	-0.017289
	-0.024654	-0.026835	0.060378	-0.002254	0.002819	0.014109
	-0.013906					
x321	-0.056743	0.021030	0.013963	0.018324	0.015274	0.005873
	0.014602	0.014571	-0.016913	0.005339	-0.017777	-0.012309
	0.017914	-0.002697	0.016602	-0.030554	-0.006639	0.018088
	0.016030	0.023942	0.011167	-0.005310	-0.009726	0.009163
	-0.015750	-0.012258	0.023934	0.014787	0.006913	-0.002014
	-0.013762					
y321	0.002038	-0.019083	-0.009586	0.016118	0.025791	0.002962
	-0.024109	-0.002358	0.001637	-0.016388	-0.011059	-0.019909
	0.012056	-0.001340	-0.007679	0.014473	0.011111	0.004992
	-0.007176	-0.008933	0.016453	-0.045961	-0.012098	0.016653
	-0.008843	-0.014507	0.051297	0.000347	-0.030662	-0.005867
	-0.003233					
z321	-0.019092	0.028310	0.004083	0.040152	-0.007502	0.013360
	-0.007896	0.006838	0.016853	0.010951	0.021218	0.012090
	-0.001640	0.014517	0.015600	-0.016794	-0.029808	-0.000556
	-0.000461	-0.027098	-0.024886	0.028694	0.013759	-0.003150
	-0.016365	-0.004347	0.015698	0.015491	-0.026895	0.019388
	0.014854					

x322	-0.055733	0.019154	0.007195	0.010378	0.007424	0.002291
	0.015197	0.015678	-0.021497	0.010002	-0.014405	-0.012509
	0.016315	-0.008509	0.018878	-0.032498	-0.003358	0.011515
	0.018220	0.011216	0.001737	-0.028158	-0.004309	0.006233
	-0.025348	-0.012126	-0.010107	0.042313	0.036994	0.028170
	0.003298					
y322	0.001762	-0.020737	-0.010876	0.012212	0.021168	0.002942
	-0.023584	-0.001290	-0.001406	-0.015257	-0.008881	-0.018409
	0.007883	-0.007261	-0.008952	0.011949	0.011505	0.007772
	-0.000847	-0.011238	0.012026	-0.052125	-0.005195	0.021086
	-0.015836	-0.005287	0.041210	0.006992	-0.019948	0.007474
	0.015425					
z322	-0.017534	0.028454	0.007216	0.044991	-0.007771	0.015379
	-0.003758	0.010672	0.016552	0.016238	0.013810	0.003443
	0.002952	0.023515	0.012230	-0.011769	-0.021749	0.004576
	-0.002991	-0.023118	-0.011562	0.027036	0.002665	0.007844
	-0.025014	-0.004496	0.025138	0.005891	-0.035597	0.005534
	-0.000382					
x323	-0.053807	0.016797	0.002687	0.009350	0.006927	-0.001043
	0.012326	0.002117	-0.026585	-0.000997	-0.020320	-0.009824
	0.020339	-0.019913	0.021748	-0.017966	-0.016208	0.000582
	0.022926	0.010246	0.001781	-0.016070	-0.000159	0.003565
	-0.013332	0.008000	-0.014218	0.015987	0.016502	-0.017750
	0.001340					
y323	0.001456	-0.022187	-0.010888	0.011234	0.019565	0.002408
	-0.023959	-0.006349	-0.004200	-0.019312	-0.011572	-0.017830
	0.007176	-0.012378	-0.010866	0.016142	0.006336	0.006504
	0.005045	-0.009373	0.015758	-0.042344	-0.001673	0.023308
	-0.011784	0.008845	0.043231	-0.007226	-0.028735	-0.012078
	0.019554					
z323	-0.016355	0.029039	0.007911	0.047985	-0.008270	0.018094
	-0.000487	0.012899	0.016118	0.018465	0.009782	0.002549
	0.004805	0.022783	0.010311	-0.009160	-0.020651	0.004064
	0.000645	-0.021962	-0.008787	0.024268	0.000890	0.014107
	-0.033749	0.006523	0.019093	0.001090	-0.037641	0.002965
	0.001627					
x324	-0.051643	0.014741	0.001037	0.010358	0.005763	-0.002505
	0.011787	0.001256	-0.029350	-0.005583	-0.021611	-0.013878
	0.021231	-0.022957	0.022534	-0.010934	-0.015305	-0.001991
	0.024072	0.010113	0.004162	-0.021575	0.003208	0.002684
	-0.015504	0.009674	-0.022585	0.016578	0.017402	-0.013600
	0.003762					

y324	0.001209	-0.022745	-0.010022	0.011561	0.017715	0.002512
	-0.023044	-0.005448	-0.004844	-0.020004	-0.012187	-0.019967
	0.005315	-0.012583	-0.012844	0.016209	0.007496	0.007428
	0.009427	-0.007341	0.020145	-0.040207	0.000897	0.025845
	-0.011922	0.011767	0.041810	-0.007941	-0.027529	-0.009237
	0.024581					
z324	-0.014980	0.029031	0.008245	0.049252	-0.010613	0.019043
	0.002952	0.012813	0.013915	0.021242	0.005500	0.001035
	0.005991	0.021070	0.008541	-0.005590	-0.020601	0.004204
	0.002967	-0.022758	-0.004101	0.020332	-0.002835	0.020943
	-0.041511	0.014977	0.013187	-0.002242	-0.038262	0.002618
	0.000403					
x325	-0.049600	0.013385	-0.001166	0.009604	0.006049	-0.004210
	0.009637	-0.000969	-0.032115	-0.006656	-0.020950	-0.016337
	0.020694	-0.026572	0.023834	-0.002441	-0.014800	-0.000570
	0.019135	0.010526	0.007872	-0.025846	0.003488	-0.001381
	-0.014343	0.012636	-0.023181	0.014142	0.016070	-0.014365
	0.006419					
y325	0.000965	-0.022368	-0.009949	0.011530	0.016003	0.002260
	-0.022357	-0.004564	-0.004652	-0.018418	-0.011996	-0.020998
	0.002864	-0.012224	-0.013914	0.017210	0.008247	0.009109
	0.010813	-0.005699	0.024671	-0.038106	0.000516	0.027119
	-0.009561	0.013330	0.042607	-0.008281	-0.026826	-0.006751
	0.029441					
z325	-0.013944	0.028791	0.009184	0.049965	-0.012878	0.018808
	0.005471	0.011545	0.011673	0.021636	0.001109	-0.002274
	0.007788	0.019831	0.005664	-0.004063	-0.020048	0.003293
	0.005310	-0.024284	-0.000466	0.018477	-0.005150	0.026619
	-0.045613	0.018749	0.007420	-0.003884	-0.037882	0.001194
	-0.001589					
x326	-0.047747	0.011896	-0.003695	0.008208	0.007421	-0.004415
	0.007729	-0.003090	-0.034658	-0.008152	-0.021959	-0.017754
	0.020845	-0.030571	0.024127	0.002264	-0.011691	0.000779
	0.014258	0.012759	0.008794	-0.031499	0.005379	-0.007085
	-0.012469	0.014140	-0.021121	0.009416	0.017216	-0.014697
	0.006524					
y326	0.000574	-0.021356	-0.010315	0.011448	0.014174	0.002500
	-0.021042	-0.003400	-0.003896	-0.016954	-0.012815	-0.021665
	0.001206	-0.010562	-0.014980	0.016481	0.009931	0.009099
	0.012108	-0.004806	0.028222	-0.036711	-0.000724	0.027538
	-0.005409	0.011710	0.042749	-0.007971	-0.023771	-0.003105
	0.032146					

z326	-0.012944	0.028388	0.010353	0.050243	-0.014176	0.017648
	0.006855	0.009175	0.009757	0.022614	-0.002518	-0.007169
	0.009179	0.016952	0.003544	-0.001746	-0.019504	0.005117
	0.005775	-0.024193	0.003191	0.016790	-0.006728	0.029727
	-0.046766	0.020339	0.004234	-0.003436	-0.037519	0.000355
	-0.003409					
x327	-0.045363	0.010836	-0.005840	0.005819	0.009552	-0.004359
	0.005178	-0.006025	-0.036986	-0.011299	-0.019945	-0.016828
	0.018045	-0.032342	0.024325	0.003648	-0.010498	0.000974
	0.009813	0.016605	0.006453	-0.034898	0.009682	-0.012590
	-0.007621	0.013032	-0.017284	0.006414	0.021935	-0.008994
	0.008970					
y327	0.000251	-0.019353	-0.010546	0.010809	0.012118	0.002910
	-0.019642	-0.001972	-0.002885	-0.015907	-0.012431	-0.021535
	-0.000892	-0.006052	-0.015628	0.014072	0.009338	0.007434
	0.013600	-0.005172	0.029972	-0.034080	-0.002302	0.028803
	0.000758	0.007098	0.041549	-0.004760	-0.018388	0.003007
	0.035756					
z327	-0.012143	0.027544	0.011523	0.050440	-0.014125	0.016560
	0.007483	0.005056	0.007825	0.024078	-0.006630	-0.014023
	0.010745	0.010786	0.002647	0.000170	-0.015236	0.010376
	0.004011	-0.020543	0.006624	0.012245	-0.007188	0.027908
	-0.044458	0.020337	0.005145	-0.001535	-0.035254	0.000915
	-0.005877					
x328	-0.042783	0.010455	-0.007247	0.003307	0.010684	-0.005643
	0.002948	-0.007084	-0.038763	-0.013307	-0.014167	-0.014960
	0.010543	-0.029982	0.025070	0.007502	-0.016070	-0.003033
	0.009064	0.017261	0.004929	-0.029361	0.012214	-0.014202
	-0.007324	0.010633	-0.014126	-0.000061	0.020625	-0.008683
	0.010532					
y328	-0.000376	-0.016307	-0.010283	0.009332	0.009382	0.003080
	-0.017804	0.001041	-0.001405	-0.014058	-0.010985	-0.021912
	-0.003571	0.002270	-0.014579	0.011055	0.003680	0.002670
	0.016547	-0.010048	0.032435	-0.028055	-0.003999	0.032686
	0.004461	0.000687	0.036263	-0.001660	-0.014619	0.007226
	0.039179					
z328	-0.011372	0.027191	0.011742	0.051137	-0.013263	0.015043
	0.006635	-0.001708	0.005891	0.026994	-0.008213	-0.021541
	0.009055	0.001455	0.004011	0.001750	-0.007137	0.018631
	0.001159	-0.009693	0.010279	0.006872	-0.007885	0.019238
	-0.034589	0.015572	0.009419	0.002721	-0.028837	0.003037
	-0.003866					

x329	-0.040498	0.009187	-0.007855	-0.000749	0.012186	-0.007804
	0.002312	-0.003896	-0.040113	-0.020245	-0.011280	-0.011179
	0.009993	-0.027880	0.021444	0.010191	-0.023058	-0.010285
	0.008021	0.007072	-0.002775	-0.024046	0.015763	-0.006392
	-0.018644	0.016066	-0.016963	-0.005702	0.014505	-0.005856
	0.007407					
y329	-0.001112	-0.012959	-0.009830	0.006906	0.006547	0.002694
	-0.014541	0.006025	0.001300	-0.013147	-0.010953	-0.021915
	-0.003380	0.012814	-0.013091	0.005249	-0.004254	-0.005528
	0.020085	-0.020919	0.035381	-0.022553	-0.004379	0.038566
	0.004125	-0.005555	0.025709	0.002222	-0.011555	0.014890
	0.038654					
z329	-0.010523	0.027003	0.010253	0.051277	-0.011631	0.011640
	0.004034	-0.009470	0.003953	0.028876	-0.007427	-0.028152
	0.007005	-0.010616	0.005608	0.003655	0.003546	0.028063
	-0.001040	0.003030	0.009082	0.002216	-0.007915	0.009955
	-0.020038	0.011344	0.012012	0.010007	-0.020683	0.004013
	0.002584					
x330	-0.039452	0.008713	-0.006157	-0.004568	0.013259	-0.004910
	0.000963	0.002527	-0.041844	-0.024964	-0.013188	-0.008825
	0.011135	-0.022285	0.014871	0.015295	-0.032767	-0.010882
	0.003287	-0.001991	-0.006635	-0.012707	0.022974	-0.000742
	-0.027452	0.014062	-0.018681	-0.011616	0.010832	-0.005802
	-0.003992					
y330	-0.001074	-0.008838	-0.010735	0.008081	0.002405	-0.000399
	-0.008995	0.010626	0.006708	-0.010830	-0.010801	-0.018532
	-0.004497	0.024297	-0.013721	0.000462	-0.006103	-0.016168
	0.021168	-0.028289	0.041931	-0.016588	-0.013457	0.036191
	0.010943	-0.018359	0.018720	0.005655	-0.007301	0.028203
	0.025978					
z330	-0.008405	0.024536	0.010399	0.044958	-0.012264	0.006759
	0.004139	-0.014535	0.000921	0.027729	-0.013829	-0.034926
	0.006634	-0.018278	0.001051	0.006486	-0.001919	0.026820
	-0.001837	-0.001762	0.013451	-0.004179	0.001325	0.002445
	-0.018192	0.009516	0.005751	0.009679	-0.022316	0.004965
	-0.004399					
x331	-0.004476	0.026525	0.006701	0.027210	-0.013145	0.012400
	-0.025503	-0.009104	0.028307	0.028027	-0.018971	0.021767
	-0.016960	0.026058	-0.018996	0.065573	-0.000579	-0.012531
	0.013279	-0.032418	-0.017159	-0.009443	0.007136	0.030315
	0.000950	-0.018546	0.012659	-0.025285	-0.010138	0.028368
	0.014427					

y331	-0.030515	0.005931	0.009147	0.014134	0.048356	0.013681
	0.009514	-0.000284	0.005172	-0.002857	0.002755	0.021987
	-0.028101	0.013478	0.020312	-0.014531	0.057371	0.008613
	0.006875	-0.007856	-0.026078	0.038098	0.005780	0.014335
	-0.014234	-0.013685	0.007528	-0.020931	0.000783	-0.012364
	-0.016646					
z331	0.021564	-0.010767	-0.012231	0.016161	0.006787	0.014361
	-0.005730	0.032273	-0.026684	-0.003252	0.043107	0.018236
	0.008422	0.018689	0.013809	-0.001973	0.018095	-0.018259
	-0.014458	0.041464	0.019200	-0.017421	-0.011363	0.001893
	0.021899	-0.034750	-0.042473	0.007023	-0.015923	-0.025054
	-0.012552					
x332	-0.003622	0.023579	0.004517	0.026892	-0.013103	0.012331
	-0.022011	-0.009937	0.026528	0.029220	-0.017322	0.029078
	-0.014453	0.021073	-0.017896	0.079720	0.001850	-0.007088
	0.015513	-0.025336	-0.015507	-0.013193	0.002676	0.044675
	0.007607	-0.015782	0.011642	-0.026327	-0.008163	0.024960
	0.007197					
y332	-0.029243	0.005233	0.011496	0.010229	0.052142	0.009405
	0.002426	-0.004392	0.005004	-0.008643	-0.001250	0.017594
	-0.018892	0.016053	0.030567	-0.023959	0.058574	0.010335
	0.008079	-0.011250	-0.014475	0.044756	0.004968	0.022682
	-0.015683	-0.011899	0.000828	-0.024145	-0.002749	-0.011607
	-0.006985					
z332	0.024634	-0.014694	-0.008461	0.014690	0.009122	0.011808
	-0.012292	0.032345	-0.029571	-0.009174	0.037803	0.018519
	0.012979	0.014082	0.014635	-0.001799	0.020058	-0.015246
	-0.008429	0.051343	0.017760	-0.025036	-0.004097	0.003771
	0.020255	-0.038890	-0.033996	0.005979	-0.017209	-0.021879
	-0.016371					
x333	-0.000656	0.020894	0.000472	0.023616	-0.010736	0.011289
	-0.020635	-0.013797	0.026613	0.038183	-0.015235	0.038800
	-0.005799	0.015688	-0.019354	0.086352	0.000297	0.001198
	0.022039	-0.015870	-0.022285	-0.016328	0.002738	0.050691
	0.018585	-0.024591	0.022347	-0.023398	-0.006181	0.031629
	-0.000858					
y333	-0.029270	0.005538	0.014442	0.007338	0.055915	0.006028
	-0.001481	-0.002816	0.003608	-0.012521	-0.006031	0.013972
	-0.008532	0.024118	0.033177	-0.037094	0.059468	0.009066
	0.003869	-0.017513	-0.002222	0.055116	0.003813	0.019854
	-0.012557	0.002593	-0.009458	-0.024399	0.011213	-0.017736
	0.022345					

z333	0.026603	-0.017886	-0.005571	0.011207	0.014591	0.007251
	-0.018732	0.031293	-0.028304	-0.007478	0.030662	0.022349
	0.024551	0.015695	0.012720	-0.011031	0.018513	-0.014413
	-0.001570	0.052354	0.008510	-0.029941	0.001588	-0.003140
	0.024168	-0.038501	-0.021324	0.011809	-0.006121	-0.013413
	0.006522					
x334	0.002879	0.018915	0.000535	0.020703	-0.006173	0.009901
	-0.021230	-0.011064	0.026699	0.044303	-0.017561	0.045011
	0.001614	0.015902	-0.022852	0.084646	0.002634	0.007862
	0.025033	-0.012284	-0.021475	-0.018288	0.002088	0.049698
	0.032152	-0.020796	0.023671	-0.022981	0.006778	0.034217
	0.002776					
y334	-0.030507	0.005379	0.013560	0.005457	0.055674	0.004465
	-0.002931	-0.005360	-0.000186	-0.017680	-0.007048	0.011928
	-0.001687	0.023372	0.037196	-0.042387	0.055513	0.009593
	-0.000126	-0.016494	0.003354	0.059924	0.004048	0.026225
	-0.013105	0.006959	-0.013754	-0.023126	0.007041	-0.023136
	0.037055					
z334	0.027588	-0.020111	-0.002112	0.008759	0.019898	0.004384
	-0.024903	0.033214	-0.027860	-0.007329	0.023733	0.023206
	0.034576	0.019827	0.008557	-0.019756	0.017183	-0.012146
	0.000617	0.046933	0.005026	-0.033067	0.003564	-0.011402
	0.030400	-0.033381	-0.015368	0.015576	0.014093	-0.011582
	0.034005					
x335	0.004245	0.018089	0.001864	0.017751	-0.002982	0.008707
	-0.021888	-0.008184	0.024977	0.045106	-0.020183	0.050093
	0.005796	0.015196	-0.024785	0.083093	0.004340	0.009281
	0.021903	-0.007618	-0.019500	-0.014205	0.003245	0.054266
	0.040901	-0.012441	0.023259	-0.018240	0.013473	0.033817
	0.017379					
y335	-0.030263	0.004033	0.010800	0.004815	0.054482	0.003516
	-0.002082	-0.009767	-0.003104	-0.015542	-0.004655	0.008542
	0.003233	0.020354	0.043574	-0.039930	0.049744	0.016783
	0.002415	-0.013185	0.007373	0.051104	0.000048	0.030339
	-0.016245	-0.002336	-0.015192	-0.028511	0.000504	-0.021154
	0.024053					
z335	0.026695	-0.021102	-0.000333	0.006302	0.022023	0.002683
	-0.028820	0.031497	-0.030086	-0.005743	0.019657	0.023232
	0.039712	0.018559	0.008315	-0.018406	0.011387	-0.007120
	0.001720	0.046928	0.002604	-0.032798	0.003466	-0.012910
	0.029786	-0.036131	-0.007985	0.016515	0.016885	-0.013583
	0.046932					

x336	0.005200	0.017268	0.002876	0.014871	-0.000319	0.007979
	-0.022344	-0.006587	0.023276	0.042856	-0.019317	0.051737
	0.007732	0.013641	-0.022814	0.079426	0.005661	0.008298
	0.019642	-0.005439	-0.015549	-0.008657	0.004821	0.055429
	0.043741	-0.004860	0.021202	-0.019488	0.018110	0.033552
	0.021510					
y336	-0.030329	0.002022	0.008206	0.005639	0.052521	0.003291
	0.000039	-0.010031	-0.006592	-0.008007	-0.003857	0.007501
	0.008808	0.019343	0.046157	-0.032866	0.043816	0.028349
	0.005784	-0.007832	0.006509	0.038749	-0.004711	0.034686
	-0.018388	-0.013322	-0.012998	-0.024344	-0.006220	-0.014449
	0.013841					
z336	0.025036	-0.022589	0.000766	0.004840	0.022291	0.001957
	-0.031850	0.028596	-0.032979	-0.004215	0.019186	0.022940
	0.041594	0.018022	0.010415	-0.015136	0.004674	-0.000054
	0.004085	0.044573	0.001752	-0.032797	0.002779	-0.015932
	0.026624	-0.038645	0.000482	0.015745	0.012169	-0.012990
	0.045748					
x337	0.006872	0.015299	0.005963	0.011702	0.000457	0.006077
	-0.023305	-0.006779	0.023653	0.036848	-0.012031	0.052833
	0.006452	0.010553	-0.016409	0.074844	0.013098	0.011615
	0.023089	-0.014124	-0.007456	0.000825	0.012675	0.054701
	0.030938	0.003501	0.023302	-0.028057	0.015868	0.033959
	0.012902					
y337	-0.032798	0.000622	0.000725	0.008566	0.054073	0.005797
	0.004907	-0.003456	-0.015744	0.002524	-0.012056	0.005169
	0.018895	0.022933	0.044018	-0.027651	0.027844	0.033563
	0.001175	0.011649	-0.004549	0.025401	-0.019925	0.034720
	-0.003335	-0.024824	-0.016181	-0.007377	-0.003156	-0.001534
	0.017813					
z337	0.022609	-0.024747	0.001152	0.003701	0.021718	0.001830
	-0.035062	0.025832	-0.035569	-0.005371	0.022703	0.022657
	0.042428	0.019044	0.014453	-0.013903	-0.000848	0.008014
	0.005581	0.037528	-0.000325	-0.031264	0.005160	-0.021363
	0.021500	-0.037579	0.008962	0.017601	0.003858	-0.006735
	0.039081					
x338	0.007888	0.013318	0.008800	0.009963	0.003478	0.003653
	-0.026106	-0.005943	0.024177	0.028132	-0.008461	0.051085
	0.005738	0.013295	-0.005033	0.067844	0.016516	0.017310
	0.027244	-0.020376	0.000117	0.008384	0.015397	0.040399
	0.015656	0.006473	0.018246	-0.026542	-0.006303	0.038938
	0.009584					

y338	-0.035410	-0.000758	-0.005761	0.008791	0.049939	0.010638
	0.012092	0.004388	-0.020373	0.011240	-0.010652	0.005733
	0.029700	0.018035	0.031292	-0.024217	0.020046	0.029399
	-0.006642	0.022388	-0.022379	0.016515	-0.019206	0.041858
	0.013233	-0.020935	-0.013174	-0.002561	0.023894	0.002225
	0.018009					
z338	0.019020	-0.027804	0.001327	0.003489	0.020547	0.003287
	-0.038554	0.024113	-0.035875	-0.012325	0.030069	0.023345
	0.043281	0.019662	0.019914	-0.020316	-0.004495	0.012470
	0.008737	0.026400	-0.005161	-0.026581	0.010408	-0.027802
	0.013514	-0.029191	0.009393	0.026501	-0.004078	0.001726
	0.036893					
x339	0.007557	0.011900	0.011630	0.009927	0.005837	0.002823
	-0.027641	-0.002850	0.023984	0.024274	-0.006701	0.050806
	0.008609	0.015709	0.003121	0.059740	0.014161	0.009820
	0.024658	-0.017511	0.001968	0.012837	0.019415	0.034849
	0.011368	0.010937	0.018597	-0.015754	-0.014823	0.044991
	0.013347					
y339	-0.037228	-0.001439	-0.010588	0.006164	0.044700	0.012878
	0.018202	0.008261	-0.022152	0.011437	-0.005573	0.005798
	0.033275	0.006883	0.023354	-0.020481	0.019028	0.034596
	-0.008859	0.020474	-0.030804	0.013122	-0.013611	0.036114
	0.016866	-0.010063	-0.019696	-0.011547	0.028456	0.001604
	0.017181					
z339	0.014139	-0.029992	0.001768	0.004315	0.019423	0.004846
	-0.042530	0.021475	-0.037048	-0.020942	0.037452	0.026332
	0.041664	0.018547	0.026458	-0.027377	-0.009935	0.010470
	0.011863	0.016383	-0.004788	-0.019593	0.015865	-0.030348
	0.002357	-0.019280	0.006641	0.035793	-0.015049	0.013187
	0.039761					
x340	0.007049	0.010184	0.012620	0.008363	0.007242	0.005430
	-0.030306	0.001549	0.022761	0.017694	-0.001254	0.051782
	0.008465	0.017653	0.003338	0.051272	0.012330	0.006938
	0.022248	-0.027157	-0.007980	0.015833	0.027114	0.027796
	0.019118	0.019364	0.013114	-0.017345	-0.005378	0.054496
	0.008804					
y340	-0.037883	-0.001457	-0.011568	0.005448	0.040024	0.009842
	0.024084	0.011683	-0.024786	0.015165	-0.004308	0.005785
	0.032692	-0.004673	0.024343	-0.012669	0.013327	0.037420
	-0.013323	0.029533	-0.023000	0.011732	-0.013852	0.027918
	0.012052	-0.007712	-0.020370	-0.009307	0.014751	-0.005403
	0.021151					

z340	0.009921	-0.031565	0.000441	0.003491	0.018706	0.007626
	-0.048447	0.018893	-0.042120	-0.031377	0.043227	0.027539
	0.033288	0.017532	0.031747	-0.028457	-0.016530	0.011466
	0.013194	-0.008558	-0.009251	-0.012231	0.016689	-0.036796
	0.002013	-0.012314	-0.000003	0.029927	-0.015484	0.026650
	0.026781					
x341	0.010967	0.008930	0.011509	0.007766	0.010402	0.006002
	-0.029992	0.005270	0.017231	0.019614	-0.003845	0.043932
	0.012192	0.021067	0.005327	0.048056	0.015074	0.007146
	0.016342	-0.022555	-0.001295	0.017247	0.015010	0.033749
	0.020835	0.014291	0.004227	-0.015697	0.000369	0.048757
	0.010297					
y341	-0.040223	0.000575	-0.016999	0.004836	0.041466	0.010204
	0.024815	0.005577	-0.021823	0.012450	-0.002599	0.014639
	0.026299	-0.005440	0.022484	-0.012306	0.008758	0.028785
	-0.015333	0.023045	-0.018325	0.003057	0.004616	0.012384
	0.006126	-0.002325	-0.020623	-0.005575	0.029478	-0.000741
	0.025353					
z341	0.012826	-0.031214	-0.002145	0.005236	0.019308	0.005595
	-0.050631	0.017719	-0.040618	-0.035927	0.040034	0.021644
	0.031664	0.018275	0.029509	-0.021882	-0.014802	0.000383
	0.017330	-0.012509	-0.002560	-0.016883	0.015024	-0.028955
	0.007195	-0.010111	-0.007802	0.021477	-0.008366	0.028745
	0.025977					
x342	0.013357	0.008067	0.010317	0.008182	0.012600	0.006281
	-0.028916	0.006572	0.013539	0.021021	-0.003984	0.042497
	0.014298	0.024668	0.006814	0.044098	0.014083	0.003919
	0.010756	-0.019740	0.004429	0.012046	0.010949	0.033692
	0.020261	0.012586	-0.000030	-0.012775	0.004270	0.050205
	0.018403					
y342	-0.041352	0.001685	-0.019746	0.002892	0.042478	0.008513
	0.026508	0.003034	-0.021746	0.011565	-0.004819	0.013997
	0.023055	-0.009322	0.020615	-0.009444	0.007143	0.026413
	-0.017659	0.017566	-0.013945	0.002612	0.007883	0.011010
	0.005624	0.005121	-0.021027	-0.007023	0.029039	-0.006278
	0.017466					
z342	0.014957	-0.029670	-0.003883	0.007052	0.020524	0.005925
	-0.051911	0.015908	-0.038203	-0.037439	0.036530	0.014439
	0.032349	0.021220	0.027378	-0.013772	-0.014719	-0.011623
	0.020439	-0.016511	0.005780	-0.020469	0.014253	-0.019571
	0.009842	-0.006933	-0.012993	0.013870	-0.002770	0.027723
	0.023141					

x343	0.015685	0.007516	0.009315	0.008541	0.013702	0.005996
	-0.027986	0.007763	0.010957	0.021467	-0.004279	0.041992
	0.015286	0.026687	0.007318	0.041131	0.012087	-0.000023
	0.005490	-0.018339	0.009833	0.007070	0.008999	0.033806
	0.021290	0.013028	-0.002648	-0.011235	0.005931	0.049190
	0.024335					
y343	-0.041389	0.002343	-0.022014	0.000674	0.043772	0.006759
	0.027396	0.000719	-0.022597	0.011290	-0.006121	0.012458
	0.020849	-0.013067	0.017790	-0.008658	0.006924	0.026059
	-0.017596	0.016888	-0.013176	0.004488	0.009468	0.010767
	0.005864	0.005700	-0.022941	-0.008374	0.031150	-0.007093
	0.009354					
z343	0.016706	-0.027954	-0.005178	0.007816	0.021348	0.006027
	-0.052905	0.014066	-0.036536	-0.039144	0.032981	0.007747
	0.031182	0.022624	0.025758	-0.006854	-0.014391	-0.020511
	0.022364	-0.020277	0.011668	-0.022394	0.013936	-0.012769
	0.012314	-0.004565	-0.018413	0.007119	0.003691	0.027286
	0.020505					
x344	0.018003	0.007239	0.008802	0.008735	0.014753	0.005109
	-0.027287	0.007954	0.008114	0.021387	-0.004172	0.041634
	0.015699	0.027313	0.006577	0.037983	0.011124	-0.004767
	0.001093	-0.016635	0.013426	0.003398	0.008364	0.034884
	0.023202	0.013210	-0.005520	-0.012030	0.005716	0.048831
	0.025425					
y344	-0.041123	0.002104	-0.023961	-0.002062	0.043266	0.006019
	0.028611	0.000065	-0.022061	0.010374	-0.008993	0.010058
	0.019684	-0.017789	0.016840	-0.006487	0.005756	0.028433
	-0.016971	0.018973	-0.011500	0.006994	0.008116	0.010729
	0.005107	0.005657	-0.021391	-0.006686	0.032287	-0.011338
	0.006943					
z344	0.017852	-0.026421	-0.005859	0.007671	0.021783	0.005866
	-0.052949	0.012074	-0.035870	-0.040666	0.029724	0.001272
	0.028952	0.022771	0.025715	-0.001163	-0.013175	-0.026237
	0.023539	-0.021833	0.015960	-0.022422	0.011585	-0.009560
	0.013346	-0.003048	-0.021527	0.003072	0.009000	0.024699
	0.019327					
x345	0.020286	0.006824	0.008866	0.008225	0.015284	0.003768
	-0.026225	0.007541	0.005022	0.020039	-0.004276	0.040694
	0.015683	0.025848	0.006102	0.035865	0.010957	-0.009031
	-0.003329	-0.012962	0.016655	0.001666	0.006147	0.036070
	0.024565	0.012875	-0.006206	-0.014072	0.002818	0.045625
	0.024470					

y345	-0.040596	0.001573	-0.025881	-0.003963	0.042502	0.006218
	0.029412	-0.001358	-0.020659	0.012388	-0.012080	0.008567
	0.019647	-0.021504	0.015274	-0.007752	0.005162	0.033342
	-0.016586	0.019115	-0.014601	0.008860	0.009399	0.012412
	0.004067	0.007057	-0.024277	-0.005380	0.032589	-0.008850
	0.002591					
z345	0.018229	-0.025137	-0.006212	0.007345	0.022158	0.005756
	-0.052020	0.008216	-0.035735	-0.040348	0.026926	-0.004697
	0.025678	0.022870	0.027186	0.001575	-0.011763	-0.027469
	0.022052	-0.021381	0.016443	-0.020750	0.008201	-0.009868
	0.011537	-0.001614	-0.024955	-0.000470	0.014438	0.022736
	0.015841					
x346	0.022374	0.005930	0.009121	0.007037	0.015680	0.002625
	-0.025053	0.005776	0.001386	0.018267	-0.004568	0.039193
	0.015554	0.022246	0.006486	0.033528	0.012519	-0.011690
	-0.008028	-0.007653	0.017916	0.000939	0.001879	0.037838
	0.024919	0.011979	-0.006467	-0.017607	-0.001543	0.041152
	0.019610					
y346	-0.039698	0.001240	-0.028075	-0.006232	0.040685	0.007367
	0.030651	-0.001080	-0.018366	0.013443	-0.016189	0.009368
	0.023666	-0.027053	0.013553	-0.010050	0.003762	0.038898
	-0.014061	0.019265	-0.016914	0.010418	0.013178	0.012290
	0.003204	0.007104	-0.024400	-0.003215	0.026091	-0.008348
	0.001495					
z346	0.017467	-0.023934	-0.007174	0.005921	0.022628	0.006159
	-0.050283	0.003321	-0.035998	-0.039778	0.024412	-0.009427
	0.023958	0.020876	0.030597	0.002492	-0.010525	-0.023593
	0.019984	-0.017807	0.014686	-0.017012	0.002310	-0.015130
	0.007152	-0.002439	-0.025212	-0.002083	0.017302	0.016674
	0.012558					
x347	0.024345	0.004317	0.008418	0.004763	0.016082	0.002032
	-0.024577	0.001699	-0.002586	0.014619	-0.006012	0.037578
	0.017171	0.014163	0.007947	0.029758	0.014557	-0.009845
	-0.010957	0.000806	0.015952	0.001350	-0.005060	0.037514
	0.022914	0.009269	-0.005275	-0.022306	-0.006874	0.032717
	0.011115					
y347	-0.038210	0.002086	-0.027137	-0.007234	0.037669	0.007541
	0.033855	0.002353	-0.016577	0.014062	-0.017278	0.010904
	0.023062	-0.027015	0.009545	-0.009698	0.003766	0.037637
	-0.011267	0.018885	-0.017041	0.010428	0.023265	0.016917
	0.005153	0.004518	-0.026214	-0.002452	0.020544	-0.002861
	-0.001582					

z347	0.015769	-0.021980	-0.007915	0.003014	0.023495	0.006907
	-0.047817	-0.002945	-0.037612	-0.039283	0.022151	-0.012945
	0.020307	0.016884	0.034464	0.004098	-0.007835	-0.015937
	0.016889	-0.012313	0.010515	-0.010987	-0.002808	-0.021330
	0.002702	-0.005210	-0.024460	-0.001574	0.025347	0.010325
	0.008339					
x348	0.025522	0.002804	0.007700	0.002566	0.015483	0.000659
	-0.024899	-0.004410	-0.005848	0.008882	-0.007677	0.034595
	0.016492	0.003980	0.008773	0.027119	0.015634	-0.007579
	-0.011888	0.010257	0.011374	0.003922	-0.011760	0.038658
	0.021281	0.004511	-0.003691	-0.026471	-0.010379	0.024271
	0.000964					
y348	-0.035752	0.002484	-0.023594	-0.005017	0.031738	0.005611
	0.036480	0.011167	-0.010867	0.017225	-0.017577	0.012020
	0.022798	-0.021892	0.002961	-0.008497	0.000781	0.030630
	-0.008675	0.011475	-0.010318	0.007736	0.038260	0.026470
	0.012892	0.006235	-0.025371	-0.002527	0.008659	0.009476
	-0.003191					
z348	0.013346	-0.019605	-0.006958	0.000370	0.022353	0.006852
	-0.044442	-0.006988	-0.037253	-0.037071	0.018151	-0.018295
	0.014750	0.013573	0.037862	0.007296	-0.002935	-0.010616
	0.010749	-0.013797	0.010667	-0.003845	-0.004224	-0.023177
	0.001531	-0.000214	-0.022277	0.003090	0.034038	0.010902
	0.007951					
x349	0.025990	0.001984	0.009813	0.000730	0.013322	-0.002762
	-0.025057	-0.008329	-0.005652	0.006459	-0.010789	0.030923
	0.013637	-0.005439	0.004839	0.026493	0.011675	-0.005809
	-0.009691	0.019108	0.008021	0.002741	-0.013006	0.043414
	0.024359	0.001024	0.002475	-0.029857	-0.019237	0.019685
	-0.011913					
y349	-0.032490	0.002312	-0.021105	-0.001826	0.025992	0.003139
	0.036120	0.021632	-0.004627	0.020159	-0.016829	0.016568
	0.025576	-0.019873	-0.005671	-0.008600	-0.005640	0.026948
	-0.002154	0.004963	-0.007045	0.004967	0.054121	0.036657
	0.022021	0.005978	-0.026454	-0.003011	-0.005850	0.017042
	-0.000429					
z349	0.012749	-0.017488	-0.002886	-0.003153	0.019495	0.006025
	-0.038958	-0.003323	-0.034550	-0.029672	0.013239	-0.020490
	0.010571	0.011892	0.036686	0.005981	-0.001337	-0.005698
	0.010850	-0.012059	0.013855	-0.004597	0.002233	-0.026614
	0.003502	0.007156	-0.019347	0.009300	0.036595	0.011524
	0.008215					

x350	0.011514	-0.004974	-0.011850	-0.006859	-0.001358	0.008758
	-0.012987	0.005306	0.051124	0.002961	0.000884	0.000841
	-0.018408	-0.020031	-0.011238	-0.006206	-0.035340	-0.001330
	0.003817	-0.002889	0.015044	-0.005298	-0.003177	-0.051929
	-0.017578	-0.019902	0.009990	-0.019495	0.006852	-0.005349
	0.019470					
y350	0.001447	0.014977	0.025962	-0.002900	0.003333	-0.012929
	-0.020796	-0.029349	-0.000852	0.000510	0.004585	0.018852
	-0.019325	0.003461	0.007495	0.008381	-0.017746	0.014221
	0.005596	0.027513	0.005182	-0.024555	0.021776	-0.024957
	-0.027617	0.019739	-0.028376	-0.003123	-0.021162	-0.007169
	-0.011603					
z350	0.014729	-0.006527	-0.027787	-0.045442	-0.019572	0.020494
	0.007802	-0.005020	0.011837	0.024374	0.025469	0.012588
	0.015661	-0.022328	0.000306	0.001556	0.013138	-0.010109
	0.018268	-0.009811	-0.009119	-0.024309	-0.026881	-0.010505
	0.016236	0.020393	-0.016987	-0.025254	-0.014931	0.002126
	0.015184					
x351	0.013801	-0.011572	-0.010927	-0.006796	-0.001569	0.001574
	-0.009815	0.008687	0.044989	0.001651	-0.000481	0.000554
	-0.008148	-0.027207	-0.010781	-0.006886	-0.039215	0.002520
	0.005422	-0.004585	0.022263	0.005411	0.014402	-0.039440
	-0.028665	-0.017651	0.002664	-0.015031	-0.002666	-0.008707
	0.013424					
y351	0.003723	0.020196	0.024420	0.001626	0.004918	-0.014831
	-0.024597	-0.030123	0.004105	0.000229	0.003973	0.012743
	-0.016915	-0.007149	-0.000624	0.012822	-0.022481	0.012430
	0.009810	0.033993	0.006964	-0.027355	0.009536	-0.025916
	-0.021016	0.009224	-0.039115	-0.013012	-0.017352	-0.004691
	-0.007626					
z351	0.009778	-0.007034	-0.030528	-0.050765	-0.025093	0.017363
	0.006298	-0.009921	0.009523	0.023490	0.026012	0.011220
	0.020306	-0.027671	0.004105	0.006729	0.022515	-0.004417
	0.015630	-0.020743	-0.012205	-0.018452	-0.021278	0.001335
	-0.001345	0.006420	-0.007024	-0.027188	-0.017071	0.016149
	0.022552					
x352	0.016154	-0.018018	-0.009895	-0.007936	-0.000735	-0.004605
	-0.005536	0.011979	0.036875	-0.000953	-0.001323	0.002638
	-0.001484	-0.032006	-0.010628	-0.010601	-0.040866	0.006490
	0.008197	-0.004866	0.026519	0.016566	0.026219	-0.027895
	-0.036900	-0.014487	-0.002123	-0.007312	-0.002159	-0.006958
	0.005689					

y352	0.004935	0.024098	0.022278	0.002174	0.001801	-0.017452
	-0.023745	-0.030894	0.005325	0.000096	0.005412	0.006474
	-0.012589	-0.012167	-0.006156	0.020988	-0.025723	0.011119
	0.010866	0.033896	0.009311	-0.026880	0.007689	-0.023878
	-0.018178	0.000659	-0.044741	-0.018111	-0.016059	-0.012624
	-0.013663					
z352	0.007424	-0.008781	-0.027221	-0.056038	-0.032668	0.010402
	0.008340	-0.009532	0.000218	0.019256	0.023654	0.013742
	0.020313	-0.018784	0.007693	0.009391	0.026279	0.003487
	0.011161	-0.030525	-0.006906	-0.003930	-0.004166	0.014560
	-0.020708	0.003138	0.010762	-0.017091	-0.011916	0.010126
	0.007112					
x353	0.017366	-0.022677	-0.011905	-0.009663	0.000919	-0.008960
	-0.002502	0.012088	0.030333	-0.003413	-0.000616	0.005448
	0.004144	-0.037028	-0.013310	-0.013263	-0.040993	0.008949
	0.011761	-0.004154	0.026191	0.022278	0.036565	-0.020307
	-0.039025	-0.014651	-0.008655	-0.002192	-0.000276	-0.004238
	0.003769					
y353	0.008216	0.025302	0.027191	0.001707	-0.001414	-0.020344
	-0.020092	-0.024782	0.003569	-0.000857	0.005999	0.004933
	-0.011782	-0.007928	-0.007588	0.020295	-0.027786	0.014543
	0.009456	0.039015	0.014635	-0.018605	0.002932	-0.021320
	-0.021004	-0.004771	-0.036564	-0.018592	-0.010978	-0.015889
	-0.024116					
z353	0.007211	-0.011901	-0.018801	-0.058360	-0.036840	0.004130
	0.009891	-0.003177	-0.007736	0.015572	0.018287	0.016481
	0.018720	-0.006499	0.012692	0.004311	0.028187	0.013370
	0.007368	-0.032267	-0.002530	0.011007	0.004470	0.023285
	-0.035547	0.001363	0.028996	-0.010797	-0.004761	0.010379
	-0.003448					
x354	0.017840	-0.024891	-0.013971	-0.010807	0.002472	-0.012764
	-0.000272	0.012566	0.025586	-0.004855	0.000220	0.006703
	0.008329	-0.040518	-0.016567	-0.014346	-0.039937	0.009796
	0.013053	-0.002813	0.025187	0.023382	0.044280	-0.017052
	-0.037727	-0.013967	-0.009906	0.002678	-0.003027	-0.004768
	0.002412					
y354	0.011212	0.023921	0.030223	0.001306	-0.003504	-0.022690
	-0.020531	-0.020925	0.002116	-0.001454	0.006448	0.007367
	-0.013642	-0.006349	-0.005855	0.014923	-0.028820	0.019744
	0.009421	0.039354	0.015981	-0.007528	-0.000904	-0.015331
	-0.027472	-0.006055	-0.034849	-0.021771	-0.003090	-0.009641
	-0.023108					

z354	0.006770	-0.015260	-0.013906	-0.059554	-0.038794	-0.000127
	0.008619	-0.001391	-0.011458	0.014291	0.013896	0.017084
	0.018776	0.000270	0.017470	0.000214	0.030686	0.021405
	0.005408	-0.032582	-0.004167	0.019260	0.011111	0.028426
	-0.044784	-0.000500	0.035201	-0.008819	-0.001499	0.014998
	-0.003450					
x355	0.018212	-0.026215	-0.014978	-0.010451	0.003991	-0.016301
	0.001140	0.014914	0.021930	-0.005258	-0.000098	0.006816
	0.009919	-0.041563	-0.019197	-0.015192	-0.041019	0.008737
	0.013457	-0.003068	0.019953	0.022102	0.047107	-0.016105
	-0.031865	-0.012310	-0.012677	0.008618	-0.006970	-0.005284
	0.001681					
y355	0.013177	0.024011	0.030252	-0.002338	-0.005244	-0.024952
	-0.021507	-0.021858	-0.000442	-0.002997	0.008538	0.012297
	-0.015046	-0.010582	-0.003108	0.011661	-0.022358	0.025243
	0.009188	0.043761	0.022292	0.001172	0.000153	-0.009454
	-0.038935	-0.008149	-0.022585	-0.029181	-0.000544	-0.000638
	-0.016607					
z355	0.006945	-0.017565	-0.010430	-0.060872	-0.039326	-0.003690
	0.006575	-0.001178	-0.013070	0.013663	0.010088	0.013723
	0.019779	0.003821	0.020461	-0.000237	0.033569	0.027147
	0.003390	-0.028295	-0.005354	0.022378	0.015474	0.029165
	-0.044611	-0.005397	0.038438	-0.008905	-0.002407	0.019420
	-0.001803					
x356	0.018502	-0.026631	-0.016007	-0.009264	0.006598	-0.018988
	0.002451	0.016981	0.018084	-0.004654	-0.000635	0.006590
	0.008482	-0.043273	-0.018707	-0.015268	-0.039500	0.006213
	0.011809	-0.001959	0.012595	0.016772	0.041606	-0.016723
	-0.024644	-0.010114	-0.012847	0.013995	-0.007607	-0.004867
	0.002394					
y356	0.014145	0.023619	0.030020	-0.007453	-0.008485	-0.027697
	-0.022984	-0.022615	-0.002738	-0.006261	0.011613	0.015863
	-0.015031	-0.011769	-0.004206	0.009484	-0.020635	0.028657
	0.010480	0.041754	0.028128	0.010799	0.009532	-0.002676
	-0.047234	-0.007452	-0.014115	-0.032534	-0.006991	0.011065
	-0.011226					
z356	0.008136	-0.019672	-0.006933	-0.059314	-0.037589	-0.006770
	0.005759	0.000159	-0.013717	0.014874	0.005544	0.005567
	0.020488	0.006406	0.023866	0.001513	0.032858	0.028679
	0.002071	-0.022221	-0.008545	0.018873	0.015211	0.025878
	-0.036582	-0.010913	0.031276	-0.005448	-0.003527	0.020496
	-0.003508					

x357	0.018449	-0.026562	-0.018618	-0.008964	0.009089	-0.019558
	0.003663	0.017412	0.013960	-0.002937	-0.001221	0.006451
	0.006047	-0.045654	-0.015186	-0.015155	-0.037328	0.003082
	0.012336	-0.003549	0.006663	0.010856	0.031452	-0.017718
	-0.017495	-0.007478	-0.007141	0.017480	-0.007909	-0.004950
	0.005778					
y357	0.015903	0.023244	0.031396	-0.009013	-0.009644	-0.030911
	-0.023358	-0.022212	-0.005677	-0.009177	0.015573	0.016347
	-0.017075	-0.009059	-0.007102	0.011626	-0.018541	0.028669
	0.006315	0.041215	0.030319	0.012837	0.017850	0.001297
	-0.048118	-0.010508	-0.014991	-0.030738	-0.007019	0.021760
	-0.007009					
z357	0.010032	-0.022323	-0.003935	-0.053488	-0.033947	-0.008216
	0.009148	0.000944	-0.013435	0.020986	-0.001695	-0.008526
	0.022068	0.006448	0.031859	0.008081	0.027789	0.023671
	0.004987	-0.018680	-0.011384	0.006826	0.004081	0.018565
	-0.023884	-0.019437	0.011069	0.001906	-0.001190	0.014827
	0.002666					
x358	0.016776	-0.024040	-0.023173	-0.011249	0.011829	-0.019213
	0.001704	0.015877	0.010610	-0.005649	0.003697	0.013117
	0.000832	-0.044451	-0.020695	-0.021778	-0.029063	0.009076
	0.010664	-0.004104	0.004618	0.007945	0.023057	-0.017430
	-0.011938	0.000572	0.012737	0.013893	-0.003648	-0.001248
	0.004805					
y358	0.018675	0.021243	0.033532	-0.007390	-0.010028	-0.032028
	-0.018436	-0.021005	-0.009114	-0.006211	0.013176	0.006604
	-0.019802	-0.009188	0.001338	0.022770	-0.021168	0.013460
	0.004650	0.033150	0.030015	0.003787	0.012573	0.001715
	-0.042348	-0.021216	-0.030307	-0.020210	-0.011153	0.027703
	0.006262					
z358	0.011517	-0.024395	-0.003007	-0.046647	-0.029418	-0.009032
	0.012479	-0.000496	-0.011643	0.028178	-0.004745	-0.017717
	0.025768	0.006619	0.034238	0.013235	0.023064	0.023290
	0.013948	-0.009206	-0.011455	-0.006603	-0.004576	0.008720
	-0.012946	-0.026109	-0.011255	0.009287	0.002739	0.006524
	0.013151					
x359	0.013277	-0.019858	-0.025996	-0.013808	0.014391	-0.019191
	-0.002146	0.014686	0.007868	-0.008654	0.007577	0.021371
	-0.008086	-0.043643	-0.024899	-0.033426	-0.021304	0.013735
	0.010844	-0.004415	-0.002503	0.008521	0.011373	-0.015486
	-0.013491	0.013252	0.041869	0.006991	0.005564	0.000084
	-0.002418					

y359	0.020130	0.019487	0.034362	-0.008423	-0.010343	-0.034592
	-0.015226	-0.021616	-0.010987	-0.005148	0.014263	0.001107
	-0.024288	-0.009682	0.005361	0.029499	-0.020314	0.005968
	0.003626	0.027976	0.030866	-0.003421	0.010783	0.000780
	-0.036317	-0.028526	-0.036290	-0.009836	-0.019769	0.042978
	0.021279					
z359	0.011404	-0.026404	0.000697	-0.043949	-0.024087	-0.012764
	0.008717	-0.002851	-0.010008	0.028495	-0.007344	-0.024359
	0.027009	0.006146	0.033551	0.007140	0.019301	0.029690
	0.017906	0.001923	-0.010824	-0.009958	-0.006403	0.002913
	-0.012789	-0.019037	-0.013057	0.006162	0.015124	0.000618
	0.007516					
x360	-0.009657	0.012674	-0.008086	-0.009913	0.003780	0.043736
	-0.009660	0.029763	0.022849	0.022105	0.015677	0.019976
	-0.015156	0.006318	-0.019069	0.005011	-0.009668	-0.009932
	-0.005219	-0.006752	0.022619	0.018909	-0.025534	-0.039214
	0.017533	-0.023179	-0.017302	0.016624	-0.012090	-0.001239
	-0.012999					
y360	-0.013740	0.022373	-0.017286	-0.011381	0.011122	-0.003530
	-0.008956	-0.007547	0.032763	-0.004890	0.009677	-0.004772
	-0.013423	0.015164	0.015096	0.029245	-0.016428	-0.016391
	0.000822	-0.021116	-0.000906	-0.004895	-0.015264	-0.016329
	0.027864	0.010332	-0.047330	-0.016944	0.004258	-0.004109
	-0.013938					
z360	-0.006688	0.027498	-0.021888	-0.014680	-0.010425	0.028271
	-0.016464	-0.013839	0.011933	0.013051	0.003783	-0.026356
	-0.026766	-0.016756	-0.002496	0.020685	-0.030460	-0.004006
	0.016471	-0.007773	-0.025106	0.013150	-0.005746	-0.005590
	-0.003988	0.009239	-0.018795	-0.000784	-0.005400	-0.020819
	-0.003123					
x361	-0.007974	0.001582	-0.010381	-0.011304	0.004930	0.037595
	-0.001658	0.029089	0.015989	0.021249	0.018716	0.012591
	0.000237	0.005236	-0.024202	0.003106	-0.001431	-0.002255
	-0.003276	-0.000268	0.018677	0.011065	-0.011391	-0.031676
	0.016635	-0.009676	0.004267	0.022514	-0.007451	0.003326
	0.000859					
y361	-0.011866	0.020749	-0.018691	-0.014551	0.012718	-0.003317
	-0.003968	-0.008284	0.033827	-0.006896	0.013372	-0.013819
	-0.012896	0.014278	0.007618	0.027333	-0.011137	-0.012869
	0.004852	-0.019864	0.003409	-0.004433	-0.008337	-0.012887
	0.021443	0.007784	-0.032244	-0.014213	0.014250	-0.015503
	-0.014088					

z361	-0.010617	0.027686	-0.016705	-0.010115	-0.013823	0.024740
	-0.021735	-0.016602	0.015407	0.004125	-0.000366	-0.025291
	-0.022380	-0.020184	-0.010261	0.020510	-0.028390	-0.002060
	0.013060	-0.014998	-0.022206	0.013807	0.003851	-0.000255
	0.004085	0.014459	-0.023581	-0.000565	-0.000520	-0.009931
	-0.013093					
x362	-0.005453	-0.007500	-0.013923	-0.012440	0.008510	0.033458
	0.004856	0.029708	0.010448	0.020003	0.021614	0.005354
	0.012786	0.004575	-0.022825	-0.003058	0.010218	0.000144
	-0.001264	0.004354	0.014941	0.004310	-0.001435	-0.023784
	0.015260	0.005441	0.019890	0.026284	-0.001069	0.008869
	0.012192					
y362	-0.010846	0.019081	-0.019142	-0.016527	0.014513	-0.002965
	-0.001080	-0.007510	0.035024	-0.009885	0.014104	-0.020957
	-0.013130	0.012190	0.004372	0.022873	-0.005247	-0.012801
	0.007294	-0.020627	0.004783	-0.005201	-0.004396	-0.009915
	0.017099	0.008227	-0.021758	-0.009447	0.021418	-0.021929
	-0.017024					
z362	-0.010690	0.027024	-0.013804	-0.010366	-0.018766	0.021991
	-0.019542	-0.018554	0.013653	0.002510	-0.000875	-0.024864
	-0.012606	-0.021919	-0.020551	0.022728	-0.025617	0.007178
	0.010513	-0.016176	-0.011906	0.017413	0.018036	0.000585
	0.006231	0.015419	-0.020989	-0.002782	0.010277	-0.005241
	-0.012817					
x363	-0.004057	-0.014578	-0.016308	-0.012914	0.012096	0.027451
	0.006567	0.028869	0.008809	0.019688	0.019841	0.001830
	0.018569	0.000220	-0.023201	-0.004231	0.015593	0.001819
	0.001346	0.003816	0.011184	-0.000984	0.005355	-0.015961
	0.012095	0.015047	0.032778	0.025081	-0.000338	0.012808
	0.013339					
y363	-0.010785	0.017587	-0.018793	-0.017894	0.014511	-0.004907
	-0.000310	-0.007448	0.035741	-0.011714	0.011986	-0.022977
	-0.015318	0.007184	-0.000488	0.023463	-0.004310	-0.011708
	0.008766	-0.023145	0.005073	-0.006469	-0.000016	-0.008017
	0.012480	0.007095	-0.013309	-0.007126	0.023497	-0.027259
	-0.022630					
z363	-0.009483	0.024729	-0.011523	-0.011346	-0.021864	0.021087
	-0.014634	-0.018553	0.009788	-0.000190	0.002318	-0.027849
	-0.002393	-0.018932	-0.023432	0.018224	-0.017579	0.012980
	0.008857	-0.012482	-0.006682	0.019069	0.026829	0.001985
	0.007463	0.019159	-0.017145	0.001067	0.023300	0.000458
	-0.005216					

x364	-0.003371	-0.020266	-0.016424	-0.013487	0.014908	0.023186
	0.006977	0.026927	0.009857	0.018421	0.016234	0.002006
	0.019903	-0.000710	-0.027468	-0.005863	0.015505	0.004217
	0.003187	0.006490	0.004567	-0.003813	0.006408	-0.009255
	0.014418	0.015489	0.040196	0.028471	0.000444	0.013166
	0.011111					
y364	-0.010698	0.016096	-0.017610	-0.018572	0.013405	-0.006035
	0.000454	-0.006633	0.036317	-0.011993	0.010165	-0.022340
	-0.016446	0.005025	-0.005653	0.023208	-0.005851	-0.009882
	0.008373	-0.021442	0.003928	-0.007546	0.002168	-0.006697
	0.011539	0.003216	-0.009612	-0.001806	0.026414	-0.032410
	-0.026391					
z364	-0.008421	0.021378	-0.009810	-0.011794	-0.024084	0.017861
	-0.013074	-0.019180	0.006509	-0.000998	0.003502	-0.030033
	0.004624	-0.019476	-0.022484	0.016634	-0.011725	0.016961
	0.008294	-0.013672	-0.003694	0.019715	0.032827	0.003482
	0.004424	0.024317	-0.010461	0.002010	0.030680	0.006162
	-0.000904					
x365	-0.003191	-0.023797	-0.017395	-0.014971	0.016409	0.020997
	0.007306	0.022597	0.011732	0.019653	0.014653	0.002401
	0.018202	0.000378	-0.032979	-0.004724	0.013762	0.010022
	0.006196	0.011755	0.000642	-0.003564	0.004197	-0.001954
	0.015326	0.011367	0.037427	0.028722	-0.003494	0.010294
	0.009696					
y365	-0.010514	0.015324	-0.016740	-0.019123	0.011411	-0.006796
	0.001287	-0.005823	0.036204	-0.009744	0.009261	-0.021298
	-0.016958	0.004126	-0.008975	0.024242	-0.007899	-0.007795
	0.008213	-0.018403	0.003500	-0.008010	0.003414	-0.005722
	0.010382	-0.001013	-0.009823	0.002674	0.027041	-0.035722
	-0.027481					
z365	-0.007196	0.016877	-0.007215	-0.012203	-0.025855	0.014000
	-0.013750	-0.020595	0.004009	-0.001280	0.002186	-0.030899
	0.008763	-0.019403	-0.020095	0.015451	-0.008455	0.020486
	0.007269	-0.014251	-0.003086	0.019317	0.034442	0.004313
	0.003148	0.025776	-0.004256	0.004630	0.036455	0.008663
	0.002116					
x366	-0.002777	-0.025329	-0.017325	-0.016316	0.018527	0.021262
	0.005969	0.020774	0.014386	0.018230	0.011228	0.003403
	0.012638	0.003463	-0.032779	-0.007083	0.011168	0.010202
	0.009452	0.014903	-0.007058	-0.001165	-0.002211	-0.000606
	0.013227	0.008134	0.034384	0.031632	-0.008118	0.006995
	0.008762					

y366	-0.010251	0.015120	-0.016282	-0.019039	0.009137	-0.007175
	0.002361	-0.003375	0.035193	-0.007491	0.008072	-0.018879
	-0.016802	0.004390	-0.009911	0.024161	-0.010024	-0.007357
	0.008471	-0.015619	0.002288	-0.009488	0.005220	-0.006960
	0.009066	-0.001982	-0.011607	0.008083	0.026041	-0.035749
	-0.026604					
z366	-0.005868	0.011561	-0.003946	-0.012994	-0.027667	0.010319
	-0.016306	-0.022919	0.001826	0.000743	-0.000663	-0.032144
	0.009887	-0.017504	-0.014705	0.014531	-0.007009	0.024503
	0.005400	-0.013175	-0.005718	0.019625	0.030658	0.003772
	0.001501	0.022574	-0.001101	0.007032	0.039134	0.006882
	0.005031					
x367	-0.000979	-0.025744	-0.017699	-0.017491	0.021640	0.019521
	0.004239	0.020421	0.014464	0.017508	0.007447	0.005682
	0.004899	0.003575	-0.032217	-0.006653	0.007144	0.010291
	0.010990	0.018045	-0.008922	0.001187	-0.008244	-0.000240
	0.010883	0.000368	0.036759	0.029846	-0.010489	-0.001331
	0.003350					
y367	-0.009405	0.015000	-0.016324	-0.018438	0.006739	-0.009213
	0.004152	0.000306	0.032317	-0.003851	0.006948	-0.014117
	-0.015487	0.003521	-0.010218	0.024916	-0.012850	-0.007538
	0.007211	-0.012873	0.002954	-0.012708	0.009799	-0.008727
	0.008849	-0.002285	-0.011801	0.011633	0.025726	-0.032980
	-0.026754					
z367	-0.004452	0.005581	-0.000105	-0.013435	-0.029991	0.007123
	-0.020084	-0.024861	-0.001358	0.004676	-0.005503	-0.034269
	0.007696	-0.013157	-0.005337	0.013995	-0.008208	0.029424
	0.004904	-0.009193	-0.012833	0.021780	0.020271	-0.000109
	-0.003209	0.014032	-0.001536	0.009761	0.035646	-0.001386
	0.008862					
x368	0.000038	-0.024267	-0.019593	-0.018355	0.024926	0.018136
	0.005051	0.019753	0.018628	0.012536	0.005461	0.012810
	0.002354	0.000409	-0.031624	-0.012689	0.005762	0.006037
	0.011232	0.013367	-0.008284	0.000229	-0.005269	0.001966
	0.005852	-0.000243	0.039340	0.026898	-0.007709	0.000760
	-0.006459					
y368	-0.008495	0.015329	-0.015816	-0.017255	0.003737	-0.012340
	0.006752	0.005143	0.029310	-0.000117	0.005543	-0.006324
	-0.011465	0.001223	-0.008495	0.024669	-0.015559	-0.009801
	0.004726	-0.012382	0.003850	-0.017648	0.017445	-0.010231
	0.008676	0.001373	-0.013001	0.014848	0.026802	-0.022467
	-0.026360					

z368	-0.002684	-0.002262	0.002958	-0.013373	-0.032250	0.002919
	-0.023036	-0.026578	-0.003949	0.007175	-0.010845	-0.035861
	0.005433	-0.007728	0.006807	0.011337	-0.008005	0.033480
	0.003510	-0.005585	-0.019235	0.022661	0.008597	-0.005757
	-0.010058	0.004745	0.000664	0.013744	0.029576	-0.012279
	0.014721					
x369	0.001119	-0.019370	-0.021828	-0.021180	0.031564	0.017049
	0.006278	0.020573	0.024416	0.011822	0.006045	0.020970
	-0.004705	-0.008433	-0.038525	-0.015479	0.002076	0.003467
	0.015480	0.013060	-0.007250	-0.002840	-0.000078	0.008660
	0.001151	0.001090	0.036472	0.019326	-0.005661	0.004328
	-0.022857					
y369	-0.007900	0.016274	-0.014411	-0.014696	0.001127	-0.014975
	0.008089	0.010725	0.025638	0.005712	0.003842	0.002597
	-0.007914	-0.001277	-0.007078	0.026515	-0.019625	-0.012171
	0.000773	-0.009538	0.003737	-0.021501	0.022775	-0.013234
	0.009539	0.004886	-0.016093	0.019454	0.026507	-0.010126
	-0.024941					
z369	0.001087	-0.010053	0.005322	-0.016141	-0.030698	-0.005454
	-0.023228	-0.026230	-0.006073	0.013395	-0.014245	-0.034643
	0.004341	-0.007910	0.016918	0.008734	-0.008293	0.034920
	0.005573	-0.001630	-0.025816	0.017338	0.005869	-0.003587
	-0.020663	0.002470	0.005215	0.013376	0.026991	-0.018110
	0.014837					
x370	0.014503	0.007733	0.009214	-0.002103	-0.017611	0.035321
	-0.048630	0.015822	-0.013218	0.030876	0.005663	-0.020296
	-0.000369	0.013968	0.015147	0.012203	0.006722	-0.014175
	0.001853	0.009716	0.000042	0.021518	0.019918	-0.008771
	-0.006832	-0.001872	-0.040523	0.012843	0.001612	-0.011601
	-0.026461					
y370	-0.015743	0.005106	-0.006848	-0.006409	0.007123	0.016353
	0.011587	0.016082	0.013451	-0.000858	0.015138	-0.000646
	0.017687	0.007820	0.018573	0.033715	-0.027329	0.000416
	0.014565	-0.009159	-0.000167	-0.008081	-0.026393	-0.029741
	-0.001524	0.015410	-0.001870	0.009367	0.038063	0.015829
	-0.019746					
z370	-0.002551	0.016911	-0.038039	-0.029545	0.014593	0.004081
	0.003051	0.003420	0.013661	-0.004476	-0.009805	-0.019823
	-0.013156	-0.033328	0.015295	0.040618	-0.028908	-0.017554
	0.003540	-0.013867	-0.048516	0.003511	-0.038351	-0.024235
	-0.004706	-0.010960	0.046515	-0.002410	0.011049	-0.013038
	-0.028888					

x371	0.016479	0.006493	0.012363	-0.005053	-0.011035	0.029095
	-0.049881	0.017988	-0.016815	0.029180	0.002469	-0.022459
	-0.007084	0.019727	0.014790	0.012727	-0.001077	-0.017845
	-0.002671	0.019757	-0.013662	0.025169	0.014978	-0.003314
	-0.007238	0.000857	-0.024101	0.015263	0.004084	-0.004997
	-0.022482					
y371	-0.014029	0.002157	-0.006162	-0.011362	0.011990	0.010485
	0.012880	0.020808	0.017759	0.001824	0.019364	-0.002814
	0.015181	0.007168	0.006677	0.032721	-0.032003	-0.006132
	0.008082	-0.005392	0.001959	-0.006639	-0.023369	-0.024418
	0.008892	0.021951	0.001124	0.008478	0.027130	0.007385
	-0.018715					
z371	-0.002445	0.011133	-0.030074	-0.026243	0.016922	-0.002638
	-0.003070	-0.002857	0.014725	-0.007594	-0.010982	-0.015281
	-0.014147	-0.020754	-0.000409	0.035589	-0.020467	-0.008213
	0.000118	-0.003430	-0.031959	0.004219	-0.030809	-0.021846
	0.012736	0.000364	0.027163	-0.007448	0.011274	0.006182
	-0.014031					
x372	0.018396	0.004111	0.016126	-0.007892	-0.004127	0.025638
	-0.049409	0.023340	-0.021197	0.026123	-0.004506	-0.024404
	-0.010820	0.022507	0.006433	0.013956	-0.010039	-0.020118
	-0.002053	0.028095	-0.014992	0.028270	0.016255	0.000367
	-0.010696	0.006861	-0.014762	0.014572	0.009882	-0.005880
	-0.022878					
y372	-0.012516	0.001901	-0.007962	-0.014680	0.015162	0.002751
	0.011948	0.020017	0.024257	0.008162	0.029421	-0.004736
	0.013837	0.005616	0.005828	0.031095	-0.034975	-0.015609
	-0.006126	-0.004124	-0.010989	-0.004356	-0.026277	-0.017149
	0.021671	0.019756	0.012131	0.009056	0.012515	0.012919
	-0.015133					
z372	-0.001869	0.006146	-0.021932	-0.025863	0.019797	-0.005859
	-0.003572	-0.006629	0.013988	-0.012003	-0.015072	-0.010812
	-0.013369	-0.009617	-0.020650	0.031302	-0.016884	-0.001815
	-0.000234	0.001333	-0.013706	0.006248	-0.020818	-0.020245
	0.025777	0.009727	0.005356	-0.013863	0.013863	0.020723
	-0.005204					
x373	0.020393	0.002767	0.016211	-0.011777	0.001652	0.021702
	-0.047360	0.025874	-0.022536	0.025193	-0.006332	-0.027281
	-0.012131	0.021177	0.000360	0.013467	-0.016700	-0.025259
	-0.004172	0.032393	-0.022149	0.034224	0.015589	0.003876
	-0.007078	0.007777	-0.004106	0.013958	0.013128	-0.002623
	-0.019315					

y373	-0.011944	0.000489	-0.005333	-0.015239	0.017828	-0.004440
	0.008646	0.020749	0.026568	0.009459	0.030516	-0.002486
	0.009026	0.008244	0.005115	0.030782	-0.038112	-0.017650
	-0.013664	0.001979	-0.011408	-0.009217	-0.026910	-0.008896
	0.023706	0.022494	0.016925	0.010029	0.001070	0.012421
	-0.013253					
z373	-0.001259	0.002355	-0.017145	-0.025866	0.021196	-0.009462
	-0.004418	-0.010769	0.015591	-0.013206	-0.014851	-0.007952
	-0.011362	-0.001949	-0.033998	0.027820	-0.012284	0.001474
	-0.002033	0.003229	-0.002479	0.009627	-0.013582	-0.019072
	0.037106	0.015590	-0.010868	-0.017923	0.014988	0.032784
	0.005645					
x374	0.022096	0.001511	0.016104	-0.015127	0.006980	0.016847
	-0.046557	0.026256	-0.023222	0.023722	-0.008493	-0.027723
	-0.015367	0.018755	-0.003818	0.013321	-0.021517	-0.028896
	-0.007104	0.036210	-0.024237	0.037260	0.014645	0.008321
	-0.003419	0.007504	0.001859	0.012749	0.012710	-0.000153
	-0.013216					
y374	-0.012177	-0.000874	-0.004742	-0.015200	0.019199	-0.006941
	0.009750	0.022796	0.028596	0.011205	0.031351	-0.000952
	0.009193	0.011936	0.002789	0.026148	-0.038737	-0.014380
	-0.014438	0.010450	-0.015133	-0.014381	-0.021768	-0.005002
	0.022996	0.021735	0.026816	0.010167	-0.002920	0.009242
	-0.022505					
z374	-0.001108	-0.001420	-0.012929	-0.025584	0.022007	-0.013030
	-0.005724	-0.014605	0.017300	-0.013704	-0.014358	-0.005683
	-0.009507	0.005727	-0.041886	0.025130	-0.008412	0.005877
	-0.003260	0.005673	0.005014	0.010779	-0.008186	-0.017710
	0.042669	0.020814	-0.020979	-0.018507	0.014602	0.040557
	0.012176					
x375	0.023479	-0.000094	0.015746	-0.017401	0.011776	0.012554
	-0.045512	0.025797	-0.023781	0.022929	-0.010772	-0.026821
	-0.016954	0.016161	-0.007115	0.011273	-0.024934	-0.029179
	-0.008888	0.040410	-0.025004	0.036242	0.016741	0.012343
	-0.002561	0.006305	0.008806	0.009504	0.010795	-0.000265
	-0.010890					
y375	-0.013045	-0.001409	-0.005672	-0.016222	0.019633	-0.006542
	0.010765	0.024841	0.031052	0.010170	0.029916	-0.000979
	0.007430	0.013113	0.002443	0.022166	-0.036298	-0.010977
	-0.011780	0.017945	-0.015562	-0.014984	-0.018431	-0.002760
	0.023505	0.017877	0.032433	0.015472	-0.000726	0.004252
	-0.033155					

z375	-0.001334	-0.005121	-0.010130	-0.025507	0.022239	-0.015340
	-0.006538	-0.017611	0.019105	-0.014454	-0.013991	-0.004160
	-0.007732	0.012437	-0.045824	0.020885	-0.003872	0.010329
	-0.002490	0.008852	0.008566	0.011944	-0.003990	-0.017830
	0.042851	0.023408	-0.025044	-0.015922	0.015105	0.042998
	0.013465					
x376	0.024503	-0.002313	0.014512	-0.019085	0.016114	0.009135
	-0.044802	0.024616	-0.023693	0.021459	-0.013030	-0.025194
	-0.018256	0.013667	-0.008738	0.006546	-0.025154	-0.027007
	-0.009014	0.045227	-0.024821	0.033194	0.020364	0.014658
	-0.003626	0.005072	0.015568	0.006629	0.009607	-0.003813
	-0.012942					
y376	-0.014045	-0.000097	-0.007376	-0.016962	0.019218	-0.006035
	0.012440	0.026796	0.033691	0.008831	0.028467	-0.001908
	0.005450	0.009102	0.002140	0.020338	-0.035958	-0.006638
	-0.007107	0.024238	-0.013703	-0.015622	-0.018404	0.000677
	0.027656	0.010041	0.037902	0.021770	0.000426	-0.001084
	-0.035864					
z376	-0.002202	-0.008518	-0.009144	-0.025420	0.021860	-0.015863
	-0.007634	-0.019788	0.020954	-0.016027	-0.013881	-0.004365
	-0.007326	0.015954	-0.045964	0.015174	0.001282	0.016237
	0.000238	0.012573	0.009270	0.013836	-0.002982	-0.020007
	0.041460	0.022127	-0.023407	-0.008890	0.017162	0.037845
	0.011836					
x377	0.024767	-0.005132	0.011772	-0.019012	0.019534	0.006161
	-0.044339	0.022467	-0.022321	0.018366	-0.015117	-0.023959
	-0.020572	0.008448	-0.010633	-0.001830	-0.020276	-0.020291
	-0.007517	0.053534	-0.021795	0.027918	0.021654	0.014376
	-0.000052	0.003898	0.022279	0.004089	0.006738	-0.010692
	-0.019680					
y377	-0.014483	0.002657	-0.010891	-0.019058	0.018312	-0.006983
	0.016310	0.026072	0.036402	0.009375	0.029434	0.000509
	0.008840	0.008263	0.001957	0.021011	-0.039713	-0.007102
	-0.005603	0.021871	-0.011053	-0.020650	-0.015512	0.009555
	0.022210	0.004390	0.038469	0.020132	-0.003819	0.001168
	-0.030553					
z377	-0.004280	-0.011067	-0.011147	-0.025634	0.020495	-0.013671
	-0.010473	-0.021868	0.022174	-0.016368	-0.011307	-0.007095
	-0.008409	0.019036	-0.042905	0.006598	0.003790	0.021687
	0.002951	0.014232	0.004727	0.013672	-0.004537	-0.021673
	0.036212	0.020272	-0.016853	-0.001651	0.016164	0.026911
	0.008367					

x378	0.024102	-0.008298	0.007059	-0.018069	0.021705	0.003644
	-0.043355	0.018504	-0.020037	0.014254	-0.015636	-0.022039
	-0.021158	0.001876	-0.013397	-0.014681	-0.011744	-0.010540
	-0.006309	0.060493	-0.017120	0.018279	0.022233	0.015678
	0.003892	0.005413	0.026017	0.000290	0.000254	-0.018110
	-0.027099					
y378	-0.013582	0.006206	-0.013162	-0.020719	0.015792	-0.010703
	0.026474	0.023202	0.039409	0.010416	0.029314	0.007974
	0.020535	0.005354	0.001616	0.030583	-0.039428	-0.009135
	-0.004695	0.015521	-0.007311	-0.025141	-0.008241	0.021499
	0.011055	-0.004540	0.027882	0.017836	-0.002558	0.010829
	-0.019495					
z378	-0.006274	-0.013022	-0.014813	-0.025541	0.017182	-0.012720
	-0.010027	-0.025783	0.023061	-0.014538	-0.005445	-0.009352
	-0.004266	0.020407	-0.037769	0.001819	0.007375	0.025729
	0.002648	0.013129	-0.005076	0.011574	-0.006691	-0.020454
	0.022188	0.017329	-0.011518	0.007186	0.013984	0.015296
	0.005628					
x379	0.024040	-0.011515	0.005024	-0.017677	0.022906	0.000257
	-0.041056	0.014609	-0.017320	0.012727	-0.018897	-0.017453
	-0.019323	-0.006769	-0.011322	-0.022954	-0.002588	-0.003260
	-0.007474	0.060904	-0.013209	0.010697	0.025640	0.018328
	0.003783	-0.001480	0.027781	-0.004926	-0.002549	-0.019234
	-0.032672					
y379	-0.013176	0.010770	-0.013394	-0.021872	0.011132	-0.010189
	0.032766	0.023270	0.041153	0.011869	0.025868	0.013790
	0.027266	0.002312	0.002846	0.036445	-0.041688	-0.016066
	0.001013	0.009486	-0.005635	-0.029914	-0.004327	0.027671
	0.007143	-0.017217	0.022718	0.018223	0.007006	0.024471
	-0.009740					
z379	-0.005728	-0.014084	-0.014052	-0.029552	0.014393	-0.016931
	-0.006113	-0.026613	0.025541	-0.008181	-0.004361	-0.008846
	0.001708	0.021954	-0.023079	0.007801	0.005554	0.018822
	0.000519	0.006836	-0.019288	0.012460	-0.005333	-0.021017
	-0.001456	0.001018	-0.006045	0.011150	0.015450	0.013758
	-0.001538					
x380	-0.009454	0.017062	-0.050747	0.029151	-0.014038	-0.010604
	0.014697	0.010593	-0.031015	-0.032387	-0.029310	0.000402
	0.001752	0.005881	-0.012864	-0.044573	0.040859	0.036609
	-0.059947	0.044209	-0.040019	0.003215	-0.083923	-0.123304
	0.017922	-0.083547	0.067004	0.054528	0.005025	0.014365
	-0.022247					

y380	-0.018978	0.005687	-0.007105	-0.075291	-0.001628	0.019377
	-0.025189	0.059030	-0.051842	-0.003027	0.019284	-0.019465
	-0.018218	0.039621	0.068344	-0.032805	-0.107555	-0.014605
	0.048408	-0.068767	0.010678	-0.022584	0.029905	0.047091
	-0.067961	0.021407	0.018312	-0.044292	-0.070703	0.034801
	0.054575					
z380	-0.017151	-0.027328	-0.008789	0.010981	-0.022649	0.044720
	-0.013651	-0.032796	0.056151	0.034332	0.027558	-0.020660
	0.007868	-0.067440	0.006474	-0.071281	0.014551	0.004929
	0.015605	0.019678	-0.110892	0.017302	-0.036522	0.065578
	0.119102	0.118472	-0.017799	-0.056011	-0.072997	-0.073750
	-0.072369					
x381	-0.002400	0.009716	-0.038516	0.029704	0.000503	-0.020678
	0.008254	0.014528	-0.023826	-0.034547	-0.012474	0.010266
	0.007801	0.001974	-0.002431	0.003114	0.041646	0.054977
	-0.071577	-0.010101	-0.010200	0.009567	-0.025199	-0.095558
	-0.001246	-0.065979	0.055692	0.051504	-0.010543	0.012997
	0.014797					
y381	-0.033300	0.018692	-0.017449	-0.069093	-0.088869	0.065811
	-0.084304	0.048085	-0.090111	0.040298	0.019693	-0.087397
	-0.106429	0.030698	-0.021931	-0.175188	-0.136994	-0.069660
	0.142587	0.010771	0.042427	-0.189621	-0.106228	-0.066523
	0.049098	0.065415	0.060843	-0.129043	-0.085145	-0.041452
	-0.071720					
z381	-0.013380	-0.030749	-0.012336	0.008441	-0.007126	0.014954
	-0.011990	-0.035597	0.050722	-0.000847	0.027003	0.021933
	0.023653	-0.054432	0.026341	-0.015527	0.004220	0.026980
	0.001319	-0.014469	-0.127492	0.046440	0.033106	0.088347
	0.085740	0.050761	-0.079114	-0.025768	-0.063983	-0.005444
	0.002096					
x382	-0.004330	0.006080	-0.034479	0.037420	-0.018373	-0.005346
	-0.012200	0.038257	-0.028702	-0.027507	0.019198	-0.011952
	-0.006149	-0.001420	-0.014697	-0.030721	0.014183	0.063276
	-0.068456	-0.037270	0.005131	-0.019854	-0.014755	-0.081720
	0.013125	-0.034800	0.058889	0.021267	-0.012093	-0.012115
	0.004267					
y382	-0.001920	0.004859	0.018822	-0.073821	-0.000800	0.032493
	0.019549	0.010341	-0.072247	-0.051283	0.000865	-0.024273
	-0.004228	0.065051	0.003156	-0.040906	-0.092743	-0.001767
	0.059596	0.020166	-0.034368	-0.063613	0.030204	0.000527
	-0.005539	-0.046720	0.014340	0.019307	-0.055424	0.060581
	0.017125					

z382	-0.017133	-0.029693	-0.025889	-0.009254	-0.031175	0.012408
	-0.056235	-0.030757	0.022607	-0.005804	0.054154	0.019071
	-0.001087	-0.032962	0.015466	-0.046821	-0.034506	0.013174
	-0.015236	-0.029877	-0.091637	0.006499	0.015601	0.063434
	0.115599	0.047498	-0.075762	-0.060115	-0.027384	0.015183
	-0.007446					
x383	-0.002942	0.001320	-0.028291	0.043595	-0.022668	-0.003383
	-0.025589	0.031133	-0.019388	-0.028280	0.034300	-0.007799
	0.008385	-0.016887	-0.001414	-0.028141	-0.002414	0.076463
	-0.074679	-0.047464	0.032495	-0.007634	-0.005552	-0.063381
	0.025747	-0.021807	0.047893	0.003231	-0.022045	-0.024755
	0.006300					
y383	0.000963	-0.000642	0.024222	-0.077382	0.010644	0.027064
	0.014479	-0.021350	-0.073495	-0.053617	0.008601	-0.024845
	-0.011523	0.068241	0.002002	-0.022425	-0.092663	-0.020810
	0.039604	0.039526	-0.022429	-0.048180	0.056374	-0.002993
	0.021620	-0.033978	0.017336	0.012616	-0.057468	0.049365
	0.005229					
z383	-0.018943	-0.021920	-0.030043	-0.007046	-0.037510	0.000711
	-0.059404	-0.017058	0.026074	-0.018251	0.048124	0.047881
	0.004693	-0.046512	0.001589	-0.062162	-0.051974	0.014507
	-0.009045	-0.048722	-0.101204	-0.000746	0.013996	0.069841
	0.084938	0.017090	-0.098417	-0.043665	-0.007908	0.022830
	-0.026605					
x384	0.002046	-0.008284	-0.020236	0.038749	-0.028117	-0.001701
	-0.039631	0.022579	-0.016343	-0.024009	0.033466	-0.000201
	0.025753	-0.027290	-0.009627	-0.020944	-0.008014	0.092471
	-0.070972	-0.062756	0.060430	-0.019993	-0.001424	-0.049265
	0.048132	0.016864	0.038809	0.008373	0.006050	-0.016434
	-0.014580					
y384	-0.000621	0.004681	0.028643	-0.078317	0.017332	0.028398
	0.009292	-0.029731	-0.058522	-0.038448	0.005753	-0.013068
	-0.040025	0.072825	-0.010679	-0.014204	-0.056043	-0.025286
	0.051106	0.033152	-0.019682	-0.030935	0.056634	-0.019085
	0.029845	0.022300	-0.011553	0.052772	-0.029318	0.037658
	-0.035638					
z384	-0.010288	-0.027163	-0.036378	0.008037	-0.045576	-0.019366
	-0.069677	-0.022678	0.011811	-0.037170	0.048161	0.053126
	0.016379	-0.051044	0.014138	-0.060649	-0.057926	0.026411
	-0.042315	-0.052682	-0.073132	-0.036148	0.019544	0.063770
	0.082685	-0.023236	-0.100244	-0.046197	-0.015976	0.031386
	-0.032135					

x385	0.006037	-0.011744	-0.012702	0.026826	-0.030475	0.003516
	-0.036449	0.004244	-0.022890	-0.034340	0.039165	0.006809
	0.035444	-0.018053	-0.013786	-0.000807	-0.005189	0.082012
	-0.069539	-0.057382	0.045807	-0.020725	0.002943	-0.032563
	0.071939	0.008189	0.028403	0.006971	-0.003561	-0.035104
	-0.014287					
y385	-0.003656	0.010010	0.000945	-0.054487	0.029726	0.011743
	-0.049627	-0.013831	-0.008477	0.015950	-0.014196	-0.000141
	-0.025494	0.038791	0.013036	-0.010564	-0.007992	-0.038110
	0.034729	0.002353	0.005675	-0.054382	0.061578	-0.056658
	0.010095	0.056993	-0.042979	0.033489	-0.077378	-0.031200
	-0.001311					
z385	-0.010882	-0.025779	-0.029923	0.006767	-0.047178	-0.021651
	-0.045902	-0.038574	-0.007721	-0.057748	0.054737	0.047321
	0.006158	-0.027676	0.010271	-0.057759	-0.054743	0.029277
	-0.055807	-0.033445	-0.079407	-0.025090	0.006589	0.047885
	0.086561	-0.054731	-0.086974	-0.021579	0.012800	0.073803
	-0.038323					
x386	0.009149	-0.017264	-0.012578	0.012935	-0.037039	0.009846
	-0.033594	-0.002236	-0.022345	-0.040152	0.041895	0.006533
	0.043982	-0.026610	-0.008938	0.020590	0.003342	0.085840
	-0.057042	-0.062047	0.025237	-0.022941	-0.003301	-0.009665
	0.071243	-0.005520	0.009266	-0.011127	0.011491	-0.028936
	-0.042653					
y386	-0.000138	0.006785	-0.000373	-0.055193	0.028452	0.004211
	-0.031959	-0.017343	-0.009025	0.013798	-0.009624	-0.006177
	-0.027937	0.012995	0.028444	-0.008870	0.013285	0.000847
	0.055340	0.013911	-0.030471	-0.073844	0.032057	-0.059438
	0.005950	0.043965	-0.039801	0.012518	-0.033060	-0.017451
	-0.039854					
z386	-0.012793	-0.018264	-0.036143	0.015430	-0.031347	-0.017487
	-0.051762	-0.051619	-0.006558	-0.036262	0.059441	0.039474
	0.005263	0.009302	0.006624	-0.057516	-0.061482	0.000127
	-0.064682	-0.022053	-0.063647	-0.016453	0.031086	0.030277
	0.042992	-0.072442	-0.044195	0.018676	0.032840	0.073162
	0.010030					
x387	0.012588	-0.017481	-0.014529	0.004570	-0.047586	0.009084
	-0.029250	-0.004363	-0.026031	-0.054548	0.040464	0.009757
	0.060026	-0.020406	-0.031330	0.027055	-0.005548	0.072717
	-0.068180	-0.046630	0.026751	-0.010562	0.016884	0.007739
	0.053345	-0.004624	0.020521	-0.021700	0.012090	-0.017557
	-0.067801					

y387	0.001729	0.008359	-0.003240	-0.043491	0.019252	0.000332
	-0.025807	-0.018822	-0.008705	0.016766	-0.003986	-0.009066
	-0.018070	-0.003546	0.021948	-0.012190	0.024476	0.009846
	0.038831	0.042135	-0.050351	-0.083875	0.029400	-0.023385
	-0.020372	0.041164	-0.040169	0.016006	-0.034403	0.022241
	-0.065087					
z387	-0.014904	-0.013393	-0.034987	0.021220	-0.012643	-0.021265
	-0.040530	-0.059744	0.003166	-0.022215	0.047240	0.033862
	-0.017813	0.026388	0.007482	-0.056949	-0.045141	0.001300
	-0.055234	-0.045941	-0.046327	-0.023385	0.016602	-0.014378
	0.027714	-0.078567	-0.011462	0.029722	0.066045	0.050344
	0.032096					
x388	0.015143	-0.015530	-0.014941	-0.005087	-0.055668	0.008106
	-0.018287	-0.011145	-0.026648	-0.068667	0.033873	0.016381
	0.073948	-0.004365	-0.045576	0.030675	-0.020893	0.053510
	-0.068883	-0.030890	0.048455	0.016239	0.025293	-0.000237
	0.047593	0.002506	0.010863	-0.029551	-0.000020	-0.023930
	-0.066807					
y388	0.005876	0.009368	-0.000815	-0.036329	0.007150	0.000692
	-0.024834	-0.025012	-0.006314	0.014132	0.005898	-0.015608
	-0.006830	0.004536	0.007444	-0.017788	0.027173	0.027565
	0.021941	0.018736	-0.017224	-0.052897	0.018540	0.004334
	0.004013	0.034352	-0.035190	0.026501	-0.039122	0.066074
	-0.055399					
z388	-0.014591	-0.008364	-0.028371	0.025446	0.001773	-0.026093
	-0.033367	-0.060237	0.008120	-0.000442	0.017687	0.041306
	-0.056604	0.017852	0.004525	-0.054239	-0.004672	-0.019182
	-0.034775	-0.031482	-0.060734	-0.039863	0.021151	-0.002372
	-0.011756	-0.041499	0.021048	0.032217	0.052999	0.031341
	-0.012135					
x389	0.018196	-0.013175	-0.015396	-0.020985	-0.063067	0.008405
	-0.007021	-0.021433	-0.029533	-0.084562	0.018357	0.023893
	0.085453	0.011750	-0.057926	0.045621	-0.018706	0.027566
	-0.075774	-0.017531	0.054329	0.036034	0.026824	-0.000593
	0.038018	0.002398	0.003025	-0.032149	-0.015331	-0.017989
	-0.082069					
y389	0.010603	0.011279	0.005437	-0.021358	0.008090	0.005226
	-0.021160	-0.026790	-0.004295	0.024965	0.000166	-0.013272
	-0.011118	0.007308	0.017522	-0.019995	0.048793	0.029665
	0.029471	0.024184	-0.008999	-0.049574	0.012020	0.010730
	-0.031567	0.061168	-0.007274	0.038062	-0.030790	0.083762
	-0.064144					

z389	-0.014052	-0.001505	-0.020825	0.023018	0.022139	-0.032191
	-0.019900	-0.063928	0.020018	0.021730	-0.000930	0.034928
	-0.074866	0.019765	0.007534	-0.054044	0.028944	-0.031541
	-0.027259	-0.031203	-0.060721	-0.027947	0.021961	0.012308
	-0.049542	-0.013402	0.047846	0.035368	0.042230	0.018889
	-0.019863					
x390	0.016443	-0.009131	-0.010349	-0.015495	-0.058430	0.003738
	-0.003319	-0.015298	-0.031575	-0.077110	0.016394	0.010272
	0.082614	0.004695	-0.059586	0.047402	-0.021591	0.032904
	-0.055600	-0.019581	0.044936	0.047502	0.027200	0.004043
	0.016014	-0.005831	0.003134	-0.021919	-0.033159	-0.029915
	-0.070691					
y390	0.014450	0.007391	0.009200	-0.027144	0.003620	0.004611
	-0.022861	-0.021713	-0.003509	0.024817	-0.002783	-0.019643
	-0.000836	0.013256	0.003167	-0.006203	0.048741	0.031959
	0.016247	0.019040	-0.002334	-0.038749	0.009654	0.006193
	-0.037525	0.066747	-0.009345	0.036417	-0.000544	0.079734
	-0.057922					
z390	-0.011674	0.004433	-0.023493	0.022148	0.021208	-0.026641
	-0.012604	-0.055537	0.022144	0.022890	-0.010764	0.030502
	-0.090278	0.018824	0.001567	-0.058732	0.028013	-0.042732
	-0.023985	-0.037170	-0.071653	-0.043361	0.027396	0.008264
	-0.045438	-0.007839	0.048318	0.036594	0.024039	0.023092
	-0.014471					
x391	0.014939	-0.005300	-0.006503	-0.009542	-0.054089	0.000204
	0.000162	-0.009178	-0.032038	-0.068280	0.012901	0.000672
	0.077465	-0.002426	-0.060535	0.048015	-0.023111	0.038332
	-0.037168	-0.019176	0.034767	0.055908	0.026917	0.004631
	0.001321	-0.012959	0.002219	-0.014727	-0.042837	-0.042070
	-0.062011					
y391	0.018844	0.005356	0.009917	-0.021522	0.001395	0.005930
	-0.017047	-0.019737	-0.003141	0.014387	-0.005185	-0.021284
	0.005822	0.010985	0.001407	-0.007223	0.040532	0.027379
	0.006474	0.017382	-0.009035	-0.051322	0.006612	0.026460
	-0.051612	0.066486	-0.004873	0.047615	-0.011144	0.059727
	-0.045744					
z391	-0.009585	0.008462	-0.025171	0.019305	0.019569	-0.021605
	-0.009428	-0.048877	0.024753	0.027384	-0.020973	0.025428
	-0.101551	0.016095	-0.005731	-0.057131	0.029633	-0.045582
	-0.021542	-0.039652	-0.075585	-0.050683	0.031176	-0.001686
	-0.032130	-0.007272	0.045158	0.031943	0.024797	0.029098
	-0.016837					

x392	0.012478	-0.002245	-0.003113	-0.002725	-0.050924	-0.001916
	0.004089	-0.003086	-0.030190	-0.061485	0.008304	-0.008181
	0.069596	-0.006969	-0.058548	0.049024	-0.024847	0.041072
	-0.023806	-0.016888	0.025045	0.059640	0.022530	0.006757
	-0.012678	-0.013530	-0.001519	-0.007577	-0.050119	-0.046988
	-0.050477					
y392	0.022362	0.003024	0.008911	-0.020394	0.001873	0.004559
	-0.018595	-0.014800	-0.001445	0.014146	-0.004736	-0.022224
	0.008925	0.002099	-0.007515	-0.007145	0.039473	0.025587
	0.002059	0.009411	-0.016319	-0.049566	0.005476	0.027423
	-0.050227	0.067829	-0.001404	0.035320	-0.007740	0.032002
	-0.036666					
z392	-0.008136	0.012581	-0.025080	0.017683	0.015638	-0.016120
	-0.003847	-0.044974	0.024764	0.026271	-0.026587	0.021686
	-0.106327	0.020087	-0.009985	-0.053292	0.028370	-0.051145
	-0.023950	-0.039056	-0.074359	-0.055861	0.031590	-0.004954
	-0.029563	-0.003534	0.041746	0.036794	0.020297	0.038695
	-0.014538					
x393	0.008962	0.000029	0.000525	0.004772	-0.048082	-0.004095
	0.007893	0.002842	-0.026954	-0.054172	0.002475	-0.013844
	0.059807	-0.010613	-0.054030	0.046866	-0.025315	0.042680
	-0.012865	-0.013563	0.012383	0.058075	0.015392	0.007372
	-0.018311	-0.013398	-0.007344	0.000703	-0.050821	-0.048593
	-0.038784					
y393	0.024712	0.000295	0.007709	-0.018349	0.001238	0.004420
	-0.017520	-0.013946	0.002427	0.011420	-0.006092	-0.026304
	0.011054	-0.000147	-0.013588	-0.005281	0.032714	0.023460
	-0.003107	0.008085	-0.014901	-0.041575	0.013097	0.028276
	-0.053910	0.068233	-0.002404	0.024088	-0.001209	0.009000
	-0.047156					
z393	-0.006486	0.016140	-0.024405	0.015221	0.011448	-0.013221
	-0.000672	-0.038868	0.022829	0.025400	-0.028484	0.019515
	-0.107203	0.018320	-0.014837	-0.048736	0.031494	-0.054017
	-0.024222	-0.039874	-0.072821	-0.060870	0.025257	-0.009106
	-0.022871	-0.000783	0.042590	0.042838	0.017874	0.041135
	-0.003333					
x394	0.004921	0.000739	0.003411	0.012255	-0.044992	-0.005688
	0.011234	0.008763	-0.021816	-0.046722	-0.003835	-0.017500
	0.045810	-0.012370	-0.049065	0.042338	-0.027408	0.040611
	-0.005834	-0.011344	-0.002428	0.054242	0.007417	0.008998
	-0.017192	-0.012714	-0.010844	0.009009	-0.048316	-0.050842
	-0.023809					

y394	0.027319	-0.000913	0.007808	-0.014144	-0.004207	0.004647
	-0.013932	-0.011374	0.008059	0.010183	-0.008617	-0.027640
	0.017378	-0.000424	-0.014656	-0.000116	0.026186	0.027034
	0.003751	0.009452	-0.008195	-0.026149	0.012890	0.029897
	-0.050022	0.063083	-0.008189	0.031959	0.006530	-0.004806
	-0.048532					
z394	-0.005437	0.017254	-0.023670	0.010999	0.012280	-0.011507
	0.001673	-0.033354	0.019936	0.026463	-0.026665	0.015983
	-0.108644	0.016428	-0.022101	-0.045201	0.033244	-0.058252
	-0.034100	-0.039156	-0.072426	-0.069188	0.026384	-0.011381
	-0.025534	0.006055	0.043164	0.036180	0.013037	0.038328
	-0.003005					
x395	0.000108	0.001513	0.005106	0.019890	-0.042559	-0.005862
	0.014821	0.013636	-0.015490	-0.040442	-0.010684	-0.017631
	0.031638	-0.012318	-0.041626	0.034793	-0.028528	0.038399
	0.001198	-0.008321	-0.016965	0.045737	-0.002690	0.008534
	-0.011938	-0.007594	-0.020995	0.014224	-0.039225	-0.051651
	-0.013315					
y395	0.030456	-0.003519	0.008467	-0.009035	-0.006766	0.003949
	-0.010598	-0.005655	0.015919	0.012117	-0.009926	-0.030399
	0.014974	-0.003642	-0.016099	0.004701	0.021967	0.027707
	0.002946	0.016170	-0.007527	-0.014091	0.008999	0.036195
	-0.042912	0.050041	-0.002012	0.038166	0.009816	-0.018108
	-0.027980					
z395	-0.004837	0.019802	-0.022553	0.006534	0.010137	-0.009978
	0.003333	-0.030406	0.014204	0.024272	-0.022277	0.015619
	-0.098167	0.016205	-0.026821	-0.041001	0.034607	-0.055396
	-0.038786	-0.040571	-0.064382	-0.072064	0.028152	-0.016024
	-0.031535	0.013003	0.036681	0.027485	0.014725	0.033733
	-0.008102					
x396	-0.004431	0.001164	0.005760	0.027875	-0.039283	-0.005205
	0.018134	0.019568	-0.005495	-0.032269	-0.019199	-0.016503
	0.012406	-0.010732	-0.034636	0.024938	-0.027797	0.033094
	0.004817	0.001458	-0.034062	0.034972	-0.013685	0.008180
	-0.001959	-0.004331	-0.029942	0.017971	-0.025210	-0.054760
	-0.007807					
y396	0.030996	-0.004218	0.008888	-0.002068	-0.009043	0.005185
	-0.007459	-0.003737	0.020012	0.012232	-0.009068	-0.029887
	0.012367	-0.007304	-0.012705	0.005031	0.016915	0.028829
	0.003249	0.018066	-0.005417	-0.013260	0.003783	0.031569
	-0.036448	0.047487	-0.005938	0.039251	0.020345	-0.023370
	-0.014304					

z396	-0.003539	0.019769	-0.021618	0.001887	0.007975	-0.010327
	0.004208	-0.026303	0.009746	0.022531	-0.015453	0.012379
	-0.087154	0.014478	-0.036246	-0.031266	0.036725	-0.052855
	-0.043692	-0.039037	-0.051883	-0.065975	0.027431	-0.017290
	-0.033601	0.011400	0.038067	0.026571	0.016187	0.021783
	-0.006074					
x397	-0.009035	0.001462	0.007179	0.035946	-0.038368	-0.004432
	0.021146	0.024297	0.003668	-0.026197	-0.029986	-0.014830
	-0.004529	-0.009825	-0.023469	0.013773	-0.028662	0.029868
	0.007515	0.007560	-0.046255	0.021462	-0.030715	0.005223
	0.010970	0.001861	-0.037258	0.021217	-0.004193	-0.051069
	0.006433					
y397	0.029401	-0.007298	0.006818	0.006035	-0.010305	0.008338
	-0.004214	-0.000655	0.028970	0.017360	-0.008089	-0.026628
	0.002445	-0.005240	-0.010559	-0.001772	0.011831	0.024429
	0.000916	0.028276	-0.014880	-0.013201	0.003890	0.032522
	-0.022115	0.045067	-0.020096	0.041919	0.027183	-0.031880
	-0.027356					
z397	-0.002274	0.021194	-0.019084	-0.003032	0.003863	-0.012221
	0.003329	-0.024944	0.001007	0.018900	-0.006148	0.011164
	-0.066755	0.014445	-0.042797	-0.023387	0.035070	-0.045028
	-0.046752	-0.042293	-0.033898	-0.056401	0.025709	-0.018568
	-0.041037	0.014334	0.036649	0.022722	0.020045	0.013716
	-0.002246					
x398	-0.014614	0.001516	0.007548	0.046413	-0.037538	-0.003381
	0.025938	0.028234	0.014752	-0.018816	-0.038223	-0.006325
	-0.024058	-0.005423	-0.011950	0.002256	-0.030592	0.028735
	0.008809	0.016511	-0.060168	0.008826	-0.045528	0.000752
	0.029251	0.004369	-0.050177	0.027445	0.017515	-0.047257
	0.019127					
y398	0.027972	-0.011178	0.004740	0.012346	-0.013656	0.012614
	-0.002917	0.004874	0.038055	0.018848	-0.013608	-0.027923
	-0.009159	-0.005611	-0.003060	-0.011059	0.010069	0.013954
	0.003467	0.040591	-0.019782	-0.013257	-0.002415	0.028166
	-0.003595	0.041347	-0.023494	0.045933	0.042886	-0.038180
	-0.024626					
z398	-0.001625	0.021877	-0.016350	-0.006535	-0.000022	-0.015984
	0.001444	-0.024337	-0.008921	0.015259	0.008644	0.012432
	-0.042930	0.015133	-0.052091	-0.015442	0.035035	-0.033043
	-0.053454	-0.042870	-0.014448	-0.044297	0.022102	-0.017755
	-0.046594	0.018886	0.034628	0.016119	0.021924	0.005167
	-0.002055					

x399	-0.022381	0.004761	0.009709	0.044709	-0.029430	-0.001124
	0.023373	0.028323	0.013456	-0.026225	-0.029803	0.003762
	-0.028413	0.012677	-0.006399	0.004604	-0.031908	0.018870
	0.003060	0.002839	-0.052437	0.017680	-0.034095	-0.008629
	0.015011	0.018758	-0.039847	0.023474	0.009072	-0.033030
	0.043842					
y399	0.026507	-0.014354	0.001159	0.016850	-0.012699	0.012766
	-0.002903	0.005984	0.036795	0.014853	-0.014206	-0.017287
	-0.022605	0.001803	0.002405	-0.009158	-0.000911	0.012896
	0.003048	0.032951	-0.013473	0.000197	0.010524	0.025764
	0.002804	0.026109	-0.030989	0.025942	0.028179	-0.035786
	-0.017223					
z399	-0.002861	0.021324	-0.014246	0.000085	-0.009761	-0.005074
	0.004882	-0.017109	-0.006132	0.018017	0.010597	0.007817
	-0.031736	0.014550	-0.043438	-0.022712	0.026283	-0.025146
	-0.054868	-0.015116	-0.003346	-0.036239	0.016504	-0.010246
	-0.037378	0.025807	0.021468	0.017817	0.021157	-0.001996
	0.007421					
x400	-0.029285	0.007054	0.011518	0.044651	-0.022319	0.000809
	0.024793	0.027629	0.010338	-0.027119	-0.026717	0.015280
	-0.030360	0.021500	-0.003246	0.006249	-0.033911	0.016362
	-0.007221	-0.014323	-0.047991	0.019467	-0.018810	-0.016067
	0.002205	0.027216	-0.042195	0.004220	-0.002522	-0.025972
	0.043597					
y400	0.023879	-0.016843	-0.002745	0.018122	-0.010861	0.014328
	-0.007853	0.005867	0.038444	0.006294	-0.007425	-0.013272
	-0.030596	0.014121	0.006993	-0.009703	-0.005877	0.008732
	0.005298	0.026490	-0.010503	0.015855	0.019618	0.019961
	0.010355	0.018215	-0.021892	0.025474	0.024163	-0.022190
	0.005230					
z400	-0.003773	0.020180	-0.010592	0.009151	-0.016193	0.003625
	0.006477	-0.011343	-0.002898	0.021897	0.008552	0.007145
	-0.023867	0.014889	-0.038223	-0.032424	0.021011	-0.008229
	-0.059057	0.001390	0.004255	-0.035113	0.014105	-0.003017
	-0.021468	0.034511	-0.002484	0.002595	0.024501	-0.002502
	-0.005264					
x401	-0.031979	0.008554	0.012821	0.038915	-0.017405	0.000252
	0.024237	0.031128	0.006939	-0.030558	-0.024587	0.018219
	-0.026533	0.021476	0.003460	0.010017	-0.031453	0.008968
	-0.004334	-0.015947	-0.031014	0.012669	-0.021292	-0.021744
	-0.008813	0.033543	-0.028885	0.005920	-0.008028	-0.021504
	0.077692					

y401	0.018858	-0.018782	-0.006996	0.021331	-0.007590	0.018859
	-0.012535	0.002237	0.037565	0.000163	-0.001600	-0.006737
	-0.037950	0.027270	0.007228	-0.010773	-0.010247	0.008506
	-0.004948	0.005268	-0.020485	0.030285	0.037926	0.012059
	0.015127	0.007124	-0.016275	0.013661	0.022758	-0.012927
	-0.008027					
z401	-0.002198	0.018650	-0.005934	0.012826	-0.019661	0.008384
	0.001316	-0.003754	-0.002710	0.020837	0.002948	0.005114
	-0.017487	0.013070	-0.034794	-0.038939	0.014230	0.007426
	-0.046139	0.018569	0.030874	-0.036064	0.007460	0.004345
	-0.011184	0.048471	-0.012292	0.005924	0.026190	-0.018368
	0.016654					
x402	-0.037767	0.011126	0.013657	0.040447	-0.014957	0.002231
	0.026303	0.031498	0.005736	-0.031127	-0.023703	0.023111
	-0.024241	0.019075	0.008858	0.012009	-0.030086	-0.000217
	0.000631	-0.021173	-0.031682	0.011855	-0.010878	-0.018676
	-0.017727	0.039955	-0.035730	0.015909	-0.026762	-0.012257
	0.085167					
y402	0.015782	-0.020628	-0.007555	0.023593	-0.002681	0.018764
	-0.012997	0.002599	0.037155	0.000405	-0.006213	0.001390
	-0.040075	0.028509	0.006066	-0.012586	-0.015205	0.011154
	0.005381	0.006239	-0.018272	0.036844	0.038880	0.008815
	0.008378	-0.000117	-0.020792	0.001349	0.013059	-0.012217
	0.005636					
z402	-0.004366	0.019469	-0.007773	0.019580	-0.025380	0.016530
	0.004493	-0.001002	0.001551	0.025934	0.005928	0.001869
	-0.009835	0.008641	-0.025672	-0.040386	0.013056	0.009305
	-0.046357	0.030265	0.024292	-0.029295	0.003729	-0.000147
	-0.005569	0.037447	-0.016614	0.005297	0.021685	-0.017149
	0.008076					
x403	-0.040349	0.011578	0.014362	0.036256	-0.008159	0.001341
	0.025033	0.033201	0.004037	-0.026946	-0.024255	0.019433
	-0.031223	0.013552	0.008492	0.014577	-0.030472	-0.006712
	-0.003096	-0.020838	-0.024622	0.002528	-0.008109	-0.012311
	-0.021853	0.033225	-0.025742	0.017653	-0.036633	-0.008294
	0.089274					
y403	0.012246	-0.021338	-0.009006	0.025282	0.000313	0.020706
	-0.016583	0.002809	0.033776	-0.006100	-0.007277	0.006067
	-0.032843	0.029985	0.011743	-0.014493	-0.013164	0.008844
	0.007799	-0.004797	-0.024901	0.042795	0.036640	-0.001557
	0.003985	-0.005893	-0.009393	0.002398	0.010714	-0.007736
	0.013309					

z403	-0.003896	0.017814	-0.004843	0.023939	-0.024420	0.019432
	-0.000235	0.004895	0.003195	0.029008	0.002610	-0.000710
	-0.014332	0.011061	-0.023561	-0.040370	0.011656	0.015827
	-0.040297	0.038705	0.038985	-0.026886	-0.000398	0.000782
	0.000174	0.040360	-0.019279	0.001683	0.017131	-0.026327
	0.014887					
x404	-0.041720	0.016533	0.014349	0.033398	-0.007603	0.002701
	0.023008	0.027804	0.001152	-0.025638	-0.024822	0.018516
	-0.018239	0.011653	0.009922	0.009371	-0.022102	-0.007107
	-0.006393	-0.024746	-0.022958	-0.004562	-0.007474	-0.024321
	-0.023186	0.028221	-0.018435	0.028660	-0.036759	-0.006085
	0.081620					
y404	0.008346	-0.022962	-0.010131	0.025771	0.006861	0.019329
	-0.021086	0.004046	0.028357	-0.010543	-0.009500	0.004926
	-0.033591	0.028361	0.012809	-0.010508	-0.009642	0.009209
	0.003821	-0.009826	-0.023717	0.043682	0.027026	-0.003343
	0.001638	-0.014007	0.002794	-0.003933	0.003311	-0.005816
	0.020538					
z404	-0.004932	0.018898	-0.005823	0.029972	-0.026128	0.022989
	-0.004646	0.004660	0.003865	0.031805	0.002438	-0.002303
	-0.008130	0.008894	-0.017627	-0.038889	0.016641	0.024349
	-0.042507	0.037082	0.040292	-0.023420	-0.007801	-0.012638
	0.005021	0.027503	-0.011862	-0.002039	0.020093	-0.017803
	-0.001106					
x405	-0.042929	0.020892	0.015073	0.030136	-0.003147	0.006489
	0.022257	0.029322	0.000080	-0.022494	-0.021393	0.021624
	-0.018592	0.010717	0.003039	0.012573	-0.018491	-0.000858
	-0.000903	-0.019851	-0.004438	-0.017752	0.002271	-0.022953
	-0.027234	0.031866	-0.012131	0.024970	-0.032186	-0.005077
	0.072231					
y405	0.003502	-0.021715	-0.013276	0.024607	0.012432	0.018637
	-0.022866	0.003236	0.021083	-0.017263	-0.008783	0.001137
	-0.027983	0.027895	0.014754	-0.008062	-0.001467	0.008859
	0.001780	-0.012318	-0.023666	0.039911	0.014894	-0.005029
	-0.002799	-0.017692	0.008756	-0.004313	-0.007555	-0.005994
	0.034326					
z405	-0.004431	0.019895	-0.004251	0.032774	-0.022113	0.022186
	-0.012895	0.005859	0.001714	0.033757	0.000751	-0.000762
	-0.015102	0.017721	-0.018555	-0.036856	0.015530	0.032961
	-0.035945	0.030289	0.053263	-0.023719	-0.009791	-0.014189
	0.001385	0.029746	-0.017430	-0.014546	0.017415	-0.020871
	0.000607					

x406	-0.040662	0.009363	0.015141	0.022131	0.005339	0.005515
	0.016627	0.024538	0.002476	-0.004915	-0.046557	0.011494
	0.012478	-0.029975	-0.013896	-0.012457	-0.025179	0.031961
	0.006617	-0.029845	0.008278	-0.046383	0.009899	-0.013164
	-0.022024	0.019669	0.024376	0.049288	-0.019439	0.006631
	0.053732					
y406	0.000647	-0.023100	-0.013210	0.021118	0.022448	0.015667
	-0.028521	0.001177	0.013145	-0.014938	-0.021999	-0.007648
	-0.008252	0.009997	0.013890	-0.009312	-0.000556	0.021732
	0.004324	-0.013279	-0.017768	0.024817	-0.002963	-0.010672
	-0.011671	-0.028076	0.029043	-0.000280	-0.023580	-0.003946
	0.041384					
z406	-0.001787	0.013821	-0.005680	0.031558	-0.011593	0.022188
	-0.025086	0.003023	0.003037	0.047142	-0.012031	-0.006055
	-0.003558	0.003111	-0.029599	-0.039142	0.006126	0.052169
	-0.028198	0.010908	0.055676	-0.040948	-0.006499	-0.025008
	0.000397	0.014274	0.006507	-0.018700	0.013519	-0.010365
	-0.018038					
x407	-0.042307	0.012452	0.013235	0.021615	-0.001320	0.011606
	0.018610	0.024344	0.000207	-0.003528	-0.035325	0.016700
	0.015742	-0.035730	-0.019755	-0.015112	-0.015650	0.024070
	0.013562	-0.032143	-0.000629	-0.047695	0.009118	-0.013075
	-0.029912	0.006871	0.017335	0.052135	-0.001808	0.015365
	0.016744					
y407	-0.006041	-0.017287	-0.014325	0.020368	0.027513	0.014594
	-0.027508	0.002856	0.000693	-0.019458	-0.017233	-0.012038
	-0.003272	0.008851	0.018657	0.000446	0.013991	0.012264
	0.000182	-0.009827	-0.024318	0.020151	-0.023970	-0.007416
	-0.024536	-0.030399	0.033375	-0.000011	-0.027897	-0.006730
	0.050942					
z407	-0.001875	0.017738	-0.007330	0.033183	-0.008044	0.020661
	-0.034876	-0.001025	-0.000536	0.050836	-0.012620	-0.001362
	-0.007185	0.011348	-0.025735	-0.034627	0.009100	0.057829
	-0.020834	-0.012173	0.054912	-0.039812	-0.006269	-0.038258
	-0.003284	0.002513	0.011003	-0.031219	0.013337	-0.001120
	-0.039071					
x408	-0.039916	0.014371	0.014035	0.020122	-0.003972	0.008048
	0.019015	0.023970	0.001054	-0.006843	-0.023838	0.018526
	0.004207	-0.024307	-0.018232	-0.010323	-0.009312	0.010502
	0.017119	-0.033031	-0.006934	-0.041616	0.013820	-0.001118
	-0.028494	0.014143	0.010740	0.051173	0.006425	0.007850
	0.012789					

y408	-0.012644	-0.014993	-0.010521	0.016234	0.026571	0.016194
	-0.015770	0.012322	-0.005867	-0.020402	-0.007633	-0.015646
	-0.003407	0.017607	0.019632	-0.002336	0.012255	0.005212
	0.000645	-0.010609	-0.033042	0.015015	-0.023773	-0.002225
	-0.031349	-0.033560	0.026227	0.023188	-0.010430	-0.020527
	0.037098					
z408	0.000758	0.019186	-0.006653	0.028351	-0.003205	0.018773
	-0.034186	0.004933	-0.000964	0.041625	-0.003849	0.003099
	-0.017606	0.017627	-0.025742	-0.029067	0.007805	0.045290
	-0.012438	-0.008997	0.061815	-0.035529	-0.012199	-0.035399
	-0.015554	0.020670	0.011133	-0.029764	0.009222	-0.015351
	-0.018656					
x409	-0.036456	0.015969	0.017183	0.020780	-0.001945	0.009610
	0.014404	0.018737	0.007189	-0.010102	-0.017329	0.024385
	-0.003442	-0.018049	-0.013453	-0.009983	-0.001014	0.001729
	0.020451	-0.030089	-0.010105	-0.042367	0.023623	-0.004264
	-0.016903	0.024937	0.003812	0.035156	0.003995	0.000244
	0.019909					
y409	-0.018171	-0.012406	-0.005691	0.013464	0.028139	0.019321
	-0.006542	0.015090	-0.009285	-0.019428	-0.002646	-0.014696
	-0.001436	0.019369	0.022986	-0.007399	0.012483	-0.001897
	0.000553	-0.009116	-0.039220	0.008817	-0.017323	-0.001401
	-0.023384	-0.024246	0.021927	0.032740	0.006400	-0.032669
	0.030593					
z409	0.002628	0.019776	-0.004806	0.025283	0.000259	0.016204
	-0.033364	0.009063	-0.001050	0.034985	0.002648	0.009739
	-0.028039	0.025689	-0.024867	-0.025323	0.008944	0.036048
	-0.007880	-0.005404	0.066271	-0.032857	-0.016309	-0.031444
	-0.020687	0.038474	0.002668	-0.031590	0.010375	-0.022623
	-0.013316					
x410	-0.033517	0.017671	0.016099	0.021729	-0.000472	0.009391
	0.009663	0.013196	0.012150	-0.011986	-0.012848	0.028089
	-0.004915	-0.013715	-0.015903	-0.005527	-0.000269	-0.004699
	0.019470	-0.032829	-0.011603	-0.035322	0.030459	0.002193
	-0.005720	0.020887	-0.001089	0.018195	-0.004096	0.000094
	0.021811					
y410	-0.023373	-0.010473	-0.004826	0.011576	0.030210	0.021805
	0.001324	0.014216	-0.010197	-0.019173	0.000713	-0.013194
	0.008308	0.019141	0.019445	-0.010325	0.006277	-0.003774
	-0.001695	-0.013867	-0.045786	0.009464	-0.006872	0.003243
	-0.016031	-0.026951	0.015367	0.033356	0.007897	-0.038112
	0.017314					

z410	0.002830	0.020110	-0.004938	0.024096	0.004645	0.016731
	-0.029478	0.008503	-0.000752	0.035484	0.011657	0.016001
	-0.033467	0.037611	-0.022586	-0.027132	0.005113	0.027194
	-0.019354	-0.008406	0.056016	-0.031652	-0.012519	-0.028567
	-0.027443	0.050266	-0.009253	-0.046325	0.006922	-0.009183
	-0.038602					
x411	-0.029551	0.019425	0.016253	0.022119	0.001188	0.007235
	0.004573	0.009243	0.015253	-0.011813	-0.009328	0.028700
	-0.013345	-0.010413	-0.015428	-0.000387	0.005579	-0.006453
	0.016457	-0.028077	-0.007755	-0.033305	0.027145	0.000604
	-0.001075	0.015343	-0.005216	0.002455	-0.008079	0.002074
	0.031766					
y411	-0.026804	-0.007895	-0.003498	0.009265	0.032634	0.021831
	0.008517	0.014612	-0.010601	-0.018592	0.003465	-0.015018
	0.008129	0.014701	0.019573	-0.009814	0.007190	-0.002703
	-0.003255	-0.009871	-0.046412	0.008121	-0.006331	-0.001309
	-0.012563	-0.036027	0.011050	0.031371	0.007000	-0.040222
	0.025789					
z411	0.004900	0.018504	-0.006863	0.019623	0.005666	0.015467
	-0.026436	0.015677	-0.001213	0.026488	0.018359	0.017289
	-0.038868	0.036559	-0.019015	-0.019726	0.013482	0.015518
	-0.014860	0.001485	0.058102	-0.028609	-0.021588	-0.033945
	-0.026397	0.050563	-0.002557	-0.028275	0.008287	-0.022108
	-0.020075					
x412	-0.025412	0.021792	0.017882	0.021917	0.002287	0.007536
	-0.002061	0.006481	0.017312	-0.010909	-0.007200	0.032550
	-0.019017	-0.004899	-0.012098	0.002220	0.008776	-0.009552
	0.016118	-0.024386	-0.004984	-0.032413	0.024585	0.003648
	0.000367	0.013651	-0.007321	-0.008165	-0.003076	0.005914
	0.034803					
y412	-0.029462	-0.003434	0.001083	0.005857	0.034497	0.024343
	0.013240	0.014222	-0.011786	-0.019120	0.001910	-0.010505
	0.007455	0.010303	0.029334	-0.011378	0.003830	-0.007994
	-0.003525	-0.007873	-0.047787	0.009117	-0.001198	-0.003638
	-0.012414	-0.044657	0.008835	0.023896	0.015186	-0.034967
	0.025828					
z412	0.006490	0.017027	-0.006847	0.015548	0.007884	0.015216
	-0.022806	0.020097	-0.001952	0.021457	0.023671	0.021845
	-0.041587	0.038988	-0.013761	-0.018927	0.014237	0.006503
	-0.013076	0.006010	0.054705	-0.026710	-0.024312	-0.034398
	-0.027871	0.050139	-0.002937	-0.018117	0.010399	-0.022609
	-0.012259					

x413	-0.020848	0.022267	0.017317	0.024498	0.001941	0.008105
	-0.008581	0.003463	0.021885	-0.008276	-0.004437	0.035068
	-0.024298	0.004571	-0.015806	0.005792	0.015760	-0.008308
	0.015286	-0.022104	-0.001420	-0.032292	0.015733	0.006021
	0.004510	0.013132	-0.010690	-0.010320	0.000339	0.010958
	0.036226					
y413	-0.031723	-0.000160	0.001221	0.006557	0.035409	0.026358
	0.019560	0.009253	-0.007737	-0.019639	0.006329	-0.004493
	0.002701	0.011364	0.028935	-0.007386	0.007002	-0.007224
	-0.003075	-0.004490	-0.047003	0.011138	-0.004530	-0.003239
	-0.005863	-0.050067	-0.000838	0.027323	0.012705	-0.023955
	0.033044					
z413	0.007442	0.013609	-0.007600	0.014985	0.008862	0.014698
	-0.017868	0.022805	-0.001035	0.016101	0.028401	0.026411
	-0.043166	0.039010	-0.008888	-0.016502	0.025626	-0.000951
	-0.017930	0.019316	0.052412	-0.024088	-0.030395	-0.037766
	-0.021448	0.044263	-0.004078	-0.002678	0.011389	-0.017570
	-0.009034					
x414	-0.015500	0.022417	0.016134	0.024533	0.002041	0.009447
	-0.017547	0.001549	0.024585	-0.004031	-0.002858	0.034575
	-0.026425	0.015204	-0.020325	0.008895	0.017978	-0.006386
	0.013134	-0.023345	0.002202	-0.033613	0.005266	0.007922
	0.000921	0.014893	-0.010867	-0.017163	-0.000165	0.007669
	0.034539					
y414	-0.031683	0.001787	0.001631	0.002884	0.037836	0.027607
	0.019886	0.004752	-0.005682	-0.018859	0.002953	-0.004559
	0.006629	0.007371	0.023486	-0.008796	-0.002781	-0.001491
	-0.002799	-0.009358	-0.040789	0.011929	-0.004063	-0.008726
	-0.008146	-0.050368	-0.004704	0.021996	-0.002175	-0.024788
	0.021776					
z414	0.009817	0.008720	-0.006107	0.012516	0.011282	0.013565
	-0.015626	0.026776	-0.003954	0.012634	0.030969	0.029282
	-0.043017	0.046028	-0.005380	-0.018618	0.025442	-0.005902
	-0.023390	0.026091	0.055855	-0.025673	-0.028340	-0.034088
	-0.019455	0.045345	-0.012401	0.004214	0.007184	-0.013236
	-0.003856					
x415	-0.009984	0.022474	0.014893	0.025822	0.002025	0.010656
	-0.027294	0.000216	0.027405	0.002932	-0.003440	0.037004
	-0.029531	0.026146	-0.027072	0.012163	0.022127	-0.002885
	0.013275	-0.022135	0.008077	-0.037399	-0.006299	0.013368
	-0.002344	0.019987	-0.011325	-0.020261	0.005877	0.006836
	0.036802					

y415	-0.032268	0.005554	0.002828	0.002927	0.041453	0.027913
	0.022046	-0.000361	-0.001948	-0.016666	-0.000924	0.001855
	0.000647	0.005853	0.022183	-0.007526	-0.010953	-0.004484
	-0.005496	-0.012008	-0.046368	0.012035	0.006298	-0.007705
	-0.008269	-0.051599	-0.007327	-0.000231	-0.007677	-0.015794
	0.010466					
z415	0.010496	0.003352	-0.007552	0.010302	0.013223	0.014779
	-0.008219	0.029459	-0.005715	0.013712	0.035421	0.031513
	-0.038579	0.048377	0.003346	-0.021859	0.023152	-0.016563
	-0.037314	0.030432	0.039518	-0.028658	-0.017688	-0.034713
	-0.014867	0.032781	-0.015519	0.008319	0.004339	0.001775
	-0.016311					
x416	-0.003471	0.021517	0.013847	0.027845	0.000942	0.012270
	-0.037753	-0.001201	0.028666	0.010739	-0.004794	0.036784
	-0.031536	0.039266	-0.033232	0.015655	0.025524	0.003418
	0.010909	-0.020948	0.013665	-0.043118	-0.021224	0.016739
	-0.007956	0.022169	-0.014408	-0.020685	0.011756	0.010399
	0.038468					
y416	-0.030810	0.008087	-0.000348	0.002275	0.039901	0.028357
	0.020552	-0.005127	0.003068	-0.010466	-0.002747	0.007822
	-0.001287	0.003011	0.017115	0.002618	-0.011196	-0.002569
	0.004577	-0.015245	-0.041897	0.016690	0.007865	-0.008570
	-0.009936	-0.042665	-0.015706	-0.009458	-0.013114	-0.013884
	0.031565					
z416	0.012727	-0.004056	-0.010883	0.007523	0.010542	0.015803
	-0.002846	0.035008	-0.010081	0.013883	0.040319	0.030745
	-0.029854	0.047082	0.015142	-0.018682	0.028713	-0.028040
	-0.040899	0.040238	0.029382	-0.032693	-0.011905	-0.036991
	-0.009551	0.021256	-0.017991	0.031267	0.006004	0.004283
	0.001459					
x417	0.000083	0.021221	0.014707	0.029834	0.000538	0.009939
	-0.042157	0.001502	0.023120	0.011300	0.007275	0.027747
	-0.027039	0.039594	-0.029540	0.004421	0.034338	0.010393
	0.000740	-0.009757	0.008628	-0.034980	-0.019998	0.014169
	0.001475	0.016264	-0.020065	-0.010833	0.012871	-0.004273
	0.031083					
y417	-0.029516	0.009537	-0.001559	0.002432	0.040168	0.033639
	0.017536	-0.009008	0.004677	-0.009384	-0.007561	0.013993
	0.003900	0.005200	0.015108	0.000468	-0.013727	-0.002616
	0.006381	-0.007709	-0.047942	0.009782	0.006084	-0.021177
	-0.001777	-0.041277	-0.024814	-0.005398	-0.016076	-0.017385
	0.040958					

z417	0.013752	-0.004513	-0.010995	0.006018	0.015134	0.018679
	-0.000062	0.035254	-0.008324	0.017167	0.036402	0.032602
	-0.018513	0.037540	0.022538	-0.008095	0.021873	-0.025289
	-0.036283	0.039770	0.031047	-0.026953	-0.004827	-0.023019
	-0.006679	0.018482	-0.015730	0.023953	-0.005674	0.010232
	-0.010032					
x418	0.003545	0.020184	0.015907	0.030883	0.000149	0.009035
	-0.046529	0.002929	0.017743	0.010624	0.015797	0.020972
	-0.020920	0.038095	-0.022808	-0.006958	0.041854	0.017745
	-0.006902	-0.001607	0.004367	-0.029687	-0.020478	0.010575
	0.005096	0.016123	-0.022343	0.002217	0.016476	-0.014202
	0.020105					
y418	-0.030079	0.010528	-0.002082	0.003445	0.040320	0.030794
	0.017176	-0.011171	0.007975	-0.011115	-0.006349	0.013646
	0.003276	0.007831	0.006325	-0.002970	-0.010541	-0.004769
	0.005578	-0.001010	-0.055875	0.007167	0.002996	-0.028181
	0.008866	-0.038935	-0.037325	-0.007141	-0.023910	-0.020177
	0.056424					
z418	0.013321	-0.006260	-0.012812	0.006432	0.017738	0.017293
	0.006546	0.038010	-0.001175	0.015947	0.036367	0.030982
	-0.013295	0.029391	0.022999	0.000944	0.021841	-0.026647
	-0.035988	0.037624	0.027280	-0.019745	0.000150	-0.011945
	0.004815	0.015303	-0.013862	0.019225	-0.017147	0.022113
	-0.012681					
x419	0.006334	0.018724	0.016239	0.031631	-0.000856	0.007497
	-0.048145	0.005558	0.013649	0.012138	0.023299	0.014457
	-0.017686	0.034875	-0.015912	-0.012943	0.046482	0.024669
	-0.011826	0.004099	0.002866	-0.024678	-0.020895	0.008247
	0.007836	0.011406	-0.026187	0.011377	0.015197	-0.019159
	0.009423					
y419	-0.028511	0.011359	-0.001746	0.003088	0.040467	0.029055
	0.012923	-0.016855	0.007709	-0.013122	-0.005731	0.015663
	0.007915	0.011956	-0.002544	-0.007935	-0.009305	-0.005699
	0.003760	0.008105	-0.061533	0.005952	0.002124	-0.034637
	0.011257	-0.031479	-0.038003	-0.009031	-0.021767	-0.027440
	0.060889					
z419	0.015318	-0.007974	-0.013094	0.003752	0.020710	0.014860
	0.009371	0.034623	0.000939	0.015936	0.033445	0.031600
	-0.006490	0.024389	0.021656	0.007445	0.013949	-0.026772
	-0.032017	0.037966	0.024859	-0.012760	0.006375	-0.004017
	0.003124	0.019589	-0.006807	0.009114	-0.018506	0.022251
	-0.013022					

x420	0.009281	0.015481	0.016264	0.031411	-0.001790	0.005634
	-0.049107	0.005900	0.012166	0.014320	0.028945	0.009623
	-0.016837	0.033150	-0.012141	-0.015003	0.047458	0.028051
	-0.012152	0.010046	-0.000884	-0.018216	-0.021099	0.010661
	0.008877	0.006067	-0.025004	0.018636	0.012854	-0.016205
	0.009359					
y420	-0.027102	0.013182	-0.000277	0.004403	0.038472	0.028769
	0.010651	-0.018144	0.005088	-0.014639	-0.005657	0.017116
	0.012118	0.010185	-0.006967	-0.016609	-0.004568	-0.000509
	-0.002066	0.007431	-0.060176	0.008113	0.000635	-0.043152
	0.016223	-0.022452	-0.045815	-0.007258	-0.027503	-0.035147
	0.053816					
z420	0.015528	-0.008822	-0.014219	0.004241	0.020474	0.014629
	0.015470	0.035894	0.002291	0.014194	0.031155	0.032407
	0.003911	0.012859	0.024444	0.009692	0.018961	-0.022478
	-0.033671	0.034999	0.027012	-0.009577	0.008043	-0.008587
	0.005395	0.020431	-0.006499	0.007406	-0.018718	0.026074
	-0.029117					
x421	0.011672	0.012952	0.016694	0.029710	-0.002699	0.003443
	-0.049427	0.006897	0.009607	0.013275	0.032106	0.008512
	-0.012688	0.027715	-0.005097	-0.014345	0.047733	0.032722
	-0.011801	0.013035	0.000037	-0.016525	-0.022290	0.008449
	0.008975	0.002594	-0.024093	0.021373	0.011837	-0.018805
	-0.001542					
y421	-0.025603	0.014050	0.001604	0.005650	0.037944	0.027340
	0.008114	-0.019282	0.003594	-0.012406	-0.003543	0.017579
	0.013012	0.012278	-0.011499	-0.023046	-0.001390	-0.001499
	-0.004257	0.011646	-0.061685	0.012960	-0.000430	-0.042106
	0.012330	-0.012670	-0.046787	-0.005936	-0.037456	-0.033266
	0.051566					
z421	0.017028	-0.012044	-0.018218	0.003077	0.020115	0.013987
	0.023420	0.033605	0.005226	0.019854	0.032082	0.026478
	0.005800	0.008391	0.021205	0.009708	0.015505	-0.021036
	-0.027639	0.033063	0.020612	-0.004969	0.015475	-0.006422
	-0.006069	0.023735	-0.006085	0.011285	-0.018207	0.042289
	-0.019800					
x422	0.013810	0.008697	0.015712	0.028570	-0.003549	-0.000402
	-0.046217	0.004649	0.008280	0.015682	0.033588	0.003756
	-0.015497	0.020695	-0.002141	-0.011766	0.046392	0.035858
	-0.008212	0.013793	-0.000454	-0.010039	-0.021891	0.010113
	0.002278	0.000831	-0.023242	0.025917	0.004037	-0.015737
	-0.004323					

y422	-0.022785	0.015800	0.003914	0.005610	0.034853	0.025639
	0.003656	-0.021652	0.001268	-0.011347	-0.002267	0.018993
	0.016386	0.014584	-0.015675	-0.032851	0.003536	0.005836
	-0.009132	0.011437	-0.062481	0.020767	-0.000520	-0.042431
	0.010659	-0.000914	-0.049216	-0.002461	-0.043124	-0.036553
	0.044991					
z422	0.018015	-0.013375	-0.017954	-0.000350	0.017998	0.015140
	0.026515	0.038443	0.007012	0.020759	0.029873	0.032557
	0.017628	0.005117	0.027983	0.015870	0.008217	-0.021027
	-0.023377	0.031506	0.024398	-0.010159	0.012709	-0.010658
	-0.007397	0.014277	0.002774	0.004947	-0.010091	0.056625
	-0.026189					
x423	0.016009	0.004798	0.014766	0.027064	-0.005998	-0.001323
	-0.041753	0.004018	0.009039	0.015462	0.034285	0.004196
	-0.012380	0.014671	0.005759	-0.008750	0.042563	0.035803
	0.000486	0.013813	-0.000555	-0.008475	-0.023909	0.012454
	-0.010199	-0.000110	-0.020101	0.026731	0.001582	0.000294
	-0.005189					
y423	-0.020406	0.017060	0.007951	0.005437	0.033452	0.021293
	-0.001099	-0.021519	-0.002103	-0.008788	-0.001188	0.019397
	0.014401	0.013756	-0.020625	-0.039792	0.010154	0.011605
	-0.017041	0.009330	-0.063389	0.031310	-0.001169	-0.040320
	0.010483	0.009502	-0.044456	-0.001640	-0.056623	-0.042954
	0.030596					
z423	0.018048	-0.018606	-0.019796	-0.000937	0.017915	0.011441
	0.029959	0.039183	0.010677	0.020270	0.026069	0.032207
	0.017524	-0.001135	0.019563	0.013679	0.015755	-0.014670
	-0.021000	0.029723	0.022628	-0.006376	0.019000	-0.017052
	0.003887	0.017974	0.004840	0.012233	-0.002330	0.055760
	-0.026077					
x424	0.017740	-0.001331	0.013569	0.023915	-0.007623	-0.003968
	-0.035856	0.004848	0.010341	0.017584	0.034360	0.004754
	-0.012114	0.005004	0.009917	-0.001707	0.036645	0.038301
	0.008649	0.013184	0.006007	-0.008046	-0.023497	0.014330
	-0.019338	-0.005097	-0.013780	0.025529	-0.000700	0.015156
	-0.011009					
y424	-0.017785	0.019595	0.011860	0.005584	0.031435	0.018271
	-0.005980	-0.023874	-0.006621	-0.007358	0.002246	0.020963
	0.014747	0.017045	-0.025298	-0.048103	0.018761	0.016220
	-0.021740	0.005263	-0.064215	0.042841	-0.002971	-0.030678
	0.003680	0.025810	-0.043654	-0.000526	-0.074314	-0.046316
	0.017748					

z424	0.019798	-0.020696	-0.021150	-0.003977	0.015248	0.010790
	0.032161	0.035009	0.011898	0.019485	0.020366	0.032888
	0.018340	0.000692	0.020036	0.009890	0.010984	-0.016164
	-0.012371	0.020965	0.009428	-0.003859	0.018342	-0.027141
	-0.013668	0.026882	0.006921	0.020771	0.004682	0.061932
	-0.010090					
x425	0.019395	-0.007817	0.010841	0.020025	-0.010333	-0.005996
	-0.028641	0.004415	0.011775	0.020270	0.030111	0.006298
	-0.014323	-0.005153	0.013172	0.007551	0.027932	0.041026
	0.020525	0.013649	0.014899	-0.009470	-0.021964	0.013493
	-0.038838	-0.008550	-0.008407	0.024124	0.002090	0.037128
	-0.016516					
y425	-0.014959	0.021584	0.016475	0.005434	0.028130	0.015850
	-0.011177	-0.025930	-0.010635	-0.006555	0.005057	0.022082
	0.013398	0.019237	-0.030601	-0.054989	0.027652	0.023658
	-0.029550	0.000243	-0.062317	0.058282	-0.002315	-0.021045
	-0.004433	0.043809	-0.041692	-0.001351	-0.092911	-0.053015
	-0.003659					
z425	0.019917	-0.021694	-0.022076	-0.007000	0.013040	0.007218
	0.037594	0.029981	0.012130	0.022879	0.021790	0.037939
	0.023447	0.000144	0.012416	0.016801	0.015156	-0.012887
	-0.004124	0.014704	0.000144	-0.005471	0.011155	-0.028750
	-0.012949	0.027366	0.006219	0.020544	-0.004480	0.058555
	-0.001924					
x426	0.019206	-0.010959	0.006766	0.013932	-0.010420	-0.007611
	-0.027740	0.002758	0.019402	0.021991	0.025096	0.005792
	-0.011487	-0.016613	0.016280	0.013193	0.020561	0.041527
	0.028350	0.017567	0.015961	-0.012499	-0.024962	0.009003
	-0.047167	-0.014897	-0.005463	0.033894	-0.000094	0.044018
	-0.007734					
y426	-0.012404	0.018373	0.018166	-0.000429	0.026962	0.010213
	-0.016099	-0.023331	-0.013071	-0.005419	0.009744	0.018280
	0.009803	0.012899	-0.031250	-0.049760	0.033546	0.026763
	-0.022202	0.013745	-0.058330	0.045855	-0.006252	-0.003731
	0.002790	0.041847	-0.030799	-0.003330	-0.086186	-0.021511
	-0.003931					
z426	0.020575	-0.022699	-0.022889	-0.008643	0.012760	0.008051
	0.039882	0.024981	0.017226	0.025655	0.011620	0.033446
	0.027658	-0.002144	0.012871	0.013641	0.010330	-0.014089
	-0.003931	0.007541	0.010084	0.000368	0.015132	-0.042609
	-0.012092	0.022159	0.005569	0.020818	0.000889	0.034919
	0.011451					

x427	0.019017	-0.013351	0.003704	0.007470	-0.009995	-0.007686
	-0.025139	0.002649	0.026432	0.024416	0.017683	0.005850
	-0.009683	-0.024107	0.018615	0.017704	0.015232	0.039400
	0.034564	0.019184	0.016273	-0.016329	-0.024988	-0.000021
	-0.054320	-0.019429	-0.006513	0.040886	0.008687	0.043940
	-0.004010					
y427	-0.010281	0.014850	0.020195	-0.005063	0.024076	0.006255
	-0.021261	-0.021323	-0.013819	-0.005039	0.009496	0.015818
	0.005569	0.007576	-0.029969	-0.043610	0.035263	0.026571
	-0.014965	0.024047	-0.055088	0.038039	-0.007745	0.007546
	0.005503	0.035706	-0.022828	-0.004188	-0.079837	0.002452
	-0.011238					
z427	0.019963	-0.021650	-0.024434	-0.008442	0.008427	0.007267
	0.035182	0.016638	0.017529	0.025526	0.010261	0.034764
	0.033456	-0.006871	0.008191	0.013235	0.006763	-0.018855
	-0.005117	0.010878	0.014992	0.013830	0.011391	-0.032276
	-0.018560	0.020188	0.018666	0.018816	-0.023405	0.028665
	0.015418					
x428	0.018083	-0.014077	0.000401	0.002213	-0.010382	-0.007079
	-0.023112	0.000870	0.031325	0.024459	0.013108	0.005993
	-0.007840	-0.027913	0.017855	0.021213	0.009180	0.031874
	0.033898	0.020877	0.018380	-0.016343	-0.023338	-0.005542
	-0.059310	-0.023829	-0.000950	0.046027	0.012433	0.047727
	0.002447					
y428	-0.008337	0.011964	0.020933	-0.009158	0.022233	0.002072
	-0.026428	-0.020530	-0.013821	-0.004673	0.010624	0.013372
	0.003776	0.003381	-0.028212	-0.038312	0.035729	0.027082
	-0.012091	0.032784	-0.048385	0.028155	-0.009758	0.014075
	0.006701	0.031020	-0.012653	-0.005272	-0.073237	0.025755
	-0.014393					
z428	0.020435	-0.020900	-0.026905	-0.012263	0.004221	0.008374
	0.031100	0.015888	0.019758	0.027558	0.007131	0.037019
	0.030758	-0.014065	0.010738	0.012200	0.013251	-0.014261
	0.004854	-0.003139	-0.004726	0.017440	0.007453	-0.032695
	-0.015922	0.017740	0.003911	0.000595	-0.027180	-0.006812
	-0.009959					
x429	0.016489	-0.013314	-0.002820	-0.002128	-0.010849	-0.005737
	-0.020159	0.000967	0.036708	0.024118	0.008607	0.007082
	-0.007996	-0.030541	0.019400	0.022211	0.003415	0.027114
	0.033908	0.020383	0.018363	-0.014774	-0.023350	-0.013016
	-0.062784	-0.029173	-0.002291	0.045454	0.011351	0.041007
	0.003355					

y429	-0.007066	0.009830	0.021704	-0.011712	0.019685	-0.002804
	-0.028282	-0.020342	-0.013269	-0.002070	0.008303	0.011868
	0.001750	-0.002639	-0.024768	-0.031884	0.032967	0.027134
	-0.006577	0.042390	-0.042210	0.018366	-0.011513	0.020733
	0.008408	0.024658	-0.007239	-0.004474	-0.065714	0.039803
	-0.014373					
z429	0.019752	-0.018824	-0.027218	-0.016070	0.003729	0.010522
	0.026775	0.010096	0.022529	0.027353	0.007113	0.038851
	0.029621	-0.013671	0.004643	0.004122	0.014160	-0.021794
	0.007590	-0.007982	-0.009764	0.023247	0.011337	-0.025621
	-0.013114	0.024275	0.008452	-0.001535	-0.035378	-0.012944
	-0.017666					
x430	0.014747	-0.011458	-0.006074	-0.006171	-0.010946	-0.003129
	-0.017917	0.001021	0.040766	0.021480	0.007014	0.008634
	-0.008326	-0.027633	0.019974	0.021608	-0.001315	0.021674
	0.027980	0.015184	0.018273	-0.011110	-0.020985	-0.021225
	-0.061313	-0.031208	-0.003624	0.040447	0.010465	0.030562
	0.002671					
y430	-0.005174	0.007798	0.021837	-0.014557	0.018468	-0.007366
	-0.032072	-0.021542	-0.013706	-0.001037	0.008039	0.011537
	0.000844	-0.003675	-0.020516	-0.026602	0.030386	0.029195
	-0.008843	0.045552	-0.033798	0.008340	-0.011455	0.022647
	0.014924	0.021131	0.003951	-0.005896	-0.048500	0.050060
	-0.015801					
z430	0.018692	-0.016513	-0.026270	-0.019641	0.001029	0.009907
	0.022540	0.006378	0.021594	0.026531	0.005529	0.033166
	0.024785	-0.013347	0.002067	0.001346	0.014046	-0.031980
	0.004513	-0.007331	-0.013135	0.022204	0.013772	-0.020992
	-0.007583	0.025776	0.015667	-0.007116	-0.041143	-0.015591
	-0.023292					
x431	0.012417	-0.008010	-0.008521	-0.008627	-0.011812	0.000402
	-0.013466	0.002095	0.044136	0.020189	0.005516	0.010680
	-0.009571	-0.024291	0.019646	0.018207	-0.005916	0.010943
	0.022146	0.010521	0.016991	-0.008276	-0.016099	-0.026675
	-0.059613	-0.031207	-0.007001	0.036386	0.010313	0.019660
	0.002193					
y431	-0.003947	0.006007	0.022089	-0.015175	0.016128	-0.011217
	-0.032382	-0.022021	-0.010706	0.000948	0.005130	0.013143
	0.000961	-0.007337	-0.014446	-0.022954	0.024736	0.026347
	-0.002415	0.051006	-0.027921	-0.003192	-0.011285	0.022690
	0.009129	0.016480	0.004369	0.003930	-0.038875	0.055689
	-0.005538					

z431	0.016745	-0.014149	-0.026550	-0.022952	0.000487	0.007828
	0.016369	0.002341	0.020972	0.026479	0.005142	0.028785
	0.020440	-0.012306	0.003091	-0.001015	0.012038	-0.036500
	0.002208	-0.010202	-0.019991	0.026525	0.014384	-0.021205
	0.007645	0.026842	0.017281	-0.031072	-0.053679	-0.029626
	-0.041490					
x432	0.009717	-0.003038	-0.010609	-0.010047	-0.013248	0.004803
	-0.009106	0.003277	0.045823	0.018933	0.004947	0.012620
	-0.011158	-0.017800	0.018736	0.012355	-0.010638	0.000232
	0.011914	0.002762	0.015378	-0.005731	-0.011688	-0.032956
	-0.054482	-0.030330	-0.010030	0.028174	0.012465	0.006843
	-0.003150					
y432	-0.003276	0.004734	0.022565	-0.013827	0.013071	-0.013470
	-0.030851	-0.019517	-0.008438	0.005244	0.004082	0.011259
	-0.001909	-0.008238	-0.009980	-0.016338	0.023460	0.026635
	-0.000820	0.057583	-0.013323	-0.021355	-0.013598	0.018475
	0.002432	0.007335	0.005725	0.018773	-0.024579	0.069755
	0.001334					
z432	0.015850	-0.011404	-0.026512	-0.030098	0.001122	0.005036
	0.007848	-0.007392	0.019110	0.022190	0.004108	0.028602
	0.020722	-0.008865	0.008579	-0.006194	0.000830	-0.042931
	0.000869	-0.018059	-0.035216	0.027846	0.018932	-0.018574
	0.023323	0.037281	0.020966	-0.057705	-0.055376	-0.044476
	-0.051746					
x433	0.006522	0.003295	-0.012643	-0.010853	-0.014103	0.009610
	-0.004254	0.003817	0.046773	0.015838	0.003816	0.016135
	-0.013237	-0.009883	0.017038	0.005927	-0.017323	-0.013848
	-0.001753	-0.006861	0.012578	0.000359	-0.006085	-0.038834
	-0.043682	-0.024661	-0.012698	0.012540	0.016143	-0.017683
	-0.006535					
y433	-0.003175	0.004167	0.022442	-0.010670	0.011415	-0.015935
	-0.028277	-0.019497	-0.005995	0.012193	0.003279	0.011478
	-0.003561	-0.002499	-0.003076	-0.014929	0.017253	0.030807
	-0.002043	0.058099	-0.004286	-0.041051	-0.011271	0.013875
	-0.007800	-0.001373	-0.002681	0.029476	-0.011110	0.089642
	0.001365					
z433	0.014894	-0.010142	-0.026745	-0.035803	-0.000619	0.006160
	0.000368	-0.009706	0.020040	0.015849	0.005068	0.023599
	0.015278	-0.005028	0.008019	-0.004459	-0.001753	-0.041203
	0.000112	-0.016797	-0.033235	0.018279	0.014738	-0.019987
	0.031976	0.041169	0.024767	-0.068956	-0.053775	-0.047866
	-0.045481					

x434	0.002325	0.010454	-0.015324	-0.011115	-0.014959	0.016590
	0.001254	0.002835	0.047598	0.012353	0.003979	0.021357
	-0.015518	0.000486	0.015820	-0.001744	-0.021549	-0.028234
	-0.015288	-0.016446	0.012333	0.008669	0.000397	-0.043170
	-0.031965	-0.016508	-0.017583	-0.007883	0.014327	-0.049956
	-0.011188					
y434	-0.003583	0.004909	0.019040	-0.010225	0.011122	-0.024626
	-0.031127	-0.030455	-0.002400	0.006745	-0.005003	0.019161
	0.000308	-0.004173	0.006692	-0.011386	-0.009080	0.014684
	-0.008832	0.051571	-0.007401	-0.026419	-0.012931	-0.004117
	0.009138	0.007983	0.005326	0.003435	-0.016785	0.030091
	0.003344					
z434	0.013305	-0.010176	-0.027272	-0.039370	-0.001919	0.010104
	-0.011023	-0.007362	0.021103	0.021106	0.007950	0.016936
	0.009625	0.000226	0.007509	-0.008979	0.007757	-0.026738
	0.002751	-0.020072	-0.014150	-0.012015	0.018347	-0.012446
	0.026527	0.040134	0.019270	-0.067541	-0.048751	-0.011897
	-0.039035					
x435	-0.004017	0.019131	-0.027861	-0.031231	-0.029848	0.015529
	0.004093	0.008390	0.044177	0.012281	0.000520	0.034163
	-0.030379	0.001808	0.008053	-0.032047	-0.009772	-0.047499
	-0.043741	-0.021915	0.019044	-0.012384	-0.019674	-0.007578
	-0.029085	-0.075529	-0.046491	0.008204	0.020850	-0.054611
	0.018085					
y435	0.000013	0.002730	0.022097	-0.004139	0.020787	-0.025690
	-0.013779	-0.024613	0.007088	0.013547	-0.006753	0.020034
	0.014054	0.005608	0.021708	0.012462	0.003395	0.023275
	-0.015868	0.032871	-0.006118	-0.007979	-0.003035	-0.013928
	0.005745	0.037806	0.027986	0.016588	-0.039957	0.005799
	-0.013684					
z435	0.010087	-0.001428	-0.038294	-0.050419	-0.024924	0.011564
	-0.025554	-0.015328	0.005653	0.021120	-0.005471	0.027512
	-0.019246	-0.023874	-0.019923	-0.060597	0.003479	-0.049685
	-0.027779	-0.020133	0.004274	-0.030202	0.004141	0.010749
	0.019119	-0.018260	-0.015324	-0.054766	-0.041116	-0.002780
	0.024231					
x436	-0.006649	0.024101	-0.030142	-0.035062	-0.026872	0.024069
	0.015089	0.016829	0.045126	0.016982	0.001712	0.034877
	-0.024578	0.012974	0.007608	-0.026307	0.001184	-0.050185
	-0.049362	-0.031201	0.023768	-0.015993	-0.026355	-0.002399
	-0.022103	-0.078498	-0.038883	0.025166	0.001607	-0.066025
	0.021548					

y436	-0.002689	0.005135	0.016711	-0.011232	0.008946	-0.031349
	-0.015978	-0.024064	0.008878	0.013523	-0.006456	0.024430
	0.002183	0.002023	0.015554	-0.002952	0.001093	0.005713
	-0.032130	0.028400	-0.000169	-0.021681	-0.012974	-0.009128
	0.008054	0.015830	0.015793	0.011828	-0.027687	-0.001735
	-0.003822					
z436	0.007978	0.001668	-0.040189	-0.047886	-0.027307	0.003810
	-0.026254	-0.017792	0.007925	0.022030	-0.017091	0.018544
	-0.019210	-0.013269	-0.023271	-0.067114	-0.004570	-0.043933
	-0.026309	-0.014123	0.000897	-0.031411	0.003268	0.019490
	0.008307	-0.025784	-0.007706	-0.040382	-0.027375	-0.021770
	0.042484					
x437	-0.007346	0.028332	-0.029191	-0.036190	-0.019005	0.034123
	0.018520	0.024216	0.040923	0.014397	0.007732	0.034877
	-0.022512	0.006126	0.003036	-0.014280	0.005488	-0.059247
	-0.045712	-0.038294	0.026768	-0.008588	-0.028132	-0.016496
	-0.011286	-0.067953	-0.037206	0.029089	-0.016886	-0.053085
	0.003950					
y437	-0.004713	0.006445	0.012770	-0.011988	0.003515	-0.031356
	-0.009886	-0.020311	0.013537	0.016823	-0.004451	0.025872
	-0.000380	0.008306	0.008561	-0.007028	0.003513	0.002654
	-0.037914	0.026958	0.008818	-0.031112	-0.015360	0.001468
	0.006460	0.008495	0.005215	0.013139	-0.026012	-0.005226
	0.016064					
z437	0.006998	0.005601	-0.044568	-0.048309	-0.027071	-0.000485
	-0.025100	-0.019600	0.006616	0.020624	-0.020664	0.009423
	-0.018566	-0.015872	-0.018991	-0.062279	-0.008956	-0.045391
	-0.030449	-0.018086	-0.008613	-0.027761	0.007511	0.016084
	0.001157	-0.027680	0.001029	0.003625	-0.023227	-0.033896
	0.003019					
x438	-0.009827	0.028162	-0.029333	-0.036102	-0.014826	0.042873
	0.022106	0.030601	0.041625	0.010307	0.014157	0.035618
	-0.018323	0.007638	-0.005014	-0.008636	0.009204	-0.059130
	-0.039691	-0.042209	0.026870	-0.001559	-0.029671	-0.013031
	-0.001200	-0.073720	-0.040925	0.024020	-0.019530	-0.039351
	0.010272					
y438	-0.004719	0.009632	0.013090	-0.012463	0.004044	-0.033882
	-0.005150	-0.015367	0.014678	0.020097	-0.004725	0.024808
	-0.003633	0.008410	0.015089	0.002337	0.001551	-0.007182
	-0.044985	0.020393	0.012845	-0.030554	-0.022772	-0.002200
	0.002792	0.009653	0.011541	0.019829	-0.027916	-0.011085
	0.002587					

z438	0.005505	0.005789	-0.043711	-0.043087	-0.027911	0.000777
	-0.021864	-0.017945	0.011626	0.017902	-0.024546	0.006758
	-0.012251	-0.014750	-0.021869	-0.060219	-0.000950	-0.041213
	-0.035805	-0.010970	-0.013628	-0.014621	0.002191	0.025077
	0.003393	-0.048193	0.013614	-0.010886	-0.015788	-0.032828
	0.025296					
x439	-0.010983	0.029287	-0.029011	-0.036646	-0.011805	0.047000
	0.020770	0.031641	0.041171	0.008256	0.014909	0.030422
	-0.018274	0.009109	-0.006822	-0.003768	0.012256	-0.060641
	-0.035658	-0.045451	0.022145	0.001041	-0.032823	-0.009186
	0.004071	-0.071362	-0.042141	0.020107	-0.025819	-0.029461
	0.021642					
y439	-0.006319	0.010910	0.012038	-0.012209	0.004464	-0.031773
	0.002403	-0.008912	0.018063	0.019048	-0.002479	0.023663
	-0.003142	0.012598	0.014307	0.010892	0.001124	-0.009525
	-0.047187	0.016113	0.016893	-0.031109	-0.023348	-0.002409
	0.003065	0.012717	0.006588	0.024853	-0.031155	-0.012525
	-0.000561					
z439	0.006623	0.008101	-0.043138	-0.041971	-0.025510	-0.000397
	-0.023249	-0.019897	0.012039	0.019180	-0.026001	-0.000783
	-0.015115	-0.013258	-0.019908	-0.056525	-0.004025	-0.038979
	-0.038561	-0.013298	-0.017611	-0.011514	-0.000532	0.026899
	-0.005364	-0.037332	0.018322	0.004176	-0.010261	-0.036723
	0.035210					
x440	-0.011089	0.031016	-0.028858	-0.035763	-0.010656	0.049385
	0.014983	0.030998	0.038623	0.010137	0.014099	0.030184
	-0.017099	0.018857	-0.007239	0.001553	0.011712	-0.061670
	-0.025985	-0.035248	0.017270	0.007739	-0.028565	-0.007306
	0.000990	-0.090404	-0.037991	0.013099	-0.024151	-0.020759
	0.024397					
y440	-0.007845	0.011725	0.008443	-0.011416	0.004540	-0.029304
	0.009474	-0.002968	0.024164	0.015456	0.002761	0.024083
	-0.002447	0.021429	0.011497	0.016501	0.004543	-0.006784
	-0.048382	0.016832	0.019839	-0.032737	-0.022867	0.000985
	0.014622	0.014150	-0.000710	0.030371	-0.024971	-0.017619
	-0.005070					
z440	0.005124	0.010674	-0.041906	-0.032403	-0.025193	-0.002270
	-0.020335	-0.020789	0.014640	0.017407	-0.028187	-0.002859
	-0.015589	-0.021833	-0.018725	-0.040422	0.006980	-0.035119
	-0.043942	-0.001754	-0.022003	-0.005061	-0.014002	0.018892
	0.003253	-0.044928	0.019057	0.021329	-0.004156	-0.028419
	0.012052					

x441	-0.008009	0.033155	-0.033865	-0.034438	-0.018637	0.060976
	0.022647	0.039049	0.042948	0.013615	0.006714	0.030664
	-0.019438	0.032126	-0.001330	0.028287	-0.009728	-0.031698
	-0.023710	-0.021553	0.023964	0.016249	-0.027580	-0.000208
	-0.018270	-0.064227	-0.025369	-0.002507	-0.011553	-0.014515
	0.006387					
y441	-0.007734	0.012584	0.008489	-0.011981	0.002791	-0.024288
	0.015557	0.009306	0.031677	0.012141	-0.001185	0.025426
	-0.008416	0.029560	0.025488	0.022544	-0.004036	-0.010714
	-0.050403	0.011246	0.014205	-0.024016	-0.027377	0.010926
	0.012081	0.015475	0.010845	0.033814	-0.012693	-0.016277
	-0.017010					
z441	0.008044	0.015375	-0.041254	-0.026989	-0.024333	0.005358
	-0.001255	-0.004618	0.017336	0.025424	-0.032945	-0.011938
	-0.012364	-0.008890	-0.008046	-0.012044	-0.028393	-0.013246
	-0.039085	-0.008374	-0.023815	-0.004279	-0.003594	0.022261
	-0.024742	0.009389	0.049622	0.026567	-0.012299	-0.041711
	-0.038834					
x442	-0.009805	0.028218	-0.024373	-0.030229	-0.009942	0.060527
	0.010071	0.037644	0.024345	0.019613	0.022175	0.032516
	-0.010902	0.030622	-0.002868	0.003651	0.008339	-0.034889
	-0.015091	-0.025960	0.015668	0.026215	-0.015542	-0.016487
	0.004096	-0.078846	-0.041741	0.011201	-0.034439	-0.025217
	0.036501					
y442	-0.010694	0.015979	0.004960	-0.012738	0.007808	-0.018644
	0.024188	0.012595	0.027492	0.008416	0.002363	0.022816
	-0.011973	0.035391	0.020792	0.033666	0.009941	-0.012719
	-0.041038	-0.006593	0.014173	-0.031681	-0.017411	0.005786
	0.022406	0.009088	0.011528	0.036018	-0.031963	-0.013101
	-0.010989					
z442	0.009575	0.013220	-0.027525	-0.020566	-0.007806	0.000047
	-0.008867	0.001306	0.010319	0.025777	-0.018035	-0.017623
	-0.002063	-0.001919	-0.007180	-0.017559	-0.022078	-0.012095
	-0.032714	-0.009125	-0.007452	-0.005593	-0.015329	0.019934
	-0.007659	0.029714	0.033560	0.036619	-0.008741	-0.065040
	-0.024914					
x443	-0.007652	0.025435	-0.017045	-0.022514	-0.005624	0.071296
	-0.006822	0.033031	0.017801	0.017649	0.021358	0.019482
	-0.002521	0.024711	-0.010290	0.013883	0.000942	-0.038932
	0.010808	-0.009078	0.008450	0.047264	-0.017889	-0.023090
	0.008878	-0.071136	-0.038161	-0.038231	-0.039085	0.015884
	0.048186					

y443	-0.013246	0.016852	0.005039	-0.007899	0.015028	-0.005796
	0.029662	0.018496	0.027953	-0.002377	0.014101	0.014452
	-0.010827	0.034153	0.010012	0.055816	-0.002751	-0.016009
	-0.025881	-0.007773	0.020074	-0.029532	-0.020913	-0.004151
	0.040349	0.031200	-0.000686	0.031283	-0.030912	-0.001961
	-0.019568					
z443	0.013796	0.012914	-0.020107	-0.018886	0.004618	0.010267
	-0.011671	0.005259	0.007290	0.026660	-0.012521	-0.022502
	0.006057	-0.011493	-0.000066	0.013868	-0.025071	-0.015597
	-0.009735	-0.007105	-0.008336	-0.005701	-0.024545	0.013366
	-0.005304	0.058374	0.050258	0.034685	-0.020872	-0.040763
	-0.045649					
x444	-0.003619	0.023743	-0.011760	-0.032708	-0.013797	0.065659
	-0.012327	0.033589	0.000956	0.017718	0.027664	0.027031
	0.002096	0.017184	-0.033166	0.017047	-0.001093	-0.046192
	0.011228	-0.014051	-0.001042	0.056241	-0.032607	-0.039073
	0.013490	-0.036316	-0.076183	0.011713	-0.017590	0.008044
	-0.000379					
y444	-0.015316	0.015524	0.007487	-0.016378	0.012156	0.002665
	0.023461	0.025719	0.027932	0.022947	0.009603	0.026898
	0.000309	0.044074	0.003563	0.051829	0.007647	-0.012127
	0.003038	-0.005335	0.026391	-0.002122	-0.034723	-0.025847
	0.049847	0.063051	0.004106	0.006337	-0.014868	0.002843
	0.022097					
z444	0.006609	0.014947	-0.007510	-0.039604	0.010403	-0.006341
	-0.021093	0.021919	-0.011045	0.022074	-0.002512	-0.026509
	0.012838	-0.000435	-0.033395	0.051985	-0.020303	0.006887
	-0.013328	0.007130	-0.026440	0.060504	-0.049410	-0.004329
	0.017222	0.064171	-0.006097	0.089867	0.030291	-0.009749
	-0.011719					
x445	0.002569	0.025560	-0.000672	-0.025909	-0.025981	0.077611
	-0.020361	0.023683	0.017759	-0.006173	0.039480	0.023880
	0.001774	-0.017345	-0.026842	0.007635	0.003818	-0.057315
	0.002147	-0.015365	0.007039	0.012225	-0.002974	0.001151
	0.002694	-0.088610	-0.067376	-0.043543	-0.031910	-0.036420
	0.002311					
y445	-0.012054	0.013178	0.017577	-0.009559	0.006238	0.021396
	0.013749	0.022141	0.028064	0.023597	0.001310	0.019635
	-0.005692	0.044773	0.020510	0.045136	0.004692	0.004104
	0.018359	-0.003808	0.041665	-0.011038	-0.019230	-0.013827
	0.049561	0.065914	0.016318	-0.005450	-0.019611	-0.042231
	0.026771					

z445	0.016824	0.015120	-0.000713	-0.035632	0.003717	-0.012373
	-0.018005	0.020264	0.006423	-0.017425	0.008820	-0.005553
	0.001035	-0.023914	-0.028711	0.039406	-0.024522	-0.037094
	-0.020940	-0.013319	0.024980	-0.008550	-0.037954	0.032295
	0.015455	-0.027871	-0.006303	0.023583	-0.028141	-0.036275
	0.010753					
x446	0.006470	0.020076	0.005012	-0.020160	-0.027049	0.071083
	-0.028071	0.023381	0.012599	0.002551	0.027885	0.021558
	0.005998	-0.022190	-0.014607	0.004960	0.012183	-0.036827
	0.012661	-0.008272	0.014033	-0.007455	0.003297	0.008097
	-0.003262	-0.048972	-0.051121	-0.037898	-0.032353	-0.049028
	-0.010158					
y446	-0.012841	0.011176	0.020838	-0.010517	0.002038	0.023559
	0.000210	0.018980	0.024248	0.022867	-0.000658	0.018121
	-0.004467	0.027512	0.025809	0.044379	-0.006572	-0.004384
	0.025927	0.000436	0.036400	-0.013103	-0.008781	-0.015130
	0.048663	0.055859	0.018013	-0.021264	0.027815	-0.029069
	0.048642					
z446	0.018077	0.009288	0.005300	-0.034718	0.007856	-0.020629
	-0.019330	0.034771	0.005796	-0.009002	-0.002732	0.005109
	0.000012	-0.014890	-0.010025	0.041912	-0.014991	-0.022953
	-0.011009	-0.016103	0.044820	-0.017464	-0.033004	0.042297
	0.024828	-0.001646	0.017387	0.011708	-0.045833	-0.054607
	0.030120					
x447	0.009380	0.017830	-0.002361	-0.015225	-0.019983	0.056733
	-0.032218	0.021560	-0.004981	0.009588	-0.001221	0.017914
	-0.002516	-0.011367	0.000811	-0.012849	0.009378	-0.025826
	0.008120	0.005320	-0.001090	0.001029	-0.015314	0.005267
	-0.014715	-0.022268	-0.050551	-0.016840	-0.011206	-0.040831
	-0.020274					
y447	-0.013835	0.008143	0.019445	-0.005908	0.001490	0.025601
	-0.010047	0.022479	0.009550	0.022909	-0.007678	0.025745
	-0.000851	0.021466	0.031002	0.041598	-0.021986	-0.010251
	0.029836	0.000588	0.031119	-0.010967	-0.012758	-0.008219
	0.061345	0.045820	0.010454	-0.041867	0.050093	0.000827
	0.059134					
z447	0.017117	0.002030	0.005418	-0.020055	0.016940	-0.035767
	-0.022206	0.029637	0.000490	-0.005394	-0.026834	-0.014543
	-0.009951	0.007492	-0.006920	0.023284	-0.035272	0.001875
	-0.011971	0.006227	0.011245	0.013511	-0.034594	0.019692
	-0.001505	0.041976	0.002584	-0.012769	-0.002838	-0.022068
	-0.001109					

x448	0.012386	0.017992	-0.004931	-0.019851	-0.017719	0.037375
	-0.036404	0.019966	-0.005875	0.016982	-0.006003	0.015107
	-0.007208	-0.010624	0.011819	-0.016140	0.013449	-0.026249
	0.005614	0.005604	-0.003994	-0.007543	-0.020005	0.012588
	-0.022464	-0.011286	-0.044514	-0.001132	-0.003731	-0.055584
	-0.038145					
y448	-0.010723	0.003935	0.021940	-0.002154	-0.004749	0.025621
	-0.019318	0.026778	0.001588	0.023914	-0.006038	0.026368
	-0.003236	0.005915	0.035659	0.036174	-0.028889	-0.016099
	0.027939	-0.006545	0.020568	-0.009650	-0.012426	0.001083
	0.060016	0.036792	0.003378	-0.047849	0.057271	0.003278
	0.072823					
z448	0.017540	-0.005620	0.011020	-0.019100	0.018185	-0.037527
	-0.020503	0.039294	0.005668	-0.004999	-0.033791	-0.021127
	-0.016145	0.013225	-0.008617	0.017377	-0.031118	0.008719
	-0.012575	0.012167	0.010359	0.019043	-0.024598	0.017619
	-0.014512	0.039868	-0.002072	-0.026619	-0.001191	-0.028759
	-0.011173					
x449	0.015547	0.020173	-0.009936	-0.030865	-0.015755	0.006990
	-0.037480	0.013110	-0.007583	0.023918	-0.010244	0.013058
	-0.007980	-0.004922	0.025604	-0.015339	0.016075	-0.025385
	0.007922	0.009097	-0.010023	-0.018126	-0.028396	0.020049
	-0.023913	-0.003521	-0.041184	0.020471	-0.002647	-0.068499
	-0.041915					
y449	-0.004276	-0.001345	0.027777	0.002969	-0.014626	0.025203
	-0.029587	0.031670	-0.009546	0.019105	-0.002117	0.022272
	-0.005650	-0.006567	0.041243	0.028022	-0.036408	-0.017001
	0.011735	-0.017743	0.001558	-0.012932	-0.015662	0.010033
	0.063374	0.020118	0.006340	-0.037059	0.052962	0.001710
	0.076038					
z449	0.017998	-0.012223	0.018256	-0.016989	0.016247	-0.034229
	-0.015565	0.042567	0.006047	-0.009950	-0.037935	-0.029566
	-0.020356	0.019976	-0.011046	0.007335	-0.025911	0.021644
	-0.012422	0.020660	0.003057	0.025836	-0.013249	0.014307
	-0.024751	0.032851	0.002714	-0.029025	-0.007337	-0.028729
	-0.021715					
x450	0.017221	0.024831	-0.018390	-0.043993	-0.006056	-0.035174
	-0.034890	0.000760	-0.005422	0.025770	-0.012999	0.009687
	-0.013627	-0.002156	0.039713	-0.009721	0.019386	-0.031143
	0.009813	0.011556	-0.019624	-0.024924	-0.035617	0.024127
	-0.016969	0.002419	-0.035331	0.028411	-0.001564	-0.063461
	-0.023653					

y450	0.004354	-0.011611	0.036210	0.012967	-0.024667	0.028274
	-0.035268	0.038674	-0.024774	0.013309	0.005985	0.006748
	-0.010890	-0.009696	0.048258	0.020556	-0.030958	-0.003916
	-0.029226	-0.032864	-0.024007	-0.016926	-0.018962	0.020761
	0.063337	0.019813	0.036383	-0.016198	0.048344	-0.017266
	0.043683					
z450	0.015251	-0.018107	0.020737	-0.014467	0.017632	-0.032281
	-0.009440	0.036754	0.009898	-0.018808	-0.040680	-0.038781
	-0.027736	0.027382	-0.017313	-0.004771	-0.017747	0.029705
	-0.028568	0.023567	-0.015859	0.026577	-0.002812	0.017987
	-0.030234	0.019269	0.005913	-0.029258	-0.007040	-0.023645
	-0.022423					
x451	0.018405	0.033108	-0.028618	-0.057887	0.009373	-0.082653
	-0.034158	-0.020604	-0.005472	0.021632	-0.012253	0.004783
	-0.019872	-0.002301	0.064038	0.002776	0.022399	-0.035509
	0.015693	0.006755	-0.017162	-0.032715	-0.040975	0.025860
	-0.003343	0.001893	-0.019013	0.012216	-0.011030	-0.027959
	0.008226					
y451	0.008231	-0.021451	0.045654	0.022291	-0.039814	0.031406
	-0.036425	0.045069	-0.042159	0.011595	0.009506	-0.003323
	-0.010529	-0.021518	0.053215	0.019293	-0.023171	-0.006516
	-0.047583	-0.045048	-0.059559	-0.009466	-0.023696	0.025193
	0.033877	0.015396	0.043304	0.005959	0.038040	-0.013819
	0.000909					
z451	0.007940	-0.017335	0.014956	-0.023437	0.017382	-0.033626
	-0.010979	0.026630	0.012105	-0.034749	-0.040012	-0.036142
	-0.032559	0.028329	-0.026514	-0.017868	-0.014961	0.012333
	-0.039068	0.020200	-0.028298	0.024191	0.009752	0.016437
	-0.019398	-0.025552	-0.008198	-0.046351	-0.003768	0.013123
	-0.000386					
x452	0.019544	0.034664	-0.033121	-0.063937	0.022276	-0.107508
	-0.037482	-0.028591	-0.010922	0.016973	-0.014305	-0.001254
	-0.027293	-0.000092	0.073855	0.015608	0.027998	-0.048378
	0.018155	-0.006743	-0.022909	-0.037784	-0.028647	0.018881
	0.002470	0.012565	-0.006072	0.009649	0.001951	-0.015257
	0.024442					
y452	0.009555	-0.022268	0.042370	0.024389	-0.046608	0.028397
	-0.036765	0.039088	-0.051191	-0.002920	0.014527	-0.020811
	-0.015218	-0.039445	0.073293	0.011558	-0.024788	-0.025672
	-0.045038	-0.059061	-0.073171	-0.001283	-0.002744	0.019683
	0.028280	-0.005438	0.036967	0.001588	0.024158	0.014566
	0.004880					

z452	0.000986	-0.016919	0.004995	-0.034848	0.018894	-0.030334
	-0.004294	0.013952	0.021915	-0.043578	-0.035977	-0.034694
	-0.035673	0.041858	-0.025262	-0.033600	-0.008532	0.006347
	-0.040282	0.021515	-0.042177	0.020470	0.022839	0.007808
	0.006015	-0.052096	0.003403	-0.053418	-0.020047	0.030034
	0.019837					
x453	0.030204	0.046599	-0.005185	-0.120235	-0.121259	0.055104
	0.028536	-0.004592	-0.067572	-0.062720	-0.132862	0.075910
	-0.045935	0.046461	0.010920	0.004359	-0.025726	0.056799
	-0.088062	-0.052260	0.024380	-0.017841	-0.033049	0.042254
	-0.033148	-0.037182	-0.008201	0.047825	-0.082480	-0.014452
	-0.014214					
y453	-0.004156	0.087405	-0.023752	-0.010916	0.018640	0.018618
	0.045465	0.021676	-0.053511	0.032845	0.023479	0.015108
	0.017564	-0.125778	-0.006498	-0.008179	-0.026579	-0.062423
	0.148020	-0.046129	0.003204	0.047584	0.027212	0.044975
	0.038605	0.050509	0.051402	-0.040680	-0.013797	-0.049433
	-0.033537					
z453	-0.038192	0.004619	-0.100141	0.122715	0.052277	-0.070064
	-0.055421	-0.057005	-0.077990	-0.015024	-0.055336	0.043172
	-0.056356	-0.046824	0.015335	-0.060034	-0.081470	-0.007541
	0.071153	-0.051562	-0.059016	0.058579	-0.070271	0.064658
	-0.051403	-0.015597	0.053011	0.016986	-0.026798	0.009692
	0.008497					
x454	0.028869	0.042525	-0.006627	-0.120446	-0.120196	0.056687
	0.022078	-0.003801	-0.073067	-0.063802	-0.127927	0.072272
	-0.038218	0.039015	0.005648	0.008226	-0.014014	0.045952
	-0.068462	-0.059077	0.012936	-0.030516	-0.040983	0.042468
	-0.031851	-0.042895	-0.005172	0.043583	-0.080277	-0.006978
	-0.027938					
y454	0.000524	0.085345	-0.017880	-0.011480	0.014962	0.021847
	0.035474	0.022752	-0.046628	0.023111	0.012074	0.017289
	0.007533	-0.101001	-0.010452	-0.013586	-0.008276	-0.052433
	0.126382	-0.043895	0.009459	0.049611	0.010970	0.034907
	0.025520	0.058206	0.034744	-0.027624	-0.012010	-0.035299
	-0.030253					
z454	-0.028573	0.005886	-0.093169	0.116166	0.070363	-0.073089
	-0.051627	-0.039186	-0.074396	-0.008610	-0.044947	0.034254
	-0.045493	-0.028421	0.003350	-0.055292	-0.073579	-0.005342
	0.071986	-0.044430	-0.026805	0.069164	-0.073619	0.037656
	-0.034468	-0.014760	0.045940	-0.014004	-0.027744	0.019030
	0.003321					

x455	0.028769	0.040808	-0.007507	-0.118670	-0.115390	0.052219
	0.015429	-0.001149	-0.080624	-0.063771	-0.123400	0.057557
	-0.028953	0.027084	0.007489	0.000274	-0.006918	0.036626
	-0.046273	-0.057908	0.015922	-0.035945	-0.035270	0.029738
	-0.020998	-0.039330	0.007320	0.044306	-0.075548	0.006077
	-0.023017					
y455	0.003979	0.080981	-0.013208	-0.007783	0.011488	0.023843
	0.028717	0.023334	-0.039191	0.018646	-0.001384	0.021172
	0.000578	-0.083092	-0.012150	-0.017525	0.008182	-0.046463
	0.107724	-0.037814	0.008475	0.051408	-0.003291	0.027973
	0.012033	0.059181	0.018821	-0.013810	-0.007277	-0.024216
	-0.031963					
z455	-0.020945	0.007030	-0.085518	0.108547	0.083060	-0.071363
	-0.043738	-0.024288	-0.065637	-0.002906	-0.035585	0.026751
	-0.037813	-0.017432	0.002861	-0.049647	-0.068352	-0.011462
	0.071364	-0.024962	0.009888	0.084081	-0.082217	0.021795
	-0.024411	-0.016914	0.039172	-0.024401	-0.025184	0.027486
	0.003160					
x456	0.027229	0.038757	-0.007026	-0.110115	-0.108788	0.047848
	0.012585	-0.000614	-0.078408	-0.061930	-0.118281	0.043507
	-0.023106	0.014148	0.018926	-0.005716	0.003431	0.024209
	-0.030086	-0.041384	0.025773	-0.031598	-0.034252	0.012781
	-0.007849	-0.033419	0.015205	0.047109	-0.063030	0.024782
	-0.021204					
y456	0.008406	0.074494	-0.012179	-0.007589	0.007742	0.025388
	0.021687	0.024368	-0.033254	0.015163	-0.007869	0.024433
	-0.004865	-0.063637	-0.012849	-0.021630	0.015407	-0.038071
	0.092362	-0.037942	0.006805	0.045183	-0.012775	0.026148
	-0.005921	0.060498	0.011540	-0.004729	-0.001667	-0.017244
	-0.027854					
z456	-0.015813	0.006729	-0.079457	0.108084	0.084791	-0.068147
	-0.034243	-0.009816	-0.058842	-0.001067	-0.028373	0.037181
	-0.031047	-0.006108	-0.014598	-0.034249	-0.050160	-0.008689
	0.052920	-0.020988	0.004495	0.096908	-0.110526	0.022265
	-0.018362	-0.024803	0.030934	-0.034934	-0.018761	0.030548
	-0.031250					
x457	0.024645	0.034994	-0.007283	-0.098041	-0.100836	0.042465
	0.012862	0.002232	-0.074580	-0.057424	-0.109845	0.036564
	-0.016649	0.009483	0.020581	-0.008466	0.008028	0.018380
	-0.011975	-0.038047	0.022696	-0.030755	-0.035803	0.004454
	-0.003401	-0.028997	0.008746	0.039629	-0.051185	0.029078
	-0.015513					

y457	0.010706	0.065903	-0.014412	-0.002640	0.002642	0.025541
	0.017896	0.023438	-0.026193	0.012197	-0.013228	0.025081
	-0.009464	-0.048323	-0.012046	-0.025303	0.029509	-0.025360
	0.075666	-0.029433	0.007590	0.040374	-0.020584	0.017120
	-0.009946	0.053134	-0.002751	0.001560	0.000270	-0.010605
	-0.031798					
z457	-0.010355	0.007559	-0.072258	0.096760	0.087757	-0.064816
	-0.022847	0.004361	-0.057803	-0.002515	-0.017490	0.035630
	-0.021996	0.008050	-0.022876	-0.026618	-0.045765	-0.001966
	0.053081	-0.025154	0.012935	0.092738	-0.104263	0.011187
	-0.017381	-0.034950	0.009344	-0.049468	-0.019241	0.013212
	-0.030677					
x458	0.020754	0.031159	-0.006945	-0.080858	-0.092593	0.034848
	0.015867	0.005661	-0.066656	-0.051134	-0.099501	0.031889
	-0.009751	0.008375	0.014736	-0.010027	0.014170	0.018353
	0.001186	-0.030063	0.017686	-0.030689	-0.033266	-0.005773
	0.008810	-0.025402	-0.003214	0.029845	-0.037705	0.029328
	-0.009559					
y458	0.012532	0.056720	-0.018266	0.003152	-0.002454	0.024344
	0.016241	0.021178	-0.017991	0.014627	-0.018437	0.024271
	-0.012467	-0.037078	-0.008694	-0.028849	0.039104	-0.019525
	0.061677	-0.017294	0.004415	0.031690	-0.018846	0.012164
	-0.010949	0.048053	-0.016979	0.008399	0.001572	-0.005269
	-0.031809					
z458	-0.004691	0.012630	-0.067763	0.083847	0.088306	-0.058980
	-0.013078	0.014748	-0.055935	-0.002489	-0.012273	0.034149
	-0.013115	0.016394	-0.033664	-0.019697	-0.030082	0.000765
	0.047110	-0.015447	0.021747	0.084702	-0.087188	-0.001322
	-0.005454	-0.040398	-0.005368	-0.054564	-0.011636	0.000654
	-0.033517					
x459	0.014758	0.029806	-0.007079	-0.055850	-0.085465	0.024905
	0.019490	0.010080	-0.052026	-0.045461	-0.086544	0.030349
	-0.009552	0.010743	0.010588	-0.010072	0.027593	0.010252
	0.008871	-0.014785	0.004331	-0.021870	-0.032170	-0.019649
	0.021971	-0.021811	-0.013231	0.028178	-0.021506	0.037433
	-0.003124					
y459	0.014995	0.045954	-0.024233	0.007182	-0.006951	0.023015
	0.014909	0.017845	-0.010221	0.020551	-0.021236	0.020577
	-0.013043	-0.027246	0.000395	-0.033749	0.038814	-0.018167
	0.046045	-0.008474	-0.004952	0.020573	-0.009657	0.009883
	-0.014999	0.040720	-0.024481	0.015179	0.007222	-0.000787
	-0.030968					

z459	-0.000518	0.022601	-0.066486	0.069526	0.081007	-0.050727
	-0.002396	0.018767	-0.051549	-0.009541	-0.008231	0.029643
	-0.007516	0.021071	-0.035697	-0.013514	-0.007117	-0.008272
	0.036305	-0.002772	0.013040	0.081751	-0.072107	-0.009314
	0.010768	-0.047696	-0.007455	-0.030962	-0.007297	0.013088
	-0.029608					
x460	0.007983	0.026371	-0.006474	-0.028949	-0.078947	0.015177
	0.024661	0.014811	-0.036377	-0.036776	-0.074042	0.026302
	-0.008195	0.010460	0.006627	-0.014207	0.026546	0.005806
	0.018017	-0.003573	-0.003658	-0.012952	-0.037257	-0.029846
	0.028420	-0.009770	-0.025686	0.017114	-0.008452	0.037860
	-0.004455					
y460	0.016969	0.032247	-0.032478	0.015228	-0.012118	0.019691
	0.016932	0.013838	-0.001026	0.026942	-0.021943	0.017764
	-0.013192	-0.022361	0.014823	-0.034065	0.042949	-0.014770
	0.029017	0.004347	-0.014555	0.013196	-0.000644	0.005921
	-0.014942	0.024441	-0.028141	0.018769	0.014216	0.006404
	-0.038724					
z460	0.001492	0.030642	-0.063246	0.048784	0.066912	-0.038458
	0.011575	0.019756	-0.053074	-0.023049	-0.009508	0.018337
	-0.003283	0.014717	-0.029945	-0.006960	0.005296	-0.014300
	0.023052	0.004716	0.014593	0.066149	-0.060342	-0.008749
	0.017777	-0.041117	-0.013869	-0.011205	-0.020643	0.023048
	-0.029884					
x461	0.000741	0.018854	-0.002820	0.003011	-0.071673	0.002796
	0.028751	0.022196	-0.019844	-0.022139	-0.064302	0.023812
	-0.006822	0.007154	0.002457	-0.021410	0.021095	0.010523
	0.030306	0.005382	-0.008827	-0.003801	-0.052256	-0.039233
	0.032666	-0.002902	-0.029042	-0.005554	0.015197	0.036451
	0.002025					
y461	0.018373	0.016132	-0.040729	0.024625	-0.016196	0.014152
	0.019224	0.011365	0.007774	0.034225	-0.021053	0.016582
	-0.013822	-0.017118	0.034282	-0.032160	0.044187	-0.011236
	0.012245	0.018809	-0.020580	0.007363	0.011717	0.007678
	-0.012733	0.005768	-0.033109	0.019157	0.021311	0.012358
	-0.048239					
z461	0.004083	0.035439	-0.055735	0.024850	0.049564	-0.027072
	0.020466	0.024415	-0.059515	-0.032563	-0.015102	0.012615
	-0.003287	0.006852	-0.023312	-0.001267	0.017683	-0.011171
	0.018636	0.015342	0.025196	0.044181	-0.052241	-0.005141
	0.027172	-0.040038	-0.009775	0.002029	-0.021279	0.028623
	-0.013921					

x462	-0.007955	0.007783	0.001454	0.043781	-0.061573	-0.011431
	0.032808	0.026459	-0.000670	-0.000914	-0.052107	0.028371
	-0.009282	0.011782	0.000273	-0.030430	0.006883	0.018231
	0.033308	0.018575	-0.023556	0.008625	-0.053926	-0.053006
	0.034481	0.002388	-0.036192	-0.036420	0.035289	0.032117
	-0.004629					
y462	0.019663	-0.000712	-0.050814	0.034569	-0.020698	0.007244
	0.022055	0.009766	0.017450	0.041915	-0.018206	0.014325
	-0.014513	-0.014904	0.055070	-0.028967	0.044279	-0.007753
	-0.000601	0.037562	-0.025577	-0.000818	0.027071	0.009307
	-0.004873	-0.013898	-0.036426	0.023846	0.029270	0.012532
	-0.046650					
z462	0.006082	0.037257	-0.048075	0.004851	0.031456	-0.013021
	0.024716	0.022680	-0.067659	-0.037113	-0.025073	0.009975
	-0.008311	-0.000858	-0.006179	-0.001470	0.020269	-0.011234
	0.005760	0.027815	0.022996	0.017369	-0.024919	-0.001807
	0.028167	-0.041158	-0.001435	0.015340	-0.026534	0.033636
	-0.013414					
x463	-0.014057	0.008617	0.015460	0.045324	-0.054306	-0.010486
	0.028298	0.023894	0.004958	-0.005695	-0.054242	0.026577
	-0.006567	0.009811	0.009853	-0.029209	0.007061	0.024091
	0.019036	0.020877	-0.014800	0.000268	-0.043312	-0.051309
	0.035711	-0.011152	-0.009162	-0.028209	0.034935	0.035777
	-0.023356					
y463	0.018024	-0.010351	-0.042722	0.032677	-0.023536	0.012830
	0.024142	-0.000310	0.012796	0.040097	-0.024394	0.009830
	-0.012952	-0.002834	0.065393	-0.023965	0.038948	-0.019972
	-0.020891	0.032330	-0.032455	0.012807	0.028209	0.009213
	0.027148	-0.022034	-0.009395	0.014876	0.015602	0.019855
	-0.043492					
z463	0.003316	0.030188	-0.050680	0.014424	0.017563	-0.006650
	0.034997	0.020191	-0.065671	-0.026231	-0.023273	0.013536
	-0.007888	-0.005637	-0.002900	-0.004249	0.015207	-0.009011
	-0.004652	0.053509	0.018271	0.008668	-0.023388	-0.012932
	0.028533	-0.031931	0.007755	0.011278	-0.020792	0.037942
	-0.041647					
x464	-0.021045	0.011417	0.027140	0.044621	-0.045438	-0.008169
	0.023400	0.021379	0.007944	-0.008666	-0.052348	0.020304
	-0.001496	0.007893	0.014999	-0.027652	0.005856	0.026334
	0.005619	0.018264	-0.010791	-0.004224	-0.036327	-0.046279
	0.034589	-0.011298	0.006622	-0.019809	0.026511	0.039471
	-0.017153					

y464	0.015782	-0.018148	-0.035200	0.031811	-0.024763	0.017687
	0.023068	-0.008073	0.010672	0.036066	-0.030391	0.005907
	-0.011406	0.005807	0.072687	-0.018407	0.037539	-0.026305
	-0.034786	0.028814	-0.037295	0.027022	0.031792	0.008545
	0.052813	-0.032991	0.009791	0.008262	0.009979	0.022404
	-0.044844					
z464	-0.001221	0.027075	-0.052978	0.022233	0.008203	-0.000944
	0.037740	0.020859	-0.062296	-0.011269	-0.017138	0.012314
	-0.004869	-0.012588	-0.002475	-0.007544	0.007353	-0.008007
	-0.011298	0.066016	0.009105	0.004661	-0.021914	-0.020002
	0.024993	-0.010237	0.001571	0.006336	-0.023129	0.037082
	-0.032069					
x465	-0.026179	0.014889	0.034993	0.044779	-0.037370	-0.003762
	0.016300	0.017727	0.010793	-0.012238	-0.051485	0.012853
	0.003674	0.005435	0.020560	-0.027886	0.004171	0.025528
	-0.000486	0.014199	0.000017	-0.005167	-0.023077	-0.038273
	0.029694	-0.016230	0.020485	-0.017850	0.018158	0.035545
	-0.021662					
y465	0.012991	-0.024001	-0.028292	0.030552	-0.023840	0.019667
	0.020417	-0.014034	0.009811	0.030748	-0.032243	0.001327
	-0.009472	0.011320	0.076625	-0.012426	0.036915	-0.028694
	-0.048124	0.021273	-0.041006	0.034078	0.028864	0.008778
	0.071407	-0.036863	0.025885	0.001517	0.002043	0.025705
	-0.040994					
z465	-0.002789	0.025237	-0.055514	0.029209	-0.001200	0.006347
	0.033920	0.018148	-0.055612	-0.000397	-0.011763	0.006703
	-0.001251	-0.020714	-0.001206	-0.009917	0.000304	-0.009002
	-0.013403	0.067714	0.012225	0.001488	-0.009757	-0.021707
	0.015286	-0.002217	0.002383	-0.008140	-0.023873	0.023448
	-0.038740					
x466	-0.034070	0.018257	0.041866	0.042828	-0.030399	0.001909
	0.012482	0.019036	0.011785	-0.015874	-0.048763	0.005203
	0.001722	0.001293	0.029717	-0.023474	0.006688	0.028821
	-0.002414	0.004962	0.006797	-0.002707	-0.010965	-0.037874
	0.027220	-0.014851	0.013231	-0.015471	0.009280	0.028852
	-0.018186					
y466	0.011731	-0.027366	-0.022740	0.030821	-0.019950	0.020833
	0.014128	-0.019501	0.010396	0.027289	-0.029672	0.002158
	-0.006646	0.018053	0.074950	-0.008905	0.032518	-0.030334
	-0.050983	0.022061	-0.043389	0.039301	0.032502	0.006678
	0.078624	-0.044905	0.043401	-0.001020	-0.003688	0.024992
	-0.038067					

z466	-0.008885	0.025260	-0.055234	0.034179	-0.007837	0.017483
	0.030531	0.020239	-0.051407	0.008191	-0.005655	-0.000002
	-0.003930	-0.027416	0.002136	-0.000849	-0.002304	-0.002024
	-0.008338	0.068766	0.009492	0.006688	0.004682	-0.020936
	0.003685	0.003518	-0.018807	-0.009613	-0.030266	0.004618
	-0.026172					
x467	-0.038378	0.021516	0.044925	0.041391	-0.023114	0.004833
	0.012682	0.017615	0.013547	-0.016840	-0.041513	0.001484
	0.001558	0.003372	0.035217	-0.023264	0.007959	0.026391
	-0.001913	0.002560	0.012543	-0.000283	-0.001552	-0.034551
	0.031728	-0.016059	0.015174	-0.007977	0.006532	0.027703
	-0.012306					
y467	0.007663	-0.029867	-0.015959	0.028989	-0.016420	0.019776
	0.008277	-0.022838	0.010850	0.016250	-0.028690	-0.002271
	-0.003618	0.017549	0.071131	-0.005391	0.030242	-0.029092
	-0.054760	0.011284	-0.042834	0.036315	0.028315	0.010422
	0.074851	-0.038323	0.049239	-0.005706	-0.018469	0.025719
	-0.032264					
z467	-0.008692	0.024699	-0.055365	0.039103	-0.011383	0.021428
	0.030790	0.020155	-0.044842	0.015142	-0.000044	-0.001030
	-0.002771	-0.026182	0.006327	0.003110	-0.008483	-0.010286
	-0.006145	0.068286	0.006799	0.007972	0.006383	-0.021301
	0.004696	-0.000434	-0.015639	-0.008469	-0.026050	0.003698
	-0.020286					
x468	-0.044839	0.023496	0.047076	0.039448	-0.017816	0.008298
	0.013726	0.016934	0.013484	-0.020484	-0.037185	-0.002317
	0.001733	0.000112	0.037477	-0.024082	0.014696	0.024919
	-0.008392	-0.004690	0.016147	-0.001544	0.005455	-0.030288
	0.022505	-0.004964	0.011199	-0.004177	-0.003706	0.026401
	-0.012540					
y468	0.007233	-0.029170	-0.012214	0.028381	-0.008200	0.018717
	-0.002797	-0.024876	0.013204	0.008867	-0.019575	0.000871
	-0.002227	0.022868	0.064236	-0.004167	0.025761	-0.024240
	-0.044629	0.011146	-0.037059	0.033368	0.036415	0.000363
	0.070702	-0.046407	0.058008	-0.008004	-0.017658	0.017151
	-0.028171					
z468	-0.009819	0.023231	-0.053670	0.043142	-0.014560	0.024742
	0.028843	0.018840	-0.038540	0.016806	0.001756	-0.002691
	-0.000845	-0.028524	0.003299	0.007424	-0.006078	-0.012062
	-0.015130	0.057413	0.001903	0.003455	0.006777	-0.019537
	-0.011217	0.004974	-0.013592	-0.012176	-0.027411	0.001603
	-0.022975					

x469	-0.047823	0.027121	0.045072	0.037432	-0.011131	0.009133
	0.015505	0.018810	0.012607	-0.023715	-0.026649	-0.005876
	0.000235	0.001186	0.035891	-0.024779	0.018879	0.026667
	-0.010527	-0.004084	0.019810	-0.003025	0.014775	-0.025362
	0.021614	0.000058	0.013793	0.000682	-0.007531	0.019168
	-0.005799					
y469	0.003617	-0.027551	-0.007095	0.025974	-0.000085	0.014931
	-0.013547	-0.025572	0.015719	-0.004791	-0.011589	-0.001270
	0.000442	0.021079	0.055271	-0.002463	0.023577	-0.016118
	-0.039743	-0.002253	-0.028214	0.022827	0.033164	-0.001028
	0.054067	-0.035760	0.056952	-0.013079	-0.027689	0.015194
	-0.019653					
z469	-0.006465	0.024106	-0.053271	0.046484	-0.012897	0.023842
	0.023935	0.021072	-0.033146	0.013531	0.007003	-0.004348
	0.000352	-0.022819	-0.004517	0.014180	-0.006529	-0.008134
	-0.021884	0.052782	0.006007	-0.002828	0.008901	-0.013297
	-0.015818	-0.001394	0.001933	-0.013150	-0.017966	-0.006303
	-0.014704					
x470	-0.052509	0.029464	0.040010	0.037502	-0.006863	0.011585
	0.017635	0.016112	0.012097	-0.024306	-0.017338	-0.005489
	-0.002434	-0.000044	0.033634	-0.023070	0.017602	0.021749
	-0.010820	-0.000338	0.026963	-0.006025	0.021512	-0.011385
	0.013611	0.019406	0.008566	0.004810	-0.018657	0.013315
	0.003088					
y470	0.001441	-0.023250	-0.003778	0.023778	0.009659	0.011195
	-0.025757	-0.022478	0.021848	-0.019355	-0.001469	-0.000024
	0.001437	0.018127	0.042986	-0.000740	0.018562	-0.003127
	-0.023268	-0.011426	-0.018698	0.009213	0.033946	-0.008623
	0.030543	-0.024882	0.051103	-0.016511	-0.030254	0.008977
	-0.009724					
z470	-0.004555	0.024229	-0.052189	0.052322	-0.011724	0.023286
	0.017818	0.018118	-0.024714	0.011805	0.007598	0.000831
	0.000812	-0.020691	-0.011685	0.024905	-0.016206	-0.013191
	-0.023445	0.047512	0.012013	-0.014297	0.007241	0.007167
	-0.026139	0.003518	0.008878	-0.018417	-0.018644	-0.012159
	-0.007839					
x471	-0.057050	0.029836	0.035397	0.035694	-0.002840	0.010809
	0.019403	0.011239	0.008745	-0.021438	-0.003882	-0.001977
	-0.003363	-0.002988	0.034527	-0.028267	0.021912	0.018321
	-0.000453	-0.003807	0.020690	-0.006854	0.032858	-0.001994
	0.020634	0.034251	-0.003730	0.011694	-0.029891	0.010274
	0.003569					

y471	-0.001747	-0.017419	0.000171	0.021816	0.023354	0.003163
	-0.041251	-0.020308	0.025234	-0.033454	0.013705	-0.000387
	0.005012	0.012615	0.025077	-0.003849	0.017768	0.008622
	-0.000847	-0.022707	-0.003799	-0.007500	0.032828	-0.014602
	0.000000	-0.020147	0.042136	-0.013837	-0.038836	-0.004137
	0.004486					
z471	-0.002070	0.022444	-0.046249	0.055814	-0.008359	0.018134
	0.008070	0.009644	-0.017268	0.012394	0.012175	0.007112
	0.005067	-0.018229	-0.014432	0.030308	-0.017834	-0.019314
	-0.017392	0.027013	0.004975	-0.022405	0.013148	0.023702
	-0.020005	-0.006627	0.018872	-0.018031	-0.019634	-0.015621
	-0.010256					
x472	-0.056494	0.035762	0.032861	0.034542	-0.003436	0.011331
	0.012558	0.003534	0.007516	-0.014935	-0.002694	-0.002542
	-0.009893	0.005224	0.022074	-0.007878	0.029318	-0.002025
	0.006809	-0.008959	0.015423	-0.009312	0.037890	0.002168
	0.020078	0.039397	-0.003230	0.019815	-0.022755	0.011761
	0.014899					
y472	-0.006728	-0.016277	0.008328	0.023086	0.030810	0.005361
	-0.030617	-0.009897	0.016536	-0.035819	0.019476	-0.006421
	-0.002003	0.013628	0.034000	-0.024863	0.026886	0.012770
	-0.003072	-0.017425	0.006199	-0.010523	0.026912	-0.017067
	-0.004680	-0.030758	0.023901	-0.007731	-0.024633	-0.010256
	0.005846					
z472	0.000224	0.016934	-0.043085	0.055731	-0.004502	0.013971
	0.003379	0.012471	-0.014240	0.003439	0.022468	0.005178
	-0.002513	-0.011976	-0.013144	0.025575	-0.009447	-0.024478
	-0.009226	0.023128	0.001767	-0.020473	0.007490	0.043009
	-0.011054	-0.018268	0.003200	-0.000757	-0.014479	-0.023815
	0.016947					
x473	-0.053045	0.039366	0.031292	0.032536	-0.004110	0.012521
	0.003742	-0.003755	0.005213	-0.001275	-0.010833	-0.000188
	-0.009837	0.006039	0.012055	0.005372	0.033895	-0.013667
	0.009816	-0.010068	0.010885	-0.014110	0.048085	0.004720
	0.018078	0.041566	-0.003026	0.021665	-0.020953	0.032394
	-0.000752					
y473	-0.010681	-0.015467	0.014651	0.022967	0.036456	0.008416
	-0.022264	-0.000494	0.010573	-0.038815	0.021999	-0.009102
	-0.007129	0.011920	0.041121	-0.044183	0.037130	0.014650
	-0.001760	-0.009956	0.012337	-0.011264	0.025674	-0.017182
	-0.008218	-0.037798	0.009305	0.001854	-0.014673	-0.009540
	0.004803					

z473	0.004447	0.010833	-0.038930	0.053702	-0.000952	0.010432
	-0.001510	0.014201	-0.013625	0.004469	0.021406	0.005235
	-0.001364	-0.013964	-0.010121	0.014133	-0.002271	-0.024885
	-0.006028	0.023336	-0.001353	-0.024522	0.006374	0.056158
	-0.004963	-0.019774	-0.012097	0.009591	-0.017200	-0.007689
	0.014581					
x474	-0.048366	0.042176	0.029504	0.030199	-0.003648	0.012501
	-0.004193	-0.009245	0.005021	0.010324	-0.014829	0.003457
	-0.009222	0.009894	0.002482	0.023544	0.034114	-0.024048
	0.013634	-0.011687	0.009560	-0.017928	0.050012	-0.000723
	0.016282	0.038083	0.006624	0.021046	-0.015771	0.032343
	-0.007771					
y474	-0.015214	-0.014485	0.019615	0.022760	0.041046	0.010388
	-0.014027	0.006237	0.005632	-0.041650	0.022895	-0.011925
	-0.011115	0.010642	0.045672	-0.056564	0.045060	0.015303
	-0.003949	-0.009215	0.014568	-0.012720	0.019918	-0.015242
	-0.012142	-0.037214	-0.003055	0.007216	-0.006203	-0.009043
	0.008773					
z474	0.010409	0.006541	-0.035197	0.050100	0.004814	0.008538
	-0.008355	0.016760	-0.012462	0.008514	0.025629	0.013478
	0.001541	-0.006004	-0.011288	0.013041	0.000325	-0.027172
	0.000854	0.028891	0.000030	-0.027402	0.007782	0.049533
	0.001278	-0.034007	-0.010682	0.014704	-0.009850	-0.021335
	0.008014					
x475	-0.044034	0.044358	0.025661	0.028460	-0.004109	0.010893
	-0.011187	-0.014652	0.005748	0.020882	-0.017939	0.006069
	-0.008631	0.012831	-0.004892	0.043283	0.027900	-0.029204
	0.014513	-0.013716	0.002302	-0.015808	0.047483	0.000399
	0.016037	0.032835	0.011674	0.013063	-0.011770	0.038854
	-0.017341					
y475	-0.018898	-0.012468	0.022266	0.022090	0.044539	0.011678
	-0.007776	0.010622	0.002771	-0.041257	0.023256	-0.012115
	-0.014452	0.010457	0.047398	-0.061840	0.050263	0.015739
	-0.003648	-0.006384	0.012686	-0.009418	0.016132	-0.012486
	-0.013856	-0.036436	-0.009822	0.009125	0.000850	-0.008219
	0.005933					
z475	0.013253	0.003735	-0.032404	0.045812	0.007764	0.004718
	-0.013889	0.017332	-0.013093	0.013129	0.027372	0.017636
	0.003194	-0.002708	-0.010274	0.020641	-0.000518	-0.025017
	0.001688	0.031951	-0.000786	-0.022844	0.002160	0.048683
	0.008839	-0.045221	-0.016751	0.013513	-0.007225	-0.023548
	-0.001203					

x476	-0.037917	0.044445	0.023745	0.027925	-0.006962	0.010965
	-0.017398	-0.020255	0.011381	0.025294	-0.020941	0.013366
	-0.012575	0.017834	-0.012024	0.057136	0.020533	-0.031442
	0.009676	-0.020069	-0.003418	-0.017368	0.048340	0.007880
	0.013891	0.034958	0.014436	-0.003941	-0.010196	0.037501
	-0.018383					
y476	-0.021589	-0.009810	0.022983	0.021546	0.047443	0.013331
	-0.003004	0.012075	0.000780	-0.038288	0.020979	-0.007966
	-0.017944	0.013082	0.045015	-0.061409	0.053622	0.015700
	-0.005296	-0.005897	0.009437	-0.004923	0.012565	-0.008333
	-0.014974	-0.034775	-0.011978	0.003464	0.008987	-0.012977
	0.003722					
z476	0.015713	-0.000240	-0.026554	0.041039	0.006819	0.003802
	-0.017963	0.016393	-0.012214	0.009260	0.028932	0.025696
	0.000466	0.002299	-0.011773	0.023544	0.000123	-0.024723
	-0.006606	0.026314	-0.005350	-0.028760	0.000399	0.053007
	0.008729	-0.039988	-0.019108	0.004861	-0.008778	-0.032501
	0.002912					
x477	-0.030500	0.042522	0.020225	0.025676	-0.008857	0.012034
	-0.020207	-0.019153	0.014163	0.029521	-0.023258	0.017587
	-0.015358	0.024219	-0.016160	0.064539	0.018644	-0.031203
	0.009256	-0.020928	-0.005755	-0.017011	0.042020	0.013208
	0.011498	0.020810	0.012185	-0.004729	-0.007664	0.039239
	-0.012299					
y477	-0.024519	-0.006847	0.022504	0.019068	0.048336	0.013897
	0.002082	0.012473	-0.000237	-0.032634	0.017150	-0.003117
	-0.021674	0.013522	0.042848	-0.058184	0.058533	0.016032
	-0.005636	-0.005472	0.004464	0.002241	0.009723	-0.002065
	-0.016190	-0.032625	-0.014151	0.002203	0.007926	-0.011222
	0.000623					
z477	0.019611	-0.003106	-0.023024	0.033603	0.008233	0.006456
	-0.017560	0.020019	-0.013952	0.009308	0.031851	0.029893
	0.000410	0.013685	-0.007546	0.019868	0.005825	-0.024646
	-0.006929	0.036090	-0.000590	-0.026105	-0.000831	0.044718
	0.015896	-0.053152	-0.029946	0.010118	-0.005101	-0.031070
	-0.000086					
x478	-0.022827	0.038945	0.015806	0.026101	-0.010017	0.012158
	-0.023757	-0.017397	0.019681	0.032180	-0.020576	0.020732
	-0.017548	0.029136	-0.017872	0.068176	0.014837	-0.029780
	0.012286	-0.026898	-0.009408	-0.012893	0.030633	0.015723
	0.006838	0.012042	0.014733	-0.013436	-0.005248	0.037505
	-0.009462					

y478	-0.026912	-0.003617	0.019709	0.017834	0.049475	0.014189
	0.004950	0.009889	0.000194	-0.024110	0.014651	0.003589
	-0.024020	0.015001	0.037777	-0.047912	0.060044	0.014712
	-0.002963	-0.007212	-0.002869	0.011572	0.006382	0.000577
	-0.016227	-0.027762	-0.010586	-0.005026	0.011874	-0.011924
	-0.003251					
z478	0.020820	-0.006503	-0.019935	0.028341	0.008524	0.008419
	-0.016924	0.023286	-0.014802	0.007865	0.038392	0.029826
	0.000470	0.021521	0.000316	0.014078	0.012897	-0.024598
	-0.006835	0.032643	0.005686	-0.021245	-0.010387	0.031327
	0.016684	-0.046179	-0.032429	0.005171	-0.001412	-0.029950
	-0.006405					
x479	-0.015451	0.033795	0.012211	0.026230	-0.012060	0.012438
	-0.024030	-0.012365	0.024670	0.029916	-0.019256	0.020757
	-0.019531	0.025934	-0.017328	0.069545	0.007284	-0.023972
	0.011643	-0.035832	-0.012772	-0.010681	0.018147	0.025456
	0.000334	0.001947	0.009817	-0.023014	-0.013507	0.036551
	0.000124					
y479	-0.028727	0.000808	0.015405	0.015810	0.049053	0.014219
	0.007477	0.007039	0.002197	-0.014533	0.008931	0.011564
	-0.026648	0.012318	0.030980	-0.033910	0.060509	0.012179
	0.002403	-0.007583	-0.014438	0.025910	0.007398	0.008111
	-0.015421	-0.020496	-0.007571	-0.014143	0.003085	-0.008341
	-0.015214					
z479	0.019835	-0.008731	-0.014585	0.021267	0.006415	0.010584
	-0.010313	0.031517	-0.019016	0.000820	0.041470	0.023826
	0.001637	0.015364	0.009540	0.007437	0.014280	-0.021948
	-0.010438	0.028842	0.011761	-0.018113	-0.011281	0.024002
	0.015778	-0.035990	-0.044640	-0.001468	-0.020014	-0.021230
	-0.015410					
x480	-0.004476	0.026525	0.006701	0.027210	-0.013145	0.012400
	-0.025503	-0.009104	0.028307	0.028027	-0.018971	0.021767
	-0.016960	0.026058	-0.018996	0.065573	-0.000579	-0.012531
	0.013279	-0.032418	-0.017159	-0.009443	0.007136	0.030315
	0.000950	-0.018546	0.012659	-0.025285	-0.010138	0.028368
	0.014427					
y480	-0.030515	0.005931	0.009147	0.014134	0.048356	0.013681
	0.009514	-0.000284	0.005172	-0.002857	0.002755	0.021987
	-0.028101	0.013478	0.020312	-0.014531	0.057371	0.008613
	0.006875	-0.007856	-0.026078	0.038098	0.005780	0.014335
	-0.014234	-0.013685	0.007528	-0.020931	0.000783	-0.012364
	-0.016646					

z480	0.021564	-0.010767	-0.012231	0.016161	0.006787	0.014361
	-0.005730	0.032273	-0.026684	-0.003252	0.043107	0.018236
	0.008422	0.018689	0.013809	-0.001973	0.018095	-0.018259
	-0.014458	0.041464	0.019200	-0.017421	-0.011363	0.001893
	0.021899	-0.034750	-0.042473	0.007023	-0.015923	-0.025054
	-0.012552					
x481	0.000176	0.023502	0.010140	0.027303	-0.012719	0.017340
	-0.030826	-0.012980	0.021090	0.031149	-0.003013	0.019593
	-0.011413	0.028082	-0.019803	0.054221	0.005050	0.001194
	0.009267	-0.028115	-0.011458	-0.020696	0.009975	0.013986
	0.005861	-0.032217	0.016014	-0.015167	-0.020575	0.018164
	0.003555					
y481	-0.029933	0.007291	0.007745	0.014041	0.048351	0.019314
	0.007624	-0.012430	0.004719	0.002722	0.001426	0.022523
	-0.027197	0.018121	0.015262	-0.012940	0.053948	0.007541
	0.008136	-0.012693	-0.023912	0.027210	-0.005259	0.010099
	-0.016052	-0.013998	0.012466	-0.028488	-0.003387	-0.009586
	-0.015152					
z481	0.022656	-0.010822	-0.015880	0.014736	0.008107	0.012662
	-0.000225	0.039449	-0.027410	-0.002436	0.037985	0.018233
	0.010164	0.012569	0.011845	-0.006108	0.009519	-0.011778
	-0.016614	0.051300	0.010414	-0.020539	-0.002556	-0.005402
	0.022009	-0.026619	-0.039290	0.011907	-0.017992	-0.014818
	-0.011068					
x482	0.003069	0.020715	0.012141	0.026420	-0.014073	0.019243
	-0.034526	-0.015655	0.019315	0.029950	0.008556	0.015134
	-0.003838	0.024053	-0.017030	0.045709	0.012430	0.012481
	-0.002592	-0.031187	-0.007426	-0.029651	0.001177	0.008683
	0.012398	-0.027368	0.021349	-0.012062	-0.025483	0.013144
	0.005602					
y482	-0.030839	0.008302	0.007212	0.013593	0.047962	0.023772
	0.006399	-0.023304	0.004638	0.005335	-0.000148	0.021038
	-0.024427	0.019944	0.013029	-0.010341	0.051717	0.005610
	0.005507	-0.022092	-0.022055	0.017157	-0.015332	0.009254
	-0.016573	-0.007213	0.014979	-0.033204	-0.004412	-0.011730
	-0.004205					
z482	0.022366	-0.010324	-0.020267	0.013161	0.008671	0.009098
	0.005062	0.043548	-0.023264	-0.003952	0.034255	0.015738
	0.017476	0.003650	0.011852	-0.008865	0.007886	-0.005533
	-0.026666	0.049354	-0.002151	-0.023578	-0.010753	-0.002040
	0.030860	-0.002606	-0.030151	0.013408	-0.010217	-0.007834
	0.013460					

x483	0.005537	0.018575	0.014528	0.027926	-0.014783	0.020661
	-0.034164	-0.017981	0.017570	0.033227	0.016127	0.012908
	0.001094	0.021390	-0.015692	0.039186	0.018235	0.016183
	-0.007487	-0.027840	-0.004736	-0.032732	-0.000588	0.000577
	0.011905	-0.038792	0.019593	-0.013036	-0.025147	0.005435
	0.002539					
y483	-0.030921	0.010190	0.007319	0.013700	0.047578	0.026743
	0.005970	-0.032553	0.002868	0.010634	-0.001324	0.021374
	-0.021789	0.020854	0.009710	-0.005584	0.049043	0.004946
	0.002192	-0.026930	-0.019545	0.009117	-0.019965	0.007456
	-0.018746	-0.007519	0.015951	-0.037000	-0.004454	-0.010743
	-0.003313					
z483	0.021697	-0.009777	-0.023286	0.014740	0.009787	0.005693
	0.015328	0.044044	-0.020350	0.000529	0.024557	0.016502
	0.023325	-0.002471	0.010195	-0.004623	0.007237	-0.008694
	-0.032267	0.051228	-0.007486	-0.021562	-0.009908	-0.004806
	0.028558	-0.003031	-0.027673	0.006060	-0.001681	-0.002559
	0.018198					
x484	0.007287	0.015339	0.016531	0.028614	-0.016201	0.020418
	-0.033603	-0.018826	0.015921	0.033239	0.023238	0.011013
	0.001201	0.020149	-0.012373	0.028209	0.023860	0.015624
	-0.011886	-0.023664	-0.002072	-0.032452	0.003672	-0.000437
	0.008551	-0.051501	0.011756	-0.008595	-0.027072	-0.001951
	-0.004834					
y484	-0.030679	0.011911	0.007945	0.014186	0.046408	0.028949
	0.004889	-0.039819	0.001291	0.013096	0.000096	0.022313
	-0.018833	0.021191	0.007429	-0.005670	0.048211	0.004361
	-0.002049	-0.031717	-0.018514	0.000224	-0.020251	0.008502
	-0.019311	-0.006853	0.015791	-0.034057	-0.007350	-0.006595
	-0.004881					
z484	0.020802	-0.011901	-0.025373	0.015974	0.009042	0.003516
	0.024067	0.043058	-0.015620	-0.001994	0.016081	0.020171
	0.024977	-0.004026	0.012314	-0.008016	0.007187	-0.017393
	-0.042421	0.051041	-0.005873	-0.018271	0.002739	0.000085
	0.023123	-0.006990	-0.033641	0.008214	0.000620	-0.001346
	0.011204					
x485	0.010310	0.012619	0.016873	0.027268	-0.017181	0.019857
	-0.033727	-0.017863	0.016141	0.030124	0.031464	0.008408
	-0.000085	0.021928	-0.008511	0.021827	0.021766	0.017829
	-0.016159	-0.016516	-0.002988	-0.028841	0.005712	-0.005708
	0.009175	-0.051811	0.011169	-0.011619	-0.031792	-0.008265
	-0.010417					

y485	-0.030512	0.014038	0.008971	0.014229	0.045151	0.031633
	0.002276	-0.045636	-0.000559	0.013051	0.003942	0.022450
	-0.015792	0.022126	0.006261	-0.007002	0.045354	0.005280
	-0.004021	-0.033891	-0.019235	-0.004731	-0.015657	0.004423
	-0.015772	-0.005383	0.014444	-0.030198	-0.012892	-0.009116
	-0.008162					
z485	0.021245	-0.012811	-0.027834	0.015395	0.009714	0.003084
	0.028143	0.042472	-0.010719	-0.004327	0.016497	0.020500
	0.025844	0.001615	0.014654	-0.009298	-0.000252	-0.018174
	-0.047690	0.051540	-0.009610	-0.014116	0.009513	0.000357
	0.024627	0.000663	-0.030844	0.005597	-0.007865	-0.003637
	0.005805					
x486	0.013602	0.010701	0.016320	0.024963	-0.018939	0.015531
	-0.032557	-0.012295	0.019676	0.031574	0.035313	0.009023
	-0.000567	0.017373	-0.006203	0.016750	0.018293	0.021267
	-0.017859	-0.007045	-0.013266	-0.028824	0.001985	-0.007623
	0.006940	-0.046002	0.006814	-0.016012	-0.044067	-0.004752
	0.000739					
y486	-0.030617	0.016785	0.010622	0.013739	0.042815	0.032785
	-0.000277	-0.048068	-0.003294	0.013298	0.007146	0.023636
	-0.013520	0.021749	0.004597	-0.007333	0.044665	0.006458
	-0.008430	-0.035516	-0.021251	-0.010738	-0.008894	-0.001635
	-0.012398	-0.002787	0.009261	-0.022285	-0.019713	-0.010304
	-0.009271					
z486	0.023119	-0.012365	-0.031041	0.013077	0.010849	-0.003343
	0.032957	0.043784	-0.005301	-0.000104	0.015433	0.027440
	0.028257	0.002493	0.012921	-0.007198	-0.003221	-0.014721
	-0.051983	0.047116	-0.024546	-0.016858	0.004459	0.003388
	0.026182	0.016666	-0.027985	0.002419	-0.034865	0.007919
	0.023697					
x487	0.016202	0.006538	0.016421	0.021399	-0.021418	0.011725
	-0.028266	-0.007039	0.021450	0.032908	0.034088	0.006699
	-0.002090	0.011175	-0.001639	0.012164	0.013078	0.023060
	-0.016036	0.004351	-0.014402	-0.022733	0.003197	-0.009167
	-0.001748	-0.049166	0.002582	-0.017041	-0.038704	-0.000970
	0.002824					
y487	-0.030985	0.020064	0.013713	0.011944	0.039814	0.033328
	-0.002279	-0.048069	-0.008382	0.015168	0.013055	0.023496
	-0.011649	0.020348	0.004629	-0.006667	0.045207	0.010175
	-0.011715	-0.032798	-0.019642	-0.012749	0.001702	-0.008098
	-0.008122	-0.005696	0.002440	-0.007943	-0.022113	-0.008591
	-0.012674					

z487	0.023123	-0.014637	-0.031706	0.008290	0.011126	-0.004620
	0.037586	0.042265	-0.001896	0.006094	0.007983	0.029756
	0.032433	0.004565	0.014212	-0.000801	-0.006420	-0.012954
	-0.053313	0.045894	-0.018615	-0.008470	0.010143	0.001227
	0.023587	0.013577	-0.028501	0.005389	-0.040078	0.010527
	0.026939					
x488	0.019505	0.001484	0.013822	0.016376	-0.023307	0.007300
	-0.026316	-0.000198	0.023646	0.031772	0.032974	0.002724
	-0.005506	0.001673	0.003916	0.010590	0.007172	0.027273
	-0.016235	0.012397	-0.016170	-0.014952	-0.002171	-0.006189
	-0.012355	-0.044758	0.003542	-0.025900	-0.017467	0.007320
	0.003950					
y488	-0.031570	0.022708	0.016998	0.010092	0.035681	0.034258
	-0.006141	-0.045783	-0.014168	0.015465	0.021175	0.022814
	-0.010043	0.014869	0.004555	-0.006696	0.048445	0.014302
	-0.013261	-0.030883	-0.019271	-0.011846	0.015003	-0.012400
	-0.006542	-0.005962	-0.005459	0.008378	-0.016802	-0.009384
	-0.020623					
z488	0.023822	-0.017654	-0.033256	0.001088	0.009785	-0.004531
	0.035412	0.038749	0.001162	0.011912	0.008562	0.027731
	0.034475	0.001114	0.012550	0.008110	-0.002170	-0.006582
	-0.051829	0.035108	-0.015847	-0.002518	0.003859	0.006243
	0.017998	0.018086	-0.019242	0.001912	-0.027154	0.010230
	0.025479					
x489	0.023609	-0.002939	0.010168	0.011033	-0.025253	0.002285
	-0.019879	0.006497	0.030247	0.031697	0.025850	-0.002093
	-0.007406	-0.009673	0.007435	0.010586	-0.003526	0.026169
	-0.011290	0.026884	-0.024136	-0.005987	-0.012665	0.004054
	-0.025798	-0.038618	-0.000290	-0.035838	-0.005977	0.018621
	0.012066					
y489	-0.030943	0.025402	0.019763	0.007273	0.032230	0.035186
	-0.008525	-0.043576	-0.019869	0.013775	0.027159	0.019368
	-0.006177	0.008496	0.004436	-0.008126	0.050385	0.019006
	-0.015478	-0.026924	-0.018305	-0.009830	0.027746	-0.013877
	-0.000823	-0.007830	-0.014297	0.024433	-0.013864	-0.008750
	-0.032469					
z489	0.026232	-0.020825	-0.037029	-0.004730	0.010967	-0.003430
	0.037866	0.031577	0.005403	0.020053	0.003988	0.026115
	0.038793	-0.000797	0.011708	0.014874	-0.002832	-0.003849
	-0.045892	0.029402	-0.013639	0.004302	-0.013615	0.016688
	0.013001	0.020398	-0.011112	-0.003618	-0.029638	0.019998
	0.025997					

x490	0.025067	-0.010244	0.006268	0.005597	-0.022383	-0.004414
	-0.014318	0.010785	0.035866	0.027778	0.017260	-0.001340
	-0.004364	-0.011849	-0.000722	0.011764	-0.005637	0.022963
	-0.010447	0.023707	-0.020107	-0.005561	-0.010529	0.001878
	-0.020071	-0.028077	0.012535	-0.033548	-0.013784	0.019721
	0.012498					
y490	-0.024618	0.024944	0.019968	0.000586	0.024816	0.032334
	-0.013458	-0.039715	-0.018908	0.011240	0.031192	0.014715
	-0.007588	0.004583	0.012831	-0.004186	0.042693	0.023476
	-0.011063	-0.012192	-0.016537	-0.003847	0.017570	-0.007213
	-0.005402	-0.007688	-0.017933	0.022445	-0.016716	-0.004167
	-0.039369					
z490	0.026652	-0.022560	-0.036751	-0.011471	0.009425	-0.003334
	0.041343	0.021281	0.004859	0.025531	0.003496	0.031306
	0.039897	-0.003762	0.009496	0.019792	-0.002514	-0.003124
	-0.038622	0.020908	-0.003559	0.001913	-0.005119	0.004634
	0.017191	0.013618	0.001570	-0.009653	-0.023601	0.012194
	0.012338					
x491	0.026101	-0.015295	0.002900	0.001188	-0.019361	-0.008724
	-0.009411	0.012756	0.040484	0.023004	0.009004	-0.002977
	-0.002986	-0.015080	-0.007461	0.010551	-0.006912	0.019063
	-0.006677	0.019349	-0.020208	-0.004526	-0.008250	-0.001525
	-0.017979	-0.019343	0.016345	-0.028991	-0.015924	0.018794
	0.016311					
y491	-0.018677	0.024704	0.019892	-0.004190	0.018966	0.029223
	-0.017074	-0.037586	-0.018124	0.007374	0.033181	0.009576
	-0.008463	0.001361	0.018824	-0.002281	0.036348	0.025212
	-0.005842	-0.001146	-0.016686	-0.000435	0.009657	-0.002470
	-0.011522	-0.007309	-0.024536	0.022173	-0.016882	-0.001920
	-0.041802					
z491	0.026591	-0.023287	-0.037149	-0.017347	0.008542	-0.001681
	0.044532	0.011251	0.002858	0.026108	0.000245	0.030467
	0.039461	-0.009107	0.008685	0.018385	0.000174	-0.004895
	-0.028282	0.010830	-0.005550	-0.000451	-0.000938	-0.005268
	0.015742	0.011959	0.001765	-0.007782	-0.015600	0.004303
	0.009028					
x492	0.026435	-0.018043	-0.000851	-0.002416	-0.017313	-0.011627
	-0.007473	0.014062	0.043887	0.020665	0.003858	-0.003158
	-0.003462	-0.018759	-0.012029	0.009270	-0.008050	0.016374
	-0.004571	0.015867	-0.018342	-0.003515	-0.006614	-0.005492
	-0.017664	-0.012506	0.017665	-0.022817	-0.016968	0.019391
	0.020568					

y492	-0.013512	0.024914	0.019834	-0.007724	0.012656	0.024958
	-0.021319	-0.035035	-0.017419	0.006287	0.034625	0.007075
	-0.011083	-0.002096	0.022627	0.000191	0.030595	0.026212
	-0.002225	0.008354	-0.015476	0.000679	0.003730	0.000348
	-0.018873	-0.005627	-0.031969	0.023502	-0.015786	0.001248
	-0.042131					
z492	0.026515	-0.021474	-0.038641	-0.023333	0.004242	0.000280
	0.042743	0.002556	0.001461	0.031139	0.002989	0.031413
	0.036771	-0.015593	0.004178	0.019788	0.004671	-0.004073
	-0.018025	0.005420	-0.005297	-0.004500	0.002878	-0.012590
	0.012127	0.010038	-0.001003	-0.002795	-0.007658	-0.003202
	0.006116					
x493	0.025362	-0.019648	-0.003729	-0.005796	-0.015554	-0.012397
	-0.006229	0.015080	0.046854	0.017792	0.000242	-0.003498
	-0.003594	-0.021084	-0.015193	0.006955	-0.010233	0.013252
	-0.003022	0.012131	-0.015728	-0.002030	-0.003877	-0.009551
	-0.017770	-0.008407	0.017828	-0.019785	-0.019955	0.019193
	0.022701					
y493	-0.009511	0.024198	0.021062	-0.010298	0.006976	0.020222
	-0.025021	-0.031913	-0.016454	0.005189	0.033969	0.006859
	-0.013327	-0.003317	0.022570	0.002176	0.025760	0.025938
	0.000683	0.016312	-0.015620	0.002220	0.000654	0.002400
	-0.025816	-0.004074	-0.037632	0.020911	-0.017835	0.002451
	-0.042720					
z493	0.023871	-0.020577	-0.038087	-0.029559	-0.002121	0.003573
	0.040392	-0.002669	0.000381	0.032756	0.004905	0.030513
	0.036645	-0.020935	-0.003849	0.020611	0.010472	-0.004052
	-0.012113	-0.003806	-0.009929	-0.008425	0.002886	-0.011422
	0.005048	0.010269	-0.006667	-0.006239	-0.010678	-0.008395
	0.003741					
x494	0.023875	-0.019965	-0.006821	-0.008225	-0.012439	-0.011420
	-0.006873	0.015764	0.049811	0.015159	-0.001218	-0.003937
	-0.004039	-0.021904	-0.016112	0.003951	-0.015086	0.009109
	-0.001148	0.008263	-0.012055	-0.001468	-0.003003	-0.016523
	-0.018483	-0.005079	0.018563	-0.017673	-0.016895	0.016296
	0.023647					
y494	-0.006002	0.022910	0.021930	-0.011364	0.004661	0.014684
	-0.027519	-0.029219	-0.013922	0.003515	0.032134	0.006034
	-0.014956	-0.002289	0.024267	0.002220	0.018421	0.025417
	0.004038	0.023671	-0.011281	0.002502	-0.000450	-0.000087
	-0.027791	0.002041	-0.040905	0.018905	-0.017095	0.004864
	-0.038643					

z494	0.022247	-0.019309	-0.039059	-0.035236	-0.003999	0.007163
	0.035252	-0.004939	0.001908	0.033516	0.009461	0.026243
	0.036515	-0.022175	-0.000215	0.015217	0.010940	-0.006830
	-0.004587	-0.008027	-0.009321	-0.009542	0.001267	-0.018232
	0.006094	0.012021	-0.007918	-0.004809	-0.006188	-0.007385
	0.008233					
x495	0.021467	-0.018429	-0.008791	-0.010199	-0.009746	-0.008966
	-0.006677	0.014484	0.051783	0.012090	-0.002004	-0.003396
	-0.006080	-0.022274	-0.018057	0.000809	-0.018986	0.006314
	-0.000096	0.005835	-0.007810	-0.001201	-0.002354	-0.024404
	-0.017480	-0.005008	0.019295	-0.015532	-0.015363	0.013501
	0.023446					
y495	-0.003333	0.021535	0.023864	-0.012197	0.002925	0.008161
	-0.027788	-0.027630	-0.010854	0.003307	0.028025	0.007896
	-0.017075	-0.000478	0.022000	0.002319	0.011991	0.024541
	0.006193	0.029527	-0.007667	0.001617	0.001908	-0.004369
	-0.028339	0.008574	-0.038127	0.017008	-0.020995	0.004990
	-0.036048					
z495	0.019713	-0.016920	-0.037629	-0.041409	-0.007779	0.010116
	0.032276	-0.007795	0.004164	0.033742	0.015187	0.022507
	0.034937	-0.023292	-0.003621	0.011102	0.015105	-0.006344
	0.001039	-0.008599	-0.010360	-0.012031	-0.000945	-0.019400
	0.009374	0.016011	-0.007118	-0.004420	-0.013305	-0.005294
	0.009988					
x496	0.018601	-0.015283	-0.010163	-0.010376	-0.006796	-0.004706
	-0.007689	0.012772	0.052966	0.008212	-0.001942	-0.002456
	-0.009814	-0.021891	-0.017673	-0.002212	-0.023917	0.003315
	0.002171	0.002815	-0.002594	-0.002664	-0.003043	-0.033040
	-0.016824	-0.007987	0.017754	-0.016241	-0.008536	0.010159
	0.024748					
y496	-0.000954	0.019929	0.025299	-0.010540	0.002458	0.001813
	-0.026259	-0.025323	-0.007365	0.002042	0.022610	0.011413
	-0.019855	0.002083	0.017852	0.003731	0.004769	0.022682
	0.009046	0.031440	-0.006541	-0.005971	0.005323	-0.008664
	-0.029715	0.013610	-0.034580	0.013512	-0.019351	0.004577
	-0.029370					
z496	0.018361	-0.013972	-0.034479	-0.044912	-0.011034	0.013883
	0.026959	-0.004497	0.007031	0.030810	0.019821	0.020479
	0.028957	-0.022865	-0.005560	0.007315	0.019727	-0.006810
	0.011138	-0.011015	-0.017962	-0.019376	-0.010281	-0.016390
	0.010396	0.017753	-0.006476	-0.007287	-0.008299	0.001230
	0.016505					

x497	0.015158	-0.010923	-0.011349	-0.009014	-0.003962	0.001219
	-0.010407	0.009425	0.052998	0.004725	-0.001030	-0.001424
	-0.013544	-0.021262	-0.015554	-0.004664	-0.029281	0.000428
	0.002292	-0.000836	0.005262	-0.004314	-0.003419	-0.042287
	-0.016421	-0.012409	0.014895	-0.018449	-0.000625	0.003659
	0.023015					
y497	0.000862	0.017650	0.025813	-0.007527	0.003062	-0.005347
	-0.024417	-0.026402	-0.003627	0.000603	0.014927	0.014285
	-0.020067	0.004047	0.013009	0.005176	-0.005891	0.018804
	0.007892	0.030067	-0.000772	-0.015680	0.012681	-0.016177
	-0.029293	0.017911	-0.031637	0.005365	-0.019398	0.002669
	-0.023790					
z497	0.016574	-0.010894	-0.031459	-0.046719	-0.014008	0.017310
	0.017937	-0.004125	0.011107	0.026325	0.023965	0.014559
	0.023406	-0.021598	-0.002785	0.002310	0.018764	-0.008907
	0.012735	-0.014820	-0.016462	-0.025140	-0.017926	-0.014888
	0.013064	0.020607	-0.009940	-0.017729	-0.007602	0.011352
	0.010264					
x498	0.011514	-0.004974	-0.011850	-0.006859	-0.001358	0.008758
	-0.012987	0.005306	0.051124	0.002961	0.000884	0.000841
	-0.018408	-0.020031	-0.011238	-0.006206	-0.035340	-0.001330
	0.003817	-0.002889	0.015044	-0.005298	-0.003177	-0.051929
	-0.017578	-0.019902	0.009990	-0.019495	0.006852	-0.005349
	0.019470					
y498	0.001447	0.014977	0.025962	-0.002900	0.003333	-0.012929
	-0.020796	-0.029349	-0.000852	0.000510	0.004585	0.018852
	-0.019325	0.003461	0.007495	0.008381	-0.017746	0.014221
	0.005596	0.027513	0.005182	-0.024555	0.021776	-0.024957
	-0.027617	0.019739	-0.028376	-0.003123	-0.021162	-0.007169
	-0.011603					
z498	0.014729	-0.006527	-0.027787	-0.045442	-0.019572	0.020494
	0.007802	-0.005020	0.011837	0.024374	0.025469	0.012588
	0.015661	-0.022328	0.000306	0.001556	0.013138	-0.010109
	0.018268	-0.009811	-0.009119	-0.024309	-0.026881	-0.010505
	0.016236	0.020393	-0.016987	-0.025254	-0.014931	0.002126
	0.015184					
x499	0.005513	0.000334	-0.014267	-0.011423	-0.000642	0.018905
	-0.012455	0.008606	0.047339	0.007304	0.000189	0.004481
	-0.018314	-0.018642	-0.009409	-0.004962	-0.027433	0.004389
	0.006775	-0.011057	0.010341	0.003117	-0.009285	-0.044792
	-0.021000	-0.022004	-0.001925	-0.013470	0.004217	-0.007981
	0.030312					

y499	0.001029	0.015042	0.021593	-0.000127	0.001637	-0.013279
	-0.022349	-0.031262	0.003338	-0.000336	-0.000366	0.017202
	-0.018330	0.006025	0.010248	0.013130	-0.016872	0.010887
	-0.000165	0.028682	0.003056	-0.025463	0.021021	-0.030015
	-0.028365	0.017975	-0.026576	-0.009061	-0.018058	-0.002273
	-0.014248					
z499	0.011861	-0.001892	-0.025335	-0.039996	-0.019629	0.022994
	0.003106	-0.008553	0.012037	0.024344	0.022066	0.011319
	0.005721	-0.025001	-0.001800	0.002895	0.010681	-0.009347
	0.023304	-0.010802	-0.011637	-0.029549	-0.022953	-0.013597
	0.007745	0.016960	-0.008739	-0.028361	-0.024995	0.006374
	0.027691					
x500	0.000565	0.004703	-0.016109	-0.014993	-0.000010	0.027108
	-0.011978	0.011757	0.043823	0.010819	0.000296	0.008339
	-0.018230	-0.017003	-0.008433	-0.003904	-0.020989	0.007923
	0.008747	-0.016749	0.006882	0.010713	-0.014016	-0.039221
	-0.022608	-0.023821	-0.012503	-0.007447	0.002062	-0.009263
	0.035709					
y500	-0.000314	0.015007	0.017480	0.001801	0.000406	-0.012320
	-0.023225	-0.031547	0.007210	-0.000633	-0.004092	0.014709
	-0.017640	0.008436	0.013579	0.017494	-0.017099	0.009778
	-0.005053	0.029019	0.000999	-0.024551	0.020773	-0.033100
	-0.027995	0.016922	-0.026281	-0.011499	-0.011651	-0.000690
	-0.016942					
z500	0.008568	0.001736	-0.022727	-0.033994	-0.019843	0.027338
	-0.001097	-0.010162	0.012812	0.026598	0.020118	0.010086
	-0.003335	-0.025339	-0.002829	0.003491	0.001194	-0.004157
	0.024248	-0.008414	-0.013456	-0.031283	-0.017540	-0.015972
	0.000395	0.014804	-0.009021	-0.021713	-0.019112	0.002067
	0.028614					
x501	-0.003449	0.008179	-0.017312	-0.017254	0.000301	0.033427
	-0.011110	0.014562	0.040793	0.013226	0.000841	0.011673
	-0.018025	-0.015336	-0.008632	-0.002714	-0.014537	0.009194
	0.009343	-0.020449	0.005687	0.016374	-0.019578	-0.036174
	-0.021765	-0.025607	-0.020051	-0.002018	0.000622	-0.009679
	0.038419					
y501	-0.001763	0.015521	0.013236	0.002602	0.000384	-0.011262
	-0.023485	-0.030999	0.011123	-0.000445	-0.006102	0.012176
	-0.016619	0.011480	0.016179	0.020396	-0.017569	0.008045
	-0.008738	0.027150	-0.001871	-0.022728	0.019603	-0.033143
	-0.025493	0.016266	-0.028112	-0.015201	-0.007837	0.001716
	-0.021535					

z501	0.005954	0.006290	-0.020694	-0.030841	-0.018995	0.030348
	-0.005387	-0.008411	0.012802	0.026377	0.017686	0.004644
	-0.009782	-0.025614	-0.003457	0.004966	-0.005866	-0.001750
	0.031197	-0.007314	-0.015377	-0.029246	-0.016691	-0.011716
	-0.005160	0.013709	-0.009574	-0.009079	-0.017240	-0.008730
	0.032043					
x502	-0.006630	0.010888	-0.017563	-0.018787	0.000882	0.038685
	-0.010412	0.017155	0.037450	0.015995	0.002052	0.014163
	-0.017720	-0.012162	-0.009017	-0.002222	-0.011995	0.008656
	0.009790	-0.023529	0.005556	0.019028	-0.023374	-0.033907
	-0.020880	-0.025892	-0.025149	0.001853	-0.000876	-0.010111
	0.039092					
y502	-0.003324	0.016137	0.008681	0.002697	0.000417	-0.010377
	-0.023008	-0.029496	0.014987	-0.001446	-0.006875	0.009667
	-0.016327	0.012997	0.018093	0.023446	-0.016565	0.005127
	-0.011214	0.024993	-0.003420	-0.019756	0.016880	-0.033790
	-0.020366	0.014835	-0.030166	-0.016931	-0.004381	0.002756
	-0.023982					
z502	0.002993	0.010320	-0.019372	-0.026835	-0.018604	0.032248
	-0.007880	-0.009484	0.013342	0.023638	0.015428	-0.000400
	-0.015425	-0.026023	-0.003217	0.007104	-0.009168	0.002579
	0.029344	-0.001805	-0.019630	-0.021183	-0.010341	-0.010275
	-0.005271	0.012090	-0.014308	-0.006555	-0.017556	-0.009778
	0.022048					
x503	-0.008849	0.012791	-0.017091	-0.019420	0.001655	0.042448
	-0.009924	0.019825	0.034266	0.018429	0.004071	0.016531
	-0.017257	-0.008528	-0.009794	-0.001577	-0.010481	0.007126
	0.009358	-0.024419	0.006681	0.020808	-0.024884	-0.032669
	-0.018239	-0.025612	-0.028151	0.005153	-0.003011	-0.009965
	0.035964					
y503	-0.004991	0.016925	0.003851	0.001693	0.001062	-0.009443
	-0.021716	-0.026921	0.018754	-0.002369	-0.006416	0.006820
	-0.015594	0.013898	0.018726	0.025950	-0.016211	0.001417
	-0.011691	0.019841	-0.003891	-0.017339	0.012112	-0.032770
	-0.013817	0.013695	-0.032375	-0.017512	-0.001607	0.002497
	-0.023167					
z503	0.000347	0.013911	-0.018183	-0.022870	-0.017068	0.033232
	-0.010792	-0.010253	0.013180	0.022684	0.014301	-0.004439
	-0.019187	-0.026059	-0.002331	0.006296	-0.012323	0.004809
	0.024849	0.004530	-0.024807	-0.016193	-0.007631	-0.012291
	-0.003934	0.010462	-0.017796	-0.000773	-0.012464	-0.010875
	0.013450					

x504	-0.010394	0.013855	-0.015819	-0.018904	0.002050	0.044714
	-0.009764	0.022383	0.031361	0.019967	0.006318	0.018319
	-0.016907	-0.005307	-0.010928	-0.000605	-0.009408	0.004282
	0.007527	-0.023221	0.009627	0.021775	-0.025760	-0.032575
	-0.013055	-0.025165	-0.029228	0.008485	-0.005492	-0.008299
	0.029228					
y504	-0.006727	0.017969	-0.001242	-0.000246	0.002710	-0.008273
	-0.019877	-0.023751	0.022453	-0.002907	-0.004360	0.004462
	-0.014925	0.014978	0.018546	0.027568	-0.016369	-0.002966
	-0.010612	0.012129	-0.004317	-0.015162	0.006894	-0.030310
	-0.006574	0.012996	-0.035409	-0.018779	0.000615	0.001875
	-0.022990					
z504	-0.002574	0.017289	-0.017612	-0.019765	-0.016615	0.033764
	-0.010967	-0.011680	0.011780	0.021024	0.009055	-0.011861
	-0.022932	-0.025453	-0.001805	0.009851	-0.017352	0.007347
	0.022972	0.005386	-0.024246	-0.008685	-0.003828	-0.014666
	-0.004152	0.005971	-0.016035	0.002019	-0.007720	-0.013138
	0.011359					
x505	-0.011221	0.014203	-0.013761	-0.016559	0.002385	0.045500
	-0.009829	0.024807	0.028532	0.020982	0.008947	0.019655
	-0.016604	-0.002486	-0.012921	0.001083	-0.007601	0.001352
	0.003570	-0.018935	0.012855	0.022314	-0.027232	-0.034427
	-0.004023	-0.025003	-0.027715	0.011707	-0.007154	-0.005888
	0.018005					
y505	-0.008707	0.019260	-0.006519	-0.003101	0.004664	-0.007086
	-0.017463	-0.019227	0.026168	-0.004087	-0.001178	0.001539
	-0.014771	0.014944	0.017983	0.029289	-0.015733	-0.007986
	-0.007384	0.003131	-0.003307	-0.011904	-0.000293	-0.026949
	0.003377	0.011251	-0.038010	-0.017543	0.002607	0.000182
	-0.019334					
z505	-0.004541	0.020911	-0.018045	-0.017884	-0.013650	0.033267
	-0.011674	-0.012107	0.010803	0.020281	0.009282	-0.016272
	-0.022962	-0.022111	-0.001688	0.011305	-0.025559	0.006290
	0.019542	0.001687	-0.027223	-0.003699	-0.001292	-0.012137
	-0.006674	0.009908	-0.019291	-0.001819	-0.008702	-0.015544
	0.004098					
x506	-0.011020	0.013772	-0.011165	-0.013519	0.003025	0.045497
	-0.009380	0.027345	0.025797	0.021984	0.012042	0.019993
	-0.015770	0.001649	-0.015200	0.003123	-0.007442	-0.002961
	-0.000045	-0.012955	0.017100	0.021320	-0.027052	-0.036909
	0.006636	-0.023783	-0.022955	0.014747	-0.010149	-0.004496
	0.003401					

y506	-0.011108	0.020612	-0.011804	-0.006493	0.007333	-0.005163
	-0.013377	-0.013847	0.029775	-0.004147	0.003494	-0.001576
	-0.014013	0.015700	0.017077	0.030291	-0.014792	-0.011268
	-0.003168	-0.007748	-0.002645	-0.008490	-0.008332	-0.022249
	0.015724	0.011358	-0.041110	-0.016950	0.002459	-0.002511
	-0.018525					
z506	-0.005870	0.024806	-0.019599	-0.016347	-0.011152	0.029990
	-0.015375	-0.013254	0.010867	0.015728	0.006978	-0.020827
	-0.026146	-0.020620	-0.002802	0.013517	-0.031249	-0.000535
	0.014583	-0.003705	-0.025944	0.003700	0.000897	-0.009331
	-0.008266	0.009139	-0.022641	-0.004371	-0.003703	-0.014638
	0.003535					
x507	-0.009657	0.012674	-0.008086	-0.009913	0.003780	0.043736
	-0.009660	0.029763	0.022849	0.022105	0.015677	0.019976
	-0.015156	0.006318	-0.019069	0.005011	-0.009668	-0.009932
	-0.005219	-0.006752	0.022619	0.018909	-0.025534	-0.039214
	0.017533	-0.023179	-0.017302	0.016624	-0.012090	-0.001239
	-0.012999					
y507	-0.013740	0.022373	-0.017286	-0.011381	0.011122	-0.003530
	-0.008956	-0.007547	0.032763	-0.004890	0.009677	-0.004772
	-0.013423	0.015164	0.015096	0.029245	-0.016428	-0.016391
	0.000822	-0.021116	-0.000906	-0.004895	-0.015264	-0.016329
	0.027864	0.010332	-0.047330	-0.016944	0.004258	-0.004109
	-0.013938					
z507	-0.006688	0.027498	-0.021888	-0.014680	-0.010425	0.028271
	-0.016464	-0.013839	0.011933	0.013051	0.003783	-0.026356
	-0.026766	-0.016756	-0.002496	0.020685	-0.030460	-0.004006
	0.016471	-0.007773	-0.025106	0.013150	-0.005746	-0.005590
	-0.003988	0.009239	-0.018795	-0.000784	-0.005400	-0.020819
	-0.003123					
x508	-0.006429	0.012562	-0.004679	-0.008609	0.002037	0.042309
	-0.014620	0.028400	0.017942	0.026773	0.017401	0.018346
	-0.012074	0.012297	-0.014547	0.003821	-0.007735	-0.013817
	-0.008786	-0.005014	0.024118	0.024443	-0.020629	-0.035546
	0.013188	-0.023976	-0.019314	0.019643	-0.012613	0.010306
	-0.017985					
y508	-0.015600	0.019681	-0.017296	-0.013222	0.014855	-0.002780
	-0.002226	-0.000486	0.033443	-0.004169	0.008858	0.000540
	-0.011595	0.012023	0.016840	0.027187	-0.020361	-0.018685
	-0.002359	-0.018242	0.002183	-0.015327	-0.018716	-0.014680
	0.025524	0.008634	-0.041023	-0.010100	-0.004279	0.001060
	-0.020753					

z508	-0.007447	0.026858	-0.023918	-0.012596	-0.005897	0.024682
	-0.017018	-0.015795	0.015143	0.013428	0.001955	-0.024066
	-0.028960	-0.013402	0.000429	0.022139	-0.031079	-0.006979
	0.007998	-0.011378	-0.027548	0.014169	-0.005809	-0.005410
	-0.001011	0.012979	-0.019567	-0.002540	-0.004523	-0.015250
	-0.019961					
x509	-0.003417	0.012280	-0.001446	-0.007277	0.000202	0.040864
	-0.019242	0.026822	0.013349	0.030684	0.018058	0.015284
	-0.009303	0.016389	-0.010151	0.003567	-0.005454	-0.016241
	-0.011885	-0.003395	0.025051	0.028678	-0.015962	-0.031911
	0.009334	-0.023935	-0.022203	0.021097	-0.013163	0.019077
	-0.023166					
y509	-0.017063	0.017183	-0.016794	-0.014133	0.017565	-0.001619
	0.003324	0.005542	0.034323	-0.004193	0.008288	0.005431
	-0.009633	0.009566	0.018330	0.025465	-0.021970	-0.019389
	-0.003934	-0.015740	0.003477	-0.022182	-0.021997	-0.013743
	0.024848	0.008791	-0.034714	-0.003019	-0.008480	0.004522
	-0.026312					
z509	-0.007628	0.026049	-0.026509	-0.013131	-0.002162	0.020762
	-0.016972	-0.015195	0.015164	0.012714	-0.000678	-0.025718
	-0.029852	-0.015081	0.002812	0.026459	-0.033225	-0.010477
	0.003965	-0.011444	-0.023166	0.011712	-0.010328	-0.007046
	-0.002881	0.010950	-0.014221	-0.000832	-0.007360	-0.015154
	-0.024254					
x510	-0.000457	0.011908	0.001067	-0.006093	-0.001752	0.039590
	-0.023784	0.025657	0.009252	0.033953	0.018443	0.012266
	-0.007609	0.019588	-0.005742	0.003556	-0.002858	-0.018324
	-0.014084	-0.001000	0.024386	0.031061	-0.011116	-0.028748
	0.005740	-0.023653	-0.024215	0.021630	-0.012925	0.024385
	-0.025985					
y510	-0.018094	0.014853	-0.016235	-0.014234	0.018797	-0.000296
	0.008400	0.009994	0.033713	-0.004111	0.007843	0.008519
	-0.006371	0.007090	0.019379	0.024766	-0.023530	-0.019007
	-0.004473	-0.013846	0.004444	-0.026066	-0.025446	-0.015417
	0.024532	0.007983	-0.029586	0.002772	-0.009537	0.007397
	-0.032684					
z510	-0.007491	0.025224	-0.028608	-0.014640	0.002157	0.018052
	-0.017483	-0.013333	0.016616	0.011815	-0.001781	-0.024909
	-0.031791	-0.014679	0.005656	0.029212	-0.034201	-0.014303
	0.000048	-0.011224	-0.022616	0.007662	-0.011440	-0.005085
	-0.005741	0.011010	-0.007153	-0.000489	-0.009457	-0.014413
	-0.023454					

x511	0.002239	0.011364	0.003445	-0.005128	-0.004044	0.038727
	-0.028020	0.024240	0.004973	0.035693	0.017827	0.008402
	-0.005548	0.021066	-0.001930	0.003667	-0.000506	-0.019568
	-0.014945	0.000244	0.022883	0.031979	-0.006341	-0.025018
	0.002461	-0.021543	-0.026882	0.022765	-0.012390	0.027022
	-0.028024					
y511	-0.018738	0.012717	-0.015458	-0.014081	0.019078	0.001348
	0.011784	0.013429	0.032022	-0.003292	0.008276	0.009818
	-0.003097	0.005932	0.020634	0.025273	-0.025574	-0.018611
	-0.004928	-0.012218	0.005396	-0.028355	-0.027714	-0.016642
	0.021466	0.007918	-0.023782	0.006265	-0.009318	0.009700
	-0.034266					
z511	-0.007363	0.024005	-0.030270	-0.015885	0.005688	0.015788
	-0.015818	-0.011495	0.017639	0.009437	-0.004202	-0.023316
	-0.031198	-0.016721	0.007420	0.030087	-0.033298	-0.015799
	-0.002266	-0.013332	-0.025333	0.005231	-0.013744	-0.005084
	-0.004677	0.011275	-0.003042	0.000663	-0.009081	-0.011352
	-0.029314					
x512	0.005165	0.010806	0.005378	-0.004399	-0.006525	0.038103
	-0.032141	0.022632	0.000728	0.036414	0.016713	0.004352
	-0.003535	0.022374	0.001902	0.004400	0.001208	-0.020008
	-0.013948	0.002947	0.019791	0.032324	-0.000342	-0.022376
	0.001209	-0.019421	-0.029100	0.022950	-0.011079	0.025189
	-0.029299					
y512	-0.019380	0.011466	-0.014358	-0.013704	0.019602	0.003769
	0.014008	0.015580	0.031469	-0.002581	0.009134	0.010895
	-0.000735	0.004202	0.019455	0.024559	-0.026958	-0.016477
	-0.003727	-0.012195	0.006233	-0.028048	-0.030083	-0.018003
	0.015873	0.006197	-0.016456	0.010024	-0.003726	0.012432
	-0.035602					
z512	-0.006178	0.022168	-0.032175	-0.017625	0.007496	0.013345
	-0.013457	-0.008780	0.015944	0.006800	-0.006335	-0.022379
	-0.028313	-0.017108	0.011015	0.032759	-0.032842	-0.017820
	-0.003181	-0.011619	-0.029559	0.003722	-0.015075	-0.008085
	-0.000295	0.010952	0.001803	0.000347	-0.010462	-0.009834
	-0.032608					
x513	0.008008	0.010385	0.006505	-0.003869	-0.008869	0.037063
	-0.036678	0.021660	-0.002681	0.037449	0.015398	-0.000239
	-0.002352	0.021954	0.005105	0.005695	0.003825	-0.019222
	-0.011739	0.004554	0.015870	0.031044	0.003300	-0.018366
	-0.000579	-0.014969	-0.030864	0.022874	-0.010314	0.020484
	-0.028236					

y513	-0.019159	0.009273	-0.012584	-0.012048	0.017321	0.006358
	0.015063	0.016588	0.027037	-0.002538	0.010118	0.009412
	0.003706	0.004301	0.020784	0.026563	-0.028694	-0.014342
	-0.001934	-0.010994	0.005503	-0.026617	-0.028414	-0.020565
	0.012183	0.006463	-0.015100	0.009759	0.003427	0.014742
	-0.034415					
z513	-0.005208	0.021563	-0.034543	-0.020668	0.010696	0.010774
	-0.010971	-0.005220	0.017227	0.005673	-0.007539	-0.020325
	-0.026593	-0.020427	0.011328	0.034082	-0.030455	-0.018060
	-0.002765	-0.012976	-0.032853	0.003512	-0.022568	-0.010239
	-0.000545	0.009274	0.013873	0.003041	-0.009606	-0.010310
	-0.031973					
x514	0.010578	0.009707	0.008249	-0.003492	-0.012409	0.036854
	-0.040168	0.019210	-0.007817	0.035439	0.012375	-0.005588
	-0.000178	0.021256	0.008208	0.008021	0.004929	-0.017749
	-0.008525	0.006611	0.010475	0.027883	0.007628	-0.014199
	-0.002224	-0.011720	-0.033966	0.021580	-0.007757	0.012571
	-0.027749					
y514	-0.018957	0.007957	-0.011086	-0.010738	0.016350	0.009114
	0.015008	0.017747	0.025740	-0.001412	0.011336	0.007064
	0.006098	0.003812	0.019955	0.026518	-0.028498	-0.010241
	0.002140	-0.010984	0.005235	-0.021013	-0.028552	-0.023786
	0.008013	0.008948	-0.008933	0.010032	0.012386	0.017225
	-0.034019					
z514	-0.003590	0.019493	-0.034614	-0.023716	0.010570	0.009437
	-0.005033	-0.004503	0.011344	0.000754	-0.008880	-0.019978
	-0.020987	-0.021167	0.012470	0.039216	-0.031377	-0.018525
	-0.003250	-0.011489	-0.040815	-0.000269	-0.026647	-0.012386
	0.000632	0.002083	0.020957	0.002596	-0.005670	-0.010222
	-0.029791					
x515	0.012574	0.008436	0.008733	-0.002741	-0.014885	0.036050
	-0.044725	0.017835	-0.010419	0.033854	0.008753	-0.012928
	-0.000443	0.017858	0.011096	0.010591	0.006892	-0.016741
	-0.005201	0.006715	0.004527	0.023467	0.013045	-0.009177
	-0.004825	-0.004711	-0.037864	0.018007	-0.005662	0.000944
	-0.026880					
y515	-0.017577	0.006728	-0.008834	-0.008755	0.012034	0.012420
	0.014005	0.017116	0.019831	-0.001248	0.013410	0.003833
	0.012213	0.005854	0.020396	0.029241	-0.028950	-0.005220
	0.008476	-0.008724	0.003823	-0.014150	-0.027872	-0.028593
	0.003665	0.010325	-0.004667	0.010107	0.025064	0.018292
	-0.028216					

z515	-0.003067	0.017763	-0.036765	-0.026107	0.012512	0.006828
	-0.002188	-0.000435	0.012370	-0.001011	-0.010162	-0.020052
	-0.017696	-0.027336	0.014122	0.040997	-0.029102	-0.019107
	-0.002733	-0.015549	-0.045690	-0.000772	-0.031690	-0.015238
	-0.002547	-0.000683	0.030129	-0.000336	-0.000841	-0.012681
	-0.029097					
x516	0.014503	0.007733	0.009214	-0.002103	-0.017611	0.035321
	-0.048630	0.015822	-0.013218	0.030876	0.005663	-0.020296
	-0.000369	0.013968	0.015147	0.012203	0.006722	-0.014175
	0.001853	0.009716	0.000042	0.021518	0.019918	-0.008771
	-0.006832	-0.001872	-0.040523	0.012843	0.001612	-0.011601
	-0.026461					
y516	-0.015743	0.005106	-0.006848	-0.006409	0.007123	0.016353
	0.011587	0.016082	0.013451	-0.000858	0.015138	-0.000646
	0.017687	0.007820	0.018573	0.033715	-0.027329	0.000416
	0.014565	-0.009159	-0.000167	-0.008081	-0.026393	-0.029741
	-0.001524	0.015410	-0.001870	0.009367	0.038063	0.015829
	-0.019746					
z516	-0.002551	0.016911	-0.038039	-0.029545	0.014593	0.004081
	0.003051	0.003420	0.013661	-0.004476	-0.009805	-0.019823
	-0.013156	-0.033328	0.015295	0.040618	-0.028908	-0.017554
	0.003540	-0.013867	-0.048516	0.003511	-0.038351	-0.024235
	-0.004706	-0.010960	0.046515	-0.002410	0.011049	-0.013038
	-0.028888					
x517	0.016014	0.007787	0.016087	0.003303	-0.021572	0.035630
	-0.052840	0.016384	-0.012354	0.026615	-0.003429	-0.012852
	-0.005734	0.002227	0.016100	0.006621	0.008507	-0.017942
	-0.002188	0.007950	-0.003360	0.023453	0.014265	-0.004713
	-0.014971	0.008435	-0.030648	-0.005720	0.005320	-0.022293
	-0.022786					
y517	-0.013005	-0.001341	0.005367	0.004688	0.003330	0.030649
	0.005588	0.026087	0.011586	0.003365	0.011779	-0.005079
	0.008403	0.008937	0.014334	0.030749	-0.026667	0.007104
	0.014339	-0.005586	0.007347	0.004693	-0.028417	-0.029066
	-0.005879	0.025843	-0.004167	-0.002759	0.050192	0.010187
	-0.016511					
z517	0.001086	0.011326	-0.032442	-0.028130	0.018771	-0.000246
	0.000285	0.015577	0.017636	-0.001148	-0.013294	-0.022649
	-0.014605	-0.017549	0.014984	0.030368	-0.028208	-0.001047
	0.011046	-0.008536	-0.029070	0.010952	-0.048720	-0.009459
	0.003197	0.004718	0.038481	-0.013397	0.010393	-0.022942
	-0.007723					

x518	0.017875	0.007258	0.019202	0.003983	-0.024001	0.031640
	-0.054199	0.015819	-0.012271	0.025786	-0.008679	-0.010281
	-0.009167	-0.009402	0.019022	0.002332	0.009240	-0.021774
	-0.011210	0.009924	-0.009472	0.020069	0.007720	0.001930
	-0.019766	0.009260	-0.025480	-0.020555	0.009131	-0.029969
	-0.011763					
y518	-0.010712	-0.005766	0.017585	0.015016	-0.000736	0.040405
	-0.002320	0.033410	0.008534	0.004335	0.006826	-0.005259
	-0.001008	0.012078	0.011903	0.025879	-0.024451	0.012427
	0.014852	-0.004433	0.014733	0.016656	-0.029186	-0.026654
	-0.010069	0.037981	-0.006347	-0.012473	0.059863	0.009082
	-0.014021					
z518	0.005281	0.004731	-0.026518	-0.028938	0.020537	-0.004259
	0.001721	0.023105	0.015590	0.000385	-0.014994	-0.029113
	-0.013774	-0.003658	0.014363	0.022534	-0.029796	0.012892
	0.011072	0.000494	-0.020929	0.012620	-0.053728	0.003285
	0.013419	0.008840	0.028064	-0.024572	0.009280	-0.025382
	0.014126					
x519	0.019450	0.006416	0.020736	0.002716	-0.022474	0.023320
	-0.056115	0.014195	-0.011718	0.022603	-0.016713	-0.007393
	-0.016961	-0.017494	0.018809	-0.002345	0.009463	-0.024359
	-0.014183	0.010613	-0.006525	0.015246	0.006845	0.008700
	-0.021497	0.009557	-0.024867	-0.026461	0.016384	-0.036772
	-0.006752					
y519	-0.008826	-0.008930	0.025647	0.022226	-0.006701	0.048089
	-0.008358	0.038287	0.004460	0.006748	0.006457	-0.007875
	-0.005448	0.009446	0.014818	0.023288	-0.023520	0.012091
	0.008661	-0.006487	0.009024	0.024141	-0.030022	-0.025308
	-0.014496	0.039023	-0.003288	-0.018430	0.065788	0.013610
	-0.012231					
z519	0.008394	-0.001751	-0.020373	-0.029758	0.023721	-0.008636
	0.000496	0.028696	0.015669	-0.000907	-0.021275	-0.032846
	-0.014284	0.006537	0.009074	0.010395	-0.031186	0.026671
	0.012987	0.005820	-0.009081	0.013293	-0.051941	0.012911
	0.020448	0.010045	0.019931	-0.030545	0.011409	-0.025124
	0.024491					
x520	0.021511	0.006714	0.020944	0.000400	-0.019797	0.014645
	-0.055015	0.012170	-0.013066	0.021999	-0.021591	-0.005120
	-0.020011	-0.018574	0.022079	-0.003384	0.011477	-0.024248
	-0.011445	0.008807	-0.012332	0.010610	0.001460	0.015225
	-0.017917	0.017257	-0.012388	-0.027750	0.012990	-0.050540
	-0.011490					

y520	-0.006348	-0.012510	0.033290	0.029117	-0.012681	0.053949
	-0.013959	0.042867	-0.000572	0.009494	0.005446	-0.010080
	-0.009263	0.007585	0.017850	0.022181	-0.022063	0.012642
	0.003372	-0.009503	0.003611	0.027883	-0.030613	-0.021007
	-0.015794	0.043984	0.002914	-0.022305	0.065809	0.012565
	-0.014169					
z520	0.010688	-0.007318	-0.014352	-0.030439	0.025697	-0.011677
	0.000075	0.033174	0.015049	-0.002820	-0.025500	-0.035956
	-0.015542	0.017771	0.005170	0.000490	-0.029753	0.036082
	0.013772	0.009151	-0.007055	0.014819	-0.047421	0.020721
	0.026317	0.010256	0.017962	-0.035952	0.006047	-0.027468
	0.027639					
x521	0.022181	0.007371	0.016920	-0.007329	-0.016244	0.002552
	-0.053648	0.007340	-0.013832	0.017765	-0.024374	-0.007023
	-0.023392	-0.022022	0.031892	-0.004505	0.009878	-0.029308
	-0.010773	0.005938	-0.009926	0.007576	0.004172	0.011568
	-0.009118	0.014848	-0.007560	-0.023919	0.012134	-0.056181
	-0.005539					
y521	-0.003053	-0.015357	0.040690	0.035303	-0.017914	0.056506
	-0.019377	0.046297	-0.006872	0.011765	0.006352	-0.011973
	-0.013004	0.002919	0.023327	0.019786	-0.023973	0.011919
	-0.001754	-0.013956	-0.004623	0.030490	-0.032476	-0.012799
	-0.010013	0.048681	0.005962	-0.024177	0.060605	0.016053
	-0.012864					
z521	0.011042	-0.012448	-0.008762	-0.032488	0.025534	-0.013958
	-0.001139	0.035116	0.014517	-0.010258	-0.030367	-0.039683
	-0.021099	0.027166	0.003663	-0.009070	-0.027717	0.037412
	0.010272	0.012209	-0.001524	0.019216	-0.031614	0.020664
	0.029607	0.001202	0.011339	-0.041213	0.002896	-0.027316
	0.031936					
x522	0.022771	0.009842	0.009647	-0.019229	-0.011383	-0.015975
	-0.050359	0.000255	-0.018990	0.011382	-0.023353	-0.005688
	-0.023987	-0.022411	0.039470	-0.004076	0.010898	-0.032490
	-0.010261	0.002951	-0.011942	-0.000717	0.006143	0.005007
	0.000001	0.007525	-0.002686	-0.021208	0.017895	-0.052985
	-0.006021					
y522	0.001272	-0.018312	0.047804	0.039358	-0.023908	0.057199
	-0.026189	0.050915	-0.016448	0.011493	0.009173	-0.013441
	-0.016323	-0.007428	0.029739	0.017572	-0.027396	0.007858
	-0.008802	-0.022642	-0.020299	0.029774	-0.033490	-0.005358
	-0.001791	0.046479	0.010941	-0.020158	0.055500	0.021345
	-0.010132					

z522	0.009841	-0.017684	-0.002617	-0.033852	0.024330	-0.015632
	-0.003639	0.034681	0.013361	-0.020503	-0.037420	-0.042170
	-0.028285	0.034659	-0.001121	-0.018847	-0.021947	0.034829
	0.001163	0.015018	0.003335	0.022509	-0.007872	0.015940
	0.027824	-0.016372	0.003646	-0.050254	0.005210	-0.022456
	0.023802					
x523	0.022591	0.016640	-0.003262	-0.034612	-0.002113	-0.047141
	-0.047250	-0.009016	-0.018453	0.012999	-0.016593	-0.002626
	-0.023282	-0.022523	0.051911	-0.002412	0.018711	-0.032214
	-0.006491	-0.002238	-0.021959	-0.016079	-0.013206	0.012304
	0.006545	0.010911	0.004185	-0.011557	0.002405	-0.041442
	0.007367					
y523	0.005815	-0.023422	0.054006	0.040093	-0.031288	0.056312
	-0.033965	0.053839	-0.031916	0.006794	0.014005	-0.015920
	-0.017509	-0.022754	0.038962	0.014660	-0.028214	0.002266
	-0.024259	-0.035303	-0.039937	0.023906	-0.028175	-0.003025
	0.010867	0.037979	0.023842	-0.016512	0.046265	0.023823
	-0.013339					
z523	0.007428	-0.020986	0.003870	-0.032899	0.022774	-0.017721
	-0.006042	0.030779	0.013704	-0.030798	-0.044317	-0.044539
	-0.033906	0.037612	-0.008259	-0.028403	-0.014357	0.027298
	-0.012189	0.018861	0.000972	0.025624	0.012750	0.013143
	0.020368	-0.034048	-0.001490	-0.059605	0.000733	-0.011223
	0.016538					
x524	0.022937	0.029238	-0.021483	-0.053147	0.011043	-0.088132
	-0.041530	-0.019914	-0.013655	0.023105	-0.009552	0.001863
	-0.024440	-0.009028	0.069688	0.004958	0.024599	-0.035047
	0.006596	-0.005980	-0.034211	-0.031700	-0.039102	0.031877
	0.008959	0.015571	0.005371	0.006291	-0.012617	-0.022781
	0.030546					
y524	0.008645	-0.027492	0.053731	0.035026	-0.040759	0.049189
	-0.038202	0.050793	-0.045887	0.003536	0.016103	-0.016360
	-0.016245	-0.029872	0.052918	0.011280	-0.025358	-0.007082
	-0.041274	-0.047217	-0.060467	0.016399	-0.014810	0.004501
	0.020907	0.018992	0.039541	-0.008390	0.033416	0.009029
	-0.016065					
z524	0.005314	-0.019388	0.006621	-0.031748	0.021619	-0.023667
	-0.005880	0.024575	0.017133	-0.037158	-0.042163	-0.042767
	-0.035964	0.040207	-0.018303	-0.033447	-0.011255	0.016468
	-0.025863	0.020850	-0.018272	0.027055	0.017987	0.014843
	0.012290	-0.043660	-0.001900	-0.064297	-0.009765	0.009085
	0.022883					

x525	0.019544	0.034664	-0.033121	-0.063937	0.022276	-0.107508
	-0.037482	-0.028591	-0.010922	0.016973	-0.014305	-0.001254
	-0.027293	-0.000092	0.073855	0.015608	0.027998	-0.048378
	0.018155	-0.006743	-0.022909	-0.037784	-0.028647	0.018881
	0.002470	0.012565	-0.006072	0.009649	0.001951	-0.015257
	0.024442					
y525	0.009555	-0.022268	0.042370	0.024389	-0.046608	0.028397
	-0.036765	0.039088	-0.051191	-0.002920	0.014527	-0.020811
	-0.015218	-0.039445	0.073293	0.011558	-0.024788	-0.025672
	-0.045038	-0.059061	-0.073171	-0.001283	-0.002744	0.019683
	0.028280	-0.005438	0.036967	0.001588	0.024158	0.014566
	0.004880					
z525	0.000986	-0.016919	0.004995	-0.034848	0.018894	-0.030334
	-0.004294	0.013952	0.021915	-0.043578	-0.035977	-0.034694
	-0.035673	0.041858	-0.025262	-0.033600	-0.008532	0.006347
	-0.040282	0.021515	-0.042177	0.020470	0.022839	0.007808
	0.006015	-0.052096	0.003403	-0.053418	-0.020047	0.030034
	0.019837					
x526	-0.001939	0.024342	-0.029910	-0.001857	0.000167	0.023126
	0.013362	0.001829	-0.027539	-0.020285	-0.001132	-0.008649
	-0.015285	0.003697	-0.015460	0.016593	0.000815	0.017494
	0.026543	-0.016727	-0.019452	0.006698	0.015364	-0.006649
	-0.014132	0.027046	-0.013042	0.018083	-0.024171	0.005000
	0.051762					
y526	-0.012838	0.000029	-0.006926	-0.027467	-0.007024	0.022630
	-0.028912	0.041266	0.001516	0.009204	0.012931	-0.004274
	0.006022	0.024027	0.017036	-0.004305	0.002359	0.010100
	-0.000078	-0.016616	0.040813	0.014379	-0.047200	-0.021564
	0.015704	0.022564	0.031788	-0.055862	0.014397	0.061976
	-0.013857					
z526	-0.001905	-0.024547	-0.025605	-0.007006	-0.000769	0.041773
	0.002592	-0.024713	0.025436	-0.005513	0.037648	-0.024743
	0.010346	-0.001895	-0.043974	-0.065678	-0.012315	0.032281
	-0.012972	0.021129	0.055010	-0.037483	-0.006722	0.026245
	-0.032919	0.009710	0.008411	0.053288	0.057987	-0.024665
	0.036117					
x527	-0.002594	0.023731	-0.027710	-0.002447	-0.003722	0.028615
	0.005681	0.003761	-0.029973	-0.014636	0.002638	-0.016585
	-0.014462	0.009502	-0.009616	0.004583	-0.003271	0.014155
	0.015958	-0.007829	-0.021111	0.015145	0.009228	-0.006526
	-0.014363	0.024737	-0.019887	0.022635	-0.015288	0.004345
	0.039595					

y527	-0.010910	-0.001074	-0.007092	-0.026596	-0.008744	0.023736
	-0.030937	0.037536	-0.006737	0.010349	0.010682	-0.008465
	0.008644	0.024752	0.012384	-0.000576	-0.001955	0.003300
	0.001638	-0.018918	0.043874	0.010727	-0.049123	-0.021474
	0.013375	0.020116	0.029209	-0.050766	0.020056	0.056424
	-0.005036					
z527	-0.005139	-0.031398	-0.026711	-0.003090	-0.002531	0.044718
	0.005232	-0.024004	0.020686	-0.005571	0.047132	-0.025496
	0.005507	-0.004987	-0.045552	-0.061225	-0.017324	0.032336
	-0.020072	0.031888	0.054291	-0.033203	-0.013987	0.038301
	-0.025544	0.003450	0.006589	0.045807	0.053543	-0.038151
	0.015279					
x528	-0.004878	0.025939	-0.024341	-0.007012	-0.000387	0.035142
	0.000898	0.005347	-0.023375	-0.011811	0.005553	-0.019418
	-0.016399	0.012943	-0.014027	-0.015283	-0.012081	0.015733
	0.006716	-0.002713	-0.019303	0.020051	-0.002059	-0.002498
	-0.015638	0.021390	-0.009096	0.027624	-0.009182	0.001734
	0.024646					
y528	-0.009202	-0.001524	-0.007781	-0.026811	-0.007498	0.025118
	-0.031948	0.032272	-0.011788	0.010704	0.007760	-0.010559
	0.011358	0.024083	0.005403	0.001155	-0.007445	-0.001303
	0.002655	-0.021708	0.047330	0.007807	-0.051901	-0.020690
	0.012426	0.018569	0.030163	-0.045416	0.022251	0.044032
	0.003048					
z528	-0.006489	-0.038834	-0.027820	0.002196	-0.008755	0.044819
	0.006133	-0.022748	0.010042	-0.005505	0.056095	-0.027214
	0.005922	-0.007376	-0.040049	-0.049550	-0.020853	0.028597
	-0.025777	0.042042	0.051698	-0.032223	-0.017403	0.046551
	-0.017228	0.001127	-0.003802	0.036266	0.048132	-0.050248
	0.004501					
x529	-0.007082	0.025250	-0.023050	-0.007175	-0.001456	0.040032
	-0.002499	0.007509	-0.019302	-0.010615	0.008117	-0.023448
	-0.014076	0.014330	-0.018904	-0.025584	-0.012824	0.015272
	-0.005509	0.003906	-0.017838	0.021037	-0.009535	-0.000113
	-0.006709	0.021462	-0.008028	0.034532	-0.002561	-0.005390
	0.006611					
y529	-0.007558	-0.002956	-0.009860	-0.023940	-0.007464	0.025770
	-0.032173	0.026122	-0.016028	0.010891	0.004464	-0.012004
	0.014896	0.020971	-0.000561	0.005972	-0.006388	-0.003980
	0.001427	-0.021350	0.048418	0.006945	-0.054419	-0.021999
	0.016931	0.017681	0.025948	-0.036921	0.023250	0.030645
	0.005797					

z529	-0.008060	-0.043274	-0.027626	0.005522	-0.011624	0.044611
	0.006921	-0.022943	0.003412	-0.006299	0.063001	-0.025510
	0.003803	-0.009515	-0.036293	-0.044301	-0.025429	0.026001
	-0.027463	0.048180	0.049482	-0.030038	-0.023881	0.053258
	-0.013561	-0.002287	-0.005966	0.028787	0.044440	-0.054597
	-0.002687					
x530	-0.008966	0.026005	-0.023689	-0.008613	-0.003060	0.043412
	-0.006050	0.009039	-0.018488	-0.010088	0.016330	-0.024648
	-0.010098	0.018522	-0.026171	-0.036417	-0.018105	0.013972
	-0.010579	0.005753	-0.017589	0.017853	-0.018080	0.007478
	-0.000419	0.026419	-0.009587	0.040102	-0.000865	-0.006780
	0.002340					
y530	-0.005670	-0.004217	-0.012848	-0.021161	-0.007035	0.026462
	-0.032899	0.019197	-0.020496	0.011155	0.001817	-0.012671
	0.018533	0.018450	-0.005908	0.009323	-0.006439	-0.006049
	0.002562	-0.021496	0.048121	0.006270	-0.054386	-0.023138
	0.018186	0.017156	0.019556	-0.029595	0.022586	0.020362
	0.012058					
z530	-0.009289	-0.047909	-0.026480	0.008445	-0.012303	0.043711
	0.008210	-0.024081	-0.000999	-0.006717	0.066221	-0.024068
	0.000429	-0.011501	-0.032193	-0.038315	-0.027851	0.023008
	-0.029931	0.052488	0.047816	-0.029820	-0.026178	0.058078
	-0.011756	-0.006334	-0.007061	0.020880	0.041802	-0.056271
	-0.007884					
x531	-0.011162	0.025664	-0.024185	-0.010042	-0.003804	0.045055
	-0.005975	0.008804	-0.019951	-0.005973	0.023141	-0.026650
	-0.010837	0.019375	-0.034235	-0.040273	-0.024353	0.014778
	-0.015758	0.011483	-0.010080	0.013252	-0.025144	0.016655
	0.001266	0.023702	-0.008913	0.033575	0.000673	-0.010521
	-0.006282					
y531	-0.003527	-0.005525	-0.015781	-0.017619	-0.005549	0.026190
	-0.032755	0.011552	-0.024472	0.014185	-0.002258	-0.013846
	0.020714	0.014004	-0.009754	0.015678	-0.005122	-0.006600
	0.002360	-0.019241	0.047277	0.008200	-0.054505	-0.025204
	0.017434	0.012952	0.013400	-0.025861	0.020470	0.012001
	0.014818					
z531	-0.010049	-0.050017	-0.024824	0.010489	-0.013155	0.041924
	0.007381	-0.025899	-0.004678	-0.008074	0.067703	-0.021318
	-0.000160	-0.011397	-0.028383	-0.033752	-0.030298	0.018587
	-0.030029	0.052239	0.044380	-0.032602	-0.028364	0.059335
	-0.010376	-0.007595	-0.008867	0.017775	0.038119	-0.052427
	-0.004855					

x532	-0.013837	0.025230	-0.024790	-0.011059	-0.004608	0.046607
	-0.007440	0.009898	-0.020268	-0.005995	0.031005	-0.026871
	-0.009657	0.022776	-0.042958	-0.047499	-0.028499	0.011311
	-0.017270	0.012531	-0.006156	0.004696	-0.029221	0.024772
	0.004194	0.023601	-0.005690	0.033228	0.002232	-0.007543
	-0.002971					
y532	-0.001001	-0.007186	-0.018940	-0.013353	-0.003352	0.025926
	-0.033712	0.004130	-0.027334	0.015868	-0.006754	-0.014875
	0.023574	0.009774	-0.011810	0.020561	-0.001338	-0.007992
	0.002552	-0.018448	0.043585	0.011143	-0.053502	-0.028807
	0.016647	0.009355	0.008363	-0.019684	0.019119	0.007205
	0.020323					
z532	-0.010190	-0.051589	-0.022654	0.011943	-0.012517	0.039060
	0.007350	-0.029415	-0.007735	-0.008149	0.067165	-0.017871
	-0.002026	-0.011833	-0.024127	-0.029318	-0.033095	0.014399
	-0.029506	0.049147	0.041344	-0.036291	-0.029963	0.060645
	-0.011006	-0.007629	-0.010317	0.011691	0.036742	-0.046248
	-0.002971					
x533	-0.016487	0.025162	-0.025389	-0.011947	-0.005788	0.046711
	-0.008497	0.009332	-0.021746	-0.006368	0.039423	-0.025554
	-0.007792	0.024937	-0.051680	-0.054006	-0.033954	0.007690
	-0.018792	0.011474	-0.001956	-0.005215	-0.033360	0.032219
	0.006600	0.024785	-0.003761	0.031756	0.006560	-0.003697
	-0.001381					
y533	0.001965	-0.008785	-0.022282	-0.008353	-0.000553	0.025204
	-0.034989	-0.004275	-0.029791	0.018067	-0.011456	-0.015624
	0.026802	0.004840	-0.012454	0.025516	0.003261	-0.008602
	0.000421	-0.017720	0.038658	0.016308	-0.052559	-0.033478
	0.015833	0.005923	0.002064	-0.013520	0.019245	0.003815
	0.022601					
z533	-0.010003	-0.052376	-0.019908	0.012409	-0.010363	0.035550
	0.007278	-0.032356	-0.009413	-0.007751	0.064561	-0.014233
	-0.004860	-0.011301	-0.020766	-0.024791	-0.035685	0.008289
	-0.026548	0.044031	0.038990	-0.042703	-0.030580	0.061840
	-0.013180	-0.008643	-0.008434	0.005855	0.033606	-0.036648
	0.006924					
x534	-0.019777	0.025194	-0.025039	-0.013367	-0.005457	0.046623
	-0.008289	0.008931	-0.022180	-0.005278	0.046312	-0.023472
	-0.007251	0.028089	-0.060079	-0.059848	-0.041853	0.001730
	-0.017842	0.008392	0.002924	-0.017653	-0.034189	0.040176
	0.006976	0.021484	0.000656	0.029835	0.013455	0.004892
	0.003035					

y534	0.005165	-0.010453	-0.025579	-0.002621	0.003259	0.024289
	-0.035897	-0.013206	-0.031228	0.021992	-0.017611	-0.015983
	0.030070	-0.001067	-0.010758	0.030927	0.008364	-0.009537
	-0.001631	-0.016227	0.031329	0.023193	-0.049880	-0.037916
	0.013797	0.001200	-0.005790	-0.007379	0.018281	0.002863
	0.025041					
z534	-0.009007	-0.051851	-0.017265	0.013026	-0.008403	0.030093
	0.006359	-0.036395	-0.011227	-0.008994	0.061313	-0.009372
	-0.007341	-0.012368	-0.018430	-0.020673	-0.035519	0.002154
	-0.023011	0.036485	0.036535	-0.050108	-0.034598	0.061393
	-0.015277	-0.006110	-0.003791	0.000438	0.028518	-0.024916
	0.020294					
x535	-0.022961	0.025814	-0.024773	-0.014835	-0.004861	0.044364
	-0.007751	0.008469	-0.023082	-0.005593	0.054146	-0.019570
	-0.006456	0.029717	-0.072304	-0.064488	-0.047784	-0.005214
	-0.015281	0.002449	0.008340	-0.032657	-0.037241	0.052047
	0.007240	0.021040	0.008191	0.026987	0.017066	0.015188
	0.013697					
y535	0.008714	-0.012198	-0.029214	0.003883	0.007488	0.022643
	-0.037127	-0.022688	-0.032122	0.025846	-0.024124	-0.015764
	0.033526	-0.008015	-0.008506	0.037207	0.016086	-0.009537
	-0.004868	-0.014419	0.022131	0.031570	-0.046611	-0.043792
	0.011934	-0.003621	-0.012734	-0.001385	0.017480	0.002970
	0.029338					
z535	-0.007977	-0.050931	-0.014468	0.013331	-0.005621	0.024777
	0.005785	-0.041815	-0.012260	-0.009456	0.055743	-0.004115
	-0.010338	-0.011816	-0.013999	-0.016223	-0.036479	-0.004052
	-0.017939	0.027442	0.034463	-0.059642	-0.034982	0.056215
	-0.018651	-0.006092	-0.000580	-0.005577	0.026847	-0.009723
	0.034090					
x536	-0.027700	0.025119	-0.028746	-0.012103	-0.005794	0.040604
	-0.009191	0.004016	-0.025980	-0.002274	0.059441	-0.019001
	-0.010139	0.028840	-0.074408	-0.056589	-0.031115	-0.005238
	-0.007558	0.000020	0.009590	-0.016802	-0.031066	0.059353
	0.009284	0.013095	0.016457	0.027530	0.029549	0.021965
	0.011833					
y536	0.011658	-0.014531	-0.029841	0.008887	0.011906	0.022066
	-0.037601	-0.030200	-0.027649	0.027732	-0.033227	-0.018219
	0.037537	-0.007790	-0.007380	0.041049	0.014121	-0.012306
	-0.011165	-0.016767	0.014317	0.031746	-0.039553	-0.061154
	0.012447	0.006285	-0.018772	0.000188	0.009378	0.001531
	0.020327					

z536	-0.006060	-0.051503	-0.015989	0.018038	-0.005132	0.020908
	0.004312	-0.051288	-0.015722	-0.006119	0.047835	-0.003864
	-0.014422	-0.012882	-0.006897	-0.001328	-0.021030	-0.008053
	-0.011560	0.021379	0.032966	-0.049208	-0.028409	0.044938
	-0.019245	-0.006596	-0.000110	-0.015503	0.028746	-0.006534
	0.035358					
x537	-0.031481	0.023784	-0.031877	-0.010334	-0.006345	0.035932
	-0.009331	0.000601	-0.029225	0.001045	0.064357	-0.019010
	-0.014438	0.027508	-0.073913	-0.048794	-0.018037	-0.006437
	-0.000764	-0.003058	0.010717	-0.004737	-0.023107	0.064418
	0.007672	0.007433	0.022190	0.024888	0.039135	0.028308
	0.014168					
y537	0.014637	-0.016707	-0.029953	0.013376	0.016634	0.021437
	-0.037267	-0.035741	-0.022665	0.030061	-0.042126	-0.020302
	0.040557	-0.008428	-0.007256	0.043213	0.013099	-0.015407
	-0.015410	-0.018436	0.008070	0.032448	-0.032158	-0.074225
	0.011754	0.012969	-0.022415	0.001525	0.002680	0.001059
	0.013868					
z537	-0.003846	-0.051060	-0.016859	0.024390	-0.005217	0.017414
	0.002037	-0.060301	-0.017030	-0.004594	0.039516	-0.003109
	-0.014749	-0.014312	-0.001794	0.011649	-0.003984	-0.009202
	-0.007925	0.018205	0.030210	-0.038024	-0.025460	0.033989
	-0.013744	-0.007888	0.000621	-0.019627	0.027926	-0.003371
	0.029479					
x538	-0.034216	0.022881	-0.033927	-0.008533	-0.007102	0.029874
	-0.009812	-0.002326	-0.032304	0.004172	0.069547	-0.019129
	-0.016983	0.025600	-0.072598	-0.040229	-0.006525	-0.006157
	0.003093	-0.005321	0.010325	0.005924	-0.017467	0.066516
	0.008291	0.002942	0.025879	0.022121	0.044107	0.032407
	0.015609					
y538	0.017682	-0.018086	-0.029280	0.017127	0.021517	0.020775
	-0.037376	-0.039207	-0.017770	0.032766	-0.049874	-0.021756
	0.043889	-0.008743	-0.008799	0.044341	0.011562	-0.017249
	-0.019370	-0.020739	0.002918	0.033871	-0.025639	-0.082884
	0.011420	0.017065	-0.024608	0.005662	-0.002821	-0.000254
	0.008950					
z538	-0.001038	-0.051326	-0.017193	0.028659	-0.003649	0.016425
	0.000294	-0.067267	-0.017680	-0.004737	0.031035	-0.002982
	-0.014110	-0.012966	0.003528	0.018296	0.005524	-0.012965
	-0.002527	0.011997	0.027438	-0.032308	-0.016412	0.027637
	-0.014890	-0.004323	-0.000302	-0.022824	0.026819	-0.001097
	0.028540					

x539	-0.036016	0.021607	-0.034952	-0.006827	-0.007879	0.023868
	-0.008928	-0.004744	-0.034850	0.005350	0.074804	-0.019977
	-0.017608	0.023876	-0.069425	-0.033760	0.003616	-0.005336
	0.005563	-0.006435	0.010114	0.012159	-0.009811	0.065940
	0.008250	0.001374	0.024993	0.018356	0.045252	0.036031
	0.017081					
y539	0.020588	-0.019331	-0.027714	0.020627	0.026559	0.020664
	-0.036819	-0.040605	-0.012164	0.034614	-0.056802	-0.022721
	0.047372	-0.008861	-0.010846	0.042610	0.010531	-0.018829
	-0.021897	-0.022623	-0.000442	0.035541	-0.017366	-0.088166
	0.011229	0.018356	-0.025804	0.012190	-0.007142	-0.001614
	0.005433					
z539	0.002428	-0.050267	-0.017151	0.031420	-0.001628	0.014125
	-0.001876	-0.073015	-0.018874	-0.001321	0.022410	-0.002571
	-0.013387	-0.012587	0.006468	0.027423	0.008539	-0.015158
	0.001402	0.006325	0.025231	-0.025698	-0.012766	0.022769
	-0.017956	-0.002103	0.001105	-0.028122	0.021443	-0.001376
	0.027686					
x540	-0.036529	0.020777	-0.035506	-0.006383	-0.008529	0.016951
	-0.007708	-0.007048	-0.038184	0.005656	0.080528	-0.020548
	-0.017087	0.022300	-0.065296	-0.026927	0.009918	-0.002918
	0.006213	-0.007775	0.008797	0.013765	-0.002984	0.064269
	0.006317	0.004861	0.021974	0.011785	0.040845	0.037761
	0.018278					
y540	0.023548	-0.019796	-0.025627	0.023347	0.031693	0.020384
	-0.036338	-0.040254	-0.007199	0.036232	-0.062550	-0.022685
	0.050150	-0.008925	-0.014408	0.039733	0.009597	-0.018878
	-0.023572	-0.024611	-0.002970	0.036580	-0.010191	-0.089162
	0.010738	0.017632	-0.024672	0.021078	-0.010501	-0.002892
	0.001409					
z540	0.005705	-0.050063	-0.016120	0.035645	0.000465	0.012819
	-0.003779	-0.076658	-0.016852	0.000583	0.012675	-0.002983
	-0.011356	-0.012423	0.009281	0.033255	0.012922	-0.018236
	0.004003	0.001572	0.023127	-0.018148	-0.008024	0.016298
	-0.017305	-0.002563	0.001701	-0.027581	0.018992	-0.001812
	0.027223					
x541	-0.035687	0.020039	-0.034887	-0.006773	-0.009187	0.008945
	-0.006386	-0.008298	-0.041343	0.005648	0.086749	-0.021355
	-0.015100	0.020189	-0.057139	-0.021644	0.012727	-0.000055
	0.004418	-0.008969	0.007596	0.011480	0.002997	0.059372
	0.002401	0.011783	0.018316	0.001956	0.032536	0.039459
	0.020906					

y541	0.026737	-0.019495	-0.022826	0.025375	0.037061	0.020093
	-0.035834	-0.037766	-0.002018	0.038079	-0.066773	-0.022303
	0.053286	-0.009155	-0.017324	0.034183	0.009000	-0.018036
	-0.024355	-0.026130	-0.002976	0.037758	-0.003853	-0.086007
	0.009342	0.014637	-0.021249	0.030091	-0.012690	-0.003176
	-0.001176					
z541	0.009064	-0.050122	-0.014932	0.040351	0.003188	0.012880
	-0.004816	-0.079621	-0.013291	0.000922	0.001894	-0.003951
	-0.008448	-0.010591	0.007508	0.037692	0.016275	-0.022260
	0.005733	-0.002691	0.020020	-0.011009	-0.002429	0.012756
	-0.014573	-0.003774	-0.000189	-0.023557	0.015402	-0.004683
	0.026221					
x542	-0.034105	0.019647	-0.033749	-0.007739	-0.010043	0.000796
	-0.004156	-0.009426	-0.043841	0.004768	0.091777	-0.022861
	-0.011984	0.018556	-0.048020	-0.015153	0.012842	0.003958
	0.003200	-0.009881	0.005201	0.006008	0.010987	0.053204
	-0.002732	0.022894	0.010153	-0.007040	0.019338	0.038513
	0.026589					
y542	0.029523	-0.018679	-0.019250	0.026798	0.042098	0.020318
	-0.034937	-0.033600	0.003830	0.039878	-0.071481	-0.021475
	0.055582	-0.008781	-0.021721	0.027926	0.008163	-0.016104
	-0.022242	-0.027926	-0.002013	0.039246	0.005389	-0.079270
	0.007400	0.009411	-0.016846	0.044611	-0.013887	-0.004401
	-0.000526					
z542	0.013187	-0.050130	-0.012659	0.044689	0.007161	0.012321
	-0.006431	-0.080471	-0.010136	0.002389	-0.007840	-0.004255
	-0.004507	-0.010476	0.006492	0.038105	0.015220	-0.024599
	0.003918	-0.006041	0.015902	-0.006041	0.001071	0.010977
	-0.012396	-0.007128	0.000072	-0.020071	0.008805	-0.006011
	0.020858					
x543	-0.031337	0.019302	-0.031279	-0.009634	-0.010610	-0.007679
	-0.002414	-0.009235	-0.047063	0.003574	0.097282	-0.023397
	-0.006870	0.015836	-0.038019	-0.008606	0.007666	0.007716
	0.000765	-0.011686	-0.001890	-0.002547	0.018165	0.046352
	-0.010219	0.038234	-0.001352	-0.017936	0.001936	0.033740
	0.033424					
y543	0.032535	-0.017286	-0.014737	0.027355	0.047395	0.020942
	-0.034725	-0.026609	0.009129	0.041747	-0.074123	-0.018975
	0.058416	-0.009025	-0.028682	0.020326	0.005817	-0.014383
	-0.018189	-0.031093	-0.003602	0.040949	0.012931	-0.066699
	0.005053	0.003028	-0.011939	0.061031	-0.013429	-0.007022
	0.002129					

z543	0.017322	-0.049844	-0.010176	0.049091	0.011693	0.012666
	-0.006771	-0.080697	-0.005416	0.002967	-0.018809	-0.006915
	-0.000726	-0.008505	0.004867	0.037211	0.013233	-0.026770
	0.000653	-0.006743	0.018413	-0.001827	0.007095	0.010319
	-0.011745	-0.012999	-0.000139	-0.013759	0.000157	-0.006968
	0.016167					
x544	-0.028419	0.019183	-0.028878	-0.010868	-0.012880	-0.017833
	-0.000093	-0.010130	-0.049180	0.000733	0.102578	-0.024778
	-0.001374	0.012907	-0.026929	-0.000468	0.006132	0.015731
	-0.008213	-0.011237	-0.006301	-0.011524	0.019874	0.032567
	-0.010247	0.055230	-0.012810	-0.031173	-0.015391	0.030232
	0.032702					
y544	0.034592	-0.015122	-0.010136	0.027883	0.051159	0.020992
	-0.033852	-0.019424	0.015243	0.043553	-0.076460	-0.016241
	0.060025	-0.008446	-0.037426	0.012823	0.006661	-0.009173
	-0.016482	-0.032762	-0.000514	0.045769	0.016182	-0.053711
	0.008233	-0.007707	-0.002403	0.078385	-0.008336	-0.007336
	-0.000565					
z544	0.022628	-0.050279	-0.006519	0.052334	0.018098	0.013856
	-0.007753	-0.076990	0.000326	0.002959	-0.029862	-0.008678
	0.005412	-0.006919	0.002928	0.031410	0.006232	-0.031519
	0.001231	-0.009745	0.015900	-0.000706	0.017079	0.013279
	-0.014327	-0.017521	-0.003421	-0.001086	-0.010903	-0.012050
	0.018501					
x545	-0.024622	0.018657	-0.026274	-0.011068	-0.012331	-0.026622
	-0.004242	-0.008701	-0.051771	-0.000435	0.102799	-0.022422
	-0.000595	0.014608	-0.027278	0.009353	0.009021	0.014003
	-0.010827	-0.019254	-0.013464	-0.002900	0.016512	0.022752
	-0.012886	0.056349	-0.013342	-0.021022	-0.026442	0.029642
	0.035842					
y545	0.036726	-0.010954	-0.003965	0.022890	0.050410	0.024202
	-0.027493	-0.009260	0.023091	0.041152	-0.075564	-0.014117
	0.063730	-0.009814	-0.032215	-0.009909	-0.002533	-0.003594
	-0.001626	-0.031356	0.002476	0.029176	0.021924	-0.048832
	0.006054	-0.003640	-0.008968	0.080621	-0.000494	-0.006288
	0.008651					
z545	0.028874	-0.048242	-0.001503	0.053393	0.022902	0.016116
	-0.006707	-0.073099	0.009173	0.006348	-0.039807	-0.010059
	0.011703	-0.004669	0.001263	0.019405	-0.004399	-0.034531
	-0.002268	-0.009564	0.016873	-0.007735	0.017023	0.011782
	-0.010061	-0.020598	0.000943	-0.004143	-0.021177	-0.023405
	0.008992					

x546	-0.020619	0.018548	-0.023381	-0.013248	-0.011320	-0.035262
	-0.007493	-0.007796	-0.055403	0.000856	0.103158	-0.018801
	-0.000103	0.017940	-0.028823	0.018471	0.004673	0.009213
	-0.010770	-0.029053	-0.021469	0.002994	0.015760	0.018102
	-0.023484	0.058219	-0.014036	-0.017277	-0.038307	0.024562
	0.039675					
y546	0.039223	-0.006374	0.001745	0.016219	0.050589	0.024494
	-0.022792	0.000085	0.026692	0.042323	-0.071661	-0.010559
	0.064184	-0.010084	-0.029069	-0.025800	-0.017061	0.001122
	0.010482	-0.033991	0.002733	0.014785	0.025193	-0.039532
	-0.003902	0.001793	-0.014742	0.073154	-0.000036	-0.005173
	0.014960					
z546	0.034136	-0.046976	0.003309	0.054158	0.026567	0.019867
	-0.006840	-0.068186	0.017837	0.005114	-0.048926	-0.012015
	0.020365	-0.002441	-0.000135	0.003633	-0.009768	-0.036240
	-0.003560	-0.009731	0.019926	-0.015034	0.020610	0.007315
	-0.000555	-0.021269	0.004937	0.002274	-0.022810	-0.029868
	0.003539					
x547	-0.017370	0.019010	-0.020765	-0.012812	-0.012715	-0.043738
	-0.010741	-0.008785	-0.057245	-0.000758	0.103167	-0.016865
	0.001491	0.020117	-0.029281	0.027312	0.010723	0.008562
	-0.016161	-0.033253	-0.025369	0.011577	0.010362	0.008476
	-0.020262	0.056331	-0.009710	-0.013245	-0.041932	0.020158
	0.038891					
y547	0.041074	-0.002032	0.007026	0.011844	0.048787	0.023637
	-0.020426	0.008089	0.029221	0.039251	-0.066687	-0.008436
	0.063948	-0.009964	-0.024987	-0.038177	-0.021663	0.007924
	0.016301	-0.034583	0.004189	0.006679	0.023698	-0.035825
	-0.002978	0.006628	-0.017110	0.067169	0.003368	-0.001926
	0.018769					
z547	0.038571	-0.045422	0.008175	0.053567	0.030778	0.022849
	-0.006194	-0.062202	0.024674	0.007360	-0.056143	-0.012479
	0.026337	-0.001339	-0.003242	-0.009593	-0.018691	-0.037940
	-0.003143	-0.010518	0.021371	-0.022896	0.026131	0.006596
	0.002698	-0.021609	0.004600	0.006236	-0.027286	-0.033293
	-0.003497					
x548	-0.014118	0.019679	-0.018205	-0.013174	-0.014863	-0.051700
	-0.013233	-0.010352	-0.058402	-0.002520	0.102859	-0.014122
	0.003630	0.024431	-0.030407	0.033618	0.015099	0.005595
	-0.019592	-0.037921	-0.028163	0.016877	0.007902	0.000493
	-0.017456	0.053941	-0.004368	-0.010365	-0.042741	0.015176
	0.039211					

y548	0.042592	0.001702	0.011978	0.007024	0.046040	0.022210
	-0.020185	0.015244	0.030386	0.034686	-0.060316	-0.005568
	0.061717	-0.006596	-0.021908	-0.047440	-0.025172	0.011941
	0.020827	-0.039598	0.005225	-0.000661	0.025900	-0.033207
	-0.002957	0.010473	-0.019742	0.060301	0.007796	0.003744
	0.022058					
z548	0.042416	-0.043319	0.013230	0.052346	0.034959	0.024792
	-0.006051	-0.055182	0.029073	0.009741	-0.061550	-0.013132
	0.031565	-0.001184	-0.006630	-0.021362	-0.027072	-0.038127
	-0.003774	-0.010957	0.023119	-0.028916	0.029402	0.007060
	0.006277	-0.019587	0.003201	0.010136	-0.031858	-0.032867
	-0.010568					
x549	-0.011517	0.020790	-0.015574	-0.013467	-0.017781	-0.058447
	-0.014211	-0.012117	-0.058233	-0.003760	0.101326	-0.010530
	0.006075	0.026740	-0.031772	0.037696	0.019852	0.001439
	-0.019239	-0.037741	-0.031624	0.022968	0.006395	-0.003288
	-0.015148	0.051073	0.001065	-0.005688	-0.044260	0.007529
	0.035932					
y549	0.043473	0.005495	0.016622	0.001961	0.043483	0.020480
	-0.020797	0.021893	0.029445	0.028452	-0.052807	-0.001202
	0.056924	-0.003344	-0.020902	-0.054179	-0.027085	0.014360
	0.024271	-0.042783	0.004480	-0.002139	0.025735	-0.027682
	-0.004337	0.016276	-0.018820	0.055424	0.007539	0.009846
	0.019739					
z549	0.045771	-0.040992	0.018439	0.050288	0.038158	0.025771
	-0.007626	-0.047223	0.030915	0.011562	-0.063796	-0.014130
	0.035787	0.000668	-0.009047	-0.030954	-0.033846	-0.036856
	-0.006311	-0.014995	0.025922	-0.035448	0.034141	0.005754
	0.011461	-0.016360	-0.001325	0.011450	-0.031611	-0.027890
	-0.017591					
x550	-0.009032	0.022443	-0.013285	-0.014158	-0.021777	-0.065803
	-0.014396	-0.015643	-0.058552	-0.003519	0.099822	-0.008916
	0.008451	0.029652	-0.032199	0.042997	0.024990	-0.000029
	-0.022194	-0.035011	-0.028864	0.027682	0.003905	-0.007589
	-0.009855	0.043022	0.010597	-0.005889	-0.040401	-0.003073
	0.031261					
y550	0.044499	0.009285	0.020178	-0.003331	0.039590	0.015730
	-0.023459	0.027228	0.024286	0.023922	-0.042602	0.000775
	0.049865	0.001785	-0.018304	-0.052812	-0.027895	0.019129
	0.020562	-0.045928	0.008120	-0.000553	0.023412	-0.024477
	-0.004779	0.016544	-0.014319	0.044000	0.008344	0.015421
	0.015425					

z550	0.048009	-0.038007	0.024272	0.047448	0.041244	0.026893
	-0.009374	-0.038214	0.031747	0.011734	-0.064227	-0.013259
	0.038173	0.002969	-0.012487	-0.041217	-0.039237	-0.036309
	-0.007473	-0.020302	0.027106	-0.040215	0.039104	0.006163
	0.015711	-0.009607	-0.009094	0.014831	-0.031109	-0.018313
	-0.025417					
x551	-0.007384	0.023844	-0.011083	-0.013998	-0.026053	-0.071776
	-0.011880	-0.019700	-0.055932	-0.002844	0.096421	-0.006680
	0.012629	0.031050	-0.031312	0.043288	0.030014	-0.003094
	-0.019610	-0.029927	-0.028351	0.030023	0.003364	-0.009792
	-0.003861	0.036759	0.017766	-0.002169	-0.033824	-0.015729
	0.031350					
y551	0.044824	0.011360	0.023274	-0.008891	0.036176	0.011213
	-0.026158	0.031126	0.019280	0.017730	-0.033319	0.002632
	0.043990	0.005257	-0.015620	-0.052957	-0.027078	0.024551
	0.017861	-0.052258	0.008207	0.000136	0.022309	-0.020797
	-0.004040	0.022461	-0.009756	0.037121	0.009770	0.024375
	0.014243					
z551	0.049647	-0.033515	0.030298	0.043759	0.043386	0.026747
	-0.012846	-0.027727	0.028870	0.010521	-0.059268	-0.012030
	0.035943	0.010239	-0.014984	-0.047489	-0.042761	-0.037066
	-0.012629	-0.026722	0.030258	-0.040953	0.043596	0.005828
	0.019931	-0.002836	-0.017909	0.014470	-0.027738	-0.005922
	-0.034978					
x552	-0.006631	0.025996	-0.008917	-0.012846	-0.031751	-0.077156
	-0.007535	-0.024270	-0.052174	-0.000349	0.091315	-0.004107
	0.016214	0.030910	-0.030752	0.044573	0.036474	-0.006065
	-0.015830	-0.019545	-0.027680	0.032108	0.001550	-0.009673
	0.003081	0.026311	0.024481	0.000482	-0.025386	-0.033316
	0.029221					
y552	0.044217	0.013674	0.025439	-0.013274	0.031119	0.005247
	-0.030292	0.035337	0.012683	0.012996	-0.022484	0.005157
	0.033936	0.009282	-0.013969	-0.045540	-0.021830	0.029625
	0.011038	-0.056648	0.006929	0.003834	0.017982	-0.014509
	-0.003002	0.027472	-0.005703	0.027293	0.008887	0.029743
	0.009910					
z552	0.050801	-0.029048	0.036732	0.038625	0.045378	0.026113
	-0.017976	-0.016930	0.023389	0.008097	-0.052882	-0.010984
	0.034400	0.017434	-0.017951	-0.053782	-0.045733	-0.035134
	-0.019002	-0.035956	0.034212	-0.041606	0.048690	0.004528
	0.025506	0.005089	-0.025888	0.014779	-0.020511	0.012550
	-0.045958					

x553	-0.006727	0.028577	-0.006724	-0.009634	-0.038482	-0.081930
	0.001594	-0.029362	-0.044683	0.004719	0.083532	0.000152
	0.021040	0.027641	-0.028490	0.042454	0.041354	-0.012799
	-0.003571	-0.002987	-0.029174	0.033000	-0.000413	-0.007719
	0.008258	0.013471	0.025324	0.006403	-0.018503	-0.054847
	0.031463					
y553	0.042412	0.015999	0.026403	-0.015345	0.025187	-0.001206
	-0.030927	0.039372	0.008522	0.009626	-0.012715	0.009533
	0.021364	0.014000	-0.011022	-0.037411	-0.015771	0.029548
	0.008416	-0.056158	0.003936	0.010976	0.014396	-0.008113
	-0.004925	0.026313	-0.008944	0.019816	0.005476	0.028297
	0.008845					
z553	0.051451	-0.024374	0.043593	0.032121	0.046726	0.024070
	-0.024832	-0.005366	0.015016	0.005064	-0.043920	-0.009843
	0.031878	0.024866	-0.020913	-0.058522	-0.047756	-0.031073
	-0.028172	-0.047897	0.038585	-0.042445	0.052410	0.003827
	0.032244	0.015997	-0.033620	0.014295	-0.011511	0.037106
	-0.058143					
x554	-0.005870	0.026846	-0.002956	-0.007270	-0.042488	-0.079543
	0.002450	-0.028493	-0.045952	0.006500	0.077634	0.009450
	0.016835	0.025826	-0.021436	0.040475	0.045034	-0.013507
	-0.002427	0.002813	-0.020079	0.031293	-0.000209	-0.010911
	0.003259	0.004830	0.024455	0.009931	-0.009466	-0.050192
	0.019556					
y554	0.039711	0.018586	0.026791	-0.017247	0.016923	-0.009368
	-0.027333	0.040004	0.005688	0.005801	-0.003475	0.011770
	0.014126	0.016590	-0.010215	-0.026783	-0.009652	0.027985
	0.012592	-0.048870	-0.000504	0.014977	0.010310	-0.005752
	-0.006387	0.022387	-0.002337	0.015922	0.004454	0.017963
	0.020882					
z554	0.048445	-0.014443	0.048866	0.025002	0.045859	0.013733
	-0.022937	0.001765	0.011065	0.000695	-0.031956	-0.006599
	0.029402	0.033850	-0.026179	-0.055147	-0.047166	-0.029967
	-0.021388	-0.047766	0.033531	-0.040263	0.049294	0.009869
	0.035929	0.010603	-0.026278	0.014650	0.005101	0.028076
	-0.051846					
x555	-0.005065	0.024976	0.000029	-0.003822	-0.046132	-0.076499
	0.003314	-0.028290	-0.046561	0.009006	0.070247	0.015511
	0.013556	0.023336	-0.016077	0.039578	0.047936	-0.012707
	-0.002343	0.008891	-0.010826	0.031404	-0.001900	-0.012269
	-0.000184	-0.004840	0.022961	0.010680	-0.001342	-0.044873
	0.005716					

y555	0.038065	0.021597	0.025872	-0.017833	0.009467	-0.014111
	-0.026006	0.037755	0.003046	0.004432	0.000834	0.012563
	0.012412	0.017853	-0.010132	-0.017949	-0.003648	0.029723
	0.016265	-0.043808	-0.002336	0.019712	0.002295	-0.000896
	-0.009746	0.018189	0.002810	0.009902	0.006460	0.012615
	0.019278					
z555	0.044554	-0.005490	0.053585	0.018676	0.044171	0.004466
	-0.020433	0.008882	0.007486	-0.003835	-0.019679	-0.004172
	0.025973	0.040798	-0.029146	-0.051258	-0.045039	-0.028330
	-0.015469	-0.046270	0.027545	-0.037019	0.046145	0.014671
	0.039077	0.006067	-0.019063	0.015838	0.018367	0.019581
	-0.043729					
x556	-0.004100	0.021634	0.002082	0.000676	-0.049269	-0.073691
	0.005540	-0.027828	-0.045305	0.011263	0.062155	0.020432
	0.011202	0.020625	-0.012532	0.035762	0.048528	-0.013854
	-0.001140	0.014272	-0.003324	0.030436	-0.003338	-0.013312
	-0.001746	-0.011653	0.020798	0.011974	0.003599	-0.038257
	-0.004216					
y556	0.036711	0.020127	0.024810	-0.016521	0.002193	-0.017896
	-0.022412	0.036485	0.003894	0.004763	0.002445	0.015817
	0.007359	0.014639	-0.009397	-0.010641	0.001426	0.027672
	0.017419	-0.037569	-0.002963	0.025442	-0.002717	0.000763
	-0.009453	0.011687	0.008976	0.009002	0.004293	0.006387
	0.021702					
z556	0.040413	0.002718	0.057425	0.013209	0.042209	-0.003871
	-0.016549	0.015277	0.004448	-0.006924	-0.008304	-0.002197
	0.023778	0.044663	-0.030546	-0.046968	-0.041940	-0.025988
	-0.010156	-0.043520	0.021303	-0.033268	0.041780	0.018989
	0.039968	0.002109	-0.013739	0.016642	0.026407	0.012852
	-0.037006					
x557	-0.002966	0.017418	0.003242	0.005488	-0.051328	-0.070130
	0.007226	-0.027187	-0.043128	0.013307	0.053331	0.022684
	0.010106	0.019611	-0.010146	0.028950	0.045831	-0.016824
	0.001139	0.017139	0.002608	0.028352	-0.003150	-0.012972
	-0.002840	-0.015745	0.018322	0.012761	0.008326	-0.031570
	-0.010788					
y557	0.037022	0.018686	0.022842	-0.014529	-0.005038	-0.020236
	-0.017987	0.032947	0.002602	0.006641	0.003308	0.018861
	0.004199	0.010515	-0.013259	-0.003648	0.008917	0.030716
	0.017528	-0.024969	-0.001247	0.028461	-0.006425	0.000647
	-0.003341	-0.000692	0.013430	0.003171	0.004432	0.004297
	0.015548					

z557	0.035870	0.009897	0.060353	0.008429	0.039685	-0.010848
	-0.013064	0.021235	0.001584	-0.008293	0.002050	-0.000652
	0.021505	0.045741	-0.029288	-0.042232	-0.037410	-0.023054
	-0.006612	-0.040737	0.015966	-0.028919	0.037639	0.020743
	0.039524	-0.002959	-0.008049	0.017310	0.030881	0.007094
	-0.030960					
x558	-0.002000	0.012058	0.003559	0.011959	-0.052963	-0.066459
	0.009446	-0.026397	-0.039055	0.014064	0.043586	0.022531
	0.010861	0.018364	-0.009711	0.019222	0.042974	-0.020104
	0.003870	0.019108	0.005901	0.026080	-0.003989	-0.011678
	0.000329	-0.016482	0.015363	0.014735	0.012655	-0.023226
	-0.014325					
y558	0.036387	0.015743	0.020499	-0.012822	-0.011749	-0.020967
	-0.014455	0.030910	0.002580	0.008852	0.004311	0.021780
	-0.003998	0.009607	-0.012584	0.000744	0.010049	0.026125
	0.016908	-0.019391	-0.001863	0.029403	-0.005721	0.002994
	-0.003442	-0.005903	0.011198	-0.004262	0.001626	-0.001383
	0.013879					
z558	0.030836	0.016321	0.062826	0.004196	0.036606	-0.017014
	-0.008275	0.026560	-0.001587	-0.008545	0.011786	0.000541
	0.018877	0.043886	-0.026573	-0.036293	-0.031809	-0.018147
	-0.004407	-0.036147	0.010445	-0.024266	0.032875	0.020939
	0.038786	-0.008702	-0.003213	0.017366	0.030020	0.002407
	-0.025557					
x559	-0.000947	0.005474	0.002763	0.019457	-0.054128	-0.062129
	0.012082	-0.025971	-0.033259	0.014324	0.032628	0.019220
	0.013943	0.017382	-0.011201	0.007149	0.038296	-0.025143
	0.007255	0.019821	0.007474	0.022826	-0.004356	-0.009487
	0.005785	-0.015514	0.011988	0.017204	0.016010	-0.013807
	-0.015980					
y559	0.036198	0.011871	0.017926	-0.009630	-0.017394	-0.021303
	-0.010774	0.030160	0.004488	0.009974	0.004584	0.026221
	-0.012574	0.009449	-0.011170	-0.001303	0.011043	0.018509
	0.017744	-0.014734	-0.003669	0.029412	-0.005824	0.006355
	-0.003796	-0.002968	0.006666	-0.010992	0.001991	-0.005994
	0.015074					
z559	0.025007	0.022064	0.064634	0.000518	0.032846	-0.021896
	-0.002202	0.031092	-0.004394	-0.007735	0.021120	0.001779
	0.015628	0.039326	-0.021230	-0.029488	-0.024988	-0.013045
	-0.003253	-0.029946	0.004621	-0.018576	0.027768	0.019074
	0.035970	-0.015319	0.000553	0.017046	0.024980	-0.001615
	-0.021462					

x560	0.000031	-0.002148	0.001312	0.027879	-0.054448	-0.057309
	0.014634	-0.024907	-0.025881	0.013438	0.020811	0.014135
	0.017158	0.018068	-0.014077	-0.008417	0.031480	-0.032708
	0.011710	0.019543	0.007559	0.019603	-0.003309	-0.005747
	0.012279	-0.011163	0.006270	0.017868	0.018096	-0.003278
	-0.013742					
y560	0.038269	0.005310	0.013344	-0.005315	-0.023038	-0.020511
	-0.006372	0.026142	0.008240	0.013782	-0.000100	0.025104
	-0.010676	0.005057	-0.014716	-0.006319	0.009268	0.010556
	0.018983	-0.013453	-0.002294	0.023447	-0.009660	0.011691
	-0.001521	-0.000538	0.007759	-0.011196	0.003191	-0.006207
	0.009886					
z560	0.018989	0.026722	0.065832	-0.002340	0.028511	-0.025885
	0.004245	0.034547	-0.007125	-0.005166	0.028519	0.001783
	0.013903	0.031691	-0.014511	-0.021546	-0.017341	-0.006914
	-0.003489	-0.022437	0.001528	-0.013102	0.021083	0.016416
	0.031105	-0.022169	0.003900	0.016143	0.015609	-0.004669
	-0.019072					
x561	0.001043	-0.010631	-0.001032	0.036979	-0.053899	-0.052104
	0.017569	-0.024290	-0.017261	0.013294	0.008151	0.006607
	0.021202	0.018870	-0.018114	-0.024444	0.023535	-0.040385
	0.016278	0.018603	0.006681	0.015731	-0.003543	0.000114
	0.020978	-0.005274	-0.000473	0.017992	0.018669	0.007275
	-0.009299					
y561	0.039737	-0.002578	0.008363	0.000764	-0.027696	-0.016328
	-0.004987	0.023976	0.013166	0.015493	-0.005419	0.022508
	-0.008856	0.002244	-0.018591	-0.017272	0.003751	0.002665
	0.021863	-0.012200	-0.007249	0.020410	-0.005522	0.018016
	0.002451	0.003164	0.005526	-0.008244	0.007662	-0.005788
	0.009256					
z561	0.012222	0.030445	0.066292	-0.004375	0.023674	-0.028259
	0.010500	0.037229	-0.009403	-0.001823	0.035810	0.001356
	0.012390	0.021641	-0.005746	-0.013614	-0.008902	0.000601
	-0.003385	-0.012833	-0.003401	-0.006941	0.014022	0.012194
	0.025570	-0.029371	0.006213	0.016127	0.002426	-0.006464
	-0.016452					
x562	0.002261	-0.019538	-0.003523	0.046264	-0.052755	-0.046929
	0.021270	-0.024898	-0.008260	0.014091	-0.005695	-0.002541
	0.027155	0.017932	-0.023599	-0.040449	0.012148	-0.047590
	0.020443	0.016012	0.005229	0.010183	-0.005839	0.005108
	0.029173	0.000324	-0.005354	0.018708	0.017586	0.017830
	-0.004680					

y562	0.041757	-0.012757	0.001371	0.009149	-0.032305	-0.011155
	-0.003435	0.023355	0.021516	0.016888	-0.011762	0.018898
	-0.009023	0.003475	-0.023071	-0.034190	-0.001391	-0.011335
	0.026524	-0.011458	-0.011236	0.017592	0.002625	0.027523
	0.010766	0.012126	-0.003398	-0.009337	0.012307	-0.002664
	0.010779					
z562	0.004969	0.032693	0.065679	-0.005307	0.018087	-0.028872
	0.017216	0.039830	-0.010234	0.000994	0.043438	0.000230
	0.010376	0.010838	0.005457	-0.007377	0.002002	0.006127
	-0.003194	-0.002615	-0.011065	-0.000546	0.007785	0.006803
	0.021180	-0.034386	0.007326	0.017423	-0.013503	-0.005854
	-0.012809					
x563	-0.008490	-0.013025	0.002513	0.041946	-0.043568	-0.038444
	0.023993	-0.019598	-0.009553	0.006291	-0.008495	-0.004626
	0.029904	0.009054	-0.015252	-0.028932	0.010508	-0.037637
	0.020270	0.027314	0.013068	-0.004881	-0.011157	0.005685
	0.021319	0.018972	0.007086	0.006657	0.003389	0.021189
	0.010084					
y563	0.039362	-0.020621	-0.005947	0.014938	-0.038834	-0.009671
	0.001648	0.014459	0.028209	0.018455	-0.012783	0.016027
	-0.006374	-0.004259	-0.025463	-0.035339	-0.001878	-0.026822
	0.022855	-0.010020	-0.000001	0.008610	0.003164	0.029366
	0.008870	0.008547	0.010807	-0.019360	0.007397	-0.005195
	0.010348					
z563	0.000339	0.029944	0.059405	0.001796	0.006425	-0.019459
	0.033602	0.039896	-0.003369	0.011045	0.036463	-0.002324
	0.010140	0.000134	0.008371	-0.023375	0.001580	0.001066
	-0.003744	0.018474	-0.010686	0.002449	0.001127	-0.006197
	0.018486	-0.031382	0.010818	0.013043	-0.007540	-0.004333
	-0.006577					
x564	-0.017932	-0.006963	0.005866	0.037758	-0.035267	-0.031090
	0.024988	-0.014957	-0.011671	0.000501	-0.010539	-0.007552
	0.032047	0.002251	-0.008583	-0.019151	0.009442	-0.029092
	0.017102	0.033132	0.021775	-0.016644	-0.012576	0.004744
	0.011630	0.030508	0.019374	-0.004681	-0.006005	0.021104
	0.020341					
y564	0.035813	-0.026208	-0.010130	0.018659	-0.041154	-0.007434
	0.004534	0.007396	0.031626	0.017720	-0.014941	0.014562
	-0.003998	-0.012270	-0.025035	-0.032439	-0.002950	-0.034034
	0.024308	-0.003956	0.006090	-0.000770	0.000902	0.033592
	0.008252	0.011551	0.017910	-0.027188	-0.003101	-0.005812
	0.014254					

z564	-0.003921	0.027445	0.052342	0.008381	-0.003523	-0.009267
	0.044925	0.039102	0.002819	0.018057	0.028443	-0.004695
	0.009213	-0.008243	0.011453	-0.035513	-0.000183	-0.001846
	-0.003237	0.034146	-0.011534	0.004915	-0.002839	-0.016738
	0.014124	-0.025066	0.013295	0.009241	-0.001908	-0.002056
	-0.000488					
x565	-0.026032	-0.002595	0.008101	0.033661	-0.027898	-0.024063
	0.026324	-0.012753	-0.013090	-0.002928	-0.012880	-0.010837
	0.031833	-0.005512	-0.002808	-0.011360	0.006075	-0.022148
	0.015806	0.038078	0.029640	-0.025226	-0.013473	0.002259
	0.003327	0.033692	0.028639	-0.012175	-0.009024	0.017881
	0.022784					
y565	0.031591	-0.029408	-0.013545	0.021086	-0.040705	-0.005835
	0.004253	0.003066	0.031998	0.015270	-0.016189	0.012926
	-0.000879	-0.017061	-0.024066	-0.027262	-0.001903	-0.036834
	0.023669	-0.000834	0.012002	-0.009418	-0.000276	0.037841
	0.006039	0.016869	0.023507	-0.035093	-0.015489	-0.006266
	0.020673					
z565	-0.007403	0.026102	0.045602	0.014695	-0.011098	-0.001068
	0.050871	0.037956	0.007125	0.022746	0.021504	-0.006022
	0.008701	-0.012221	0.013978	-0.042245	-0.001208	-0.002569
	-0.002729	0.042684	-0.012641	0.006777	-0.007306	-0.021124
	0.008647	-0.016180	0.013071	0.005575	-0.002095	0.001388
	0.007685					
x566	-0.032915	0.001393	0.010190	0.028905	-0.019522	-0.017993
	0.025668	-0.008719	-0.015758	-0.008595	-0.014533	-0.014582
	0.029978	-0.009693	0.002726	-0.008401	0.006253	-0.016089
	0.011778	0.038255	0.029340	-0.032034	-0.011593	-0.001265
	-0.000332	0.034986	0.031832	-0.009174	-0.001837	0.018918
	0.029312					
y566	0.027184	-0.031918	-0.016610	0.022951	-0.038831	-0.004261
	0.003359	-0.001664	0.031694	0.013173	-0.016863	0.010939
	0.002391	-0.021190	-0.023082	-0.020862	-0.002607	-0.037798
	0.024382	0.001399	0.020154	-0.016668	-0.001817	0.040329
	0.003008	0.020266	0.030344	-0.043287	-0.028442	-0.009663
	0.021571					
z566	-0.009749	0.025108	0.038734	0.021062	-0.017345	0.005278
	0.053387	0.034963	0.010253	0.026826	0.015662	-0.006533
	0.009087	-0.013767	0.015008	-0.043402	-0.004914	-0.002599
	-0.001396	0.046266	-0.009791	0.008990	-0.012359	-0.021881
	0.001587	-0.007745	0.014795	-0.002237	-0.008037	0.001537
	0.008909					

x567	-0.038017	0.005131	0.009951	0.024795	-0.010518	-0.014149
	0.024816	-0.005781	-0.017434	-0.011088	-0.017897	-0.017891
	0.028623	-0.015339	0.007525	-0.005324	0.004704	-0.013918
	0.010962	0.036313	0.027240	-0.035331	-0.009791	-0.005775
	-0.004338	0.037889	0.028064	-0.004742	-0.000992	0.014069
	0.030784					
y567	0.022380	-0.032973	-0.017825	0.023331	-0.034333	-0.002234
	0.000747	-0.004616	0.028721	0.009240	-0.016210	0.007242
	0.004136	-0.022478	-0.021896	-0.014763	-0.001540	-0.034352
	0.023075	0.002317	0.024872	-0.023175	-0.002361	0.041861
	0.001159	0.019905	0.036573	-0.045225	-0.032641	-0.009411
	0.024316					
z567	-0.012282	0.024417	0.032961	0.027320	-0.022343	0.010944
	0.052179	0.032094	0.011983	0.029033	0.011204	-0.006067
	0.009253	-0.013044	0.015724	-0.042526	-0.008268	-0.001112
	-0.000482	0.044941	-0.007783	0.010808	-0.013514	-0.018168
	-0.006426	-0.001889	0.015858	-0.007252	-0.011520	0.003100
	0.010957					
x568	-0.041392	0.007408	0.009368	0.018830	-0.003433	-0.011316
	0.024645	-0.005594	-0.022917	-0.013449	-0.022165	-0.020558
	0.027088	-0.020779	0.006727	-0.000461	-0.001124	-0.011414
	0.009690	0.033219	0.025091	-0.035551	-0.005611	-0.010594
	-0.006130	0.033255	0.021370	0.001517	0.000134	0.006601
	0.020492					
y568	0.017456	-0.032353	-0.018044	0.022723	-0.026137	-0.000622
	-0.003353	-0.006127	0.024205	0.004672	-0.015712	0.001642
	0.004760	-0.022167	-0.019711	-0.008260	0.000904	-0.028513
	0.021192	0.002018	0.027602	-0.028391	-0.002323	0.040662
	-0.001185	0.019396	0.040521	-0.042368	-0.033879	-0.009345
	0.027397					
z568	-0.014240	0.024962	0.027382	0.033917	-0.024554	0.015298
	0.047116	0.029029	0.013644	0.029934	0.008150	-0.005790
	0.009528	-0.008991	0.016700	-0.039332	-0.010151	0.000713
	0.000909	0.037468	-0.007349	0.012188	-0.014437	-0.010056
	-0.014868	0.005602	0.016957	-0.010699	-0.015492	0.005727
	0.015435					
x569	-0.045177	0.009863	0.006978	0.014797	0.003009	-0.009218
	0.018707	-0.002679	-0.025113	-0.015054	-0.021557	-0.021068
	0.019834	-0.021934	0.011417	0.000977	-0.004598	-0.011119
	0.010242	0.025549	0.017107	-0.032499	0.002172	-0.011189
	-0.008620	0.029165	0.005819	0.010011	0.002262	-0.000984
	0.022192					

y569	0.012582	-0.030530	-0.016830	0.020273	-0.014553	0.000482
	-0.008286	-0.006750	0.016886	-0.001929	-0.015124	-0.005236
	0.004087	-0.019913	-0.019160	-0.000534	0.003365	-0.020009
	0.018475	0.000456	0.027461	-0.032115	-0.001431	0.037128
	-0.002456	0.018091	0.042993	-0.033268	-0.033474	-0.009293
	0.028666					
z569	-0.014946	0.025590	0.021900	0.040040	-0.024608	0.018550
	0.039289	0.023742	0.013667	0.029589	0.003308	-0.005947
	0.012697	-0.003988	0.014762	-0.032337	-0.013305	0.001731
	0.002737	0.023370	-0.004143	0.013621	-0.014501	-0.000384
	-0.024861	0.012326	0.017295	-0.011756	-0.020567	0.005586
	0.009283					
x570	-0.047750	0.012235	0.004184	0.010803	0.005440	-0.006863
	0.014691	-0.002944	-0.032419	-0.011697	-0.023055	-0.020098
	0.017858	-0.024530	0.016396	0.005620	-0.010812	-0.003662
	0.014153	0.018563	0.015459	-0.029810	0.002539	-0.007380
	-0.016260	0.015400	-0.005100	0.012021	0.008359	-0.010938
	0.011708					
y570	0.006889	-0.026869	-0.013853	0.016090	-0.000415	0.001396
	-0.014531	-0.006347	0.006348	-0.009471	-0.014561	-0.013578
	0.001816	-0.016205	-0.017997	0.009741	0.005490	-0.007065
	0.015018	-0.002003	0.027506	-0.034248	-0.000085	0.032841
	-0.005707	0.013450	0.043894	-0.021179	-0.030997	-0.009212
	0.029359					
z570	-0.014573	0.026778	0.015941	0.045592	-0.020490	0.019196
	0.025112	0.017977	0.013893	0.026625	0.001135	-0.005624
	0.011864	0.005485	0.010642	-0.021227	-0.016705	0.001993
	0.003764	0.002725	-0.002594	0.016038	-0.011758	0.012375
	-0.034285	0.018358	0.011324	-0.008474	-0.029284	0.004391
	0.004755					
x571	-0.048767	0.012849	-0.002442	0.009194	0.006411	-0.004223
	0.008318	-0.001971	-0.033195	-0.007385	-0.021267	-0.017144
	0.020655	-0.028289	0.024640	0.000506	-0.013089	-0.000075
	0.016606	0.011444	0.009021	-0.027922	0.004413	-0.004674
	-0.013634	0.013305	-0.022951	0.011883	0.016252	-0.016033
	0.006836					
y571	0.000718	-0.021842	-0.010115	0.011634	0.015001	0.002472
	-0.021959	-0.004003	-0.004244	-0.017696	-0.012340	-0.021335
	0.001952	-0.011471	-0.014165	0.017126	0.009291	0.009241
	0.011439	-0.005127	0.026751	-0.036990	0.000140	0.027093
	-0.007792	0.012734	0.042490	-0.008334	-0.025496	-0.005740
	0.030966					

z571	-0.013412	0.028555	0.009758	0.050051	-0.013601	0.018185
	0.006333	0.010538	0.010676	0.022069	-0.000680	-0.004594
	0.008426	0.018593	0.004312	-0.002918	-0.020066	0.003876
	0.005707	-0.024612	0.001258	0.017577	-0.006215	0.028873
	-0.046480	0.019890	0.005610	-0.003827	-0.037882	0.001015
	-0.002328					
x572	-0.044858	0.012549	-0.003173	0.007328	0.007338	-0.002723
	0.004307	-0.002960	-0.031378	-0.005664	-0.017825	-0.010412
	0.021772	-0.025546	0.019313	-0.002675	-0.014974	0.001643
	0.011571	0.001993	0.003457	-0.018395	0.011798	0.003894
	-0.006642	0.009030	-0.037797	0.012940	0.027782	-0.007079
	0.005106					
y572	-0.010784	-0.021572	-0.010985	0.009641	0.021031	0.004229
	-0.020137	0.000883	-0.009448	-0.022812	-0.015975	-0.021124
	0.005101	-0.016329	-0.005350	0.004327	0.007955	0.006308
	0.023017	0.006538	0.015182	-0.040280	-0.008042	0.013213
	-0.003050	0.006369	0.040433	-0.001301	-0.019616	-0.023800
	0.025063					
z572	-0.010076	0.023312	0.006724	0.046038	-0.004377	0.016357
	-0.008557	0.001110	0.010132	0.014811	0.001223	0.000337
	0.005213	0.025538	-0.008153	0.008332	-0.021648	-0.004984
	0.003701	-0.038805	0.002895	0.030937	-0.003691	0.023063
	-0.047499	0.012583	0.011917	-0.002559	-0.034350	0.006369
	-0.004778					
x573	-0.038741	0.013545	-0.003108	0.006828	0.007638	-0.002245
	0.000332	-0.004585	-0.029940	0.000694	-0.014948	-0.005838
	0.022757	-0.022045	0.014257	0.001526	-0.017332	0.004931
	0.001715	-0.006923	-0.000428	-0.011626	0.017102	0.014632
	-0.006065	0.000671	-0.044109	0.009801	0.033858	0.001770
	0.000099					
y573	-0.019997	-0.019556	-0.012158	0.008071	0.025758	0.005047
	-0.016985	0.004147	-0.014334	-0.021981	-0.018546	-0.021029
	0.008814	-0.020315	0.001695	-0.003372	0.005105	0.004882
	0.029139	0.015757	0.006639	-0.042085	-0.014457	0.004072
	-0.003919	-0.002363	0.039047	0.002471	-0.014889	-0.036824
	0.017361					
z573	-0.006889	0.017673	0.003466	0.041228	0.003939	0.014748
	-0.021667	-0.006170	0.008323	0.006881	0.003741	0.004186
	0.002348	0.030509	-0.016695	0.016470	-0.022002	-0.012740
	0.002237	-0.048235	0.005879	0.039607	-0.001080	0.015376
	-0.044608	0.007254	0.016165	-0.002347	-0.029394	0.010481
	-0.006115					

x574	-0.031896	0.013286	-0.001833	0.007278	0.008112	-0.001531
	-0.003289	-0.005365	-0.027355	0.003048	-0.011559	-0.000577
	0.021601	-0.015595	0.011332	0.005393	-0.015781	0.009655
	-0.006479	-0.015499	-0.004790	-0.006456	0.020752	0.021352
	-0.000832	-0.000686	-0.050485	0.005715	0.037454	0.011276
	-0.004081					
y574	-0.027386	-0.017925	-0.012741	0.007529	0.029696	0.005472
	-0.012122	0.006286	-0.017930	-0.022675	-0.019321	-0.019406
	0.010617	-0.021561	0.008319	-0.008413	0.005720	0.008174
	0.031010	0.021376	-0.002684	-0.041668	-0.018732	-0.004985
	-0.001767	-0.005398	0.031617	0.004266	-0.009251	-0.043731
	0.010227					
z574	-0.003586	0.012236	0.000394	0.036135	0.010924	0.013282
	-0.032665	-0.010707	0.005371	-0.000195	0.006559	0.006910
	0.001237	0.034209	-0.021555	0.021468	-0.022694	-0.019270
	0.002324	-0.054210	0.009044	0.043272	0.001850	0.009505
	-0.040301	0.001851	0.018577	-0.002600	-0.024373	0.013020
	-0.007259					
x575	-0.024636	0.013186	-0.000190	0.006723	0.009084	-0.001213
	-0.008165	-0.005393	-0.024084	0.005513	-0.010405	0.003976
	0.020131	-0.011264	0.010120	0.009078	-0.014962	0.009843
	-0.012151	-0.020809	-0.006079	-0.000435	0.022907	0.027787
	0.003586	-0.003644	-0.050108	0.003041	0.038918	0.017674
	-0.001068					
y575	-0.033237	-0.015226	-0.012860	0.005656	0.033873	0.005017
	-0.007928	0.006772	-0.020752	-0.021055	-0.022073	-0.018695
	0.011256	-0.024460	0.015617	-0.011865	0.003990	0.008742
	0.028567	0.025572	-0.009232	-0.035113	-0.019981	-0.009822
	-0.000840	-0.010262	0.028359	0.004147	-0.003635	-0.050861
	0.009649					
z575	-0.000066	0.006565	-0.001937	0.031459	0.016190	0.011798
	-0.041395	-0.012597	0.001145	-0.007054	0.009733	0.008763
	0.001619	0.036147	-0.022652	0.025083	-0.022389	-0.024184
	0.003542	-0.056679	0.011403	0.042340	0.003050	0.004132
	-0.035004	-0.002329	0.018706	-0.001867	-0.019507	0.015490
	-0.008312					
x576	-0.017009	0.012355	0.001296	0.006292	0.010071	-0.000655
	-0.012844	-0.005202	-0.020959	0.007235	-0.008743	0.009917
	0.019197	-0.005674	0.006929	0.012553	-0.013025	0.011161
	-0.016580	-0.024619	-0.005477	0.002063	0.025455	0.033838
	0.007939	-0.004214	-0.053087	-0.001185	0.041046	0.028956
	0.001755					

y576	-0.037491	-0.013226	-0.013852	0.003472	0.036353	0.004643
	-0.002872	0.005738	-0.026026	-0.020263	-0.022718	-0.017695
	0.012290	-0.025177	0.018584	-0.013583	0.003007	0.015988
	0.021832	0.027491	-0.012378	-0.031256	-0.014148	-0.009522
	0.000487	-0.010389	0.012031	0.002405	0.008344	-0.046950
	0.008402					
z576	0.003421	0.000557	-0.003536	0.026900	0.020358	0.010435
	-0.047825	-0.012898	-0.003758	-0.013724	0.013069	0.009775
	0.003592	0.036844	-0.020710	0.025216	-0.021680	-0.027616
	0.005853	-0.056461	0.012878	0.038015	0.004249	0.000157
	-0.027860	-0.004986	0.015207	-0.002694	-0.014397	0.018737
	-0.007037					
x577	-0.008890	0.011539	0.002765	0.006483	0.011349	0.000369
	-0.016245	-0.003400	-0.015494	0.010307	-0.006778	0.017045
	0.018461	0.000682	0.005361	0.016292	-0.009835	0.008896
	-0.017046	-0.025746	-0.004337	0.004373	0.024197	0.037829
	0.011733	-0.003040	-0.049675	-0.003825	0.037141	0.036674
	0.005962					
y577	-0.040346	-0.009922	-0.016064	0.001546	0.038596	0.004096
	0.005844	0.005890	-0.028368	-0.016680	-0.018869	-0.015761
	0.012875	-0.025724	0.020983	-0.018245	-0.000144	0.021353
	0.014094	0.027813	-0.018421	-0.023153	-0.010412	-0.003788
	0.001683	-0.008460	-0.005927	0.004631	0.016292	-0.041661
	0.007333					
z577	0.006936	-0.006058	-0.004582	0.022370	0.022933	0.009530
	-0.052274	-0.011393	-0.010214	-0.021016	0.016481	0.009162
	0.007043	0.036107	-0.014867	0.022788	-0.020324	-0.029813
	0.008366	-0.053302	0.013829	0.029286	0.006326	-0.003468
	-0.019893	-0.006454	0.007631	-0.003652	-0.007080	0.022105
	-0.003690					
x578	-0.000182	0.010312	0.004455	0.006896	0.012770	0.001879
	-0.019979	-0.000724	-0.008697	0.014256	-0.005740	0.025415
	0.018311	0.008440	0.004406	0.022397	-0.004135	0.004466
	-0.014525	-0.024857	0.000105	0.004999	0.020624	0.038170
	0.015459	0.000437	-0.038259	-0.007462	0.029284	0.042246
	0.011804					
y578	-0.042813	-0.006396	-0.020142	-0.000021	0.039314	0.003930
	0.015202	0.003579	-0.029297	-0.010077	-0.014926	-0.010991
	0.017138	-0.026122	0.020154	-0.019415	0.001050	0.026426
	0.005053	0.025054	-0.018435	-0.014873	0.000706	-0.001694
	0.002793	-0.008620	-0.019772	0.006552	0.028407	-0.037485
	0.001040					

z578	0.010509	-0.012666	-0.005630	0.017776	0.024005	0.008426
	-0.054064	-0.007361	-0.018006	-0.027919	0.021198	0.006811
	0.012581	0.033824	-0.005676	0.017580	-0.019180	-0.030144
	0.011500	-0.047025	0.014287	0.016069	0.008717	-0.006370
	-0.010820	-0.006348	-0.002756	-0.004059	0.000784	0.024735
	0.002823					
x579	0.009372	0.008631	0.006802	0.007715	0.014229	0.003291
	-0.023941	0.003274	-0.001179	0.017956	-0.005431	0.033839
	0.017805	0.017538	0.004876	0.029736	0.003229	-0.001698
	-0.009222	-0.021854	0.006694	0.003982	0.014386	0.037409
	0.020385	0.007534	-0.021758	-0.010111	0.016683	0.045553
	0.018354					
y579	-0.043172	-0.001332	-0.023562	-0.001886	0.041080	0.005567
	0.023858	0.000780	-0.025954	0.000692	-0.010429	-0.001874
	0.015795	-0.023269	0.018584	-0.016125	0.002204	0.032080
	-0.006461	0.025180	-0.017692	-0.002057	0.006434	0.003208
	0.000388	-0.005276	-0.026846	-0.004315	0.032919	-0.021879
	-0.004018					
z579	0.014162	-0.018932	-0.006330	0.013022	0.023687	0.006972
	-0.053704	-0.000439	-0.026809	-0.034030	0.025759	0.002968
	0.018998	0.029739	0.007559	0.009216	-0.017125	-0.028194
	0.015395	-0.036238	0.015027	-0.000541	0.011750	-0.008619
	-0.000641	-0.006304	-0.014708	-0.004402	0.006625	0.026076
	0.005692					
x580	0.019198	0.007136	0.008717	0.008525	0.015093	0.004392
	-0.026795	0.007850	0.006547	0.021070	-0.004145	0.041223
	0.015669	0.026714	0.006229	0.037076	0.010711	-0.006894
	-0.001001	-0.014825	0.015418	0.002397	0.007478	0.035304
	0.023944	0.012558	-0.005741	-0.012840	0.004511	0.047319
	0.025141					
y580	-0.041014	0.001621	-0.024720	-0.002947	0.042877	0.006221
	0.028955	-0.000576	-0.021243	0.010307	-0.010723	0.009248
	0.019609	-0.019267	0.016225	-0.007467	0.005919	0.030312
	-0.016913	0.018770	-0.013207	0.007781	0.008630	0.011748
	0.004776	0.007784	-0.023459	-0.006145	0.033153	-0.010344
	0.005171					
z580	0.018109	-0.025829	-0.005968	0.007560	0.021947	0.005832
	-0.052618	0.010405	-0.035691	-0.041025	0.028143	-0.001801
	0.027437	0.022920	0.026293	0.000375	-0.012313	-0.027515
	0.023049	-0.022121	0.016544	-0.021914	0.010042	-0.009062
	0.012903	-0.001700	-0.023621	0.001161	0.011742	0.023857
	0.018007					

x581	0.026438	0.012897	0.013774	0.010045	0.018576	0.006521
	-0.026982	0.014655	0.012642	0.017714	0.006680	0.036563
	0.009639	0.026979	0.007173	0.014721	0.007473	-0.002871
	-0.011659	-0.020835	0.023773	0.002704	0.000367	0.029066
	0.004155	0.006524	-0.005270	-0.020738	-0.014504	0.036746
	0.022876					
y581	-0.036444	0.009183	-0.022682	-0.004516	0.045249	0.008950
	0.029400	-0.001799	-0.016441	0.016983	-0.002316	0.018111
	0.018161	-0.013353	0.012063	-0.015113	0.009510	0.033129
	-0.027827	0.013850	-0.004439	0.013027	0.007897	0.009483
	0.006242	0.012200	-0.033540	-0.020942	0.022320	0.005179
	0.002548					
z581	0.020076	-0.031687	-0.008410	0.005041	0.022652	0.004160
	-0.042602	0.021202	-0.037982	-0.040945	0.021345	0.003067
	0.039141	0.015423	0.034162	0.001424	-0.012703	-0.026973
	0.026515	-0.014526	0.005655	-0.011961	0.007206	-0.003353
	0.001763	0.007843	-0.016334	0.007628	0.008037	0.026113
	0.007675					
x582	0.032702	0.015971	0.016551	0.010700	0.020234	0.007480
	-0.028096	0.019297	0.017135	0.015216	0.014299	0.031375
	0.004872	0.025301	0.007935	-0.003652	0.007022	0.002715
	-0.016507	-0.020579	0.029740	0.003206	-0.003469	0.023471
	-0.010043	-0.000152	-0.004994	-0.024177	-0.031223	0.030370
	0.015324					
y582	-0.032222	0.017297	-0.018496	-0.005961	0.047461	0.011630
	0.030614	-0.001683	-0.011760	0.019845	0.005617	0.024341
	0.014795	-0.008201	0.009222	-0.022995	0.007980	0.031209
	-0.042481	-0.001750	0.003614	0.016154	0.005911	0.005182
	-0.001126	0.017500	-0.040571	-0.037343	0.013445	0.009218
	0.010330					
z582	0.021413	-0.036326	-0.010107	0.002135	0.022815	0.002255
	-0.031608	0.030096	-0.038647	-0.040922	0.013738	0.006789
	0.048542	0.007890	0.039956	0.000539	-0.013277	-0.025662
	0.026751	-0.013750	-0.003615	-0.002654	0.004436	-0.000270
	-0.011209	0.018200	-0.010721	0.012246	0.008287	0.025954
	0.002098					
x583	0.036182	0.016370	0.018773	0.012426	0.018376	0.008610
	-0.026842	0.023091	0.019504	0.011246	0.018334	0.026266
	0.004604	0.020201	0.009948	-0.016171	0.009833	0.010391
	-0.018742	-0.018651	0.030258	0.005436	-0.009606	0.019880
	-0.022444	-0.004215	-0.004926	-0.022176	-0.041163	0.024573
	0.005527					

y583	-0.025919	0.025529	-0.015534	-0.009322	0.051607	0.011988
	0.028667	-0.002232	-0.006558	0.023582	0.015207	0.030377
	0.007951	-0.002212	0.005516	-0.030934	0.006112	0.027251
	-0.052393	-0.012482	0.014606	0.017645	0.006989	-0.000255
	-0.004603	0.018692	-0.043003	-0.054026	0.002510	0.011752
	0.020380					
z583	0.023694	-0.039231	-0.012406	-0.001519	0.023990	-0.000989
	-0.022104	0.036985	-0.037448	-0.039308	0.009154	0.012268
	0.053298	0.002978	0.041752	-0.001275	-0.011807	-0.023831
	0.026877	-0.011806	-0.009331	0.005440	0.002374	0.000473
	-0.018808	0.024992	-0.004629	0.014348	0.007696	0.025658
	-0.001822					
x584	0.039174	0.014975	0.020337	0.013805	0.016589	0.008479
	-0.025672	0.026684	0.019429	0.007085	0.022578	0.022087
	0.005060	0.018783	0.009374	-0.027167	0.013497	0.014296
	-0.017118	-0.018671	0.028929	0.008051	-0.012952	0.015258
	-0.033535	-0.006252	-0.005970	-0.022262	-0.046462	0.023566
	-0.001960					
y584	-0.021154	0.032156	-0.012934	-0.013442	0.052771	0.012447
	0.027712	-0.004060	-0.001385	0.024902	0.020472	0.033566
	0.003142	-0.002740	0.006258	-0.034554	0.006042	0.024995
	-0.062319	-0.019485	0.025778	0.018975	0.006577	-0.004525
	-0.007729	0.017797	-0.040302	-0.064485	-0.005225	0.008895
	0.026351					
z584	0.024917	-0.042081	-0.014683	-0.005932	0.023532	-0.003595
	-0.012253	0.041559	-0.035942	-0.038399	0.003422	0.016770
	0.056897	-0.003432	0.043434	-0.001047	-0.009560	-0.022165
	0.025641	-0.009830	-0.010266	0.011082	0.002485	-0.000441
	-0.025990	0.027778	0.000075	0.017615	0.007416	0.020940
	-0.005932					
x585	0.040519	0.011797	0.020841	0.013108	0.013884	0.009263
	-0.023798	0.029830	0.016690	0.002558	0.025224	0.016451
	0.008878	0.016142	0.007525	-0.030006	0.015486	0.020298
	-0.013355	-0.016039	0.024937	0.010351	-0.013040	0.013034
	-0.045280	-0.008367	-0.004373	-0.018609	-0.047896	0.018478
	-0.009691					
y585	-0.015818	0.038375	-0.009454	-0.016921	0.053689	0.010257
	0.026147	-0.006343	0.003396	0.026635	0.024480	0.037153
	-0.002656	-0.003940	0.008922	-0.039285	0.007743	0.021124
	-0.071193	-0.026190	0.036558	0.022006	0.002680	-0.008604
	-0.008490	0.016284	-0.034466	-0.076540	-0.009263	0.008959
	0.031070					

z585	0.026774	-0.043986	-0.016112	-0.008898	0.023548	-0.008308
	-0.003542	0.044228	-0.033251	-0.035040	0.000439	0.024089
	0.057671	-0.005944	0.044031	-0.004754	-0.006954	-0.020740
	0.021903	-0.012787	-0.013771	0.015126	0.000764	-0.001187
	-0.029091	0.032671	0.000670	0.015706	0.004566	0.023634
	-0.011663					
x586	0.041275	0.006396	0.021254	0.012823	0.009615	0.007770
	-0.021732	0.031922	0.015438	-0.002131	0.025458	0.012198
	0.012732	0.012433	0.007403	-0.032484	0.016855	0.022611
	-0.003178	-0.016208	0.017065	0.011549	-0.013047	0.008463
	-0.053520	-0.009327	-0.000293	-0.008136	-0.048344	0.021234
	-0.015524					
y586	-0.011300	0.044059	-0.007207	-0.021843	0.053971	0.008540
	0.026209	-0.009357	0.007090	0.026308	0.027596	0.038683
	-0.005982	-0.007178	0.009846	-0.041030	0.011925	0.019387
	-0.078709	-0.028656	0.049927	0.025518	0.000798	-0.010330
	-0.010236	0.013556	-0.024945	-0.088757	-0.007047	0.002565
	0.035062					
z586	0.027712	-0.045392	-0.018769	-0.012654	0.022531	-0.011879
	0.006062	0.044510	-0.032395	-0.032044	-0.001414	0.030215
	0.057709	-0.006145	0.040425	-0.005722	-0.001842	-0.016702
	0.014745	-0.013768	-0.009285	0.017575	0.005821	-0.002959
	-0.032364	0.034623	-0.005352	0.006960	0.004486	0.020032
	-0.019181					
x587	0.040985	-0.000001	0.019628	0.011598	0.003685	0.005039
	-0.021550	0.031937	0.010195	-0.008661	0.023992	0.009010
	0.015534	0.007340	0.005624	-0.028832	0.016266	0.024191
	0.008635	-0.017323	0.008595	0.013258	-0.010586	0.002711
	-0.060399	-0.009480	-0.003310	-0.004012	-0.046928	0.021795
	-0.023596					
y587	-0.006832	0.049508	-0.004159	-0.027798	0.053749	0.005324
	0.027126	-0.012764	0.011613	0.025580	0.028800	0.038742
	-0.008079	-0.013270	0.013851	-0.042011	0.016469	0.016734
	-0.083865	-0.030036	0.062791	0.029947	-0.004115	-0.012395
	-0.011969	0.008226	-0.004193	-0.097362	0.001024	-0.004772
	0.038724					
z587	0.028505	-0.046609	-0.020572	-0.016415	0.021710	-0.015730
	0.016796	0.044420	-0.028728	-0.028347	-0.002419	0.037384
	0.057978	-0.006153	0.035616	-0.010802	0.005596	-0.014623
	0.010031	-0.015518	-0.007310	0.018126	0.009879	-0.004504
	-0.033320	0.036861	-0.007333	0.005345	0.006544	0.018253
	-0.020189					

x588	0.039400	-0.009365	0.017267	0.012360	-0.004071	0.002587
	-0.020471	0.031260	0.002658	-0.014678	0.021168	0.006219
	0.021010	0.007218	0.003632	-0.023376	0.020907	0.025641
	0.022334	-0.014651	-0.004117	0.012594	-0.004511	-0.000484
	-0.066838	-0.006141	-0.013974	0.003691	-0.043348	0.025371
	-0.034146					
y588	-0.002587	0.054670	-0.001036	-0.034193	0.052269	0.000693
	0.027938	-0.017588	0.015567	0.022697	0.028757	0.037782
	-0.008939	-0.021984	0.020131	-0.041554	0.021336	0.013497
	-0.088654	-0.031522	0.075676	0.035095	-0.010034	-0.014683
	-0.013073	0.002107	0.020410	-0.107176	0.014312	-0.011544
	0.041018					
z588	0.028735	-0.045817	-0.022084	-0.022328	0.020485	-0.020824
	0.027923	0.042316	-0.023572	-0.023714	-0.004027	0.044213
	0.055450	-0.010816	0.028534	-0.014030	0.011523	-0.012472
	0.004765	-0.020080	-0.000582	0.018865	0.011112	-0.008426
	-0.031594	0.034681	-0.002749	0.002818	0.010203	0.014985
	-0.020483					
x589	0.036287	-0.021911	0.013728	0.012097	-0.013643	0.000580
	-0.020621	0.031432	-0.008027	-0.019471	0.018327	-0.000924
	0.025164	0.007295	-0.002045	-0.012529	0.026302	0.028094
	0.035289	-0.009079	-0.016964	0.007476	0.003913	-0.001892
	-0.069023	0.001350	-0.027499	0.014733	-0.049639	0.025708
	-0.041915					
y589	0.001567	0.056745	0.001520	-0.040039	0.050207	-0.004948
	0.028669	-0.022035	0.018715	0.020803	0.028271	0.032296
	-0.012655	-0.031661	0.025672	-0.037159	0.026935	0.009299
	-0.092530	-0.026913	0.087582	0.037574	-0.014843	-0.014309
	-0.012815	-0.005313	0.041902	-0.118475	0.022502	-0.022981
	0.043968					
z589	0.028676	-0.043485	-0.023795	-0.028956	0.019577	-0.026501
	0.037705	0.035103	-0.017714	-0.018713	-0.004326	0.052455
	0.050510	-0.012755	0.020934	-0.017347	0.018376	-0.010818
	-0.005101	-0.029288	0.009644	0.020958	0.014176	-0.013127
	-0.023769	0.028122	0.008573	-0.008485	0.030786	0.016664
	-0.027729					
x590	0.034830	-0.029681	0.009941	0.010937	-0.014814	-0.002576
	-0.021380	0.032166	-0.009203	-0.016429	0.020230	-0.002138
	0.016882	0.004658	-0.005460	-0.006755	0.020799	0.023397
	0.038581	0.000127	-0.020384	0.006212	0.012545	-0.003318
	-0.060787	-0.001360	-0.028742	0.017598	-0.062598	0.014976
	-0.048343					

y590	0.001689	0.049485	0.007143	-0.038191	0.037334	-0.003448
	0.014962	-0.022650	0.007049	0.019447	0.023452	0.025544
	-0.009916	-0.021266	0.023650	-0.025492	0.034523	0.022193
	-0.074954	-0.023326	0.070511	0.029857	-0.019799	-0.013564
	-0.019816	-0.005273	0.048767	-0.088922	0.014559	-0.022647
	0.025338					
z590	0.027581	-0.039024	-0.022635	-0.034554	0.016765	-0.027928
	0.037682	0.030175	-0.018936	-0.010525	-0.000973	0.053793
	0.047894	-0.017236	0.030093	-0.018134	0.019984	-0.007825
	-0.007128	-0.033725	0.018400	0.017952	0.014583	-0.022886
	-0.021446	0.018041	0.014767	-0.008768	0.037784	0.004832
	-0.023476					
x591	0.033637	-0.033742	0.006650	0.008683	-0.015422	-0.005681
	-0.021226	0.031578	-0.008945	-0.014520	0.023632	-0.003326
	0.009807	0.000803	-0.008234	-0.004386	0.014305	0.019279
	0.037561	0.007504	-0.018290	0.004235	0.020754	-0.006413
	-0.053815	-0.007185	-0.036860	0.017192	-0.064021	0.017369
	-0.053039					
y591	0.001610	0.044054	0.012184	-0.035268	0.025084	-0.002813
	0.004378	-0.023613	-0.002519	0.018280	0.019625	0.020339
	-0.006616	-0.013645	0.020860	-0.016131	0.038096	0.033131
	-0.057062	-0.019030	0.054607	0.023691	-0.023163	-0.013257
	-0.026690	-0.007705	0.046696	-0.064793	0.008386	-0.017627
	0.007640					
z591	0.025569	-0.036605	-0.021588	-0.039379	0.012784	-0.028152
	0.034946	0.025271	-0.020104	-0.003851	0.000370	0.051866
	0.045538	-0.018257	0.036957	-0.016840	0.023228	-0.003232
	-0.010600	-0.041432	0.024671	0.015688	0.012712	-0.026495
	-0.016752	0.014560	0.027657	-0.008888	0.037614	-0.008581
	-0.019855					
x592	0.032119	-0.036111	0.003424	0.005904	-0.015502	-0.007885
	-0.020296	0.028991	-0.006519	-0.013930	0.024387	-0.003344
	0.004816	-0.003402	-0.010333	-0.001639	0.004903	0.015113
	0.034545	0.014244	-0.014586	0.004222	0.027092	-0.007380
	-0.047449	-0.008847	-0.042067	0.014859	-0.064359	0.016815
	-0.055033					
y592	0.001860	0.039747	0.016412	-0.031820	0.014518	-0.002558
	-0.003991	-0.025737	-0.008677	0.015890	0.015939	0.016685
	-0.004371	-0.007203	0.016740	-0.007281	0.036305	0.040871
	-0.040930	-0.010662	0.042606	0.018088	-0.023743	-0.011236
	-0.032520	-0.009081	0.039033	-0.044179	0.004451	-0.012011
	-0.006629					

z592	0.023040	-0.034303	-0.020423	-0.043505	0.008068	-0.027562
	0.031996	0.021233	-0.021787	0.002719	0.002370	0.047991
	0.042867	-0.019208	0.040688	-0.016029	0.027528	0.000849
	-0.013098	-0.048597	0.026258	0.014831	0.011229	-0.027561
	-0.014416	0.009626	0.037408	-0.010175	0.034836	-0.016025
	-0.016976					
x593	0.030820	-0.037430	0.000696	0.002902	-0.013974	-0.010087
	-0.018596	0.027091	-0.003534	-0.013069	0.024246	-0.002660
	0.001627	-0.008919	-0.011113	-0.001033	-0.004468	0.009008
	0.031806	0.017889	-0.010820	0.005257	0.030724	-0.009331
	-0.041407	-0.008306	-0.042980	0.011736	-0.065403	0.011376
	-0.053641					
y593	0.003527	0.035554	0.021772	-0.027938	0.007408	-0.003881
	-0.011684	-0.025193	-0.012409	0.011921	0.013219	0.013454
	-0.003574	-0.002207	0.015743	-0.002998	0.032130	0.039863
	-0.026856	-0.003194	0.031847	0.011943	-0.025624	-0.010337
	-0.035040	-0.004999	0.031281	-0.027085	-0.000643	-0.009430
	-0.014539					
z593	0.020164	-0.031795	-0.020204	-0.047320	0.001590	-0.025638
	0.029489	0.016169	-0.022246	0.008236	0.003568	0.043937
	0.039988	-0.018566	0.040768	-0.013702	0.030470	0.006688
	-0.012620	-0.051979	0.026068	0.014718	0.012355	-0.025329
	-0.015656	0.002006	0.044377	-0.010379	0.033956	-0.018681
	-0.014446					
x594	0.028960	-0.037801	-0.002319	0.000225	-0.012055	-0.011618
	-0.016409	0.025068	0.000569	-0.011309	0.023113	-0.001358
	-0.000843	-0.014162	-0.012404	-0.001526	-0.012563	0.005485
	0.027828	0.019023	-0.006260	0.006906	0.034739	-0.011031
	-0.037946	-0.008637	-0.042609	0.007874	-0.061608	0.009509
	-0.051565					
y594	0.005411	0.031711	0.026001	-0.023703	0.002053	-0.005462
	-0.018699	-0.024663	-0.012917	0.009101	0.012967	0.011778
	-0.006177	0.002118	0.014384	0.000072	0.025839	0.035963
	-0.018190	0.005665	0.023327	0.008419	-0.025286	-0.010680
	-0.036797	-0.003247	0.021335	-0.022110	-0.005321	-0.003734
	-0.024857					
z594	0.017406	-0.029082	-0.019364	-0.050629	-0.005119	-0.023317
	0.026630	0.011539	-0.022170	0.012130	0.003763	0.039265
	0.038119	-0.017111	0.039217	-0.012383	0.031958	0.012503
	-0.011134	-0.054593	0.023982	0.013507	0.013565	-0.020132
	-0.017901	-0.002058	0.049518	-0.009687	0.031511	-0.018477
	-0.011415					

x595	0.026855	-0.036933	-0.005535	-0.002496	-0.009472	-0.013024
	-0.013465	0.022934	0.004909	-0.009865	0.019755	-0.000314
	-0.001228	-0.020300	-0.014036	-0.003056	-0.019502	0.004777
	0.024691	0.017313	-0.000855	0.009483	0.039653	-0.012351
	-0.036252	-0.010151	-0.037768	0.007206	-0.053049	0.007439
	-0.044280					
y595	0.007593	0.028855	0.028655	-0.019519	-0.001698	-0.009270
	-0.023007	-0.024359	-0.013323	0.006217	0.012069	0.009542
	-0.011715	0.005114	0.007906	0.005936	0.017952	0.033883
	-0.010308	0.017673	0.021215	0.008144	-0.017696	-0.006594
	-0.037329	-0.003794	0.009733	-0.023041	-0.014319	-0.000904
	-0.028716					
z595	0.015005	-0.026354	-0.018034	-0.054086	-0.012353	-0.019522
	0.022709	0.007590	-0.020887	0.014510	0.005523	0.034534
	0.035829	-0.014979	0.037683	-0.010799	0.032834	0.017387
	-0.009397	-0.053562	0.020734	0.013532	0.012643	-0.012492
	-0.022381	-0.004795	0.052616	-0.009757	0.028090	-0.015157
	-0.008925					
x596	0.024405	-0.034518	-0.008332	-0.005039	-0.006184	-0.014337
	-0.009803	0.020557	0.010242	-0.007847	0.013993	0.001563
	0.000906	-0.028060	-0.015090	-0.005827	-0.026831	0.006419
	0.021535	0.013061	0.007056	0.012385	0.042138	-0.014396
	-0.036247	-0.012189	-0.030038	0.007118	-0.039224	0.004979
	-0.033814					
y596	0.009723	0.025457	0.028673	-0.013542	-0.005411	-0.012206
	-0.026263	-0.023722	-0.009962	-0.000048	0.013594	0.010367
	-0.011389	0.006066	0.004577	0.007379	0.012111	0.029924
	-0.000509	0.025331	0.014310	0.004948	-0.011704	-0.003881
	-0.032297	-0.000584	-0.003830	-0.021548	-0.015781	0.004363
	-0.028498					
z596	0.012795	-0.023380	-0.016324	-0.057414	-0.020541	-0.014739
	0.017600	0.004598	-0.018736	0.014691	0.007928	0.028923
	0.030980	-0.010394	0.033896	-0.009015	0.035036	0.020852
	-0.007130	-0.048185	0.016099	0.016362	0.014475	-0.001050
	-0.027994	-0.004864	0.052781	-0.011242	0.019670	-0.007000
	-0.005996					
x597	0.021470	-0.030870	-0.010962	-0.007570	-0.001756	-0.015090
	-0.005090	0.017808	0.016866	-0.006281	0.006818	0.003644
	0.005558	-0.036240	-0.015879	-0.011172	-0.034179	0.008356
	0.017867	0.005701	0.015083	0.016429	0.045253	-0.016429
	-0.035991	-0.011776	-0.020727	0.007622	-0.022976	0.000649
	-0.017066					

y597	0.011513	0.024663	0.029079	-0.007835	-0.007061	-0.016574
	-0.024685	-0.023657	-0.007228	0.000347	0.011970	0.011640
	-0.016065	0.002033	-0.002103	0.015461	-0.006242	0.028430
	0.007467	0.039609	0.014063	0.003237	-0.007344	-0.006998
	-0.034509	-0.012005	-0.014666	-0.024505	-0.008756	0.002289
	-0.028333					
z597	0.010285	-0.020024	-0.014180	-0.060462	-0.030039	-0.008744
	0.012057	0.001354	-0.016137	0.014660	0.010720	0.022706
	0.024837	-0.005286	0.028030	-0.005235	0.036665	0.023544
	-0.002991	-0.038484	0.007936	0.019961	0.014804	0.014163
	-0.036207	-0.004865	0.048327	-0.013053	0.006575	0.006178
	-0.003946					
x598	0.018037	-0.025435	-0.014467	-0.010740	0.003088	-0.014660
	0.000286	0.013531	0.023756	-0.004993	0.000178	0.007128
	0.009725	-0.041282	-0.017872	-0.014693	-0.040159	0.009863
	0.013615	-0.002878	0.023495	0.023065	0.046562	-0.016881
	-0.035840	-0.013122	-0.011061	0.004997	-0.005045	-0.005542
	0.001220					
y598	0.012776	0.023408	0.030154	-0.000227	-0.003780	-0.023301
	-0.020537	-0.021083	0.000795	-0.002126	0.007737	0.009685
	-0.015471	-0.007149	-0.005338	0.012546	-0.026632	0.021778
	0.009633	0.043251	0.017329	-0.002811	0.000115	-0.012215
	-0.030761	-0.009491	-0.028683	-0.023698	0.000458	-0.005498
	-0.019001					
z598	0.006798	-0.016526	-0.012125	-0.060432	-0.039232	-0.001864
	0.007684	-0.001401	-0.012411	0.013767	0.012173	0.015865
	0.019170	0.002196	0.019017	-0.000414	0.032593	0.024486
	0.004414	-0.030501	-0.004924	0.021216	0.013877	0.029246
	-0.045809	-0.002901	0.037861	-0.008885	-0.001302	0.017287
	-0.001877					
x599	0.010814	-0.023511	-0.020385	-0.014286	0.004736	-0.009900
	0.003748	0.012383	0.028773	-0.002243	-0.001785	-0.002038
	0.008103	-0.028184	-0.014354	-0.013310	-0.025799	0.012470
	0.013562	-0.011594	0.016808	0.016360	0.033529	-0.012967
	-0.028502	-0.021871	-0.007487	0.009871	0.000559	-0.011809
	-0.003578					
y599	0.012934	0.021970	0.026690	0.002788	-0.002578	-0.028656
	-0.022301	-0.020424	0.007636	-0.003005	0.005341	0.008751
	-0.015350	-0.009625	-0.001656	0.014704	-0.034807	0.020221
	0.011285	0.038632	0.022711	-0.003351	0.002526	-0.013173
	-0.030105	-0.011772	-0.030339	-0.023936	0.004729	-0.013345
	-0.029500					

z599	0.004657	-0.012803	-0.009468	-0.055905	-0.043856	0.000252
	0.006124	-0.000914	-0.009041	0.020406	0.010489	0.013174
	0.015236	-0.001791	0.014651	-0.011567	0.026418	0.035203
	0.006637	-0.027411	-0.004803	0.022784	0.013841	0.027102
	-0.045245	-0.000750	0.033464	-0.013903	-0.002483	0.013635
	0.001413					
x600	0.004942	-0.022116	-0.024750	-0.016617	0.006261	-0.005156
	0.006694	0.011644	0.031099	0.000950	-0.003208	-0.008529
	0.008363	-0.016391	-0.012829	-0.011608	-0.014911	0.015496
	0.012565	-0.018188	0.010173	0.009582	0.022545	-0.010759
	-0.020901	-0.026108	-0.003983	0.014933	0.004061	-0.015840
	-0.009112					
y600	0.011767	0.020811	0.021891	0.003545	-0.001630	-0.032726
	-0.022264	-0.019331	0.016696	-0.004703	0.002672	0.005135
	-0.015910	-0.007012	0.002860	0.015689	-0.035555	0.017376
	0.012565	0.033944	0.027052	-0.005777	0.001011	-0.009775
	-0.028093	-0.021139	-0.030649	-0.022659	0.011618	-0.022990
	-0.037357					
z600	0.002476	-0.008817	-0.007424	-0.050303	-0.046078	0.002803
	0.004466	-0.000692	-0.005516	0.024822	0.008744	0.009339
	0.012021	-0.005273	0.009704	-0.019031	0.019862	0.041139
	0.009464	-0.025584	-0.004438	0.022867	0.012594	0.023369
	-0.042376	0.000497	0.027796	-0.017450	-0.000889	0.009455
	0.004808					
x601	0.000263	-0.021212	-0.027678	-0.017570	0.008824	-0.000480
	0.007414	0.012436	0.032525	0.004339	-0.002592	-0.011668
	0.007139	-0.011013	-0.012775	-0.010116	-0.007307	0.015604
	0.012982	-0.023102	0.006954	0.005483	0.016808	-0.011262
	-0.014531	-0.024170	0.000734	0.014372	0.007179	-0.019103
	-0.010080					
y601	0.009921	0.019603	0.017352	0.002893	-0.001394	-0.034751
	-0.019154	-0.019306	0.022814	-0.007698	0.000377	0.000272
	-0.014449	-0.001555	0.005610	0.017389	-0.034579	0.016092
	0.011852	0.029331	0.026952	-0.009780	-0.003013	-0.005706
	-0.023535	-0.028870	-0.030423	-0.014939	0.016386	-0.027493
	-0.045819					
z601	0.000634	-0.004807	-0.005479	-0.044515	-0.046878	0.005589
	0.004020	-0.002230	-0.003717	0.025885	0.007621	0.004074
	0.010015	-0.008020	0.004299	-0.021464	0.013433	0.044562
	0.011693	-0.023954	-0.004887	0.021735	0.010976	0.019277
	-0.037013	0.002660	0.021581	-0.015067	0.002067	0.008158
	0.002637					

x602	-0.002720	-0.019999	-0.028176	-0.019172	0.010976	0.004982
	0.007725	0.013627	0.030349	0.006963	-0.001144	-0.013924
	0.007181	-0.007754	-0.014066	-0.008131	-0.001066	0.015176
	0.013505	-0.023684	0.003182	0.005466	0.013155	-0.009508
	-0.007085	-0.017892	0.008010	0.019038	0.009068	-0.017584
	-0.007742					
y602	0.007376	0.018021	0.011524	0.002624	-0.000180	-0.035451
	-0.016615	-0.018100	0.029560	-0.009140	-0.000267	-0.003164
	-0.013960	0.001499	0.007041	0.018500	-0.032784	0.013095
	0.011770	0.022605	0.027997	-0.014514	-0.004750	-0.005056
	-0.019638	-0.032210	-0.030068	-0.013595	0.020422	-0.032788
	-0.051340					
z602	-0.001488	-0.001012	-0.004901	-0.038069	-0.046132	0.008121
	0.002644	-0.003857	-0.000942	0.026325	0.006984	-0.000762
	0.008541	-0.011038	-0.000887	-0.021056	0.008242	0.046030
	0.012751	-0.023075	-0.003871	0.020106	0.010935	0.014779
	-0.031720	0.005056	0.014641	-0.014494	0.006087	0.005616
	0.002626					
x603	-0.004019	-0.019558	-0.028444	-0.020201	0.012941	0.009384
	0.007849	0.015492	0.028543	0.010054	0.001955	-0.012347
	0.007555	-0.004596	-0.017567	-0.008322	0.003887	0.010649
	0.012996	-0.021596	0.000383	0.003446	0.013529	-0.013246
	0.000163	-0.014278	0.016082	0.022908	0.009301	-0.015717
	-0.005284					
y603	0.004081	0.017093	0.006366	0.000764	0.001389	-0.033760
	-0.013891	-0.016632	0.033499	-0.010675	-0.000518	-0.007973
	-0.013697	0.002312	0.007309	0.020824	-0.030457	0.011580
	0.011252	0.014983	0.026965	-0.015714	-0.006434	-0.001899
	-0.015432	-0.029896	-0.029191	-0.011933	0.022875	-0.035239
	-0.051833					
z603	-0.003650	0.002918	-0.004447	-0.032293	-0.044854	0.010290
	0.001007	-0.006329	0.001139	0.024330	0.005500	-0.006564
	0.007812	-0.013864	-0.005386	-0.018299	0.004460	0.046417
	0.012573	-0.022433	-0.002665	0.019186	0.010611	0.013014
	-0.026352	0.009971	0.007253	-0.013929	0.008841	0.005706
	0.003646					
x604	-0.005649	-0.021497	-0.028696	-0.021022	0.015865	0.014582
	0.010039	0.019029	0.026745	0.012345	0.005278	-0.013567
	0.005566	-0.004642	-0.022528	-0.008741	0.011181	0.005229
	0.011715	-0.020456	-0.002829	0.000416	0.011703	-0.009368
	0.005751	-0.002004	0.022634	0.027989	0.002836	-0.008051
	0.003985					

y604	0.001443	0.016969	0.001055	-0.002243	0.003474	-0.030292
	-0.011421	-0.014947	0.035826	-0.010696	0.000741	-0.010873
	-0.013721	0.003472	0.005867	0.022814	-0.027969	0.007959
	0.011528	0.008412	0.024743	-0.014529	-0.004889	-0.003486
	-0.010322	-0.028793	-0.025243	-0.010675	0.026744	-0.037792
	-0.052235					
z604	-0.004784	0.008120	-0.004018	-0.026512	-0.043165	0.012116
	-0.003016	-0.009839	0.001445	0.020574	0.004527	-0.009974
	0.009291	-0.014242	-0.008015	-0.014369	0.000283	0.045411
	0.012542	-0.021025	-0.000827	0.020802	0.013721	0.007453
	-0.020163	0.010846	0.003213	-0.013437	0.017556	0.005646
	0.001481					
x605	-0.006753	-0.021045	-0.027277	-0.021483	0.016101	0.018438
	0.010689	0.019753	0.018888	0.015409	0.009111	-0.009615
	0.007787	-0.004149	-0.026727	-0.005739	0.013888	0.007078
	0.009023	-0.013549	0.002658	-0.000719	0.009717	-0.009583
	0.006771	0.001258	0.028476	0.027884	0.002486	-0.001938
	0.000906					
y605	-0.002061	0.015877	-0.005085	-0.006812	0.006495	-0.024387
	-0.007967	-0.012019	0.037797	-0.011789	0.003086	-0.014544
	-0.015494	0.003530	0.002456	0.022471	-0.022251	0.001379
	0.011029	-0.001543	0.018700	-0.013275	-0.001883	-0.004036
	-0.003486	-0.020463	-0.020900	-0.005712	0.028020	-0.037189
	-0.046040					
z605	-0.005792	0.011992	-0.004400	-0.020909	-0.038890	0.013749
	-0.006534	-0.011961	0.004027	0.015547	0.003305	-0.016134
	0.008995	-0.015852	-0.011070	-0.008805	-0.002547	0.039079
	0.011998	-0.019293	-0.002947	0.021316	0.018494	0.006279
	-0.012848	0.015286	-0.000645	-0.011678	0.022144	0.005980
	0.005962					
x606	-0.006371	-0.021492	-0.023608	-0.018621	0.016468	0.023055
	0.009159	0.022497	0.015103	0.015323	0.012169	-0.004942
	0.013655	-0.000145	-0.028373	-0.008616	0.019265	0.005941
	0.008567	-0.006359	0.000135	-0.002322	0.009079	-0.005994
	0.012887	0.014822	0.033843	0.032929	0.001794	0.004172
	0.004591					
y606	-0.006283	0.015631	-0.011546	-0.012799	0.009666	-0.015795
	-0.003651	-0.009264	0.037425	-0.011654	0.005904	-0.018846
	-0.016916	0.003965	-0.002443	0.023248	-0.014276	-0.004369
	0.010440	-0.011455	0.012368	-0.010851	0.000942	-0.004457
	0.003659	-0.009185	-0.015164	-0.001415	0.027321	-0.037036
	-0.039337					

z606	-0.006600	0.015902	-0.006009	-0.016263	-0.032886	0.014512
	-0.009865	-0.015385	0.004656	0.008148	0.003154	-0.022889
	0.008399	-0.018083	-0.015855	0.002208	-0.006717	0.031051
	0.009544	-0.016369	-0.002065	0.020026	0.025673	0.004295
	-0.005360	0.017909	-0.003926	-0.006736	0.027973	0.006608
	0.005495					
x607	-0.003117	-0.022194	-0.016879	-0.014100	0.015431	0.021934
	0.007090	0.025005	0.010632	0.018977	0.015389	0.002114
	0.019158	-0.000485	-0.030462	-0.004667	0.014928	0.007112
	0.005363	0.009920	0.003561	-0.003915	0.006127	-0.005402
	0.014571	0.012505	0.040030	0.029414	-0.000549	0.011072
	0.010810					
y607	-0.010536	0.015696	-0.017107	-0.018814	0.012350	-0.006351
	0.000801	-0.006270	0.036342	-0.010916	0.009731	-0.021886
	-0.016873	0.004522	-0.007610	0.023932	-0.006766	-0.008677
	0.008559	-0.019580	0.004078	-0.007762	0.003159	-0.006092
	0.010675	0.000295	-0.009258	0.000612	0.027393	-0.034518
	-0.027392					
z607	-0.007903	0.019180	-0.008567	-0.011928	-0.024791	0.015897
	-0.013116	-0.019945	0.005265	-0.001173	0.003045	-0.030443
	0.007100	-0.019402	-0.021632	0.015638	-0.010115	0.018735
	0.007171	-0.014703	-0.003842	0.019474	0.034236	0.004143
	0.003966	0.026100	-0.007431	0.002415	0.033461	0.008649
	-0.000421					
x608	-0.000619	-0.021623	-0.012634	-0.012703	0.016484	0.022731
	0.004696	0.025109	0.007851	0.018371	0.014064	0.003036
	0.016913	0.006000	-0.030800	-0.007610	0.011880	0.005806
	0.006715	0.014687	0.000612	-0.002921	0.002631	0.001748
	0.015487	0.019362	0.040087	0.033192	-0.003838	0.012358
	0.013689					
y608	-0.011468	0.008418	-0.015080	-0.017691	0.013381	-0.007260
	0.004650	-0.001087	0.038444	-0.005611	0.011445	-0.011128
	-0.007781	0.004569	-0.008571	0.020231	-0.005320	-0.006309
	0.005238	-0.018718	0.006493	-0.016002	-0.000275	-0.009859
	0.017319	0.005986	-0.004722	-0.003149	0.025687	-0.021405
	-0.027987					
z608	-0.007007	0.015285	-0.008684	-0.011168	-0.020887	0.016434
	-0.013875	-0.025667	0.010106	-0.008639	-0.000072	-0.030172
	-0.001864	-0.012744	-0.025498	0.012589	0.000455	0.016375
	0.008759	-0.007229	-0.005749	0.020656	0.026127	0.000085
	0.013122	0.035273	-0.013411	0.011056	0.032108	0.004295
	0.004739					

x609	0.002240	-0.019812	-0.008352	-0.012456	0.017368	0.022773
	0.001021	0.023861	0.003978	0.018529	0.011142	0.000590
	0.009635	0.010304	-0.028241	-0.005350	0.009275	0.002830
	0.009697	0.022041	-0.003363	-0.000381	-0.001137	0.005028
	0.013714	0.018724	0.041156	0.035886	-0.008866	0.007675
	0.018356					
y609	-0.012102	0.002598	-0.012685	-0.016942	0.014498	-0.007879
	0.007322	0.003044	0.039320	-0.000444	0.012551	-0.003670
	-0.002360	0.004787	-0.007700	0.019572	-0.005020	-0.005926
	0.002981	-0.015343	0.006855	-0.021994	-0.002756	-0.013930
	0.022017	0.008507	0.000907	-0.005827	0.022133	-0.012857
	-0.027156					
z609	-0.006349	0.011466	-0.008750	-0.010557	-0.016588	0.015965
	-0.014229	-0.030686	0.014318	-0.013542	-0.002693	-0.027860
	-0.007278	-0.005869	-0.029930	0.009013	0.007159	0.015752
	0.007814	-0.002399	-0.007350	0.020707	0.019412	-0.002006
	0.021076	0.044420	-0.021063	0.014421	0.031159	0.006503
	0.004385					
x610	0.004772	-0.017811	-0.005370	-0.011751	0.017516	0.022044
	-0.002893	0.022224	0.000638	0.017412	0.007969	-0.001798
	0.003085	0.013290	-0.025437	-0.003001	0.009913	0.001058
	0.012894	0.026569	-0.007447	0.002993	-0.004666	0.008037
	0.011554	0.018587	0.040927	0.035700	-0.012433	0.005903
	0.020404					
y610	-0.012819	-0.002002	-0.011435	-0.015569	0.014872	-0.008943
	0.009666	0.005749	0.039683	0.002129	0.012983	0.002160
	0.001566	0.004623	-0.005403	0.019895	-0.001507	-0.005061
	0.003168	-0.013237	0.005813	-0.025720	-0.006548	-0.017129
	0.024483	0.011315	0.007495	-0.008781	0.017642	-0.003383
	-0.025720					
z610	-0.005763	0.008071	-0.008604	-0.010609	-0.011801	0.014568
	-0.014152	-0.033123	0.017627	-0.016859	-0.004970	-0.025223
	-0.010946	-0.000211	-0.034532	0.007302	0.010765	0.014366
	0.005980	0.002210	-0.007880	0.020457	0.014403	-0.004030
	0.028825	0.049602	-0.026559	0.015760	0.030163	0.009225
	0.002985					
x611	0.007404	-0.014726	-0.002276	-0.012670	0.018287	0.021397
	-0.007178	0.021750	-0.003076	0.018527	0.005626	-0.005044
	-0.003444	0.015806	-0.024292	-0.000499	0.005511	-0.000293
	0.012247	0.030648	-0.009562	0.005442	-0.008005	0.011304
	0.008802	0.016099	0.039005	0.033554	-0.016187	0.002553
	0.019804					

y611	-0.013495	-0.004836	-0.010775	-0.015675	0.017030	-0.008957
	0.012074	0.009273	0.039846	0.005235	0.015521	0.005359
	0.003019	0.005712	-0.005501	0.019752	-0.003740	-0.003295
	0.000071	-0.010414	0.005147	-0.030852	-0.012304	-0.017078
	0.026518	0.012225	0.012262	-0.009753	0.010808	0.000726
	-0.022971					
z611	-0.005090	0.005170	-0.008417	-0.011333	-0.007028	0.012200
	-0.013857	-0.034083	0.020099	-0.019305	-0.007668	-0.022203
	-0.013171	0.004014	-0.037765	0.006229	0.012699	0.012282
	0.005124	0.005160	-0.007781	0.020744	0.010482	-0.007067
	0.034012	0.052409	-0.029445	0.015755	0.029723	0.013002
	0.002837					
x612	0.010319	-0.011480	0.001077	-0.013518	0.018052	0.020284
	-0.012724	0.021840	-0.007174	0.019706	0.002811	-0.008154
	-0.008227	0.017095	-0.021614	0.001850	0.001360	-0.003125
	0.011335	0.034510	-0.012198	0.010485	-0.008335	0.013258
	0.006321	0.013783	0.036255	0.031165	-0.015960	0.000714
	0.016298					
y612	-0.013687	-0.005723	-0.010406	-0.016359	0.018452	-0.009290
	0.013414	0.012863	0.038466	0.007589	0.017693	0.007931
	0.004407	0.005648	-0.003783	0.019704	-0.005551	-0.002001
	-0.000036	-0.005122	0.003321	-0.030582	-0.016825	-0.015890
	0.027463	0.012974	0.018378	-0.006747	0.005574	0.004134
	-0.023097					
z612	-0.004460	0.002597	-0.008498	-0.012756	-0.001705	0.008991
	-0.013067	-0.033544	0.021883	-0.020755	-0.009716	-0.019206
	-0.014649	0.007245	-0.040538	0.006644	0.012706	0.010558
	0.003335	0.006963	-0.006459	0.019878	0.006586	-0.009703
	0.038316	0.051989	-0.030881	0.012829	0.027671	0.017816
	0.003018					
x613	0.013278	-0.008736	0.004771	-0.014053	0.016828	0.019436
	-0.019297	0.022232	-0.011064	0.020240	0.000007	-0.011960
	-0.011293	0.018103	-0.018673	0.003601	-0.003627	-0.007980
	0.008109	0.037209	-0.015068	0.016103	-0.005340	0.014217
	0.004286	0.012435	0.031001	0.028669	-0.011885	-0.000549
	0.012076					
y613	-0.013985	-0.006587	-0.009471	-0.017028	0.019234	-0.008248
	0.015032	0.015722	0.037171	0.009037	0.021072	0.008788
	0.006907	0.004972	-0.002798	0.019377	-0.010001	-0.002623
	-0.003880	0.002310	0.002964	-0.029504	-0.020720	-0.011937
	0.028490	0.011958	0.022963	-0.000513	0.005792	0.002653
	-0.021682					

z613	-0.003620	0.000639	-0.008891	-0.014812	0.003834	0.004595
	-0.011747	-0.031422	0.022458	-0.020888	-0.011420	-0.016256
	-0.015386	0.009158	-0.042501	0.008405	0.010981	0.009640
	0.001588	0.007961	-0.004681	0.019160	0.002589	-0.012775
	0.041278	0.048995	-0.030879	0.008530	0.025023	0.022612
	0.004536					
x614	0.016424	-0.005764	0.008604	-0.014493	0.014965	0.018068
	-0.027304	0.023101	-0.015044	0.020858	-0.003025	-0.016541
	-0.013757	0.018881	-0.015010	0.006040	-0.009574	-0.014243
	0.004263	0.037925	-0.018847	0.022270	-0.000290	0.013908
	0.002406	0.012370	0.023489	0.024125	-0.006697	0.000075
	0.006699					
y614	-0.013798	-0.005950	-0.007990	-0.017750	0.019538	-0.008033
	0.015922	0.018539	0.035426	0.009377	0.023162	0.006803
	0.008468	0.005122	-0.001645	0.019449	-0.017365	-0.003530
	-0.006054	0.006023	0.000048	-0.027439	-0.024228	-0.008031
	0.029043	0.013133	0.024860	0.003666	-0.000778	0.004710
	-0.017104					
z614	-0.002721	-0.001005	-0.009563	-0.017808	0.009774	-0.000486
	-0.010128	-0.028173	0.021896	-0.019790	-0.012750	-0.012688
	-0.014718	0.010050	-0.043706	0.011841	0.007539	0.008776
	0.000039	0.008590	-0.000949	0.017353	-0.000964	-0.014866
	0.043454	0.042870	-0.029834	0.002517	0.022097	0.027801
	0.007843					
x615	0.019673	-0.002524	0.012374	-0.015102	0.012483	0.016347
	-0.036525	0.024463	-0.019333	0.022010	-0.005967	-0.021861
	-0.015532	0.019153	-0.010745	0.009382	-0.016654	-0.021722
	-0.001183	0.038380	-0.022550	0.029341	0.007329	0.012459
	-0.000377	0.010769	0.015124	0.017938	0.001662	0.000249
	-0.001638					
y615	-0.013460	-0.004669	-0.006930	-0.016561	0.019844	-0.007102
	0.013635	0.021357	0.033378	0.009913	0.026630	0.004885
	0.009469	0.007462	0.000909	0.021131	-0.025434	-0.007226
	-0.008796	0.008904	-0.007214	-0.022366	-0.024237	-0.006121
	0.027247	0.017350	0.026807	0.008332	-0.001321	0.006049
	-0.019006					
z615	-0.001888	-0.002365	-0.010480	-0.021377	0.015835	-0.006854
	-0.008143	-0.023091	0.020362	-0.017574	-0.013746	-0.008724
	-0.012229	0.009761	-0.044533	0.016822	0.001943	0.008293
	-0.001674	0.007931	0.003308	0.014397	-0.003933	-0.016402
	0.044227	0.033973	-0.027629	-0.006358	0.018585	0.033952
	0.011891					

x616	0.022882	0.000711	0.016005	-0.016236	0.009502	0.014681
	-0.046195	0.026259	-0.023406	0.023047	-0.009536	-0.027042
	-0.016184	0.017595	-0.005612	0.012088	-0.023253	-0.029509
	-0.007940	0.038266	-0.024984	0.036922	0.015583	0.010627
	-0.002135	0.007594	0.005221	0.011715	0.012015	0.000025
	-0.010949					
y616	-0.013112	-0.001401	-0.004835	-0.016016	0.019186	-0.007042
	0.010935	0.023524	0.029568	0.010642	0.029776	-0.002444
	0.008366	0.012173	0.002595	0.024838	-0.037864	-0.012818
	-0.014760	0.013016	-0.014775	-0.014929	-0.020710	-0.003409
	0.021236	0.020192	0.029333	0.011250	-0.003395	0.007890
	-0.029129					
z616	-0.001194	-0.003262	-0.011325	-0.025517	0.022195	-0.014402
	-0.006099	-0.016260	0.018202	-0.013920	-0.014167	-0.004914
	-0.008546	0.009292	-0.044402	0.023313	-0.006356	0.008048
	-0.003126	0.007231	0.007215	0.011267	-0.005806	-0.017609
	0.043089	0.022227	-0.023596	-0.017853	0.014780	0.042688
	0.013192					
x617	0.026460	-0.006071	0.029079	-0.010570	-0.005153	0.026299
	-0.053589	0.030851	-0.030243	0.023759	-0.021308	-0.023684
	-0.017647	0.007955	-0.006979	0.006035	-0.006069	-0.022324
	-0.018575	0.036212	-0.023757	0.044947	0.022276	0.006624
	-0.013696	0.003970	0.001271	-0.023585	0.029546	-0.007924
	-0.013300					
y617	-0.011104	-0.006330	0.004821	-0.007935	0.009848	0.007163
	0.004902	0.029023	0.024431	0.012282	0.027471	-0.003979
	0.007957	0.006849	-0.002438	0.022520	-0.036755	-0.010319
	-0.027357	0.018005	-0.023571	-0.003230	-0.015356	-0.000206
	0.011564	0.018601	0.027528	0.008589	0.006580	0.005398
	-0.032583					
z617	-0.000752	0.003955	-0.019507	-0.041861	0.030155	-0.034805
	-0.000479	-0.012651	0.026886	-0.014499	-0.015503	-0.003178
	-0.007500	0.027905	-0.035283	0.021940	-0.013464	0.015539
	0.000715	0.022024	0.016130	0.016533	-0.012244	-0.002824
	0.039006	0.025428	-0.018022	-0.013302	0.015621	0.025249
	0.014093					
x618	0.028274	-0.009013	0.036186	-0.009565	-0.014899	0.028127
	-0.057438	0.031669	-0.033287	0.023845	-0.030294	-0.021381
	-0.018761	0.002149	0.000579	-0.000382	0.005944	-0.017331
	-0.025242	0.033207	-0.020489	0.046655	0.025694	0.006860
	-0.020849	0.003862	-0.005984	-0.042188	0.039208	-0.016030
	-0.011895					

y618	-0.008266	-0.013729	0.016722	0.001760	-0.002384	0.025763
	-0.003777	0.035546	0.015217	0.014321	0.024067	-0.002110
	0.006520	-0.001294	-0.016432	0.021223	-0.030959	-0.008914
	-0.041397	0.020122	-0.038542	0.007512	-0.008263	0.001433
	-0.002350	0.009053	0.032211	-0.011180	0.021474	0.000910
	-0.039709					
z618	0.000198	0.008262	-0.024390	-0.054591	0.036114	-0.049026
	0.003198	-0.008053	0.031760	-0.014797	-0.016912	-0.002888
	-0.007889	0.044169	-0.028425	0.016980	-0.021138	0.020842
	0.004215	0.032015	0.021400	0.019333	-0.011401	0.010651
	0.031683	0.023861	-0.011888	-0.010200	0.013218	0.010813
	0.013118					
x619	0.029921	-0.008200	0.037159	-0.011334	-0.018755	0.021590
	-0.059197	0.028878	-0.034213	0.024191	-0.033815	-0.020972
	-0.021054	0.000270	0.014661	-0.005991	0.014195	-0.013151
	-0.025072	0.029547	-0.013476	0.045233	0.029210	0.005527
	-0.018003	0.003479	-0.009147	-0.045844	0.044680	-0.018491
	-0.008924					
y619	-0.006573	-0.019763	0.027270	0.009011	-0.014187	0.040586
	-0.010856	0.039560	0.006678	0.015630	0.019773	-0.001604
	0.004906	-0.010822	-0.023052	0.021408	-0.028096	-0.009129
	-0.055033	0.017194	-0.051597	0.014128	-0.004801	0.003933
	-0.015317	0.005775	0.031863	-0.026523	0.029689	0.000632
	-0.044737					
z619	0.000928	0.009432	-0.025710	-0.064445	0.039540	-0.055933
	0.005006	-0.002892	0.033682	-0.015927	-0.019391	-0.002133
	-0.008530	0.056022	-0.027025	0.012165	-0.030781	0.021502
	0.004405	0.035697	0.019476	0.019140	-0.007953	0.022416
	0.015774	0.023073	-0.008180	-0.014035	0.010067	-0.001512
	0.013384					
x620	0.030744	-0.005752	0.034914	-0.016305	-0.019057	0.011372
	-0.059172	0.025351	-0.034731	0.023940	-0.036560	-0.021011
	-0.022481	0.000006	0.028769	-0.009375	0.018322	-0.013037
	-0.021520	0.024582	-0.008535	0.038917	0.029187	0.006901
	-0.019175	0.005082	-0.011289	-0.048592	0.043623	-0.020824
	0.000258					
y620	-0.005131	-0.023675	0.034732	0.018054	-0.025105	0.048985
	-0.016448	0.040623	0.000576	0.015460	0.017507	-0.001606
	0.002182	-0.021562	-0.022866	0.022638	-0.017072	-0.006360
	-0.067811	0.016384	-0.061308	0.023394	-0.005791	0.001252
	-0.010666	-0.000549	0.032697	-0.032624	0.040089	0.005795
	-0.053716					

z620	0.000049	0.008910	-0.025846	-0.063507	0.037931	-0.061483
	0.006966	-0.000580	0.038541	-0.019701	-0.023107	-0.001173
	-0.010945	0.056302	-0.028965	0.013056	-0.018682	0.027364
	-0.006096	0.046169	0.014540	0.028066	-0.014778	0.020109
	0.021872	0.012373	-0.005073	-0.015191	0.014353	-0.003397
	-0.002707					
x621	0.030139	-0.002955	0.029770	-0.021213	-0.018206	-0.001496
	-0.057831	0.020775	-0.032626	0.020218	-0.040083	-0.020911
	-0.022826	-0.000017	0.043408	-0.012227	0.025769	-0.015494
	-0.017476	0.019394	-0.002611	0.031751	0.029233	0.003003
	-0.016649	0.005804	-0.015356	-0.044834	0.044212	-0.021516
	0.001409					
y621	-0.002600	-0.025577	0.040501	0.021747	-0.032557	0.053192
	-0.021289	0.041733	-0.008370	0.016648	0.017718	-0.003652
	-0.000913	-0.027855	-0.016357	0.022361	-0.017118	-0.006499
	-0.073218	0.010424	-0.068552	0.027717	-0.005517	0.004645
	-0.009322	-0.002879	0.034074	-0.035826	0.042904	0.011743
	-0.048832					
z621	0.000292	0.008104	-0.024733	-0.066130	0.037254	-0.064623
	0.006742	0.002362	0.040055	-0.021343	-0.024228	-0.000354
	-0.013329	0.059009	-0.032458	0.012334	-0.018353	0.027731
	-0.012988	0.048114	0.003851	0.033242	-0.017968	0.023332
	0.016207	0.010051	-0.003203	-0.021985	0.014890	0.000095
	-0.001693					
x622	0.028925	0.001907	0.021259	-0.029040	-0.015304	-0.018619
	-0.056099	0.014759	-0.031832	0.015913	-0.042561	-0.021213
	-0.023506	0.002357	0.055765	-0.011713	0.032929	-0.017436
	-0.014192	0.011785	0.001467	0.023249	0.024369	-0.000486
	-0.011637	0.003973	-0.016250	-0.042087	0.047284	-0.020649
	0.002432					
y622	0.000755	-0.027305	0.045300	0.025434	-0.039014	0.054484
	-0.025967	0.044023	-0.017872	0.015431	0.018815	-0.007607
	-0.003452	-0.032103	-0.003448	0.017408	-0.016967	-0.007578
	-0.074062	-0.000706	-0.075052	0.027391	-0.004881	0.010790
	-0.003246	-0.005422	0.036402	-0.034420	0.040310	0.018203
	-0.036383					
z622	0.000365	0.006525	-0.022743	-0.066819	0.035646	-0.067956
	0.005856	0.004554	0.041738	-0.022616	-0.023896	0.000275
	-0.016025	0.057559	-0.035092	0.009930	-0.015424	0.025708
	-0.020543	0.049574	-0.011241	0.036971	-0.024028	0.025122
	0.012052	0.010360	-0.004785	-0.027338	0.009783	0.008708
	0.002216					

x623	0.027746	0.010633	0.006661	-0.041840	-0.007185	-0.047227
	-0.052900	0.006305	-0.029596	0.015900	-0.037446	-0.017442
	-0.024255	0.004536	0.066828	-0.008896	0.036179	-0.021159
	-0.005072	0.000435	-0.006056	0.007469	0.005073	0.005182
	-0.003248	0.007891	-0.015790	-0.028711	0.040757	-0.022884
	0.013799					
y623	0.005624	-0.029283	0.050246	0.030887	-0.044446	0.055385
	-0.031057	0.047340	-0.031567	0.009897	0.019342	-0.017224
	-0.008098	-0.034251	0.017991	0.006993	-0.019955	-0.005051
	-0.071716	-0.021074	-0.076173	0.017848	0.000114	0.021345
	0.009572	-0.014840	0.039844	-0.025587	0.035066	0.018040
	-0.026252					
z623	0.001216	0.004413	-0.019378	-0.063620	0.032562	-0.071028
	0.003945	0.006796	0.041006	-0.024078	-0.020345	-0.002806
	-0.020039	0.053385	-0.036607	0.002694	-0.007841	0.025902
	-0.030727	0.047152	-0.033703	0.036885	-0.034125	0.029976
	0.014257	0.007394	-0.003774	-0.032125	-0.003793	0.027548
	0.011052					
x624	0.026300	0.026425	-0.016020	-0.059183	0.006919	-0.093066
	-0.045555	-0.008873	-0.021737	0.023412	-0.020632	-0.005988
	-0.025407	0.004992	0.075624	0.000341	0.037393	-0.025782
	0.006913	-0.006795	-0.032288	-0.017696	-0.034557	0.031079
	0.007131	0.017040	-0.007439	-0.004053	0.007536	-0.022857
	0.042886					
y624	0.010051	-0.029767	0.052530	0.034657	-0.047594	0.050316
	-0.035352	0.048204	-0.045958	0.002591	0.016912	-0.027954
	-0.014810	-0.039510	0.042280	0.001195	-0.020025	-0.006662
	-0.061909	-0.046802	-0.076842	0.009659	0.004111	0.024488
	0.024480	-0.019288	0.040521	-0.014042	0.028490	0.014698
	-0.011192					
z624	0.000880	-0.005633	-0.008616	-0.050052	0.026741	-0.053134
	-0.000204	0.007027	0.031876	-0.036924	-0.031272	-0.020516
	-0.030986	0.049343	-0.026872	-0.018642	-0.010523	0.017639
	-0.037497	0.033562	-0.032544	0.023567	0.000973	0.026760
	0.005983	-0.028001	-0.006055	-0.032829	-0.009929	0.022394
	-0.003286					
x625	0.019553	0.034651	-0.033083	-0.063926	0.022254	-0.107446
	-0.037471	-0.028557	-0.010872	0.017004	-0.014321	-0.001259
	-0.027218	-0.000088	0.073833	0.015475	0.028104	-0.048356
	0.018109	-0.006584	-0.023000	-0.037697	-0.028669	0.018922
	0.002459	0.012375	-0.005892	0.008917	0.001916	-0.015109
	0.025218					

y625	0.009603	-0.022346	0.042586	0.024452	-0.046736	0.028750
	-0.036702	0.039277	-0.050906	-0.002746	0.014434	-0.020840
	-0.014793	-0.039422	0.073171	0.010801	-0.024188	-0.025544
	-0.045298	-0.058155	-0.073693	-0.000792	-0.002868	0.019919
	0.028215	-0.006517	0.037992	-0.002578	0.023961	0.015408
	0.009296					
z625	0.000794	-0.016598	0.004117	-0.035107	0.019417	-0.031769
	-0.004551	0.013182	0.020754	-0.044288	-0.035598	-0.034575
	-0.037406	0.041767	-0.024763	-0.030518	-0.010974	0.005824
	-0.039224	0.017825	-0.040054	0.018473	0.023341	0.006848
	0.006278	-0.047704	-0.000774	-0.036454	-0.019248	0.026608
	0.001854					
x626	0.032201	0.016483	-0.019183	-0.004475	0.002689	0.026256
	0.021644	0.010519	-0.022405	0.051580	-0.001376	-0.028690
	-0.015053	0.029904	0.051720	-0.002159	-0.011712	0.077020
	-0.005369	0.031842	-0.017414	-0.008493	-0.024618	-0.048405
	0.031989	0.029540	-0.024850	-0.007403	0.023830	0.113910
	-0.010501					
y626	-0.013465	-0.004803	-0.019819	-0.003664	-0.005395	0.017699
	-0.026848	0.004605	-0.032170	-0.007567	0.016981	-0.027559
	0.017428	-0.020888	-0.014859	0.002637	0.010766	0.006177
	0.013330	-0.000288	0.019123	-0.000878	-0.007193	-0.016841
	0.041874	-0.026132	0.027302	-0.005303	-0.013829	-0.016402
	-0.008805					
z626	0.010894	-0.049732	-0.004796	0.012169	-0.023181	-0.004408
	0.014111	-0.015924	0.005816	0.048349	-0.020012	0.021959
	-0.021061	-0.011910	0.069824	0.037737	-0.006807	0.036241
	0.004970	0.045538	0.012707	-0.032128	-0.009151	-0.018604
	0.005330	-0.042547	-0.028190	0.033146	0.002156	0.032493
	0.058330					
x627	0.028024	0.011604	-0.021717	-0.005218	0.011570	0.028593
	0.021208	0.005989	-0.037882	0.063010	-0.003060	-0.045153
	-0.023851	0.029825	0.048594	-0.007470	-0.021617	0.084906
	-0.001067	0.021146	-0.022177	-0.015829	-0.038271	-0.040592
	0.036748	0.012027	-0.025502	-0.004529	-0.007445	0.075632
	0.007300					
y627	-0.016439	-0.008608	-0.026944	0.000948	-0.001862	0.022200
	-0.039573	-0.006106	-0.029412	-0.013386	0.013795	-0.023136
	0.014203	-0.026281	-0.020358	0.015534	0.010055	-0.002277
	0.025984	-0.008224	0.020520	-0.003255	-0.007927	-0.025268
	0.013748	-0.017042	0.016091	-0.022516	-0.005543	-0.016062
	-0.026447					

z627	0.009378	-0.053778	-0.006307	0.016976	-0.015385	0.002261
	0.015620	-0.032250	-0.004960	0.050907	-0.009168	0.009802
	-0.024269	-0.012101	0.067429	0.037436	-0.010296	0.040170
	0.017033	0.008042	0.012972	-0.035177	-0.005307	0.000070
	-0.006183	-0.040864	-0.040613	0.012030	-0.006631	0.012478
	0.030400					
x628	0.025194	0.008983	-0.022459	-0.005199	0.018842	0.028040
	0.023006	0.001784	-0.051850	0.074369	-0.006492	-0.055503
	-0.029371	0.028833	0.043071	-0.008819	-0.029370	0.084735
	0.000747	0.018216	-0.028091	-0.020447	-0.047019	-0.027914
	0.052274	0.003338	-0.018195	0.004327	-0.017744	0.041780
	0.025298					
y628	-0.016726	-0.008698	-0.031312	0.006067	-0.001338	0.024781
	-0.049813	-0.009322	-0.025858	-0.023042	0.010485	-0.017700
	0.020090	-0.025799	-0.029005	0.019493	0.011740	-0.011194
	0.021432	0.001248	0.017293	0.000680	-0.012961	-0.030982
	0.005144	-0.006044	0.022005	-0.021174	0.012663	-0.006404
	-0.029718					
z628	0.008978	-0.056576	-0.008683	0.021805	-0.010209	0.007227
	0.015881	-0.044253	-0.016164	0.046583	0.000377	-0.001396
	-0.022992	-0.011070	0.061437	0.035244	-0.012193	0.046626
	0.027994	-0.021970	0.007994	-0.037562	-0.008115	0.011149
	-0.015989	-0.041142	-0.044534	0.001109	-0.016902	-0.003631
	0.017310					
x629	0.022251	0.006854	-0.021972	-0.004881	0.024994	0.025747
	0.025703	-0.003029	-0.061889	0.083501	-0.008299	-0.063640
	-0.034337	0.029768	0.039592	-0.010266	-0.037029	0.080566
	0.002615	0.015325	-0.027239	-0.021039	-0.047792	-0.019245
	0.064495	-0.002586	-0.013495	0.011883	-0.023497	0.015397
	0.037662					
y629	-0.018026	-0.005209	-0.033549	0.008989	-0.002012	0.024853
	-0.056035	-0.008685	-0.020572	-0.031767	0.006533	-0.011685
	0.021346	-0.024079	-0.032047	0.021716	0.010475	-0.024307
	0.013077	0.021279	0.018984	0.009046	-0.012517	-0.037357
	0.003174	0.006652	0.025421	-0.019257	0.025450	0.002491
	-0.027252					
z629	0.007553	-0.056008	-0.010942	0.025439	-0.007186	0.010270
	0.016339	-0.052749	-0.023744	0.040883	0.004701	-0.011179
	-0.022872	-0.009822	0.059244	0.033646	-0.013687	0.044822
	0.034410	-0.034838	0.012162	-0.035190	-0.007242	0.015412
	-0.019823	-0.040232	-0.046810	-0.008493	-0.023835	-0.017079
	0.010470					

x630	0.020261	0.004067	-0.020094	-0.003331	0.029631	0.022184
	0.028092	-0.007523	-0.069515	0.090896	-0.008320	-0.067469
	-0.037915	0.032602	0.032853	-0.009295	-0.041929	0.074411
	0.005339	0.008675	-0.027479	-0.019889	-0.048234	-0.013028
	0.067391	-0.008569	-0.009351	0.016749	-0.028364	-0.006924
	0.039275					
y630	-0.017924	-0.000911	-0.034549	0.008869	-0.002258	0.023745
	-0.064642	-0.006829	-0.015609	-0.041123	0.002312	-0.005653
	0.022870	-0.023650	-0.038549	0.024684	0.012269	-0.036641
	0.003903	0.033794	0.017509	0.012381	-0.015659	-0.040011
	0.001558	0.017180	0.032008	-0.020596	0.040656	0.009973
	-0.024983					
z630	0.007176	-0.053569	-0.013104	0.026714	-0.005322	0.011004
	0.012458	-0.058137	-0.027774	0.032521	0.007207	-0.016342
	-0.021365	-0.008671	0.050178	0.034170	-0.008702	0.037321
	0.034618	-0.042537	0.016021	-0.035247	-0.011622	0.019699
	-0.019559	-0.035982	-0.038357	-0.018977	-0.021097	-0.027617
	0.002534					
x631	0.019142	0.000845	-0.017170	-0.000856	0.032734	0.017317
	0.030831	-0.012467	-0.075469	0.096254	-0.006354	-0.068711
	-0.039746	0.037947	0.026826	-0.006984	-0.044929	0.067916
	0.007764	0.000979	-0.023456	-0.016111	-0.044336	-0.011924
	0.065409	-0.014065	-0.006188	0.018715	-0.030941	-0.021549
	0.033166					
y631	-0.018183	0.003844	-0.034012	0.008794	-0.002991	0.022477
	-0.071540	-0.004741	-0.010431	-0.049942	-0.003294	0.000906
	0.026279	-0.026838	-0.043037	0.024839	0.011862	-0.044680
	0.000170	0.047393	0.012331	0.015532	-0.014748	-0.041934
	-0.005849	0.025079	0.032111	-0.016468	0.043965	0.018096
	-0.020431					
z631	0.006271	-0.050148	-0.014603	0.028591	-0.005080	0.010609
	0.008754	-0.062381	-0.027417	0.023336	0.006513	-0.017105
	-0.016154	-0.010117	0.041415	0.032905	-0.004816	0.028676
	0.038187	-0.041518	0.017395	-0.032714	-0.013101	0.021429
	-0.025420	-0.031515	-0.035075	-0.024974	-0.024418	-0.029857
	-0.011682					
x632	0.018662	-0.002764	-0.013370	0.002578	0.034548	0.011176
	0.034131	-0.017400	-0.079458	0.101308	-0.002340	-0.067463
	-0.041173	0.045239	0.021711	-0.002468	-0.046353	0.059165
	0.009823	-0.007460	-0.015653	-0.009211	-0.036963	-0.013911
	0.059891	-0.018203	-0.003624	0.019166	-0.030162	-0.029249
	0.022819					

y632	-0.018541	0.009282	-0.032565	0.007253	-0.004084	0.021440
	-0.079445	-0.001413	-0.004753	-0.058223	-0.007403	0.005879
	0.028984	-0.031075	-0.045182	0.022647	0.012244	-0.049792
	-0.004599	0.058070	0.005386	0.018640	-0.013130	-0.042613
	-0.008547	0.033125	0.030890	-0.009600	0.045687	0.025871
	-0.006240					
z632	0.004532	-0.046231	-0.016357	0.029689	-0.006153	0.010170
	0.002539	-0.064614	-0.023192	0.013869	0.007462	-0.016430
	-0.011460	-0.011424	0.034230	0.032206	0.002164	0.018000
	0.038330	-0.037611	0.020822	-0.026785	-0.013097	0.020713
	-0.029518	-0.023683	-0.030405	-0.028352	-0.019845	-0.028377
	-0.017503					
x633	0.019261	-0.006720	-0.008639	0.006737	0.035067	0.004278
	0.037897	-0.022422	-0.081937	0.105290	0.002367	-0.063419
	-0.041233	0.053571	0.015994	0.004462	-0.045612	0.049350
	0.011270	-0.016746	-0.005323	-0.001555	-0.026817	-0.017860
	0.049266	-0.019577	-0.000088	0.016626	-0.024945	-0.030346
	0.003565					
y633	-0.018047	0.016076	-0.029931	0.004324	-0.005326	0.020654
	-0.087735	0.002725	0.000876	-0.068685	-0.013534	0.009161
	0.033047	-0.038853	-0.047624	0.018043	0.014016	-0.049643
	-0.010328	0.068733	-0.006371	0.017074	-0.013832	-0.042279
	-0.007074	0.039811	0.027810	-0.002669	0.042939	0.032105
	0.008873					
z633	0.003414	-0.042146	-0.018308	0.030002	-0.008578	0.010832
	-0.006899	-0.066909	-0.016716	0.000962	0.004187	-0.014459
	-0.003387	-0.017516	0.023637	0.030798	0.010960	0.011828
	0.035008	-0.031023	0.022761	-0.025422	-0.013955	0.017997
	-0.033637	-0.016909	-0.023643	-0.032053	-0.015170	-0.023876
	-0.030687					
x634	0.020502	-0.010393	-0.002754	0.011848	0.034514	-0.004588
	0.041579	-0.027705	-0.082689	0.108777	0.009349	-0.056879
	-0.040054	0.063270	0.010447	0.013451	-0.042982	0.037516
	0.012419	-0.028274	0.006257	0.008446	-0.015282	-0.024037
	0.036044	-0.018014	0.002937	0.012118	-0.018639	-0.027543
	-0.018255					
y634	-0.017349	0.024707	-0.025606	-0.000352	-0.006414	0.018750
	-0.096644	0.008762	0.006361	-0.079233	-0.019057	0.011271
	0.037638	-0.047892	-0.048166	0.009697	0.014666	-0.047986
	-0.016035	0.078833	-0.023125	0.015510	-0.015584	-0.039356
	-0.000284	0.047496	0.022776	0.006868	0.032675	0.034105
	0.034436					

z634	0.001674	-0.035456	-0.020344	0.029430	-0.011675	0.010851
	-0.020251	-0.067517	-0.007251	-0.013493	-0.000325	-0.011461
	0.006460	-0.024361	0.012741	0.029371	0.020692	0.003598
	0.030217	-0.020043	0.020057	-0.023565	-0.017842	0.012003
	-0.031426	-0.006320	-0.017623	-0.032995	-0.017992	-0.027623
	-0.026092					
x635	0.022533	-0.013972	0.004849	0.017107	0.033409	-0.014199
	0.046121	-0.033314	-0.082306	0.110829	0.017391	-0.050346
	-0.037802	0.074852	0.004243	0.022023	-0.038651	0.024780
	0.013161	-0.040053	0.018692	0.018136	0.001574	-0.033716
	0.024549	-0.018189	0.000632	0.007880	-0.012663	-0.020451
	-0.042777					
y635	-0.016546	0.034371	-0.019473	-0.006813	-0.007662	0.016785
	-0.104196	0.016279	0.011001	-0.091150	-0.024263	0.011584
	0.042515	-0.058477	-0.047161	-0.003092	0.015118	-0.042645
	-0.021022	0.089656	-0.042468	0.013813	-0.014461	-0.033593
	0.010923	0.052007	0.014098	0.019753	0.022599	0.035731
	0.064273					
z635	0.000109	-0.026663	-0.021797	0.026976	-0.014576	0.012266
	-0.035798	-0.065071	0.003040	-0.030429	-0.008564	-0.010767
	0.017468	-0.031751	0.000774	0.022370	0.031317	-0.003920
	0.021780	-0.000028	0.012819	-0.025620	-0.020093	0.003913
	-0.017244	0.000150	-0.017379	-0.025317	-0.024202	-0.026313
	-0.010115					
x636	0.022980	-0.013291	0.007835	0.016497	0.032661	-0.012098
	0.042856	-0.038009	-0.081534	0.098923	0.019327	-0.040269
	-0.033254	0.070474	-0.000119	0.019124	-0.043829	0.015173
	0.005278	-0.034427	0.013739	0.019509	0.009167	-0.037958
	0.019524	-0.003832	0.001270	0.012716	-0.008898	-0.008284
	-0.034461					
y636	-0.012620	0.039347	-0.011133	-0.007346	-0.004934	0.007770
	-0.098905	0.023746	0.006756	-0.083473	-0.023247	0.005604
	0.040268	-0.049130	-0.041024	0.000813	0.023970	-0.034240
	-0.019506	0.085399	-0.039253	0.014723	-0.016268	-0.028592
	0.008477	0.030254	0.010677	0.032807	0.017714	0.022298
	0.066894					
z636	-0.001564	-0.022602	-0.022675	0.025377	-0.016515	0.010918
	-0.044107	-0.061455	0.008555	-0.040854	-0.009502	-0.012994
	0.020709	-0.031674	-0.003402	0.019034	0.038252	-0.007898
	0.016553	0.006310	0.009546	-0.025624	-0.017709	0.002037
	-0.007709	0.000793	-0.023444	-0.019687	-0.018019	-0.026478
	0.005561					

x637	0.023148	-0.012802	0.009975	0.015956	0.030899	-0.012058
	0.039208	-0.042227	-0.080584	0.087948	0.020035	-0.030810
	-0.027681	0.065023	-0.003230	0.015192	-0.047033	0.005351
	0.000068	-0.031238	0.009040	0.023434	0.017614	-0.039625
	0.016050	0.008146	-0.001409	0.014444	-0.007288	-0.002053
	-0.025638					
y637	-0.008256	0.042707	-0.003502	-0.007992	-0.002527	-0.000855
	-0.092990	0.029768	0.002397	-0.074911	-0.022202	0.000384
	0.037696	-0.040642	-0.035716	0.004808	0.030646	-0.025669
	-0.017658	0.078473	-0.034915	0.015733	-0.016925	-0.023605
	0.007684	0.011092	0.006288	0.041413	0.013493	0.009022
	0.067415					
z637	-0.002588	-0.017433	-0.022264	0.023977	-0.017921	0.007942
	-0.050829	-0.057763	0.012271	-0.048453	-0.009938	-0.015671
	0.023151	-0.030578	-0.006371	0.017797	0.046065	-0.011103
	0.013094	0.008433	0.007413	-0.022469	-0.016630	0.001604
	0.003971	-0.000997	-0.029361	-0.019040	-0.012476	-0.031309
	0.015519					
x638	0.023779	-0.012446	0.011730	0.014016	0.028549	-0.013525
	0.035927	-0.044941	-0.079163	0.076900	0.018026	-0.022820
	-0.020719	0.057171	-0.005904	0.011493	-0.048605	-0.002994
	-0.000480	-0.027265	0.005197	0.026830	0.024861	-0.041948
	0.011374	0.014537	-0.002893	0.022169	-0.007358	0.000367
	-0.011500					
y638	-0.003364	0.044268	0.003862	-0.008825	-0.000428	-0.008359
	-0.086096	0.034283	-0.002209	-0.065983	-0.020683	-0.003782
	0.034120	-0.032142	-0.029935	0.007918	0.034793	-0.018382
	-0.016418	0.069472	-0.031388	0.016760	-0.016654	-0.018477
	0.007430	-0.004318	0.002975	0.046132	0.012336	-0.001318
	0.064202					
z638	-0.002265	-0.011591	-0.019944	0.021199	-0.018142	0.004628
	-0.054734	-0.052666	0.014224	-0.054469	-0.010975	-0.019963
	0.025457	-0.029387	-0.009655	0.018636	0.054339	-0.011546
	0.013400	0.010851	0.006513	-0.021894	-0.019083	-0.001340
	0.013752	-0.008396	-0.029327	-0.010445	-0.007291	-0.035003
	0.025083					
x639	0.024169	-0.012134	0.012574	0.013398	0.025848	-0.016989
	0.030658	-0.048543	-0.078081	0.067581	0.017738	-0.014911
	-0.013844	0.052264	-0.008024	0.007257	-0.047220	-0.006532
	-0.010307	-0.028961	0.004452	0.030620	0.033619	-0.043463
	0.011046	0.019827	-0.007574	0.019919	0.000596	0.006624
	-0.007200					

y639	0.001655	0.044107	0.010215	-0.009044	0.001070	-0.014783
	-0.077558	0.038236	-0.005338	-0.055748	-0.020048	-0.005878
	0.030500	-0.026465	-0.024992	0.010279	0.036170	-0.012618
	-0.009900	0.061488	-0.028637	0.017487	-0.014481	-0.012458
	0.005642	-0.014764	-0.004924	0.049745	0.008078	-0.011414
	0.062812					
z639	-0.002006	-0.004842	-0.016203	0.021413	-0.017103	0.000573
	-0.057396	-0.047772	0.015442	-0.055258	-0.008548	-0.022929
	0.025240	-0.024590	-0.012155	0.019944	0.063095	-0.009184
	0.006876	0.008764	0.006963	-0.021566	-0.021640	-0.003357
	0.024791	-0.014948	-0.033319	-0.009851	0.004552	-0.032156
	0.021160					
x640	0.025054	-0.012336	0.013294	0.010295	0.022206	-0.021189
	0.027205	-0.049889	-0.078057	0.058607	0.016382	-0.008035
	-0.006479	0.047451	-0.007868	0.004450	-0.048344	-0.011397
	-0.014752	-0.029748	0.004603	0.035414	0.044008	-0.042524
	0.004747	0.022964	-0.011621	0.017466	0.002375	0.005718
	0.001469					
y640	0.007055	0.042156	0.016133	-0.009345	0.002130	-0.019765
	-0.067909	0.040680	-0.008344	-0.045422	-0.019668	-0.006925
	0.026993	-0.020663	-0.020401	0.011744	0.034606	-0.008100
	-0.003779	0.052074	-0.026936	0.016761	-0.010607	-0.007017
	0.005122	-0.019943	-0.011439	0.050544	0.005244	-0.018785
	0.058635					
z640	-0.000553	0.002049	-0.010204	0.019167	-0.015519	-0.002656
	-0.055591	-0.040804	0.013612	-0.054985	-0.004567	-0.026779
	0.023721	-0.016169	-0.012964	0.023373	0.068334	-0.008409
	0.004957	0.006970	0.007918	-0.021409	-0.024173	-0.005109
	0.030239	-0.021649	-0.031306	-0.008537	0.011182	-0.032946
	0.015368					
x641	0.025093	-0.012490	0.013408	0.009787	0.017562	-0.026946
	0.025847	-0.051837	-0.075620	0.052637	0.012242	-0.001109
	0.000567	0.040680	-0.008940	0.001715	-0.046049	-0.014152
	-0.018660	-0.026963	0.004577	0.041110	0.051817	-0.041385
	0.000469	0.021855	-0.016724	0.015849	0.001570	0.006651
	0.003009					
y641	0.013076	0.038527	0.021209	-0.010205	0.002716	-0.023673
	-0.057998	0.041583	-0.011586	-0.035581	-0.018367	-0.006869
	0.023149	-0.014514	-0.016824	0.013020	0.030612	-0.003736
	0.001131	0.041244	-0.023303	0.016057	-0.005373	-0.001179
	0.005053	-0.020249	-0.016075	0.047793	0.004223	-0.024109
	0.053582					

z641	0.000963	0.009638	-0.002761	0.019589	-0.013169	-0.006252
	-0.050258	-0.034409	0.011972	-0.051730	-0.000346	-0.030485
	0.020095	-0.005748	-0.015267	0.027496	0.076525	-0.004778
	0.001773	0.005998	0.009005	-0.022324	-0.031142	-0.008946
	0.039711	-0.029991	-0.025201	-0.005902	0.019486	-0.027788
	-0.002325					
x642	0.024832	-0.013389	0.012529	0.007311	0.013052	-0.032786
	0.023026	-0.050777	-0.071678	0.046024	0.007923	0.004686
	0.007273	0.032462	-0.008011	-0.003076	-0.045898	-0.019573
	-0.017813	-0.025425	0.006198	0.047458	0.061463	-0.036112
	-0.008046	0.022880	-0.021190	0.015530	-0.000977	0.001114
	0.016003					
y642	0.019487	0.033613	0.025756	-0.010959	0.002869	-0.027046
	-0.047665	0.040947	-0.014758	-0.024632	-0.017623	-0.005404
	0.018909	-0.009296	-0.013427	0.015075	0.023741	0.000151
	0.004428	0.029351	-0.018195	0.014819	0.000237	0.003802
	0.004726	-0.017216	-0.020236	0.040329	0.003902	-0.026295
	0.044788					
z642	0.002835	0.017518	0.005911	0.018447	-0.009197	-0.008918
	-0.045050	-0.025191	0.010023	-0.047692	0.006543	-0.034851
	0.014594	0.005984	-0.015540	0.031012	0.082213	-0.002725
	0.001341	0.001375	0.012468	-0.023283	-0.038181	-0.011210
	0.045428	-0.034441	-0.014938	-0.002981	0.029257	-0.025520
	-0.015116					
x643	0.023535	-0.016252	0.010232	0.005745	0.008695	-0.039464
	0.021033	-0.049804	-0.065278	0.042603	0.001782	0.011318
	0.013308	0.022162	-0.008954	-0.011578	-0.047958	-0.028749
	-0.018034	-0.020766	0.003877	0.052183	0.075118	-0.024917
	-0.018566	0.024884	-0.030749	0.011849	-0.009646	-0.002629
	0.025685					
y643	0.026584	0.027356	0.029475	-0.012343	0.002431	-0.029717
	-0.037599	0.038645	-0.018750	-0.014778	-0.015536	-0.002984
	0.014960	-0.002417	-0.010708	0.017828	0.015791	0.004870
	0.004326	0.015403	-0.009576	0.012965	0.006758	0.008033
	0.005502	-0.009964	-0.020422	0.029102	0.006864	-0.026006
	0.034383					
z643	0.004545	0.024857	0.015475	0.018090	-0.003813	-0.011668
	-0.036864	-0.016093	0.007897	-0.039132	0.014036	-0.038022
	0.006681	0.018344	-0.017473	0.033048	0.084924	-0.002720
	-0.000656	-0.001838	0.013465	-0.026742	-0.044636	-0.010728
	0.049509	-0.037723	-0.005740	-0.004051	0.036286	-0.019005
	-0.037531					

x644	0.022237	-0.019830	0.005641	0.002839	0.001639	-0.046698
	0.018462	-0.047239	-0.057990	0.036413	-0.005928	0.017569
	0.022267	0.010140	-0.007434	-0.018693	-0.051744	-0.037134
	-0.014921	-0.014875	0.005969	0.055975	0.087466	-0.014427
	-0.030502	0.026281	-0.036340	0.012471	-0.018127	-0.009509
	0.046757					
y644	0.033939	0.019134	0.032646	-0.013543	0.001889	-0.031477
	-0.026454	0.035360	-0.022855	-0.004647	-0.012419	0.000649
	0.011605	0.005300	-0.008153	0.019371	0.006710	0.007715
	0.003984	0.000131	-0.000992	0.010433	0.015894	0.013149
	0.008229	0.001329	-0.020747	0.015351	0.009688	-0.023702
	0.021599					
z644	0.006499	0.032667	0.025394	0.017101	0.000450	-0.014251
	-0.025256	-0.005245	0.004845	-0.029083	0.021594	-0.041034
	-0.000762	0.030241	-0.017323	0.038214	0.083682	-0.002700
	0.002694	-0.002535	0.017896	-0.032061	-0.054470	-0.011231
	0.050147	-0.042940	0.007730	-0.001085	0.040973	-0.013436
	-0.056301					
x645	0.021213	-0.018728	0.001813	0.008128	-0.010919	-0.045507
	0.015831	-0.044569	-0.049103	0.033120	-0.004814	0.014124
	0.022780	0.014586	-0.019045	-0.027151	-0.040916	-0.038059
	-0.010740	-0.012221	0.004383	0.048188	0.068459	-0.011040
	-0.025557	0.023897	-0.022631	0.005417	-0.016310	-0.005537
	0.013378					
y645	0.039313	0.007847	0.030564	-0.010587	-0.008115	-0.033121
	-0.017026	0.029099	-0.019326	0.007765	-0.012282	0.009705
	0.007010	-0.004181	-0.013315	0.009919	0.005934	0.000448
	0.013738	-0.001389	0.001205	0.009209	0.012814	0.011738
	0.012245	0.003231	-0.027069	0.007634	0.019175	-0.027612
	0.035134					
z645	0.006204	0.032905	0.036382	0.005494	0.009552	-0.019967
	-0.013244	0.003142	-0.005945	-0.021065	0.020924	-0.032553
	0.000524	0.027217	-0.007420	0.030100	0.056671	-0.008428
	0.010111	-0.010141	0.018583	-0.032525	-0.021294	-0.000957
	0.033317	-0.035563	-0.001876	-0.006027	0.028936	-0.010860
	-0.030578					
x646	0.017987	-0.018413	-0.002503	0.015256	-0.023283	-0.044426
	0.014484	-0.040618	-0.039004	0.026882	-0.004040	0.010097
	0.020130	0.014427	-0.029605	-0.029541	-0.026645	-0.035282
	-0.008312	-0.003224	0.001235	0.041421	0.044202	-0.010637
	-0.013356	0.016756	-0.008305	0.003616	-0.013358	-0.000380
	-0.014355					

y646	0.043485	-0.001705	0.028441	-0.008548	-0.015784	-0.034044
	-0.009511	0.024175	-0.016227	0.017024	-0.012095	0.016121
	0.004862	-0.009180	-0.016305	0.000903	0.004153	-0.007134
	0.021849	-0.004470	0.004811	0.006161	0.012700	0.012099
	0.012399	0.004895	-0.030567	0.002267	0.025020	-0.028862
	0.048475					
z646	0.004712	0.031534	0.043719	-0.000768	0.013095	-0.025578
	-0.000943	0.009849	-0.011687	-0.013781	0.020127	-0.026450
	-0.001836	0.020334	-0.001658	0.024657	0.035997	-0.011230
	0.016264	-0.008888	0.016689	-0.032377	-0.002806	0.004474
	0.024901	-0.032966	-0.008997	-0.008111	0.017301	-0.008867
	-0.011744					
x647	0.013515	-0.018282	-0.006770	0.021484	-0.033728	-0.041284
	0.013055	-0.035932	-0.030514	0.019456	-0.004275	0.008381
	0.018318	0.011008	-0.036580	-0.030829	-0.010135	-0.029905
	-0.007200	0.005726	-0.001389	0.034253	0.026668	-0.013142
	-0.001095	0.009823	0.006765	0.004092	-0.010190	0.007209
	-0.033037					
y647	0.046285	-0.009123	0.025711	-0.006605	-0.021556	-0.034026
	-0.003300	0.020477	-0.013235	0.024095	-0.012024	0.019427
	0.004397	-0.011091	-0.017541	-0.005964	0.003107	-0.014876
	0.027375	-0.006943	0.009399	0.002567	0.014126	0.013006
	0.009745	0.004155	-0.032757	-0.001264	0.026721	-0.028197
	0.058849					
z647	0.002538	0.029013	0.047343	-0.004171	0.012324	-0.027770
	0.008994	0.014268	-0.015296	-0.006733	0.018892	-0.020694
	-0.004011	0.009901	0.002289	0.019053	0.024400	-0.008868
	0.017941	-0.004940	0.013513	-0.030677	0.014445	0.003694
	0.020352	-0.030587	-0.011967	-0.008709	0.008520	-0.006385
	0.002916					
x648	0.008178	-0.017341	-0.010172	0.025849	-0.039501	-0.036986
	0.012772	-0.030447	-0.023709	0.010660	-0.006672	0.003877
	0.020393	0.008575	-0.040106	-0.030944	0.003216	-0.026523
	-0.006768	0.011669	-0.001486	0.027770	0.009140	-0.008701
	0.006216	0.004866	0.017571	0.006778	-0.006899	0.015493
	-0.042790					
y648	0.047369	-0.014470	0.023010	-0.004536	-0.026027	-0.033731
	0.001820	0.018188	-0.010286	0.028762	-0.013083	0.019713
	0.004433	-0.011152	-0.016793	-0.010431	0.002519	-0.022126
	0.029604	-0.008274	0.015906	-0.002049	0.014229	0.013017
	0.006149	0.001181	-0.032328	-0.003907	0.023910	-0.023786
	0.065298					

z648	0.000306	0.025651	0.047868	-0.004967	0.009995	-0.028745
	0.020087	0.016904	-0.015484	-0.000856	0.015656	-0.018634
	-0.001558	0.000494	0.004310	0.010855	0.015702	-0.008749
	0.016963	-0.001216	0.010741	-0.027036	0.021726	0.005427
	0.014662	-0.024671	-0.016025	-0.005708	0.001462	-0.002651
	0.015420					
x649	0.002773	-0.015303	-0.012750	0.027962	-0.041665	-0.032375
	0.012595	-0.024599	-0.019422	0.003720	-0.007863	0.000727
	0.022008	0.007743	-0.040813	-0.029696	0.009788	-0.026667
	-0.004362	0.016831	0.001965	0.018584	-0.002224	-0.006181
	0.005920	-0.004077	0.025250	0.005580	-0.004859	0.021119
	-0.049481					
y649	0.046994	-0.017755	0.019858	-0.001857	-0.028568	-0.032019
	0.004742	0.017695	-0.006622	0.030805	-0.014986	0.017412
	0.006097	-0.009067	-0.013657	-0.011768	0.003534	-0.027593
	0.029022	-0.007662	0.022238	-0.005628	0.015461	0.012830
	0.002308	-0.005308	-0.027958	-0.002948	0.020079	-0.016859
	0.068464					
z649	-0.002367	0.022794	0.045515	-0.004480	0.005990	-0.025411
	0.026396	0.017733	-0.014853	0.007729	0.015052	-0.019253
	0.000689	-0.007281	0.003710	0.003360	0.005502	-0.006442
	0.016240	0.004157	0.004249	-0.022308	0.030187	0.007026
	0.005002	-0.024632	-0.020832	-0.002092	-0.001628	-0.007235
	0.024190					
x650	-0.003917	-0.011914	-0.013601	0.028835	-0.039002	-0.026818
	0.013061	-0.018095	-0.017107	-0.003266	-0.010261	-0.002773
	0.024556	0.005309	-0.036018	-0.023815	0.014779	-0.024001
	-0.004638	0.021336	0.007447	0.009973	-0.010887	-0.002547
	0.003740	-0.011056	0.031338	0.005464	-0.006345	0.029401
	-0.049692					
y650	0.045290	-0.019157	0.016906	0.000846	-0.029540	-0.030072
	0.006059	0.019046	-0.002856	0.029631	-0.018207	0.012236
	0.008195	-0.004704	-0.008161	-0.013051	0.005024	-0.034712
	0.026492	-0.006378	0.031469	-0.011048	0.015076	0.011543
	-0.002635	-0.013066	-0.020451	-0.000983	0.013048	-0.006155
	0.068667					
z650	-0.004636	0.019350	0.040738	-0.000684	0.000427	-0.022626
	0.034778	0.015560	-0.009945	0.016026	0.013937	-0.019976
	0.004671	-0.016557	0.003444	-0.003860	0.000341	-0.004319
	0.009889	0.011253	0.002166	-0.018269	0.029498	0.001824
	-0.002661	-0.020410	-0.022138	0.001261	-0.009681	-0.005559
	0.024989					

x651	-0.010726	-0.007575	-0.011967	0.027335	-0.033494	-0.020790
	0.014453	-0.011234	-0.017107	-0.011486	-0.012699	-0.005476
	0.028005	0.003297	-0.027390	-0.017752	0.016728	-0.024011
	-0.002278	0.024234	0.015129	-0.001048	-0.015948	0.000678
	0.000294	-0.015351	0.035682	0.002345	-0.008048	0.037044
	-0.043790					
y651	0.042316	-0.018496	0.015022	0.003818	-0.028357	-0.027704
	0.004931	0.022308	0.001073	0.025624	-0.023079	0.004339
	0.010660	0.002247	-0.000002	-0.011023	0.007370	-0.040547
	0.020440	-0.003336	0.042971	-0.016025	0.014632	0.010813
	-0.009044	-0.023422	-0.009498	0.003589	0.003395	0.008304
	0.066183					
z651	-0.006675	0.016097	0.036515	0.003734	-0.008133	-0.016827
	0.039660	0.011471	-0.003513	0.023393	0.014394	-0.022783
	0.009662	-0.024724	0.002466	-0.012961	-0.001771	-0.000524
	0.005532	0.018909	-0.002282	-0.014104	0.025688	-0.002941
	-0.004630	-0.011500	-0.022618	0.004371	-0.013241	-0.006339
	0.024602					
x652	-0.018206	-0.001285	-0.008452	0.024699	-0.022462	-0.015032
	0.015877	-0.002760	-0.020195	-0.019744	-0.017517	-0.009277
	0.031086	0.002226	-0.013711	-0.007048	0.016155	-0.025679
	0.000680	0.025106	0.028080	-0.013628	-0.017197	0.003601
	-0.008493	-0.020425	0.036795	-0.005460	-0.010664	0.046095
	-0.032649					
y652	0.037857	-0.016142	0.013576	0.007188	-0.025190	-0.024436
	0.000953	0.027733	0.005226	0.018013	-0.029706	-0.005632
	0.013395	0.011775	0.011478	-0.008778	0.010707	-0.046449
	0.011360	0.001648	0.056270	-0.022128	0.013115	0.009237
	-0.016891	-0.033445	0.005684	0.010502	-0.007708	0.025540
	0.061066					
z652	-0.008702	0.014671	0.032331	0.010563	-0.014188	-0.010664
	0.041032	0.007535	0.001972	0.031017	0.010819	-0.029781
	0.012774	-0.031526	0.005215	-0.018271	-0.001995	0.003788
	-0.001728	0.026713	-0.000226	-0.011186	0.018222	-0.011932
	-0.010642	-0.003076	-0.021699	-0.001926	-0.012878	-0.009187
	0.018330					
x653	-0.026978	0.006852	-0.002566	0.020710	-0.007475	-0.009333
	0.016877	0.007904	-0.027360	-0.029301	-0.022308	-0.010199
	0.032903	0.002664	0.004392	0.006278	0.013136	-0.026013
	0.004561	0.024996	0.043413	-0.024233	-0.012242	0.007261
	-0.017923	-0.025311	0.034223	-0.008845	-0.016507	0.055013
	-0.012623					

y653	0.032203	-0.011753	0.011979	0.010639	-0.020354	-0.020419
	-0.004319	0.034615	0.009786	0.007811	-0.037412	-0.018622
	0.016934	0.024039	0.024913	-0.004663	0.014794	-0.052910
	-0.000658	0.008377	0.071218	-0.029161	0.009771	0.008052
	-0.026799	-0.044585	0.022985	0.017506	-0.022336	0.046537
	0.051812					
z653	-0.010404	0.015308	0.028663	0.019597	-0.021103	-0.006299
	0.040183	0.007331	0.005558	0.037066	0.007502	-0.033785
	0.012602	-0.035267	0.008321	-0.026149	-0.000291	0.007580
	-0.008688	0.035930	0.003079	-0.003407	0.011393	-0.025057
	-0.014936	0.009621	-0.019620	-0.004288	-0.016602	-0.013232
	0.007039					
x654	-0.033519	0.007064	-0.002746	0.012787	-0.002313	-0.005856
	0.013125	0.009589	-0.033487	-0.030740	-0.017117	-0.013687
	0.023222	-0.000072	0.009782	0.006669	-0.001207	-0.021720
	0.004369	0.020675	0.028438	-0.021696	-0.001187	0.002477
	-0.027009	-0.013692	0.019015	-0.013621	-0.006354	0.039776
	-0.008132					
y654	0.024096	-0.010975	0.005150	0.010410	-0.014509	-0.015564
	-0.006901	0.026404	0.010227	0.001319	-0.030832	-0.018285
	0.008528	0.025687	0.012508	-0.001086	0.009130	-0.044337
	0.007513	-0.004793	0.065342	-0.025020	0.001656	0.017602
	-0.012712	-0.038650	0.022245	0.014475	-0.021188	0.041818
	0.044214					
z654	-0.010844	0.019475	0.025304	0.027564	-0.021547	0.001058
	0.034547	0.004712	0.003719	0.038477	-0.000326	-0.039644
	0.010431	-0.026834	0.011025	-0.020701	-0.000598	0.007010
	-0.010832	0.034509	0.016356	-0.004572	0.008024	-0.022309
	-0.020564	0.007097	-0.015269	-0.005631	-0.023421	-0.003821
	0.001065					
x655	-0.038402	0.007474	-0.003837	0.006464	0.002897	-0.003667
	0.009314	0.008859	-0.038547	-0.030511	-0.014318	-0.014921
	0.014999	-0.004426	0.013978	0.008242	-0.015204	-0.018097
	0.001950	0.013505	0.013454	-0.016460	0.007574	0.000970
	-0.031875	-0.002459	0.005432	-0.018473	0.000677	0.023230
	-0.009022					
y655	0.016686	-0.010188	-0.000723	0.010009	-0.009228	-0.011379
	-0.008408	0.020402	0.010073	-0.003660	-0.023938	-0.018123
	0.002166	0.026551	0.002153	0.000986	0.004386	-0.036143
	0.014453	-0.014537	0.059445	-0.021900	-0.006116	0.024689
	-0.001092	-0.033333	0.022174	0.012480	-0.018997	0.037913
	0.039658					

z655	-0.011503	0.022857	0.020421	0.035758	-0.020904	0.004487
	0.028777	-0.000787	0.001881	0.038953	-0.006050	-0.041067
	0.005988	-0.020438	0.010975	-0.014227	-0.004007	0.007683
	-0.014639	0.023601	0.018696	-0.003341	0.000594	-0.014599
	-0.022274	0.009852	-0.010441	-0.007587	-0.029569	0.002152
	-0.008188					
x656	-0.040755	0.008008	-0.004612	0.000497	0.007345	-0.003790
	0.005454	0.007048	-0.041454	-0.030414	-0.013517	-0.013575
	0.010955	-0.011433	0.014843	0.011482	-0.025641	-0.013579
	0.002460	0.007430	0.002416	-0.014391	0.016641	-0.001538
	-0.031846	0.005708	-0.005684	-0.016491	0.007768	0.007409
	-0.006355					
y656	0.009484	-0.009601	-0.005364	0.009169	-0.004384	-0.006958
	-0.008951	0.015493	0.009130	-0.007288	-0.017941	-0.018517
	-0.001731	0.026649	-0.006189	0.001016	-0.000776	-0.028326
	0.018627	-0.022270	0.052769	-0.019793	-0.011108	0.031023
	0.006140	-0.027023	0.021441	0.009044	-0.016009	0.034705
	0.034214					
z656	-0.010774	0.024613	0.016179	0.040761	-0.019035	0.005323
	0.020370	-0.006478	0.001688	0.034970	-0.011325	-0.038962
	0.005516	-0.019621	0.006195	-0.005570	-0.003296	0.015367
	-0.010362	0.015211	0.019063	-0.005857	-0.000652	-0.011286
	-0.019051	0.009600	-0.003626	-0.001216	-0.025558	0.000902
	-0.009628					
x657	-0.040298	0.008357	-0.005573	-0.003410	0.011445	-0.004109
	0.001896	0.003797	-0.043211	-0.026870	-0.013966	-0.010849
	0.011604	-0.020043	0.014933	0.014203	-0.031929	-0.009818
	0.003830	0.001350	-0.004795	-0.013361	0.021197	-0.000241
	-0.028988	0.012139	-0.013540	-0.012115	0.010184	-0.002228
	-0.003795					
y657	0.002509	-0.009267	-0.009160	0.008400	0.000114	-0.002640
	-0.008920	0.011727	0.007652	-0.009917	-0.013378	-0.018510
	-0.003671	0.025090	-0.012083	0.000463	-0.004776	-0.020288
	0.020881	-0.026980	0.046053	-0.018152	-0.013510	0.034461
	0.010391	-0.021350	0.020095	0.006391	-0.010631	0.030846
	0.028107					
z657	-0.008449	0.024109	0.012051	0.044011	-0.015375	0.005832
	0.010092	-0.012981	0.000237	0.031861	-0.015568	-0.035802
	0.009254	-0.021996	0.001155	0.001036	-0.003957	0.023867
	-0.002914	0.004429	0.017305	-0.007821	-0.001699	-0.002328
	-0.017928	0.010425	0.006012	0.007352	-0.026027	0.005705
	-0.007492					

x658	-0.038379	0.009196	-0.006399	-0.005684	0.015264	-0.004697
	-0.000558	0.001325	-0.041871	-0.023137	-0.013268	-0.008245
	0.011006	-0.024337	0.014842	0.016988	-0.034169	-0.011611
	0.003459	-0.001573	-0.009733	-0.010024	0.023059	0.002503
	-0.022794	0.016055	-0.020932	-0.008987	0.011956	-0.009417
	-0.004750					
y658	-0.004285	-0.008683	-0.012119	0.007922	0.004366	0.001084
	-0.007721	0.009466	0.005679	-0.011955	-0.008652	-0.017988
	-0.004918	0.023553	-0.015136	-0.000246	-0.007056	-0.013424
	0.021130	-0.028535	0.038174	-0.016058	-0.013880	0.035670
	0.011125	-0.015537	0.017770	0.004130	-0.003675	0.026645
	0.022205					
z658	-0.007102	0.023479	0.008574	0.045056	-0.010633	0.005677
	0.000197	-0.016344	0.000353	0.021806	-0.012449	-0.033276
	0.003553	-0.013732	-0.000055	0.007693	-0.002599	0.021478
	0.002066	-0.003205	0.011901	-0.002592	0.000167	0.005788
	-0.018424	0.012783	0.010811	0.009063	-0.022524	0.008512
	-0.009551					
x659	-0.034310	0.009858	-0.006918	-0.006372	0.016948	-0.006420
	-0.003138	-0.000342	-0.039237	-0.017180	-0.013638	-0.003458
	0.011109	-0.026034	0.012155	0.019369	-0.033413	-0.015638
	0.002346	-0.004006	-0.008414	-0.007029	0.021173	0.003831
	-0.013758	0.013701	-0.029013	-0.004318	0.007711	-0.016706
	-0.005886					
y659	-0.010947	-0.007898	-0.014136	0.007374	0.008353	0.004374
	-0.005923	0.008846	0.002895	-0.012846	-0.004322	-0.017493
	-0.004646	0.021149	-0.015887	-0.001160	-0.007804	-0.006268
	0.019049	-0.027575	0.029230	-0.013842	-0.012266	0.035525
	0.008095	-0.010012	0.014710	0.002106	0.004390	0.021748
	0.016736					
z659	-0.005722	0.021531	0.006039	0.043919	-0.006954	0.005233
	-0.013194	-0.017243	-0.001381	0.010743	-0.007473	-0.029208
	-0.005575	-0.000643	-0.003687	0.014805	-0.002033	0.019004
	0.007557	-0.011434	0.007083	0.004759	0.003454	0.012313
	-0.018169	0.008139	0.012247	0.011706	-0.020072	0.004072
	-0.006970					
x660	-0.028194	0.009830	-0.006835	-0.006747	0.018048	-0.007691
	-0.004371	-0.002171	-0.035313	-0.008171	-0.017903	0.000422
	0.015409	-0.031509	0.008540	0.021451	-0.031934	-0.021240
	-0.002597	-0.004679	-0.003585	-0.006763	0.019495	0.005404
	0.001144	0.008642	-0.029891	0.000832	0.004003	-0.020277
	-0.012527					

y660	-0.016968	-0.007236	-0.015178	0.006514	0.012109	0.007027
	-0.003070	0.009517	-0.000735	-0.012326	-0.000668	-0.016902
	-0.001900	0.017403	-0.015094	-0.003537	-0.008369	0.001048
	0.015022	-0.023977	0.019484	-0.012712	-0.007724	0.032461
	0.002361	-0.005474	0.013354	0.000585	0.013790	0.017587
	0.010508					
z660	-0.003879	0.016628	0.004503	0.038856	-0.002689	0.004472
	-0.025814	-0.017855	-0.003789	-0.001088	-0.005389	-0.027256
	-0.010515	0.005416	-0.006927	0.018746	-0.004330	0.015552
	0.009062	-0.019273	0.003390	0.006080	0.010269	0.014594
	-0.014956	0.005111	0.021106	0.010431	-0.013053	0.002309
	-0.012494					
x661	-0.018989	0.009332	-0.006604	-0.005858	0.018505	-0.009641
	-0.004460	-0.004355	-0.031695	0.002757	-0.024496	0.004831
	0.023781	-0.036975	0.003963	0.023920	-0.028922	-0.025562
	-0.005802	-0.003325	0.007508	-0.006286	0.010238	0.007069
	0.017683	0.001499	-0.031895	0.006558	-0.003395	-0.017691
	-0.021000					
y661	-0.022623	-0.006793	-0.015127	0.005274	0.015642	0.009660
	0.000888	0.011630	-0.005712	-0.010817	0.001295	-0.016442
	0.003051	0.012937	-0.012026	-0.007225	-0.008950	0.008427
	0.009472	-0.017517	0.009638	-0.011797	-0.000580	0.027196
	-0.006734	-0.000619	0.010924	-0.000275	0.024674	0.014555
	0.005054					
z661	-0.000903	0.009925	0.003324	0.032301	0.002488	0.002735
	-0.038108	-0.017429	-0.009014	-0.014073	-0.002202	-0.024935
	-0.014829	0.010723	-0.008945	0.022489	-0.008116	0.015263
	0.015175	-0.024101	0.001137	0.009845	0.011628	0.014862
	-0.013383	0.002539	0.025188	0.007662	-0.005052	0.003108
	-0.016468					
x662	-0.007984	0.009200	-0.006125	-0.003569	0.017243	-0.010300
	-0.001623	-0.007043	-0.026991	0.014655	-0.029163	0.010190
	0.032817	-0.040289	0.003425	0.027438	-0.021148	-0.033040
	-0.010783	-0.000269	0.020563	-0.004712	-0.003048	0.010489
	0.036992	-0.005853	-0.038086	0.010789	-0.013832	-0.013550
	-0.026385					
y662	-0.027966	-0.006051	-0.014034	0.003941	0.018311	0.012766
	0.006877	0.014732	-0.011157	-0.007730	0.003377	-0.015505
	0.008862	0.007831	-0.004998	-0.011072	-0.008294	0.014659
	0.001828	-0.007884	-0.000932	-0.010783	0.008608	0.019592
	-0.019322	0.004717	0.005440	-0.001389	0.036139	0.011655
	0.001362					

z662	0.001360	0.002505	0.002875	0.024167	0.007445	0.003216
	-0.047782	-0.016295	-0.014546	-0.029581	0.007892	-0.021591
	-0.023075	0.019523	-0.002518	0.026402	-0.010266	0.011875
	0.021750	-0.027796	-0.006584	0.016883	0.012122	0.015785
	-0.013222	0.003154	0.018175	0.000038	0.005371	-0.000882
	-0.012502					
x663	0.001437	0.007704	-0.002789	-0.002327	0.016268	-0.009010
	-0.008657	-0.009923	-0.020385	0.012467	-0.024998	0.018344
	0.026931	-0.028088	0.001285	0.032812	-0.011375	-0.028903
	-0.009656	0.002502	0.018112	0.001225	-0.006981	0.027191
	0.036271	-0.006941	-0.029420	-0.003463	-0.013248	-0.002993
	-0.027674					
y663	-0.030651	-0.003832	-0.016904	0.001675	0.020979	0.008897
	0.016975	0.017755	-0.009575	0.001143	-0.001744	-0.006558
	0.013131	0.001216	-0.007647	-0.013377	-0.009357	0.015404
	-0.002515	-0.006873	-0.003259	-0.009375	0.025837	0.020260
	-0.006115	0.003060	-0.011385	-0.006082	0.027516	0.017317
	-0.000766					
z663	0.004448	-0.003008	0.001409	0.017270	0.011460	0.004148
	-0.050081	-0.015073	-0.020368	-0.031492	0.008463	-0.025242
	-0.014897	0.020528	0.008583	0.025283	-0.007738	0.006537
	0.019171	-0.027026	0.000825	0.016595	0.007045	0.004958
	-0.005749	0.000054	0.007870	0.006019	0.017529	0.003862
	-0.017830					
x664	0.009302	0.006189	0.001444	-0.001387	0.015652	-0.007363
	-0.013946	-0.010310	-0.015189	0.010462	-0.019661	0.025984
	0.019157	-0.017557	0.001938	0.034158	-0.003340	-0.022499
	-0.009484	0.007774	0.017245	0.002366	-0.009596	0.037335
	0.033222	-0.005552	-0.020623	-0.014474	-0.013941	0.007093
	-0.021858					
y664	-0.032507	-0.001904	-0.018785	0.000035	0.023165	0.005977
	0.024862	0.019837	-0.008373	0.008227	-0.006009	0.002329
	0.015541	-0.004399	-0.008033	-0.014143	-0.009402	0.017689
	-0.005164	-0.003804	-0.004218	-0.007020	0.038523	0.022344
	0.005609	0.003367	-0.023210	-0.008862	0.017903	0.020088
	0.000845					
z664	0.006761	-0.007937	0.001115	0.010524	0.015346	0.005720
	-0.049182	-0.011359	-0.026070	-0.032092	0.011218	-0.025275
	-0.010919	0.022136	0.020785	0.020587	-0.005994	0.002474
	0.016910	-0.022528	0.009765	0.008684	0.003132	-0.006702
	-0.002489	0.000731	-0.002247	0.009685	0.027931	0.009513
	-0.008902					

x665	0.016938	0.004273	0.005464	-0.000313	0.014861	-0.005645
	-0.019223	-0.010319	-0.010513	0.008220	-0.017004	0.029501
	0.016961	-0.010992	0.001826	0.032447	0.003907	-0.016219
	-0.008561	0.011590	0.013938	0.002218	-0.011966	0.044777
	0.030994	0.000249	-0.015109	-0.023491	-0.017458	0.014276
	-0.014009					
y665	-0.033087	-0.000105	-0.019668	-0.000869	0.024834	0.004025
	0.030879	0.021032	-0.006829	0.014530	-0.011317	0.009524
	0.019280	-0.010859	-0.008450	-0.013090	-0.008721	0.021256
	-0.004175	0.000031	-0.004335	-0.003316	0.047474	0.027416
	0.013817	0.004711	-0.030943	-0.008959	0.007691	0.020319
	0.001500					
z665	0.009719	-0.012475	0.000784	0.004983	0.018104	0.006256
	-0.046802	-0.008381	-0.029590	-0.031944	0.010395	-0.024563
	-0.001452	0.019068	0.027931	0.014342	-0.004284	-0.001373
	0.016855	-0.018612	0.012934	0.002264	0.000917	-0.013771
	0.001269	0.007656	-0.016544	0.009186	0.030526	0.011639
	0.003103					
x666	0.023172	0.002709	0.008309	0.000429	0.013806	-0.003403
	-0.022439	-0.010091	-0.006903	0.007060	-0.013275	0.029838
	0.015099	-0.007270	0.002933	0.029426	0.009172	-0.009496
	-0.009656	0.016469	0.009214	0.001942	-0.013588	0.045291
	0.027150	-0.001191	-0.002549	-0.028631	-0.017360	0.019655
	-0.013687					
y666	-0.032882	0.001474	-0.020909	-0.001850	0.025714	0.003566
	0.035433	0.021103	-0.005457	0.018581	-0.015018	0.014050
	0.023964	-0.017193	-0.007074	-0.010539	-0.007274	0.024638
	-0.003284	0.003462	-0.007615	0.001367	0.052902	0.033081
	0.020349	0.004220	-0.028574	-0.005273	-0.001440	0.019362
	-0.000804					
z666	0.011667	-0.016134	-0.001783	-0.000271	0.019257	0.006974
	-0.040559	-0.006590	-0.032824	-0.030244	0.011659	-0.023970
	0.007408	0.013985	0.033324	0.009109	-0.002664	-0.004696
	0.011835	-0.014602	0.012218	-0.004235	0.000344	-0.022855
	0.003711	0.004251	-0.017721	0.008857	0.037260	0.014015
	0.004465					
x667	0.028430	0.001915	0.011656	0.000961	0.013096	-0.001509
	-0.025799	-0.006991	-0.004605	0.006288	-0.009699	0.028753
	0.013182	-0.004201	0.005543	0.024211	0.014811	-0.003396
	-0.011013	0.020823	0.006476	0.002302	-0.016217	0.043004
	0.020834	0.001965	0.006775	-0.032082	-0.021285	0.020894
	-0.013063					

y667	-0.031729	0.003180	-0.021181	-0.001784	0.026276	0.003487
	0.036956	0.021416	-0.004049	0.020905	-0.018738	0.018249
	0.027688	-0.022032	-0.004475	-0.006278	-0.003764	0.028308
	-0.000239	0.006994	-0.008244	0.008965	0.053988	0.041188
	0.023587	0.006848	-0.023190	-0.000066	-0.009901	0.014775
	-0.001657					
z667	0.013509	-0.017976	-0.003615	-0.005320	0.019897	0.006143
	-0.034212	-0.001237	-0.036069	-0.027695	0.013274	-0.019641
	0.014985	0.010222	0.037407	0.003628	0.001027	-0.008746
	0.007851	-0.010685	0.012621	-0.007002	-0.000407	-0.026951
	0.002746	0.007884	-0.022164	0.006111	0.036305	0.012140
	0.007120					
x668	0.032422	0.001367	0.015647	0.001529	0.013085	0.000882
	-0.027601	-0.003549	-0.001518	0.004926	-0.008659	0.023374
	0.011399	-0.001783	0.008492	0.016516	0.018741	0.002826
	-0.013495	0.023976	0.006053	0.003704	-0.017835	0.039920
	0.014142	0.005467	0.015941	-0.033475	-0.027533	0.023406
	-0.015984					
y668	-0.029317	0.004706	-0.020436	-0.000941	0.026897	0.004063
	0.036434	0.020550	-0.002266	0.021129	-0.022284	0.020787
	0.030925	-0.025287	-0.000600	0.000030	0.000625	0.033062
	0.004503	0.011240	-0.007854	0.018351	0.051469	0.052778
	0.025541	0.010767	-0.012869	0.007034	-0.018105	0.008819
	-0.002608					
z668	0.014821	-0.019098	-0.004396	-0.009294	0.021107	0.005388
	-0.024771	0.003014	-0.036063	-0.024874	0.011654	-0.015745
	0.021012	0.008419	0.039695	-0.002330	0.004371	-0.011868
	0.000841	-0.007748	0.014492	-0.006940	0.004421	-0.023523
	0.001254	0.012964	-0.026794	-0.001891	0.029327	0.015475
	0.003367					
x669	0.035657	0.000414	0.019615	0.002141	0.013477	0.001753
	-0.028961	0.002036	0.000898	0.002541	-0.007007	0.015127
	0.009485	-0.003244	0.012845	0.006563	0.020979	0.010629
	-0.013815	0.027227	0.004978	0.005545	-0.021830	0.034417
	0.003557	0.010840	0.025649	-0.032252	-0.030443	0.025274
	-0.018744					
y669	-0.025782	0.005806	-0.018895	0.000753	0.027476	0.005328
	0.033229	0.019245	-0.000275	0.019612	-0.025845	0.022086
	0.033747	-0.027714	0.004934	0.008664	0.006395	0.038918
	0.011819	0.016364	-0.006359	0.029844	0.044302	0.066649
	0.024618	0.016980	0.004035	0.016605	-0.025299	-0.000650
	-0.003629					

z669	0.016761	-0.020307	-0.005358	-0.012704	0.022192	0.001421
	-0.013638	0.010107	-0.035027	-0.023093	0.010664	-0.009603
	0.024501	0.001743	0.040745	-0.008106	0.008033	-0.012962
	-0.002061	-0.004615	0.015062	-0.004894	0.005382	-0.015821
	-0.005582	0.021301	-0.029099	-0.010121	0.024388	0.018419
	0.003723					
x670	0.038469	-0.000387	0.022958	0.002161	0.013544	0.002724
	-0.031010	0.007908	0.003377	-0.001171	-0.005518	0.003441
	0.008799	-0.005125	0.017013	-0.004945	0.022844	0.017447
	-0.013514	0.029277	0.002374	0.009288	-0.023972	0.023321
	-0.006157	0.011405	0.034106	-0.026186	-0.033165	0.023712
	-0.019194					
y670	-0.021160	0.006736	-0.016661	0.002425	0.027345	0.007692
	0.027649	0.016231	0.002097	0.016279	-0.028267	0.021407
	0.036769	-0.028774	0.012011	0.020120	0.014434	0.045434
	0.020024	0.020772	-0.004741	0.042901	0.032048	0.082889
	0.021474	0.022966	0.027666	0.029063	-0.032077	-0.012144
	-0.005094					
z670	0.019355	-0.020550	-0.007131	-0.017243	0.022245	-0.003051
	-0.003470	0.015514	-0.031544	-0.023275	0.010981	-0.002787
	0.028434	-0.004020	0.038846	-0.011888	0.014972	-0.014181
	-0.005963	-0.003791	0.011561	0.001699	0.011127	-0.007932
	-0.012166	0.021075	-0.031252	-0.018446	0.018907	0.017593
	0.007938					
x671	0.039817	-0.001737	0.026391	0.001434	0.013240	0.002852
	-0.031882	0.012801	0.004424	-0.004469	-0.004728	-0.012690
	0.008388	-0.005160	0.022579	-0.016507	0.021383	0.023704
	-0.015793	0.027360	0.001083	0.014551	-0.026595	0.007511
	-0.016045	0.012523	0.036076	-0.020608	-0.032833	0.024698
	-0.023556					
y671	-0.015635	0.007302	-0.013764	0.003903	0.026823	0.010646
	0.019691	0.011547	0.004351	0.011054	-0.030529	0.019721
	0.039323	-0.027733	0.019957	0.033480	0.023308	0.051934
	0.029810	0.025660	-0.002524	0.059007	0.015072	0.100992
	0.016533	0.029164	0.054076	0.043944	-0.036819	-0.022947
	-0.006157					
z671	0.021030	-0.021274	-0.009270	-0.023020	0.021620	-0.010283
	0.008964	0.016447	-0.028194	-0.023356	0.011100	0.004437
	0.029989	-0.002707	0.035833	-0.012806	0.018720	-0.016956
	-0.016298	-0.010900	0.009779	0.011450	0.016772	-0.000728
	-0.018757	0.021182	-0.044719	-0.033093	0.019748	0.025222
	0.004627					

x672	0.040797	-0.006726	0.025814	-0.006123	0.012518	-0.006339
	-0.030306	0.014038	0.001986	-0.006793	-0.001119	-0.018176
	-0.009988	-0.004954	0.014725	-0.031853	0.010712	0.014902
	-0.019630	0.011634	0.000932	0.007689	-0.025736	-0.013492
	-0.026295	0.001541	0.025823	-0.046390	-0.020382	0.012490
	-0.011079					
y672	-0.009686	0.011662	-0.000307	0.000717	0.018931	0.010280
	0.013702	0.010765	0.003030	0.013495	-0.026621	0.009670
	0.028052	-0.017396	0.023515	0.031760	0.026342	0.046563
	0.023353	0.035867	0.005995	0.061313	0.006314	0.084989
	-0.011149	0.015212	0.038657	0.043792	-0.035266	-0.009260
	-0.008668					
z672	0.022283	-0.023119	-0.012905	-0.028530	0.017854	-0.018951
	0.017962	0.017115	-0.022815	-0.022821	0.007296	0.011136
	0.031206	-0.007075	0.036254	-0.011762	0.022750	-0.012741
	-0.008937	-0.011568	0.014520	0.026592	0.015351	0.010965
	-0.018809	0.023408	-0.037522	-0.034279	0.019547	0.020600
	0.003078					
x673	0.040752	-0.011913	0.022827	-0.012085	0.012287	-0.013318
	-0.029265	0.014333	0.000508	-0.007640	0.002673	-0.019606
	-0.023666	-0.002710	0.008445	-0.042767	-0.000463	0.008430
	-0.024380	-0.004196	-0.001255	-0.000664	-0.022381	-0.033029
	-0.027317	-0.006662	0.023429	-0.065678	-0.009749	0.004677
	-0.003346					
y673	-0.004452	0.015119	0.010776	-0.002805	0.011822	0.008214
	0.008638	0.008941	0.001796	0.015218	-0.022669	0.000860
	0.016884	-0.008721	0.026391	0.031899	0.026901	0.041376
	0.016651	0.042596	0.012867	0.060841	-0.002276	0.069625
	-0.032537	0.003312	0.026376	0.041580	-0.035145	0.002341
	-0.010717					
z673	0.022342	-0.025967	-0.018188	-0.033709	0.013298	-0.025278
	0.022504	0.014112	-0.019080	-0.017979	0.005352	0.017023
	0.030549	-0.004229	0.036825	-0.009786	0.020768	-0.008085
	-0.003652	-0.017118	0.014859	0.028888	0.013119	0.009948
	-0.005596	0.024224	-0.017494	-0.036231	0.019025	0.014819
	-0.005755					
x674	0.040102	-0.016464	0.018312	-0.016573	0.011974	-0.018251
	-0.027166	0.014598	-0.000945	-0.007830	0.004908	-0.018928
	-0.030587	-0.004804	0.002365	-0.050158	-0.006258	0.002946
	-0.025083	-0.013736	-0.002003	-0.009146	-0.018853	-0.045760
	-0.025039	-0.012362	0.022619	-0.071831	-0.002209	-0.003533
	0.006795					

y674	0.000343	0.017659	0.019783	-0.005435	0.005395	0.005091
	0.004296	0.006073	-0.000031	0.016553	-0.018891	-0.005781
	0.008142	-0.003345	0.027604	0.032325	0.026781	0.036726
	0.010438	0.047704	0.018298	0.056526	-0.008701	0.056416
	-0.046759	-0.007046	0.014453	0.039355	-0.034642	0.012892
	-0.011189					
z674	0.022247	-0.028603	-0.022524	-0.037594	0.008393	-0.028458
	0.025134	0.010178	-0.016891	-0.010849	0.001040	0.018764
	0.036526	-0.007729	0.035771	-0.006116	0.024831	-0.001204
	0.004832	-0.014510	0.013309	0.024888	0.009676	0.011456
	0.011489	0.021303	0.001035	-0.023911	0.020289	0.005889
	-0.007014					
x675	0.037650	-0.019970	0.013295	-0.019066	0.011963	-0.021208
	-0.024548	0.013830	-0.001742	-0.007211	0.006121	-0.016539
	-0.034247	-0.006236	-0.003688	-0.055264	-0.012722	-0.000990
	-0.026412	-0.021726	-0.001707	-0.015205	-0.011860	-0.052760
	-0.027138	-0.016279	0.018255	-0.076960	0.002648	-0.006798
	0.006341					
y675	0.004598	0.019400	0.026801	-0.007410	-0.000115	0.001567
	-0.000312	0.003034	-0.002111	0.016066	-0.014875	-0.010319
	0.000644	0.000543	0.027526	0.032428	0.024098	0.031111
	0.006551	0.050379	0.024468	0.050231	-0.010691	0.043730
	-0.058217	-0.016382	0.002773	0.036388	-0.033242	0.020074
	-0.008878					
z675	0.020018	-0.030478	-0.024045	-0.039734	0.003400	-0.027380
	0.024973	0.005993	-0.015604	-0.002391	-0.003670	0.016683
	0.040200	-0.005823	0.034743	-0.004342	0.023855	0.003955
	0.006746	-0.015946	0.012899	0.018012	0.013382	0.014121
	0.012113	0.014984	0.003953	-0.019911	0.020945	0.003582
	-0.018649					
x676	0.034545	-0.022129	0.007950	-0.020405	0.012098	-0.023789
	-0.021425	0.013132	-0.002609	-0.007255	0.007778	-0.012672
	-0.035202	-0.010897	-0.009348	-0.055897	-0.015632	-0.002496
	-0.020679	-0.024305	-0.001429	-0.017258	-0.009623	-0.055299
	-0.027320	-0.017682	0.016773	-0.072057	0.005840	-0.010149
	0.009411					
y676	0.008468	0.020748	0.032321	-0.008317	-0.004209	-0.003468
	-0.004281	-0.001069	-0.004459	0.014292	-0.009648	-0.012388
	-0.005775	0.002368	0.025725	0.032352	0.019534	0.025935
	0.004300	0.050846	0.027861	0.043127	-0.011048	0.032324
	-0.063696	-0.023130	-0.008674	0.030385	-0.031640	0.027680
	-0.006176					

z676	0.018323	-0.030982	-0.021803	-0.040919	-0.001268	-0.026324
	0.023744	0.003240	-0.016576	0.003825	-0.006356	0.012921
	0.040553	-0.005585	0.033816	0.001864	0.027532	0.011778
	0.014833	-0.012169	0.010828	0.013633	0.007035	0.016530
	0.012078	0.008286	0.002919	-0.009441	0.020889	0.002248
	-0.014971					
x677	0.030550	-0.023135	0.001665	-0.020819	0.012958	-0.025278
	-0.018372	0.012155	-0.002435	-0.007590	0.009497	-0.007856
	-0.033398	-0.014677	-0.014877	-0.054374	-0.017338	-0.001185
	-0.015568	-0.024556	-0.001091	-0.016342	-0.006513	-0.052725
	-0.024000	-0.013610	0.017561	-0.062565	0.007964	-0.011631
	0.008440					
y677	0.011978	0.021482	0.035738	-0.009260	-0.007140	-0.010075
	-0.008038	-0.005710	-0.006656	0.010844	-0.003509	-0.013015
	-0.011597	0.002785	0.022334	0.031887	0.012821	0.020590
	0.002252	0.048484	0.030123	0.034170	-0.009027	0.022086
	-0.063826	-0.027600	-0.017649	0.022196	-0.028696	0.033440
	-0.002078					
z677	0.016829	-0.030677	-0.017544	-0.042786	-0.005332	-0.024849
	0.019867	-0.000208	-0.017643	0.009363	-0.006824	0.005652
	0.037990	0.000883	0.032169	0.005354	0.029180	0.018619
	0.016986	-0.010043	0.009101	0.007863	0.000084	0.017337
	0.014092	0.007324	-0.001731	-0.005669	0.019866	0.000002
	-0.013577					
x678	0.025713	-0.023379	-0.006024	-0.019893	0.013678	-0.024811
	-0.014102	0.012383	-0.000463	-0.008179	0.010135	-0.001174
	-0.028107	-0.021238	-0.019197	-0.051099	-0.018426	0.001846
	-0.007619	-0.021745	-0.002148	-0.012161	-0.001180	-0.046312
	-0.019695	-0.008317	0.022302	-0.044247	0.010234	-0.010857
	0.007765					
y678	0.015090	0.021334	0.037249	-0.009615	-0.009053	-0.017805
	-0.011024	-0.010813	-0.008369	0.006301	0.002429	-0.011239
	-0.016461	0.000844	0.017881	0.030821	0.003930	0.015494
	0.001445	0.043636	0.031038	0.023452	-0.004631	0.013208
	-0.059353	-0.030060	-0.024884	0.012250	-0.025117	0.037317
	0.003699					
z678	0.015232	-0.030491	-0.012420	-0.044555	-0.010375	-0.021104
	0.015615	-0.002516	-0.016765	0.014883	-0.005892	-0.004937
	0.035507	0.005044	0.032067	0.006111	0.029539	0.024739
	0.019692	-0.008676	0.002745	0.000455	-0.002546	0.011896
	0.013065	-0.001702	-0.003604	0.001791	0.024301	-0.002524
	-0.006292					

x679	0.019891	-0.022306	-0.015291	-0.017972	0.014043	-0.023056
	-0.008862	0.013719	0.002506	-0.008356	0.009568	0.008562
	-0.019800	-0.032243	-0.023025	-0.044335	-0.019471	0.006303
	0.001132	-0.015123	-0.004569	-0.003185	0.004581	-0.032913
	-0.017989	0.000956	0.032258	-0.022075	0.008121	-0.008978
	0.002899					
y679	0.017780	0.020593	0.036994	-0.009292	-0.010086	-0.026437
	-0.013534	-0.015999	-0.009656	0.000924	0.008094	-0.006553
	-0.020975	-0.003424	0.011988	0.029775	-0.006859	0.010897
	0.002026	0.036962	0.031608	0.011329	0.001715	0.006857
	-0.050701	-0.029897	-0.030908	0.001815	-0.022364	0.040852
	0.011635					
z679	0.013534	-0.029360	-0.006632	-0.046466	-0.017069	-0.018103
	0.010535	-0.002766	-0.015581	0.021003	-0.005038	-0.015014
	0.031449	0.004245	0.030985	0.005746	0.027658	0.027018
	0.019516	-0.005575	-0.007600	-0.004482	-0.005575	0.008484
	0.001543	-0.008978	-0.001451	0.002413	0.019762	-0.006818
	-0.003081					
x680	0.013277	-0.019858	-0.025996	-0.013808	0.014391	-0.019191
	-0.002146	0.014686	0.007868	-0.008654	0.007577	0.021371
	-0.008086	-0.043643	-0.024899	-0.033426	-0.021304	0.013735
	0.010844	-0.004415	-0.002503	0.008521	0.011373	-0.015486
	-0.013491	0.013252	0.041869	0.006991	0.005564	0.000084
	-0.002418					
y680	0.020130	0.019487	0.034362	-0.008423	-0.010343	-0.034592
	-0.015226	-0.021616	-0.010987	-0.005148	0.014263	0.001107
	-0.024288	-0.009682	0.005361	0.029499	-0.020314	0.005968
	0.003626	0.027976	0.030866	-0.003421	0.010783	0.000780
	-0.036317	-0.028526	-0.036290	-0.009836	-0.019769	0.042978
	0.021279					
z680	0.011404	-0.026404	0.000697	-0.043949	-0.024087	-0.012764
	0.008717	-0.002851	-0.010008	0.028495	-0.007344	-0.024359
	0.027009	0.006146	0.033551	0.007140	0.019301	0.029690
	0.017906	0.001923	-0.010824	-0.009958	-0.006403	0.002913
	-0.012789	-0.019037	-0.013057	0.006162	0.015124	0.000618
	0.007516					
x681	0.008583	-0.019042	-0.026668	-0.015695	0.017058	-0.013984
	-0.002248	0.018546	0.011779	-0.008291	0.005429	0.018331
	-0.006541	-0.038339	-0.024556	-0.028266	-0.020077	0.007199
	0.015014	-0.008604	-0.006643	0.008414	0.007653	-0.022989
	-0.011160	0.019673	0.038831	0.016588	0.000204	0.002074
	-0.013306					

y681	0.016319	0.020675	0.029881	-0.007038	-0.010969	-0.035848
	-0.014107	-0.020087	-0.010542	-0.010087	0.011002	0.007861
	-0.024611	-0.012885	0.003115	0.029829	-0.028957	0.003460
	0.007432	0.022288	0.029386	-0.000286	0.018911	-0.002590
	-0.031527	-0.021422	-0.038644	-0.017170	-0.013494	0.045693
	0.018304					
z681	0.010864	-0.023782	0.002343	-0.041253	-0.028256	-0.012325
	0.005091	-0.004307	-0.009934	0.028770	-0.006950	-0.027075
	0.022387	-0.001200	0.031800	0.005103	0.017043	0.035153
	0.017191	0.009645	-0.010348	-0.006025	-0.007076	0.010839
	-0.015642	-0.022796	-0.012088	0.003179	0.014410	-0.006406
	0.014007					
x682	0.004347	-0.018571	-0.027088	-0.016797	0.019523	-0.008881
	-0.002175	0.021262	0.015663	-0.007782	0.002796	0.016388
	-0.005386	-0.032856	-0.024571	-0.023700	-0.018761	0.001980
	0.018533	-0.011968	-0.009575	0.006860	0.007128	-0.030412
	-0.008752	0.024033	0.036626	0.024682	-0.004193	0.004298
	-0.022612					
y682	0.012676	0.021537	0.025146	-0.006227	-0.010972	-0.036462
	-0.012716	-0.017906	-0.009218	-0.013274	0.009003	0.013484
	-0.024416	-0.015040	0.001144	0.029745	-0.035974	0.001820
	0.010161	0.017436	0.026782	0.001436	0.024942	-0.005112
	-0.026373	-0.014855	-0.039479	-0.021886	-0.007226	0.046609
	0.014816					
z682	0.009102	-0.021875	0.003822	-0.036792	-0.031569	-0.011564
	0.002300	-0.006919	-0.008724	0.028037	-0.008532	-0.028200
	0.018090	-0.006950	0.030064	0.003784	0.013198	0.039339
	0.017003	0.013694	-0.009940	-0.004640	-0.001997	0.011226
	-0.018115	-0.024093	-0.011431	0.001197	0.013185	-0.009510
	0.016512					
x683	0.001396	-0.017844	-0.027377	-0.018092	0.022345	-0.004461
	-0.000696	0.022907	0.018357	-0.006457	0.002519	0.015409
	-0.004311	-0.027723	-0.025950	-0.019430	-0.017822	-0.000873
	0.020332	-0.012874	-0.012660	0.004799	0.004383	-0.032701
	-0.005935	0.026592	0.033904	0.030628	-0.005905	0.007290
	-0.028641					
y683	0.009111	0.021916	0.020322	-0.005883	-0.010732	-0.035762
	-0.011022	-0.015345	-0.006815	-0.015240	0.006413	0.016913
	-0.023766	-0.015987	-0.000521	0.029649	-0.040405	-0.000626
	0.012156	0.012672	0.024909	0.002087	0.030110	-0.007807
	-0.021586	-0.009662	-0.039003	-0.024292	-0.001127	0.044415
	0.010062					

z683	0.008608	-0.019026	0.004390	-0.032937	-0.032273	-0.011229
	0.001157	-0.010574	-0.008293	0.028176	-0.006836	-0.027541
	0.014802	-0.009335	0.026640	0.004506	0.007350	0.044170
	0.014876	0.017666	-0.012343	-0.003176	-0.000598	0.013840
	-0.018094	-0.025951	-0.012339	-0.000397	0.019107	-0.009890
	0.019951					
x684	-0.000932	-0.017442	-0.027261	-0.019131	0.024173	-0.000124
	0.000085	0.024316	0.020536	-0.004607	0.001810	0.015114
	-0.003663	-0.023640	-0.027603	-0.017041	-0.016676	-0.002658
	0.022935	-0.012898	-0.012953	0.003904	0.002732	-0.031841
	-0.004448	0.026630	0.032349	0.033472	-0.007440	0.009830
	-0.032214					
y684	0.005829	0.021981	0.015127	-0.006096	-0.009734	-0.034407
	-0.008854	-0.012256	-0.003404	-0.015500	0.004978	0.019048
	-0.022504	-0.015991	-0.001948	0.029460	-0.042429	-0.002702
	0.012621	0.008540	0.021860	0.001384	0.033366	-0.010471
	-0.016403	-0.005427	-0.036914	-0.023463	0.004491	0.040187
	0.004575					
z684	0.006833	-0.016698	0.005352	-0.030123	-0.034493	-0.010544
	-0.001897	-0.012724	-0.008509	0.026512	-0.007918	-0.028689
	0.012008	-0.013690	0.023985	0.003087	0.001339	0.046794
	0.015345	0.017399	-0.011650	-0.001261	-0.000503	0.016997
	-0.020842	-0.023547	-0.011734	-0.002609	0.019620	-0.009075
	0.024113					
x685	-0.002291	-0.017478	-0.027020	-0.019864	0.026337	0.003691
	0.001006	0.024788	0.022971	-0.002398	0.001832	0.015600
	-0.003299	-0.020340	-0.029675	-0.015571	-0.013856	-0.003484
	0.024705	-0.011796	-0.013709	0.003217	0.002142	-0.027756
	-0.002599	0.026137	0.032779	0.034080	-0.010274	0.010889
	-0.034018					
y685	0.002626	0.021633	0.009785	-0.006877	-0.008433	-0.032063
	-0.006210	-0.008506	0.000631	-0.014423	0.003633	0.019066
	-0.020714	-0.015129	-0.003173	0.028951	-0.042435	-0.004749
	0.011751	0.004379	0.019020	-0.000650	0.034277	-0.012271
	-0.011387	-0.001965	-0.034782	-0.019735	0.010144	0.034218
	-0.000961					
z685	0.006065	-0.014974	0.005506	-0.026855	-0.034497	-0.009938
	-0.005656	-0.015600	-0.006811	0.025234	-0.008139	-0.027993
	0.009604	-0.016038	0.020998	0.002036	-0.001151	0.047632
	0.016252	0.016292	-0.013586	0.002691	0.003919	0.017395
	-0.021481	-0.021030	-0.007417	-0.002909	0.018313	-0.009744
	0.023941					

x686	-0.003003	-0.017748	-0.026532	-0.020582	0.027969	0.007583
	0.002439	0.024304	0.023163	-0.000637	0.002857	0.016519
	-0.004574	-0.017021	-0.030642	-0.013765	-0.011197	-0.003968
	0.024691	-0.009723	-0.011762	0.002649	0.002433	-0.022400
	-0.002226	0.022346	0.034178	0.033047	-0.008551	0.011034
	-0.036337					
y686	-0.000277	0.020901	0.004265	-0.007950	-0.006712	-0.029122
	-0.003253	-0.004241	0.005723	-0.011452	0.003205	0.017742
	-0.018287	-0.013397	-0.004458	0.028390	-0.040100	-0.006279
	0.010300	0.000977	0.015259	-0.003838	0.033419	-0.013176
	-0.005831	0.001230	-0.031704	-0.013691	0.014299	0.026254
	-0.005787					
z686	0.004538	-0.013558	0.005444	-0.024233	-0.034457	-0.008763
	-0.008802	-0.018618	-0.008406	0.021445	-0.007863	-0.027804
	0.005147	-0.016216	0.020956	0.003734	-0.005571	0.045208
	0.015259	0.011338	-0.012845	0.005928	0.007497	0.013746
	-0.023477	-0.017102	-0.002479	-0.001511	0.021890	-0.010633
	0.021715					
x687	-0.002511	-0.018209	-0.025320	-0.021202	0.029394	0.011210
	0.003464	0.023439	0.023623	0.002319	0.003295	0.017755
	-0.004338	-0.013781	-0.032921	-0.013505	-0.006708	-0.001740
	0.022390	-0.003945	-0.010692	-0.000481	0.003096	-0.015819
	-0.000476	0.016806	0.035970	0.029823	-0.007001	0.010298
	-0.033093					
y687	-0.003036	0.019721	-0.001689	-0.009680	-0.004601	-0.025370
	0.000194	0.000281	0.011432	-0.007266	0.003004	0.014319
	-0.015333	-0.010587	-0.005441	0.027911	-0.035621	-0.008407
	0.007946	-0.002950	0.011666	-0.008315	0.031038	-0.013339
	-0.000891	0.003689	-0.027550	-0.005179	0.018191	0.016485
	-0.011798					
z687	0.003487	-0.012384	0.005564	-0.021647	-0.033958	-0.007295
	-0.013569	-0.021496	-0.008357	0.018807	-0.009861	-0.028551
	0.004142	-0.014665	0.019664	0.004892	-0.006581	0.045538
	0.012411	0.008809	-0.016228	0.007488	0.011115	0.007461
	-0.021660	-0.013713	0.002922	0.001820	0.026385	-0.012978
	0.022604					
x688	-0.001377	-0.018694	-0.023737	-0.021701	0.030375	0.013957
	0.005485	0.022469	0.024103	0.006169	0.004303	0.019030
	-0.004904	-0.011505	-0.034926	-0.014088	-0.002021	0.000261
	0.020009	0.003517	-0.010322	-0.002077	0.001410	-0.003122
	-0.001493	0.010395	0.036001	0.025449	-0.008226	0.008515
	-0.026767					

y688	-0.005493	0.018215	-0.008014	-0.011812	-0.001976	-0.020614
	0.003960	0.005159	0.018176	-0.001485	0.003148	0.009454
	-0.012026	-0.006197	-0.006313	0.027287	-0.028386	-0.010327
	0.005005	-0.006174	0.007986	-0.014111	0.027868	-0.013863
	0.004543	0.004076	-0.022228	0.005530	0.023399	0.003949
	-0.018858					
z688	0.001844	-0.011165	0.005767	-0.019812	-0.032928	-0.006931
	-0.017318	-0.023533	-0.007631	0.015194	-0.012317	-0.032013
	0.003485	-0.012730	0.019467	0.006691	-0.007595	0.041270
	0.009730	0.003149	-0.022238	0.011664	0.009010	0.006945
	-0.025311	-0.004466	0.004033	0.007069	0.023046	-0.014065
	0.023564					
x689	0.001119	-0.019370	-0.021828	-0.021180	0.031564	0.017049
	0.006278	0.020573	0.024416	0.011822	0.006045	0.020970
	-0.004705	-0.008433	-0.038525	-0.015479	0.002076	0.003467
	0.015480	0.013060	-0.007250	-0.002840	-0.000078	0.008660
	0.001151	0.001090	0.036472	0.019326	-0.005661	0.004328
	-0.022857					
y689	-0.007900	0.016274	-0.014411	-0.014696	0.001127	-0.014975
	0.008089	0.010725	0.025638	0.005712	0.003842	0.002597
	-0.007914	-0.001277	-0.007078	0.026515	-0.019625	-0.012171
	0.000773	-0.009538	0.003737	-0.021501	0.022775	-0.013234
	0.009539	0.004886	-0.016093	0.019454	0.026507	-0.010126
	-0.024941					
z689	0.001087	-0.010053	0.005322	-0.016141	-0.030698	-0.005454
	-0.023228	-0.026230	-0.006073	0.013395	-0.014245	-0.034643
	0.004341	-0.007910	0.016918	0.008734	-0.008293	0.034920
	0.005573	-0.001630	-0.025816	0.017338	0.005869	-0.003587
	-0.020663	0.002470	0.005215	0.013376	0.026991	-0.018110
	0.014837					
x690	0.003973	-0.019886	-0.017777	-0.020345	0.028844	0.015704
	0.002241	0.019082	0.023619	0.015295	0.004658	0.018038
	-0.005548	-0.006303	-0.034828	-0.020064	-0.003052	0.000280
	0.012185	0.024647	-0.007357	0.002112	0.001913	0.023409
	0.000542	-0.000222	0.033474	0.017268	-0.010502	-0.005415
	-0.026189					
y690	-0.009777	0.014660	-0.015713	-0.017443	0.005386	-0.012536
	0.016556	0.013300	0.029221	0.006875	0.010360	0.010103
	-0.005250	-0.002044	-0.010166	0.030334	-0.016540	-0.007389
	0.003949	-0.011655	0.010942	-0.022998	0.012731	-0.011082
	0.010419	0.001862	-0.013545	0.012137	0.018785	0.007264
	-0.020683					

z690	-0.000073	-0.010658	0.003689	-0.016223	-0.025884	-0.004445
	-0.023118	-0.026946	-0.005158	0.008315	-0.014666	-0.033359
	0.004574	-0.005625	0.008213	0.009919	-0.005494	0.029579
	0.003628	-0.006782	-0.024334	0.016434	0.004563	-0.010173
	-0.019661	0.003591	0.004967	0.014493	0.028748	-0.012333
	0.018265					
x691	0.006832	-0.019747	-0.014211	-0.019199	0.026991	0.014099
	-0.002100	0.017607	0.021964	0.018580	0.003898	0.015034
	-0.006950	-0.003215	-0.031623	-0.023074	-0.006272	-0.000895
	0.009239	0.036090	-0.009035	0.005435	0.004078	0.033515
	0.000624	-0.001632	0.030297	0.014881	-0.013265	-0.012081
	-0.031494					
y691	-0.011252	0.013318	-0.016635	-0.019854	0.008955	-0.010755
	0.023494	0.015629	0.032258	0.007932	0.016047	0.016142
	-0.002298	-0.002129	-0.012252	0.033337	-0.015407	-0.004370
	0.006639	-0.012546	0.016005	-0.024604	0.004609	-0.008073
	0.010462	-0.000451	-0.010235	0.006608	0.011831	0.021478
	-0.016695					
z691	-0.001237	-0.010819	0.001647	-0.015617	-0.020480	-0.004307
	-0.022733	-0.027905	-0.003144	0.004685	-0.013646	-0.031614
	0.004172	-0.001869	0.000168	0.012351	-0.000911	0.028111
	0.001799	-0.008364	-0.025771	0.015148	0.001891	-0.017672
	-0.016208	0.003093	0.003103	0.015383	0.031963	-0.005299
	0.016856					
x692	0.009649	-0.018979	-0.011109	-0.018696	0.024973	0.012481
	-0.006848	0.016534	0.019023	0.020057	0.002379	0.010802
	-0.007871	-0.000967	-0.027723	-0.025379	-0.008132	-0.002573
	0.006413	0.043780	-0.009969	0.008957	0.006448	0.040491
	0.000022	-0.002630	0.028792	0.012327	-0.014450	-0.016123
	-0.035678					
y692	-0.012531	0.012256	-0.017253	-0.021555	0.011670	-0.009451
	0.029041	0.017510	0.034782	0.008742	0.020759	0.020596
	0.000841	-0.001908	-0.013263	0.035887	-0.015199	-0.002116
	0.008078	-0.012661	0.019235	-0.025991	-0.002179	-0.004909
	0.010718	-0.002854	-0.006101	0.002785	0.007236	0.032188
	-0.013101					
z692	-0.001929	-0.010675	-0.000772	-0.016678	-0.015582	-0.004615
	-0.021991	-0.028046	-0.001039	0.000396	-0.012976	-0.030598
	0.004277	0.002065	-0.005835	0.013526	0.002831	0.025078
	0.001055	-0.011227	-0.025531	0.015541	0.000896	-0.022431
	-0.014994	0.003457	0.002116	0.015303	0.033097	0.002509
	0.014098					

x693	0.012260	-0.018370	-0.008119	-0.018121	0.023794	0.011117
	-0.012094	0.015937	0.015591	0.021146	0.000169	0.006228
	-0.009260	0.000023	-0.024708	-0.026237	-0.009829	-0.004148
	0.003356	0.049654	-0.010416	0.011824	0.009190	0.044078
	0.000840	-0.004015	0.027874	0.009435	-0.016679	-0.021600
	-0.038975					
y693	-0.013404	0.011373	-0.017484	-0.022808	0.013606	-0.008397
	0.033174	0.019215	0.036974	0.009499	0.024276	0.023394
	0.004391	-0.001609	-0.013346	0.037686	-0.016250	-0.001470
	0.008714	-0.011742	0.020556	-0.027200	-0.006819	-0.001340
	0.010825	-0.005132	-0.001929	0.000906	0.003323	0.039497
	-0.010988					
z693	-0.002903	-0.010888	-0.003030	-0.017699	-0.010204	-0.004732
	-0.021132	-0.027750	0.002070	-0.002648	-0.012210	-0.029139
	0.004198	0.005560	-0.011688	0.015191	0.004776	0.022781
	-0.000233	-0.013085	-0.024637	0.015602	-0.000226	-0.026521
	-0.011935	0.002152	0.001028	0.015268	0.031253	0.004814
	0.011638					
x694	0.014517	-0.017902	-0.004856	-0.017721	0.022508	0.009958
	-0.017584	0.015177	0.011124	0.020864	-0.003626	0.002221
	-0.010841	0.000284	-0.021527	-0.027800	-0.010188	-0.005528
	0.000319	0.055315	-0.010506	0.013777	0.013757	0.043668
	0.001015	-0.003720	0.027062	0.006993	-0.016910	-0.025671
	-0.039118					
y694	-0.014082	0.010683	-0.017249	-0.023563	0.014678	-0.007539
	0.036033	0.020546	0.038761	0.010205	0.026123	0.024573
	0.008316	-0.001182	-0.012183	0.038997	-0.018675	-0.002012
	0.008424	-0.009653	0.020136	-0.028114	-0.009125	0.002408
	0.010406	-0.008119	0.001949	0.000650	0.001331	0.042549
	-0.009474					
z694	-0.004047	-0.011841	-0.004819	-0.019305	-0.005776	-0.004932
	-0.019829	-0.027861	0.005854	-0.005541	-0.012504	-0.025879
	0.003944	0.009070	-0.016203	0.013652	0.006618	0.019923
	-0.001565	-0.011144	-0.023533	0.015365	0.001095	-0.030667
	-0.009643	0.002835	0.000029	0.015531	0.028269	0.007110
	0.011719					
x695	0.017074	-0.016635	-0.001763	-0.017707	0.021988	0.007167
	-0.022818	0.015347	0.005308	0.020810	-0.005586	-0.001585
	-0.012653	-0.000930	-0.018765	-0.027803	-0.010250	-0.004222
	-0.001989	0.059208	-0.012369	0.012809	0.014252	0.042679
	0.002253	-0.002564	0.027050	0.003910	-0.018166	-0.026460
	-0.037532					

y695	-0.014269	0.010404	-0.016728	-0.023841	0.015052	-0.007744
	0.037412	0.021816	0.040186	0.011037	0.028147	0.024520
	0.012843	-0.000795	-0.010061	0.039384	-0.022391	-0.003216
	0.007572	-0.006370	0.016046	-0.029019	-0.011245	0.008270
	0.010313	-0.009881	0.006780	0.002892	-0.000547	0.043265
	-0.007579					
z695	-0.004531	-0.012193	-0.006580	-0.021619	-0.000907	-0.007800
	-0.016960	-0.026928	0.009784	-0.006132	-0.009274	-0.021362
	0.003554	0.011497	-0.019753	0.012865	0.006319	0.020445
	-0.001488	-0.008655	-0.024151	0.012033	-0.003333	-0.030308
	-0.006273	0.003463	-0.000780	0.014035	0.022076	0.009741
	0.011610					
x696	0.019440	-0.015450	0.000801	-0.017478	0.021647	0.005226
	-0.028691	0.015131	-0.000915	0.018963	-0.009094	-0.006041
	-0.014519	-0.002167	-0.015274	-0.027762	-0.008264	-0.003715
	-0.004128	0.061158	-0.013014	0.012252	0.017965	0.037594
	0.002649	-0.001584	0.027674	0.002668	-0.015087	-0.026994
	-0.035174					
y696	-0.014231	0.010268	-0.015864	-0.023750	0.014296	-0.008138
	0.037346	0.022569	0.041032	0.011799	0.028483	0.022659
	0.017257	-0.000105	-0.006571	0.039105	-0.027578	-0.005866
	0.005927	-0.001942	0.011080	-0.029665	-0.010473	0.014209
	0.009275	-0.012684	0.011700	0.006027	-0.000095	0.039691
	-0.008082					
z696	-0.005054	-0.013183	-0.008754	-0.023657	0.003735	-0.009772
	-0.013980	-0.026795	0.015147	-0.007556	-0.006935	-0.016803
	0.003423	0.014715	-0.020753	0.010727	0.007481	0.020171
	-0.001540	-0.005833	-0.023172	0.010834	-0.003491	-0.028837
	-0.004642	0.003991	-0.001784	0.016100	0.019826	0.009378
	0.011948					
x697	0.021960	-0.013558	0.002955	-0.017467	0.022148	0.002831
	-0.034606	0.015011	-0.008403	0.016395	-0.013461	-0.011496
	-0.016554	-0.004048	-0.012797	-0.025457	-0.005701	-0.003728
	-0.005985	0.061871	-0.013055	0.012232	0.021117	0.029653
	0.002957	-0.002012	0.028248	-0.000177	-0.009603	-0.024309
	-0.033584					
y697	-0.013905	0.010403	-0.014769	-0.023056	0.012947	-0.008853
	0.035699	0.023079	0.041351	0.012058	0.027707	0.018940
	0.021940	0.001052	-0.002301	0.037809	-0.034209	-0.010393
	0.003902	0.003360	0.003746	-0.030050	-0.008377	0.020670
	0.008298	-0.015100	0.016912	0.010883	0.002846	0.033570
	-0.009189					

z697	-0.005133	-0.013540	-0.011380	-0.026277	0.009144	-0.012955
	-0.009900	-0.026491	0.020542	-0.008032	-0.005233	-0.012581
	0.003077	0.018106	-0.021800	0.010129	0.007424	0.019207
	-0.001301	-0.000752	-0.020811	0.012243	-0.005139	-0.025233
	-0.003697	0.002038	-0.003237	0.015311	0.017701	0.011074
	0.007449					
x698	0.024040	-0.011515	0.005024	-0.017677	0.022906	0.000257
	-0.041056	0.014609	-0.017320	0.012727	-0.018897	-0.017453
	-0.019323	-0.006769	-0.011322	-0.022954	-0.002588	-0.003260
	-0.007474	0.060904	-0.013209	0.010697	0.025640	0.018328
	0.003783	-0.001480	0.027781	-0.004926	-0.002549	-0.019234
	-0.032672					
y698	-0.013176	0.010770	-0.013394	-0.021872	0.011132	-0.010189
	0.032766	0.023270	0.041153	0.011869	0.025868	0.013790
	0.027266	0.002312	0.002846	0.036445	-0.041688	-0.016066
	0.001013	0.009486	-0.005635	-0.029914	-0.004327	0.027671
	0.007143	-0.017217	0.022718	0.018223	0.007006	0.024471
	-0.009740					
z698	-0.005728	-0.014084	-0.014052	-0.029552	0.014393	-0.016931
	-0.006113	-0.026613	0.025541	-0.008181	-0.004361	-0.008846
	0.001708	0.021954	-0.023079	0.007801	0.005554	0.018822
	0.000519	0.006836	-0.019288	0.012460	-0.005333	-0.021017
	-0.001456	0.001018	-0.006045	0.011150	0.015450	0.013758
	-0.001538					
x699	0.024921	-0.012057	0.007885	-0.013834	0.018327	0.005026
	-0.037771	0.009920	-0.019151	0.013146	-0.021666	-0.016739
	-0.023425	-0.012412	-0.016445	-0.024374	0.009991	0.000622
	-0.008855	0.061717	-0.012830	0.017749	0.026861	0.003827
	-0.000148	0.001021	0.027545	-0.018717	0.008665	-0.013302
	-0.022305					
y699	-0.011355	0.008995	-0.008195	-0.021224	0.003949	-0.004545
	0.027287	0.023372	0.027906	0.009276	0.021216	0.010094
	0.026679	-0.005832	0.003464	0.031438	-0.038595	-0.035018
	-0.004318	0.017268	-0.002608	-0.017918	0.003415	0.027860
	-0.010297	-0.020777	0.031800	0.019667	0.017404	0.017421
	0.003351					
z699	-0.005018	-0.011052	-0.018142	-0.036644	0.020869	-0.028982
	-0.005613	-0.023811	0.031449	-0.009658	-0.004037	-0.010206
	0.003628	0.026944	-0.017515	0.004810	0.001573	0.015323
	0.004454	0.010416	-0.020506	0.007689	-0.009827	-0.005825
	-0.000229	-0.004709	-0.006819	0.019541	0.002023	0.010752
	-0.003182					

x700	0.025401	-0.011407	0.008976	-0.012287	0.015380	0.005757
	-0.034505	0.004580	-0.020483	0.014259	-0.024306	-0.015576
	-0.026901	-0.015220	-0.018134	-0.024753	0.019317	0.002798
	-0.009172	0.060230	-0.011589	0.021660	0.028840	-0.009231
	-0.003162	0.002660	0.027314	-0.029139	0.017645	-0.010908
	-0.017007					
y700	-0.009277	0.006595	-0.002536	-0.019552	-0.003244	0.000734
	0.021746	0.024214	0.015895	0.007131	0.016849	0.006256
	0.025455	-0.012973	0.006773	0.027186	-0.035163	-0.048839
	-0.008284	0.022061	-0.002606	-0.007893	0.009192	0.027479
	-0.022864	-0.023272	0.040398	0.021256	0.025665	0.010833
	0.013295					
z700	-0.004420	-0.009256	-0.020394	-0.041922	0.025752	-0.037481
	-0.002928	-0.021217	0.035639	-0.010385	-0.005844	-0.011697
	0.003974	0.032303	-0.013414	0.001674	-0.003020	0.014557
	0.005450	0.011560	-0.020039	0.003652	-0.010726	0.003031
	0.001617	-0.010744	-0.004771	0.023818	-0.008891	0.005102
	-0.007007					
x701	0.025992	-0.009090	0.008499	-0.012831	0.014096	0.001908
	-0.033037	-0.000864	-0.021540	0.015818	-0.025390	-0.013646
	-0.031009	-0.016932	-0.017416	-0.023682	0.026898	0.002354
	-0.007472	0.059457	-0.011783	0.023964	0.026990	-0.019294
	-0.003141	0.003579	0.026944	-0.034386	0.025711	-0.009083
	-0.013002					
y701	-0.007045	0.003759	0.003278	-0.017103	-0.009787	0.005469
	0.016078	0.025087	0.004443	0.004785	0.013390	0.002564
	0.023310	-0.019924	0.011660	0.024268	-0.032703	-0.059337
	-0.011972	0.022273	-0.005486	0.000557	0.013467	0.026584
	-0.031938	-0.023702	0.046080	0.022421	0.031822	0.006387
	0.020325					
z701	-0.003416	-0.007744	-0.021094	-0.045681	0.030344	-0.043482
	-0.002443	-0.018941	0.037315	-0.010964	-0.007078	-0.013213
	0.000625	0.035978	-0.012616	-0.000871	-0.007094	0.013604
	0.007582	0.016565	-0.021895	0.004686	-0.010732	0.007721
	0.004554	-0.017035	-0.001626	0.028883	-0.014536	0.001091
	-0.013996					
x702	0.026085	-0.005277	0.005987	-0.015558	0.013243	-0.005958
	-0.031601	-0.005715	-0.021652	0.016624	-0.026384	-0.011337
	-0.033769	-0.017518	-0.014021	-0.020463	0.032221	-0.000301
	-0.005488	0.056928	-0.012348	0.023996	0.022887	-0.026253
	-0.002875	0.006402	0.025958	-0.036511	0.032915	-0.008875
	-0.007392					

y702	-0.004930	0.000700	0.009063	-0.014035	-0.016109	0.009062
	0.009993	0.026211	-0.006692	0.002302	0.010653	-0.001119
	0.019980	-0.025919	0.017906	0.021665	-0.031077	-0.066084
	-0.015969	0.017736	-0.011153	0.006949	0.016326	0.026496
	-0.037417	-0.023469	0.049149	0.021643	0.035761	0.003012
	0.025724					
z702	-0.002849	-0.006917	-0.020875	-0.048267	0.033091	-0.047264
	-0.000986	-0.016684	0.037818	-0.012859	-0.010335	-0.013775
	-0.003622	0.038482	-0.015318	-0.004350	-0.010009	0.011661
	0.008600	0.020538	-0.023635	0.008374	-0.008436	0.009217
	0.003096	-0.022710	0.002315	0.031164	-0.013614	-0.004468
	-0.016098					
x703	0.025746	0.000407	0.000914	-0.021126	0.013068	-0.018444
	-0.030554	-0.010291	-0.020355	0.017219	-0.026988	-0.008597
	-0.035200	-0.016130	-0.006347	-0.014398	0.033907	-0.005311
	-0.002747	0.051871	-0.013651	0.020487	0.016040	-0.029140
	-0.002508	0.012318	0.023992	-0.035133	0.037064	-0.009290
	-0.000337					
y703	-0.002927	-0.002740	0.015136	-0.010087	-0.022375	0.011149
	0.003035	0.027754	-0.017601	-0.000830	0.009021	-0.005286
	0.015183	-0.030909	0.026583	0.019018	-0.028899	-0.068689
	-0.021339	0.007544	-0.019655	0.010744	0.017055	0.028095
	-0.037447	-0.023379	0.049273	0.019319	0.035707	0.001336
	0.029021					
z703	-0.002809	-0.006416	-0.020439	-0.050118	0.034480	-0.049446
	0.000609	-0.014555	0.036495	-0.015367	-0.016064	-0.013352
	-0.008352	0.040624	-0.019744	-0.008288	-0.013081	0.008201
	0.009027	0.022934	-0.024253	0.011913	-0.003098	0.011304
	-0.000956	-0.028807	0.007173	0.032089	-0.008428	-0.009449
	-0.015860					
x704	0.024431	0.008170	-0.006691	-0.030006	0.014463	-0.037931
	-0.029904	-0.015762	-0.017705	0.017990	-0.026331	-0.006351
	-0.034549	-0.012756	0.007318	-0.006001	0.035356	-0.014046
	0.001848	0.043094	-0.016518	0.014541	0.004628	-0.028834
	0.000673	0.020164	0.018747	-0.029250	0.033668	-0.010555
	0.007846					
y704	-0.000001	-0.007272	0.022163	-0.005009	-0.028702	0.013450
	-0.006268	0.030741	-0.028508	-0.004517	0.008911	-0.010454
	0.009039	-0.034792	0.038513	0.014448	-0.028452	-0.064067
	-0.029123	-0.009522	-0.031940	0.009561	0.016397	0.032283
	-0.030879	-0.021044	0.047534	0.013958	0.030844	0.003760
	0.030188					

z704	-0.003617	-0.006213	-0.018288	-0.050248	0.034459	-0.050215
	0.003643	-0.012268	0.033335	-0.019509	-0.021700	-0.015288
	-0.014275	0.041588	-0.024713	-0.010373	-0.013139	0.000839
	0.008085	0.025258	-0.023703	0.018546	0.002531	0.012885
	-0.004268	-0.035335	0.009233	0.028048	-0.008281	-0.011405
	-0.013582					
x705	0.021739	0.017363	-0.017140	-0.044257	0.016933	-0.064709
	-0.031709	-0.022605	-0.013544	0.017477	-0.026934	-0.003310
	-0.032146	-0.006192	0.030884	0.002541	0.034937	-0.026097
	0.007358	0.028629	-0.019786	0.002166	-0.004458	-0.024593
	0.000502	0.028361	0.007773	-0.019791	0.027315	-0.017054
	0.013382					
y705	0.004681	-0.013592	0.031156	0.004706	-0.036764	0.017675
	-0.018192	0.035004	-0.037785	-0.007258	0.009490	-0.021127
	-0.000890	-0.039465	0.053473	0.005448	-0.025267	-0.047215
	-0.041343	-0.033966	-0.050454	0.004000	0.010588	0.043683
	-0.011389	-0.018968	0.040491	0.006267	0.020801	0.011798
	0.024549					
z705	-0.004114	-0.007349	-0.013905	-0.049584	0.032082	-0.049631
	0.004618	-0.006938	0.027111	-0.029355	-0.026689	-0.017111
	-0.020835	0.041438	-0.027350	-0.015479	-0.013797	-0.004431
	-0.002462	0.028231	-0.022070	0.019876	0.012573	0.011659
	-0.008310	-0.044984	0.009701	0.017698	-0.010108	-0.008959
	-0.009547					
x706	0.020616	0.028090	-0.028223	-0.058004	0.019952	-0.096814
	-0.035988	-0.027308	-0.008178	0.019624	-0.019898	-0.001557
	-0.028825	0.001760	0.061712	0.004356	0.034841	-0.032004
	0.013191	0.008600	-0.030594	-0.022564	-0.023669	0.005432
	0.007216	0.026485	-0.001490	-0.003718	0.010173	-0.016523
	0.025564					
y706	0.009053	-0.020398	0.040211	0.018037	-0.044359	0.025856
	-0.030096	0.040537	-0.044818	-0.005095	0.011797	-0.026721
	-0.010843	-0.041621	0.063275	0.003169	-0.021296	-0.026486
	-0.047843	-0.055899	-0.069438	0.000067	0.003063	0.038022
	0.015195	-0.012590	0.034682	-0.001904	0.023953	0.016723
	0.012174					
z706	-0.000680	-0.011470	-0.005499	-0.042920	0.026179	-0.042870
	0.001272	0.001944	0.023003	-0.038761	-0.030835	-0.029656
	-0.030921	0.039457	-0.024671	-0.026663	-0.012695	0.002158
	-0.022456	0.024497	-0.029979	0.017281	0.016903	0.018741
	-0.002839	-0.050647	0.004534	-0.003729	-0.021623	0.009462
	-0.003816					

x707	0.019553	0.034651	-0.033083	-0.063926	0.022254	-0.107446
	-0.037471	-0.028557	-0.010872	0.017004	-0.014321	-0.001259
	-0.027218	-0.000088	0.073833	0.015475	0.028104	-0.048356
	0.018109	-0.006584	-0.023000	-0.037697	-0.028669	0.018922
	0.002459	0.012375	-0.005892	0.008917	0.001916	-0.015109
	0.025218					
y707	0.009603	-0.022346	0.042586	0.024452	-0.046736	0.028750
	-0.036702	0.039277	-0.050906	-0.002746	0.014434	-0.020840
	-0.014793	-0.039422	0.073171	0.010801	-0.024188	-0.025544
	-0.045298	-0.058155	-0.073693	-0.000792	-0.002868	0.019919
	0.028215	-0.006517	0.037992	-0.002578	0.023961	0.015408
	0.009296					
z707	0.000794	-0.016598	0.004117	-0.035107	0.019417	-0.031769
	-0.004551	0.013182	0.020754	-0.044288	-0.035598	-0.034575
	-0.037406	0.041767	-0.024763	-0.030518	-0.010974	0.005824
	-0.039224	0.017825	-0.040054	0.018473	0.023341	0.006848
	0.006278	-0.047704	-0.000774	-0.036454	-0.019248	0.026608
	0.001854					
x708	0.029170	-0.004971	-0.011947	0.003282	0.016975	0.003073
	0.017791	-0.025315	0.002610	0.008075	0.021340	-0.015612
	-0.022692	-0.018761	0.001852	0.011191	0.030276	0.003126
	-0.026533	0.000972	-0.049424	-0.016619	0.032064	-0.014595
	0.022709	0.040704	-0.038496	0.011681	0.029226	-0.042404
	0.021040					
y708	-0.006376	0.001021	0.012098	-0.006869	0.006014	0.019088
	-0.006969	0.005512	-0.005146	-0.009799	-0.005814	-0.011694
	0.000489	-0.002310	-0.009630	0.002032	-0.009583	-0.030777
	0.009316	-0.018206	0.018170	-0.030526	-0.000060	0.021627
	0.004310	-0.004291	-0.015168	0.006862	-0.007187	-0.022735
	-0.015663					
z708	-0.004363	-0.023139	0.009333	-0.005059	-0.004533	0.004979
	0.010265	0.000369	0.016192	-0.008122	0.029694	0.023066
	-0.014832	-0.012351	0.027210	-0.022169	0.018111	0.015619
	0.051895	-0.001225	-0.032503	-0.009971	0.011124	-0.004929
	0.008497	-0.004058	-0.007609	0.006122	0.043138	0.023004
	-0.035553					
x709	0.030216	-0.010097	-0.005597	0.000760	0.017114	-0.004014
	0.020973	-0.027878	-0.001141	-0.003272	0.016352	-0.012388
	-0.025460	-0.009987	0.010845	0.013339	0.043647	0.007900
	-0.019827	-0.000343	-0.042733	-0.009319	0.019650	-0.005353
	0.026504	0.043843	-0.037166	0.020925	0.027517	-0.043796
	0.032650					

y709	-0.008705	0.002432	0.009769	-0.011549	0.006442	0.014682
	-0.006274	0.002185	-0.003144	-0.009540	-0.009597	-0.009012
	0.002878	-0.005670	-0.012155	0.001972	-0.014034	-0.027023
	0.008520	-0.014728	0.023795	-0.024791	0.001611	0.015743
	-0.000203	-0.002339	-0.016746	-0.002549	0.006523	-0.011233
	-0.026690					
z709	-0.002478	-0.024180	0.010498	-0.003732	0.003411	0.011525
	0.010587	0.000122	0.014852	-0.007263	0.034222	0.023534
	-0.014997	-0.009745	0.020009	-0.023778	0.010445	0.025405
	0.068994	-0.015827	-0.039762	-0.002110	0.011190	-0.013633
	0.009497	-0.013399	0.001648	-0.020303	0.046014	0.042588
	-0.059885					
x710	0.035277	-0.011855	-0.002312	0.000209	0.016938	-0.004724
	0.022942	-0.038351	0.001719	-0.004574	0.023381	-0.008178
	-0.027246	-0.005140	0.009137	0.007947	0.049978	0.018891
	-0.001830	0.003914	-0.038384	0.002672	0.020250	-0.007055
	0.025924	0.029209	-0.020977	0.022752	0.032381	-0.046264
	0.046873					
y710	-0.011900	0.003188	0.007372	-0.015377	0.004050	0.010643
	-0.004385	0.003003	-0.001541	-0.012440	-0.016142	-0.005853
	0.006727	-0.005232	-0.010648	0.003970	-0.015106	-0.027028
	0.002409	-0.016543	0.021296	-0.021831	0.002119	0.013177
	-0.003996	0.002584	-0.021006	-0.010019	0.018250	-0.001959
	-0.038482					
z710	-0.001092	-0.026231	0.011350	-0.007107	0.007611	0.013692
	0.011989	0.014700	0.009820	-0.019580	0.034516	0.017439
	-0.017169	-0.013519	0.015432	-0.010153	0.014322	0.025624
	0.097723	-0.020393	-0.031139	0.001252	-0.000263	-0.020887
	0.017102	-0.018795	0.016910	-0.014624	0.045265	0.026443
	-0.041821					
x711	0.035949	-0.013522	0.003550	0.000949	0.021045	-0.005303
	0.025431	-0.038935	0.004922	-0.007157	0.031242	-0.003787
	-0.023602	-0.003135	0.006263	0.010755	0.050870	0.016773
	0.010041	-0.002261	-0.029851	0.002494	0.015451	-0.008583
	0.040455	0.010470	-0.004218	0.017792	0.025953	-0.041888
	0.037180					
y711	-0.013550	0.003583	0.003754	-0.017838	0.001751	0.005942
	-0.003331	0.000700	-0.001413	-0.014647	-0.019976	-0.006129
	0.009771	-0.007050	-0.005770	0.001539	-0.013113	-0.025282
	0.001326	-0.016134	0.018846	-0.019554	0.003958	0.012001
	-0.009156	0.002918	-0.022282	-0.007265	0.027931	-0.002496
	-0.040862					

z711	0.001461	-0.027985	0.012016	-0.008004	0.009042	0.016962
	0.011547	0.016102	0.004987	-0.021874	0.032484	0.013210
	-0.018856	-0.007718	0.014229	-0.006698	0.018518	0.032459
	0.114526	-0.021281	-0.031894	0.006568	-0.005554	-0.023946
	0.014440	-0.013168	0.021740	-0.011896	0.039507	0.021195
	-0.032108					
x712	0.037581	-0.015028	0.010010	0.001786	0.021715	-0.002095
	0.029696	-0.037294	0.007370	-0.005997	0.035977	-0.006311
	-0.017421	-0.002893	0.002799	0.012832	0.053839	0.018316
	0.022951	-0.004588	-0.026399	0.005229	0.009588	-0.011301
	0.049141	-0.003521	0.010870	0.012674	0.014084	-0.036402
	0.042051					
y712	-0.015448	0.004144	0.000150	-0.019445	0.000099	0.001908
	-0.000120	-0.002174	-0.000993	-0.015771	-0.020960	-0.004050
	0.015489	-0.007793	-0.001847	-0.003000	-0.010918	-0.024028
	0.001538	-0.017031	0.013240	-0.016643	0.006766	0.008725
	-0.009864	0.002474	-0.022903	-0.008732	0.029990	-0.003433
	-0.045012					
z712	0.002668	-0.029447	0.012036	-0.008891	0.012258	0.017418
	0.009904	0.016599	0.000834	-0.025455	0.032468	0.011644
	-0.020172	0.000287	0.011420	-0.004150	0.021377	0.033980
	0.126040	-0.023019	-0.029522	0.005381	-0.008611	-0.025834
	0.018045	-0.010351	0.025225	-0.006536	0.032072	0.012020
	-0.031443					
x713	0.039468	-0.015643	0.016934	0.001990	0.020504	0.001022
	0.031145	-0.033844	0.008144	-0.007468	0.041866	-0.007323
	-0.014731	0.001538	0.001254	0.016121	0.055001	0.017739
	0.041305	-0.008505	-0.019072	0.006467	0.000280	-0.014707
	0.062754	-0.005711	0.024696	0.020985	0.003668	-0.039506
	0.037602					
y713	-0.016741	0.005148	-0.002231	-0.019299	-0.000198	-0.003082
	0.004095	-0.005432	-0.001241	-0.016330	-0.022454	-0.001687
	0.023169	-0.006972	0.002137	-0.005544	-0.008717	-0.019377
	0.000136	-0.020398	0.009766	-0.013981	0.012636	0.005564
	-0.011262	0.001187	-0.026391	-0.007052	0.028502	-0.002698
	-0.056003					
z713	0.003093	-0.030664	0.012356	-0.008049	0.017105	0.017468
	0.010635	0.015798	-0.001936	-0.023567	0.031238	0.008318
	-0.018140	0.007901	0.005235	-0.001809	0.023851	0.033510
	0.125897	-0.022075	-0.029752	0.001188	-0.005208	-0.026422
	0.019225	-0.014419	0.025046	-0.008890	0.015205	0.007501
	-0.029171					

x714	0.040982	-0.017658	0.025082	0.002937	0.020444	0.008752
	0.034057	-0.026722	0.012485	-0.002497	0.045395	-0.010626
	-0.009940	0.008224	0.001560	0.020292	0.057146	0.022048
	0.055339	-0.009105	-0.016882	0.004196	-0.011703	-0.013690
	0.082783	0.008433	0.047307	0.031417	-0.015969	-0.051767
	0.026657					
y714	-0.017376	0.005991	-0.004883	-0.018671	-0.001659	-0.005652
	0.010746	-0.006505	-0.000439	-0.015494	-0.024260	-0.000892
	0.029772	-0.004774	0.008288	-0.006509	-0.006573	-0.013925
	0.000587	-0.020827	0.009399	-0.012868	0.017022	-0.000295
	-0.012590	0.005298	-0.025110	-0.005861	0.023527	-0.007223
	-0.069565					
z714	0.003066	-0.028931	0.010702	-0.008565	0.018866	0.011609
	0.007023	0.011070	-0.007847	-0.028496	0.031317	0.008226
	-0.017679	0.006124	-0.007262	-0.000532	0.019873	0.022101
	0.122769	-0.022225	-0.025656	-0.006521	0.000334	-0.030428
	0.017628	-0.039704	0.001072	-0.013167	0.012176	0.020700
	-0.010893					
x715	0.037464	-0.022627	0.034748	0.003373	0.014875	0.024322
	0.032426	-0.024739	0.014794	-0.009576	0.021444	-0.016268
	-0.010806	0.007378	-0.003953	0.022067	0.052472	0.011312
	0.061461	-0.005873	0.019871	0.000656	0.024820	-0.040977
	0.081733	-0.018121	0.039639	0.032043	0.008912	-0.071066
	0.002724					
y715	-0.015068	0.010756	-0.009134	-0.018003	-0.000341	-0.016717
	0.014451	-0.005884	-0.001838	-0.013412	-0.011170	0.006707
	0.035732	-0.007740	0.009287	-0.009601	-0.002335	-0.004549
	0.003524	-0.026788	-0.009649	-0.015848	-0.002296	0.008122
	-0.005961	0.020286	-0.024229	-0.001185	0.007050	0.006325
	-0.055903					
z715	0.003823	-0.030863	0.012359	-0.004188	0.021175	0.015282
	0.012174	0.011591	-0.010113	-0.017424	0.033267	0.000038
	-0.007703	0.031628	-0.004135	0.002831	0.029608	0.023063
	0.131514	-0.019170	-0.026710	-0.011072	-0.003248	-0.027896
	0.032689	-0.017578	0.022594	-0.004889	-0.036945	-0.005867
	-0.033744					
x716	0.037657	-0.024790	0.042356	0.004455	0.011519	0.036700
	0.033559	-0.017563	0.020218	-0.009965	0.014947	-0.025121
	-0.008347	0.017824	-0.005646	0.023533	0.052264	-0.000381
	0.062765	-0.005807	0.027561	-0.004803	0.041894	-0.060600
	0.090694	-0.026225	0.050224	0.037597	-0.006931	-0.091057
	-0.017807					

y716	-0.017245	0.010009	-0.011079	-0.016613	-0.002713	-0.015546
	0.020917	-0.008982	-0.004218	-0.014885	-0.016634	0.004619
	0.041192	-0.008645	0.016273	-0.015000	0.004833	-0.003506
	0.006300	-0.029280	-0.008254	-0.014467	0.012087	-0.006961
	-0.012554	0.007661	-0.026725	0.002761	0.007987	-0.010221
	-0.074564					
z716	0.002151	-0.031445	0.012595	-0.001154	0.021793	0.016969
	0.013289	0.005882	-0.016276	-0.013045	0.031740	-0.006720
	-0.002054	0.039634	-0.008688	0.004991	0.031060	0.017387
	0.132988	-0.017929	-0.017203	-0.018713	0.000497	-0.029967
	0.039265	-0.025035	0.018689	0.001887	-0.052773	-0.019974
	-0.041050					
x717	0.048801	-0.013643	0.049819	0.006209	0.016243	0.018751
	0.034269	0.002131	0.020689	0.013356	0.049136	-0.018292
	-0.001017	0.019840	-0.014673	0.031926	0.048454	0.018729
	0.081254	-0.010682	-0.007990	-0.021700	-0.028769	-0.033165
	0.130053	0.026637	0.079483	0.043660	-0.067136	-0.056476
	0.011742					
y717	-0.018386	0.008909	-0.010284	-0.012955	-0.005845	-0.014519
	0.026628	-0.011295	-0.005887	-0.021702	-0.026308	0.006789
	0.047239	-0.003358	0.023610	-0.020279	0.011760	-0.003129
	0.013675	-0.030268	-0.000805	-0.014106	0.029226	-0.020657
	-0.018692	0.003845	-0.033546	0.009369	0.010859	-0.026607
	-0.092531					
z717	0.000530	-0.030909	0.014016	0.001904	0.024820	0.018704
	0.011103	0.002328	-0.018576	-0.005561	0.030167	-0.013526
	0.005641	0.053352	-0.020515	0.006564	0.033469	0.007691
	0.127600	-0.012496	-0.015449	-0.031954	0.004738	-0.028663
	0.057259	-0.025005	0.013020	0.021520	-0.094643	-0.033867
	-0.031195					

Canonical Variate Analysis: CVA ...RawData_All

Dataset: RawData_All

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.63784396	55.260	55.260
2.	1.19094784	24.949	80.209
3.	0.94474754	19.791	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.3369		
marine	2.6234	4.0703	
polar	4.6819	4.1994	5.0052

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	<.0001		
marine	0.0472	0.0008	
polar	0.0133	0.4706	0.0266

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0728		
marine	0.0655	0.1043	
polar	0.1190	0.0998	0.1370

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0085		
marine	0.0877	<.0001	
polar	0.0518	0.0485	0.0245

Canonical coefficients:

	CV1	CV2	CV3
x1	-1.2209	1.7647	-0.1146
y1	-0.3670	-0.0380	-0.6065
z1	1.0992	0.8158	-0.7033
x2	-0.6473	-0.5731	-0.7753
y2	-1.9694	-0.1487	-2.8102
z2	-0.4110	1.5312	1.9821
x3	-0.8162	-1.1752	-0.6182
y3	-2.0040	0.0055	-2.4452
z3	-0.6705	1.0378	2.1804
x4	-1.0109	-1.9158	-0.5790
y4	-1.9536	0.1633	-2.3187
z4	-0.7893	0.7476	2.1621

x5	-1.1043	-2.6724	-0.6593
y5	-1.9104	0.3046	-2.3294
z5	-0.9425	0.5714	2.2636
x6	-1.0970	-2.5785	-0.5009
y6	-1.8340	0.3165	-2.4879
z6	-0.9914	0.1409	2.1431
x7	-1.0270	-2.4433	-0.5024
y7	-1.8665	0.0804	-2.5447
z7	-0.9157	-0.1036	1.9690
x8	-0.9868	-2.3365	-0.5168
y8	-1.7612	-0.2784	-2.6952
z8	-0.6022	-0.0189	1.6592
x9	-0.8855	-2.1223	-0.5768
y9	-1.4624	-0.5783	-3.0000
z9	-0.2526	0.1261	1.2665
x10	-1.0042	-2.3656	-0.6019
y10	-0.8653	-0.5319	-3.4535
z10	0.1016	0.0901	0.7813
x11	-1.0681	-2.4675	-0.3439
y11	-0.5238	-0.6610	-4.1190
z11	0.7639	0.1997	0.2471
x12	-0.9141	-1.8060	-0.0681
y12	-0.0134	0.0891	-4.2926
z12	0.7833	0.1806	0.3212
x13	-0.5833	-0.0712	0.5492
y13	0.2655	-0.0866	-4.4068
z13	0.8985	0.7064	0.4918
x14	-0.4712	0.6273	0.9749

y14	0.5385	0.2743	-4.3870
z14	0.9229	0.6914	0.5694
x15	-0.5166	0.5116	0.8869
y15	0.8015	1.0490	-4.2436
z15	0.7834	0.4408	0.5187
x16	-0.5048	0.8752	0.9508
y16	0.8527	1.1734	-4.1849
z16	0.6658	0.5009	0.5890
x17	-0.5110	1.0857	1.0892
y17	0.8008	1.2506	-4.0168
z17	0.5019	0.5425	0.7436
x18	-0.4315	0.5078	1.0617
y18	0.7357	1.8403	-3.6469
z18	0.3409	-0.0944	0.8584
x19	-0.7834	0.6828	1.1813
y19	0.6454	1.7493	-3.5283
z19	-0.4024	-0.0247	1.2944
x20	-0.6788	0.8178	1.1509
y20	0.3961	1.4482	-3.3208
z20	-0.6754	0.2731	1.6215
x21	-1.1310	0.9550	1.4860
y21	-0.1976	0.4624	-2.2950
z21	-0.2095	1.0607	1.2503
x22	-1.4302	0.6734	1.4551
y22	-0.7425	-0.2851	-1.7654
z22	0.2325	1.9987	0.7613
x23	-1.1444	1.3117	1.4286
y23	-0.5377	-0.4808	-1.4600

z23	0.6472	2.7034	0.4187
x24	-1.1053	1.3556	1.4809
y24	-0.4013	-0.5784	-1.3303
z24	0.6769	2.9352	0.3323
x25	-1.2360	1.3113	1.3982
y25	-0.8513	-1.0616	-1.1620
z25	0.5356	2.9269	0.5176
x26	-1.1460	1.0838	1.3325
y26	-0.7786	-1.1825	-1.1150
z26	0.0536	2.4413	0.8267
x27	-0.9650	1.2686	1.2254
y27	-0.4579	0.1716	-1.1407
z27	-0.4740	1.8528	1.3418
x28	-0.7455	0.9850	0.9135
y28	0.2846	1.3132	-1.5996
z28	-1.2744	0.9738	2.1206
x29	-0.5857	0.3190	0.5712
y29	0.5075	-0.4165	-2.2301
z29	-2.5596	-0.4267	2.8525
x30	-1.3377	0.1277	0.9773
y30	0.3379	-0.9461	-1.6588
z30	-2.5243	-0.8713	1.9126
x31	-1.9579	0.2247	1.3474
y31	-0.4574	-1.2488	-0.8697
z31	-2.5580	-1.7819	0.4811
x32	-2.2581	0.9144	1.7528
y32	-1.2896	-1.6204	-0.3380
z32	-2.0659	-1.9929	-0.6792

x33	-2.5755	0.6100	1.8716
y33	-1.5080	-1.1929	-0.0003
z33	-1.9525	-2.5054	-1.4402
x34	-2.5183	0.6550	1.9314
y34	-1.6432	-0.8908	0.1029
z34	-1.5920	-2.3087	-1.7268
x35	-2.1734	0.5584	1.7438
y35	-1.6765	-0.3816	0.1794
z35	-0.9252	-1.9389	-2.0162
x36	-1.8148	0.4949	1.4908
y36	-1.4235	0.4937	0.1264
z36	-0.8455	-1.5610	-1.9256
x37	-1.1349	0.6948	1.0311
y37	-1.1354	1.5875	0.1407
z37	-0.8556	-0.7272	-1.2770
x38	-0.2341	0.9815	0.3199
y38	-0.6271	2.6138	-0.2658
z38	-0.7891	-0.7064	-1.4137
x39	-0.3504	1.0863	-0.4591
y39	-0.9261	2.1036	-0.9306
z39	-0.8586	-0.4961	-0.9945
x40	-0.3902	1.2111	-0.9641
y40	-1.1634	1.8223	-1.5190
z40	-0.8277	0.1552	-0.5045
x41	-0.4541	1.1068	-1.1848
y41	-1.3199	1.5640	-2.0126
z41	-0.7347	0.5272	-0.0594
x42	-0.5437	1.1000	-1.3858

y42	-1.4950	1.2085	-2.4278
z42	-0.7132	0.5195	0.3033
x43	-0.6064	1.0176	-1.6128
y43	-1.6623	0.9695	-2.7821
z43	-0.7226	0.7075	0.6368
x44	-0.7332	0.6851	-1.7108
y44	-1.7840	0.7215	-2.9635
z44	-0.6611	0.9944	1.0576
x45	-0.8248	0.1660	-1.4081
y45	-1.8520	0.3501	-3.0618
z45	-0.5524	1.2378	1.3121
x46	-0.8193	-0.1924	-0.9033
y46	-1.9257	-0.0121	-3.1111
z46	-0.4642	1.3742	1.5969
x47	-0.2299	0.2727	-1.4823
y47	-2.7513	-0.9187	-1.0674
z47	-0.6841	-2.3032	-0.0640
x48	-0.1118	-0.0611	-1.8338
y48	-2.4475	-0.1207	-1.1450
z48	-0.4007	-1.7176	-0.3509
x49	-0.0191	-0.2778	-2.1219
y49	-2.2641	-0.1446	-1.4206
z49	-0.0692	-0.9711	-0.6380
x50	-0.0953	-0.6376	-2.2475
y50	-2.2805	0.1503	-1.7923
z50	0.4120	-0.4787	-0.8582
x51	-0.1031	-0.9044	-2.4088
y51	-2.3068	0.1445	-2.2992

z51	0.7939	-0.0248	-0.9859
x52	-0.1606	-1.1329	-2.4334
y52	-2.1489	0.3046	-2.7243
z52	1.0058	0.2767	-1.0700
x53	-0.2556	-1.3926	-2.3294
y53	-2.0003	0.2421	-3.3214
z53	1.1700	0.4430	-1.0452
x54	-0.3412	-1.6238	-2.2943
y54	-1.8402	0.2128	-3.8513
z54	1.1639	0.3720	-1.0752
x55	-0.4367	-1.8532	-2.0092
y55	-1.9520	-0.1961	-4.2319
z55	1.2926	0.1912	-0.9518
x56	-0.5721	-1.8893	-1.7477
y56	-1.8284	-0.5903	-4.7355
z56	1.1573	-0.2706	-0.9195
x57	-0.6110	-1.9448	-1.7717
y57	-1.5101	-0.5562	-4.7981
z57	1.2617	-0.2187	-0.9787
x58	-0.6941	-1.9113	-1.6400
y58	-1.2452	-0.7457	-5.0648
z58	1.3137	-0.0527	-0.8937
x59	-0.5810	-1.6665	-1.4960
y59	-1.3549	-1.1392	-5.1297
z59	1.5519	0.1133	-0.9277
x60	-0.5890	-1.3677	-1.2919
y60	-1.2061	-1.2157	-5.2644
z60	1.5699	0.2605	-0.7917

x61	-0.6922	-1.1665	-0.9855
y61	-1.0166	-1.2859	-5.5421
z61	1.3234	0.3465	-0.5067
x62	-0.7407	-1.0002	-0.7743
y62	-1.0669	-1.3468	-5.5886
z62	1.2272	0.0394	-0.4810
x63	-0.7138	-0.3442	-0.4377
y63	-1.1084	-1.4149	-5.7716
z63	1.0509	-0.1556	-0.3176
x64	-0.7743	0.1062	-0.0799
y64	-1.0741	-1.4834	-5.7230
z64	0.7025	0.1221	-0.3016
x65	-0.8009	0.7394	0.3166
y65	-1.1876	-1.6289	-5.8305
z65	0.3615	0.0580	-0.1597
x66	-0.6340	0.7241	0.2217
y66	-1.0637	-0.5107	-5.4773
z66	0.3195	-0.0981	-0.0398
x67	-0.4974	0.7349	0.2210
y67	-1.0214	0.0783	-5.2607
z67	0.2496	-0.0548	0.3645
x68	-0.4145	0.6509	0.1185
y68	-0.9629	0.3195	-5.0646
z68	0.1589	0.6032	0.7161
x69	-0.4692	0.5478	0.1937
y69	-0.8386	0.5473	-4.9229
z69	-0.0194	1.0814	1.2779
x70	-0.5486	0.5652	0.2446

y70	-0.8807	0.5592	-4.6628
z70	0.1470	1.5936	1.6452
x71	-0.7244	0.5604	0.4671
y71	-0.7901	0.5658	-4.4601
z71	-0.1342	1.7420	2.1325
x72	-0.9073	0.4973	0.5373
y72	-0.7739	0.2929	-4.1677
z72	-0.1836	1.6683	2.1784
x73	-1.0355	0.4677	0.6813
y73	-0.6938	-0.0322	-3.8751
z73	-0.1591	1.8193	2.3279
x74	-1.2765	0.4687	0.9037
y74	-0.6118	-0.5145	-3.6160
z74	-0.3071	1.7656	2.3858
x75	-1.4408	0.6290	0.8931
y75	-0.5940	-0.4717	-3.4129
z75	-0.5652	1.5337	2.5007
x76	-1.5112	0.9366	0.9400
y76	-0.5423	-0.3066	-3.0814
z76	-0.5233	1.3580	2.2839
x77	-1.6870	1.1537	0.9148
y77	-0.5278	-0.2450	-2.6991
z77	-0.0952	0.9992	2.0697
x78	-1.7427	1.2808	0.7509
y78	-0.5406	-0.1145	-2.2994
z78	-0.1528	0.9716	2.0177
x79	-1.6977	1.4348	0.7040
y79	-0.5892	-0.0055	-1.8399

z79	-0.4641	0.4458	1.8461
x80	-1.6425	1.3971	0.5792
y80	-0.6159	0.2609	-1.3932
z80	-0.4400	0.7360	1.4640
x81	-1.6668	1.4396	0.4384
y81	-0.7008	0.3788	-0.7825
z81	-0.0497	0.7877	1.0250
x82	-1.7285	1.4633	0.3119
y82	-0.7207	0.5137	-0.1720
z82	0.5747	0.8337	0.4650
x83	-1.5604	1.6012	-0.0160
y83	-0.7806	0.7033	0.6001
z83	0.7982	0.7441	0.3564
x84	-1.2052	-1.3675	1.3260
y84	2.1808	2.0953	1.5272
z84	1.3203	1.4407	0.3673
x85	-0.9941	-1.2066	0.9501
y85	2.2341	2.1268	1.3597
z85	1.3923	1.7912	0.5751
x86	-0.9352	-1.0290	0.7718
y86	2.2222	2.0471	1.3635
z86	1.6563	1.9418	0.3420
x87	-0.9150	-0.9003	0.8206
y87	2.1819	1.9474	1.4328
z87	1.8284	1.9845	-0.0528
x88	-0.8718	-0.6733	0.7707
y88	2.1310	1.7416	1.5291
z88	1.8947	2.0521	-0.1746

x89	-0.9153	-0.7600	0.5995
y89	2.0804	1.7293	1.6693
z89	1.9550	2.2686	-0.2987
x90	-0.9743	-0.4297	0.6620
y90	1.9680	1.3665	1.7375
z90	2.0016	2.5764	-0.5021
x91	-0.8453	-0.0753	0.4995
y91	1.8869	1.3332	1.9035
z91	1.8357	2.4875	-0.5674
x92	-0.9669	-0.5142	0.3064
y92	1.6895	1.1885	2.0471
z92	1.8375	3.0723	-0.6766
x93	-1.1192	-0.3607	0.3960
y93	1.4561	0.7882	2.1630
z93	1.6858	3.1200	-0.9246
x94	-1.1675	-0.5643	0.5980
y94	1.2375	0.8109	2.4356
z94	1.5885	3.1711	-1.2453
x95	-1.2720	-0.6969	0.5299
y95	1.0447	0.8103	2.6410
z95	1.5553	3.1326	-1.5051
x96	-1.2328	-0.4673	0.6092
y96	0.8004	0.6252	2.8148
z96	1.4927	2.9547	-1.7396
x97	-1.4630	-0.3507	0.9058
y97	0.6313	0.2785	2.9201
z97	1.4671	2.8513	-1.8747
x98	-1.3971	-0.4463	0.9190

y98	0.3906	0.1229	2.9776
z98	1.4151	2.6511	-1.9605
x99	-1.1162	0.0685	0.9916
y99	0.0695	-0.3929	2.9932
z99	1.4096	2.4622	-1.9976
x100	-1.1272	0.1713	1.1958
y100	-0.1181	-0.5849	2.9971
z100	1.3686	2.1883	-1.9814
x101	-1.0263	0.5353	1.3644
y101	-0.3559	-0.9881	2.9715
z101	1.3460	1.9577	-1.8606
x102	-0.9015	0.7419	1.6287
y102	-0.5789	-1.3287	2.7941
z102	1.3653	1.5534	-1.7113
x103	-0.9281	0.6255	1.9352
y103	-0.8076	-1.7496	2.4741
z103	1.2201	1.2657	-1.3713
x104	-1.1625	0.6145	2.2234
y104	-0.8308	-2.1745	2.0277
z104	0.9478	1.0229	-0.9573
x105	-1.2125	0.5222	2.2049
y105	-0.8711	-2.1681	1.7572
z105	0.8756	0.9469	-0.7465
x106	-1.3668	0.0096	1.9321
y106	-0.5930	-1.1772	1.7144
z106	0.6361	0.7222	-0.5851
x107	-1.3636	0.3884	1.7640
y107	-0.4677	-1.2003	1.3900

z107	0.4191	0.5985	-0.5253
x108	-1.3354	0.8796	1.4722
y108	-0.3654	-1.3819	1.1103
z108	0.3582	0.7447	-0.5845
x109	-1.2862	1.3217	1.0581
y109	0.0070	-1.0113	0.4073
z109	0.2927	0.8071	-0.3563
x110	-1.1016	2.1407	0.5513
y110	0.1799	-0.6780	0.2755
z110	0.3215	0.9676	-0.4316
x111	-0.9505	2.8583	-0.0640
y111	0.3445	-1.0036	-0.0515
z111	0.3713	1.4323	-0.5265
x112	-0.5391	2.3355	-0.8088
y112	0.2938	-1.0421	-0.1389
z112	0.5801	1.1293	-1.0683
x113	-0.3011	2.1905	-1.3027
y113	0.2036	-0.8726	0.1507
z113	0.7751	0.9585	-1.5391
x114	-0.1555	1.6931	-1.9267
y114	0.0569	-0.7670	-0.1000
z114	0.8427	0.8235	-1.9747
x115	-0.0056	1.2766	-2.3487
y115	0.0385	-0.8441	0.0342
z115	0.8804	0.7253	-2.3045
x116	0.1033	1.1071	-2.4199
y116	0.1307	-1.0449	0.5344
z116	0.9494	0.5787	-2.2144

x117	0.1720	0.8360	-2.5329
y117	0.1425	-0.8970	0.5836
z117	0.8989	0.8506	-2.6851
x118	0.0050	0.0085	-2.1759
y118	-0.1339	-1.7583	1.2273
z118	0.7045	-0.1257	-2.8526
x119	-0.3204	-0.2503	-1.3661
y119	-0.3570	-1.9961	2.1529
z119	0.3036	0.0623	-2.3932
x120	-0.5516	-0.4922	-0.6768
y120	-0.1807	-2.0296	3.0062
z120	0.1256	0.2440	-1.8672
x121	-0.3149	-0.2721	-0.4085
y121	-0.2494	-0.8650	3.2539
z121	-0.5143	-0.6996	-1.7656
x122	-0.1832	-0.0187	-0.2042
y122	-0.1878	0.1544	3.5213
z122	-0.8659	-0.7117	-1.0189
x123	-0.1245	0.1260	0.0447
y123	-0.0758	1.0381	3.5423
z123	-1.0328	-0.1049	-0.1796
x124	-0.1161	0.1366	0.2181
y124	0.0877	1.6209	3.5155
z124	-1.0286	-0.3812	0.1646
x125	-0.1753	0.0634	0.4161
y125	0.3374	1.9980	3.3769
z125	-0.9249	-0.4909	0.3233
x126	-0.2969	-0.0848	0.6582

y126	0.6480	2.2388	3.0929
z126	-0.4145	-0.3580	0.2669
x127	-0.5039	-0.3202	0.9752
y127	1.0823	2.3857	2.7083
z127	0.3067	-0.0833	0.1469
x128	-0.8511	-0.7230	1.3224
y128	1.6061	2.4327	2.2077
z128	0.9852	0.6863	-0.1053
x129	0.8089	0.0794	-0.0652
y129	1.3166	0.2423	0.0622
z129	1.1559	-0.0513	-0.3468
x130	0.8130	0.0697	-0.2430
y130	1.3709	0.5753	-0.0861
z130	1.4432	0.1281	-0.2592
x131	0.9023	0.1739	-0.2558
y131	1.7098	0.8092	0.1432
z131	1.7079	0.3836	-0.2849
x132	0.8831	0.0069	-0.4202
y132	1.9792	1.2175	0.1647
z132	1.8662	0.5489	-0.1479
x133	0.7710	-0.4093	-0.4805
y133	2.0739	1.0930	0.3358
z133	1.9537	0.6787	0.0604
x134	0.7208	-0.5586	-0.5366
y134	2.1491	1.0583	0.5311
z134	1.9256	0.5864	0.1026
x135	0.5750	-0.5238	-0.6366
y135	2.0736	1.2348	0.6918

z135	1.9091	0.5845	0.2379
x136	0.3794	-0.5470	-0.5641
y136	1.9807	1.3717	1.0490
z136	1.9095	0.6254	0.4902
x137	0.1636	-0.7687	-0.5025
y137	1.8194	1.2267	1.3534
z137	1.7534	0.4318	0.7209
x138	-0.1232	-0.8698	-0.0789
y138	1.5976	1.2377	1.9674
z138	1.5997	0.3689	0.8531
x139	-0.3101	-0.9873	0.1339
y139	1.5316	1.3663	2.3219
z139	1.5278	0.0080	0.3591
x140	-0.5984	-0.8407	0.2230
y140	1.4350	1.5842	2.5481
z140	1.4219	-0.2666	0.0777
x141	-0.6687	-1.0883	0.1570
y141	1.4051	1.4848	2.6084
z141	1.3436	-0.6620	-0.1278
x142	-0.8195	-1.2087	0.0577
y142	1.3235	1.3190	2.6951
z142	1.3976	-0.6815	-0.5308
x143	-0.9786	-0.9929	0.0529
y143	1.1590	1.2536	2.9479
z143	1.3008	-0.5785	-0.8017
x144	-1.1300	-0.9639	0.1430
y144	1.0282	1.0808	3.0390
z144	1.2781	-0.4294	-0.9685

x145	-0.9572	-0.6157	0.3604
y145	0.9608	1.1782	3.1625
z145	1.3168	-0.1049	-0.8721
x146	-0.8038	-0.1102	0.2011
y146	0.9030	0.7638	3.0286
z146	1.4365	0.1641	-1.1072
x147	-0.9720	0.0605	0.6145
y147	0.6263	0.3800	3.1011
z147	1.4280	0.4721	-1.0110
x148	-0.8660	0.5251	0.6120
y148	0.4571	0.1307	3.0107
z148	1.6657	0.8438	-1.1723
x149	-0.9566	0.6186	0.8761
y149	0.1787	-0.2095	3.0190
z149	1.7664	1.0284	-1.2230
x150	-1.1273	0.9304	1.1272
y150	-0.0413	-0.4517	3.0913
z150	1.7966	1.4583	-1.1136
x151	-1.3095	0.8669	1.4748
y151	-0.2600	-0.6463	3.0634
z151	1.8258	1.5211	-0.9440
x152	-1.3267	1.2047	1.6629
y152	-0.3959	-0.7780	3.0868
z152	1.8950	2.1320	-0.8965
x153	-1.5670	1.2121	2.0234
y153	-0.4782	-0.8025	3.1699
z153	1.8689	2.6557	-0.5777
x154	-1.6297	1.3700	2.2427

y154	-0.5713	-0.8531	3.1953
z154	1.9209	3.0180	-0.3882
x155	-1.8707	1.2535	2.4159
y155	-0.6793	-0.9830	3.1977
z155	1.7594	2.9543	-0.2930
x156	-1.8555	0.9777	2.4650
y156	-0.6297	-1.0988	3.0997
z156	1.5412	2.6734	0.1973
x157	-2.0131	1.0612	2.2312
y157	-0.5738	-0.6629	2.6220
z157	1.2737	2.3480	0.2643
x158	-2.1977	1.1830	1.9882
y158	-0.6169	-0.3381	2.2555
z158	0.9720	2.0070	0.5650
x159	-2.1721	1.3602	1.6438
y159	-0.6216	-0.0154	1.8967
z159	0.8419	2.0046	0.4352
x160	-2.0748	1.6128	1.2944
y160	-0.6254	0.1105	1.5717
z160	0.8613	1.9192	0.4345
x161	-1.9852	1.7162	1.0631
y161	-0.5778	0.3237	1.2555
z161	0.8384	1.8015	0.3445
x162	-1.7876	1.9946	0.8415
y162	-0.5453	0.3270	0.8177
z162	1.1327	1.5818	0.2072
x163	-1.7333	1.9687	0.7559
y163	-0.6193	0.4009	0.6779

z163	1.0868	1.5107	-0.2660
x164	-1.7256	2.0311	0.4846
y164	-0.6486	0.5868	0.6337
z164	0.9845	0.7968	-0.0359
x165	-1.5604	1.6012	-0.0160
y165	-0.7806	0.7033	0.6001
z165	0.7982	0.7441	0.3564
x166	0.0491	-1.2037	-0.0037
y166	1.4300	1.3444	-2.7490
z166	-0.1202	-0.6760	-0.5757
x167	-0.3126	-1.6385	0.6102
y167	1.3162	1.2226	-2.2284
z167	0.1210	-1.0402	-0.4751
x168	-0.7288	-1.8896	0.9542
y168	1.0461	1.3420	-1.6779
z168	0.3075	-0.3019	0.0194
x169	-0.9685	-2.1374	1.1258
y169	0.7148	1.4165	-1.4150
z169	0.3524	0.5867	0.2706
x170	-1.0857	-2.2154	1.3869
y170	0.4110	1.2695	-1.2552
z170	0.4370	0.6334	0.4210
x171	-1.1311	-2.0444	1.6512
y171	0.1332	1.1477	-1.0771
z171	0.4546	0.5479	0.4106
x172	-1.1258	-1.9615	1.7982
y172	-0.0790	1.0400	-0.8713
z172	0.4005	0.5360	0.5374

x173	-1.0264	-1.9459	1.7792
y173	-0.2506	0.8801	-0.7657
z173	0.4427	0.8901	0.7586
x174	-0.8725	-1.9075	1.7431
y174	-0.4455	0.6893	-0.6867
z174	0.5707	1.2173	0.8000
x175	-0.6194	-1.6353	1.5497
y175	-0.6430	0.4677	-0.5823
z175	0.6610	1.3174	0.9318
x176	-0.2078	-1.3806	1.5689
y176	-0.4800	0.5298	-0.7764
z176	0.4879	1.1148	0.9791
x177	0.0882	-1.2357	1.4663
y177	-0.3122	0.5900	-0.8729
z177	0.4695	1.1274	1.1220
x178	0.2329	-1.0757	1.2857
y178	-0.1457	0.5605	-0.8748
z178	0.5641	1.1717	1.3182
x179	0.2981	-0.9599	1.1538
y179	-0.0347	0.4884	-0.7675
z179	0.7694	1.2933	1.3657
x180	0.4273	-0.9556	1.1717
y180	0.0489	0.5774	-0.6780
z180	0.8333	1.4785	1.2373
x181	0.4371	-0.8874	0.9516
y181	0.1074	0.5975	-0.3916
z181	0.9679	1.5694	1.2894
x182	0.4063	-0.7130	0.6400

y182	0.1776	0.6401	-0.0374
z182	1.0312	1.5084	1.3202
x183	0.3919	-0.6815	0.3633
y183	0.1944	0.6971	0.3716
z183	1.1049	1.6524	1.3192
x184	0.8067	-0.6003	0.2119
y184	-0.9493	0.2961	-0.0171
z184	0.5451	1.7147	0.8689
x185	0.9694	-0.5970	-0.1702
y185	-1.2124	-0.1127	0.3546
z185	0.5414	1.1828	0.6173
x186	1.1398	-0.4949	-0.5192
y186	-1.3089	-0.4433	0.7103
z186	0.3954	0.7194	0.3479
x187	1.3278	-0.2262	-0.9191
y187	-1.4503	-0.7978	1.1269
z187	0.3105	0.5336	0.0863
x188	1.6093	0.1306	-1.4367
y188	-1.4399	-0.8751	1.1284
z188	0.2189	0.2839	0.2303
x189	1.8637	0.4153	-1.7969
y189	-1.4132	-1.1797	1.1642
z189	0.1615	0.3534	0.2376
x190	2.0617	0.5781	-2.0566
y190	-1.2620	-2.0917	1.2973
z190	0.0290	0.9784	0.1708
x191	2.2469	0.9929	-2.2195
y191	-1.0740	-1.5605	1.1523

z191	-0.0842	1.0688	0.3022
x192	2.3522	1.4610	-2.3978
y192	-0.7921	-1.5715	1.3852
z192	-0.2189	1.5845	0.2498
x193	2.3805	1.8833	-2.4211
y193	-0.5223	-1.1331	1.1956
z193	-0.3102	1.9521	0.2164
x194	2.1920	1.4501	-3.2986
y194	0.1285	-0.7417	1.3621
z194	-0.4526	2.0319	-0.2893
x195	1.9898	1.0781	-3.8763
y195	0.5154	-0.2289	1.4941
z195	-0.5651	1.9558	-0.6241
x196	1.6627	0.5260	-4.5161
y196	0.6403	-0.3664	0.9015
z196	-0.6248	1.6041	-0.8367
x197	1.4418	0.1577	-4.8856
y197	0.9213	-0.4432	0.3585
z197	-0.7526	0.8321	-0.9613
x198	1.1967	-0.1243	-4.9985
y198	1.4600	-0.1523	-0.1844
z198	-0.8286	0.2699	-0.9286
x199	0.8679	-0.4867	-4.8873
y199	1.8869	0.0731	-0.7512
z199	-0.7919	-0.3871	-0.9003
x200	0.4654	-1.0709	-4.4766
y200	1.7882	-0.0296	-1.2656
z200	-0.7574	-1.6518	-0.8621

x201	0.4195	-0.6968	-3.7073
y201	0.8946	-2.2865	-2.0365
z201	-0.7484	-2.9061	-0.6849
x202	0.0808	-1.1931	-2.9808
y202	0.4271	-3.0911	-2.5316
z202	-0.6398	-5.1207	-0.7079
x203	-0.3143	0.0985	-1.6185
y203	0.2811	-3.1638	-2.5102
z203	-1.0777	-5.5624	-0.8303
x204	-0.5685	2.0048	-0.5103
y204	0.2598	-2.6262	-2.1320
z204	-1.1919	-4.4406	-0.6224
x205	-0.8597	2.7341	0.2569
y205	0.2470	-1.9907	-1.6857
z205	-1.2506	-4.1303	-0.7552
x206	-1.2756	2.1963	0.6352
y206	0.1466	-1.6516	-1.3548
z206	-1.3958	-4.5431	-0.9802
x207	-1.3462	2.2935	0.9370
y207	-0.0237	-1.4708	-1.1032
z207	-1.3448	-4.3624	-1.0149
x208	-1.2952	2.7031	1.3049
y208	-0.1736	-1.1494	-0.7443
z208	-1.0831	-3.6826	-0.8377
x209	-1.3420	2.6932	0.9472
y209	-0.3743	-0.6534	-0.2737
z209	-0.9676	-3.0184	-1.0526
x210	-1.2867	1.9779	0.1675

y210	-0.6104	-0.1709	0.1558
z210	-0.8888	-2.5442	-1.3176
x211	-1.0239	0.8019	-0.6118
y211	-0.8009	-0.3476	0.9736
z211	-0.5345	-2.2440	-1.2445
x212	-0.8818	0.5296	-0.6022
y212	-0.7349	-0.1460	0.7909
z212	-0.5120	-1.9154	-1.4830
x213	-0.7650	0.3047	-0.5800
y213	-0.7255	-0.0190	0.5050
z213	-0.4520	-1.3698	-1.7414
x214	-0.6598	-0.0890	-0.6086
y214	-0.6711	0.0115	0.1251
z214	-0.4270	-0.9750	-2.0410
x215	-0.5194	-0.4350	-0.6191
y215	-0.4483	0.1305	-0.2434
z215	-0.3818	-0.7925	-2.1775
x216	-0.4812	-0.4228	-1.0998
y216	-0.2882	0.3170	-0.8311
z216	-0.4110	-0.9674	-2.2698
x217	-0.2927	-0.6128	-1.1008
y217	0.0786	0.5769	-1.4071
z217	-0.3257	-0.6556	-2.2100
x218	-0.2471	-0.8782	-1.1225
y218	0.3903	0.6373	-2.2111
z218	-0.4137	-2.2115	-2.4567
x219	-0.0610	-0.9614	-0.4281
y219	0.9137	1.0696	-2.4481

z219	-0.2304	-1.3550	-1.6789
x220	0.8347	-2.5729	-0.3074
y220	0.9444	2.0144	-0.8430
z220	-1.3612	-1.8083	0.2448
x221	0.4424	-3.5806	-0.1212
y221	0.7170	1.3949	-0.5527
z221	-1.3025	-1.5951	0.7591
x222	0.1850	-4.1705	-0.0330
y222	0.3662	0.5731	-0.2232
z222	-1.2507	-1.4859	1.2067
x223	0.0707	-4.4979	0.1217
y223	0.0022	0.0819	-0.1775
z223	-1.1400	-1.3034	1.4327
x224	-0.0396	-4.6962	0.4263
y224	-0.1974	-0.1553	-0.3801
z224	-0.9847	-1.1160	1.6403
x225	-0.1174	-4.6768	0.3540
y225	-0.2626	-0.1268	-0.2059
z225	-0.7628	-0.8529	1.6122
x226	0.0206	-4.3572	0.2705
y226	-0.4798	-0.1091	-0.0705
z226	-0.6365	-0.7550	1.6453
x227	0.0105	-3.9310	0.1604
y227	-0.3903	0.2932	0.0410
z227	-0.4534	-0.6674	1.6332
x228	0.2598	-2.8573	0.1094
y228	-0.4382	0.4668	0.0054
z228	-0.2866	-0.7600	1.5266

x229	0.4489	-2.1039	0.0311
y229	-0.3363	1.2936	-0.0987
z229	-0.0408	-0.5029	1.3329
x230	0.6148	-1.5455	0.3535
y230	-0.5762	1.1729	-0.0322
z230	0.1407	0.0185	1.2704
x231	0.6727	-0.9821	0.5715
y231	-0.6180	1.1228	0.0075
z231	0.2446	0.2918	1.1716
x232	0.7238	-0.7589	0.9479
y232	-0.5928	1.3388	-0.0671
z232	0.2982	0.6650	1.0524
x233	0.7985	-0.2419	0.9787
y233	-0.6476	1.3088	-0.0091
z233	0.2720	0.7014	0.9690
x234	0.7962	-0.2702	1.0007
y234	-0.5312	1.6372	0.1043
z234	0.1410	0.7261	0.8146
x235	0.9563	-0.0687	0.8217
y235	-0.5853	1.6807	0.2223
z235	-0.0131	0.5955	0.7694
x236	1.1139	-0.1669	0.5899
y236	-0.5509	1.8877	0.2880
z236	-0.0790	0.5506	0.7876
x237	1.1107	0.1589	0.5589
y237	-0.3607	1.9302	0.2840
z237	-0.1917	0.2441	0.6920
x238	1.4561	0.8142	0.3155

y238	-0.3115	2.1093	0.3336
z238	-0.4057	-0.3527	0.6012
x239	1.4109	0.7678	0.0193
y239	-0.4032	2.3150	0.0802
z239	-0.4984	-0.5795	0.2991
x240	1.5268	1.2248	-0.1188
y240	-0.4549	2.4465	-0.1156
z240	-0.6997	-1.0164	0.0316
x241	1.2379	0.9351	0.0206
y241	-0.3710	2.6038	-0.2704
z241	-0.8380	-1.3316	-0.3001
x242	1.2467	0.9710	0.0212
y242	-0.3600	2.4479	-0.2955
z242	-0.9192	-1.5052	-0.5328
x243	1.4707	1.7606	-0.0322
y243	-0.4161	2.2278	-0.3835
z243	-1.0191	-1.5922	-0.6232
x244	1.5291	1.8686	-0.0037
y244	-0.4491	1.8445	-0.3821
z244	-1.0621	-1.8577	-0.8025
x245	1.8902	2.0310	-0.0334
y245	-0.4629	1.2992	-0.0901
z245	-1.0553	-2.0630	-1.0680
x246	1.9041	2.4318	-0.1335
y246	-0.5495	0.7296	0.1958
z246	-1.0370	-2.1799	-1.1311
x247	2.1663	2.6266	-0.4662
y247	-0.4885	-0.0635	0.3575

z247	-0.9667	-2.1132	-1.2711
x248	2.2970	2.5216	-0.8924
y248	-0.0546	0.3465	0.6797
z248	-0.9286	-1.5106	-1.0120
x249	2.5581	2.5120	-1.4224
y249	0.4453	0.9588	0.9823
z249	-0.8084	-1.2471	-0.8567
x250	2.4070	2.0924	-1.6817
y250	0.7509	1.1716	1.2739
z250	-0.8450	-1.0533	-0.5996
x251	2.1607	1.5172	-1.7363
y251	1.0442	1.3614	1.5820
z251	-1.0137	-0.8246	-0.4314
x252	1.8988	1.4146	-2.1932
y252	1.2963	1.7798	1.4875
z252	-0.9170	-0.4096	-0.2114
x253	1.8659	1.0488	-2.7641
y253	1.7685	2.1649	1.2115
z253	-0.6368	-0.0773	-0.4646
x254	1.5834	1.2968	-3.0319
y254	2.1065	2.6618	1.0886
z254	-0.6299	0.2646	-0.2774
x255	1.1298	0.5346	-3.1537
y255	2.4086	2.7895	0.8638
z255	-0.6942	0.3531	-0.3118
x256	0.9189	-0.2421	-3.5331
y256	2.8554	2.8739	0.3725
z256	-0.6307	0.0271	-0.6696

x257	-2.4876	-1.5400	0.4776
y257	1.3608	-2.8242	-1.5466
z257	0.0900	-1.1635	-4.1549
x258	-2.2829	-1.5594	0.7074
y258	1.6794	-1.6987	-0.6472
z258	0.0847	-0.4542	-4.5761
x259	-2.8612	-2.1623	0.9261
y259	1.4211	-1.2941	0.1029
z259	0.0784	-0.1407	-4.8489
x260	-2.2065	-1.9074	0.6772
y260	1.6164	-0.5565	0.4832
z260	-0.0330	0.2398	-4.7957
x261	-1.6680	-1.7593	0.5680
y261	1.6670	-0.2868	0.9472
z261	-0.3945	0.5499	-4.3561
x262	-0.9513	-1.2861	0.0929
y262	2.0835	0.1813	0.8247
z262	-0.8852	0.8363	-3.6694
x263	-0.7973	-0.8652	-0.4165
y263	2.1420	0.6827	0.3408
z263	-1.3295	1.3095	-2.7741
x264	-1.0251	-0.6957	-0.6402
y264	1.8077	0.4661	-0.0370
z264	-1.7599	1.8222	-1.6641
x265	-1.3534	-0.2459	-0.8293
y265	1.2849	0.4785	-0.2530
z265	-2.2202	2.2938	-0.3395
x266	-1.7875	0.3890	-1.0442

y266	0.5867	0.1440	-0.2175
z266	-2.7638	2.6390	1.1582
x267	0.0390	1.1177	-3.0708
y267	0.9157	0.3976	-1.2119
z267	-5.0676	2.4297	4.3094
x268	-0.3548	0.9105	-1.9769
y268	0.1510	0.3023	-0.4283
z268	-5.8612	2.6356	5.3840
x269	-0.8808	0.3355	-0.9423
y269	-0.6974	0.5780	0.6740
z269	-6.0084	2.7840	5.5162
x270	-1.0014	-0.2076	-0.3160
y270	-1.3952	1.0606	1.6026
z270	-5.6573	2.9323	5.2139
x271	-1.1494	-0.7869	0.1071
y271	-1.4407	1.5026	1.9825
z271	-5.0833	2.8423	4.4796
x272	-1.1913	-1.2700	0.2113
y272	-1.0557	2.2367	2.1125
z272	-4.1785	2.6755	3.4946
x273	-1.2985	-1.4984	0.5170
y273	-0.4297	2.2563	1.5030
z273	-1.8939	3.0615	0.5965
x274	-1.0584	-1.9225	0.7679
y274	0.1502	2.2132	1.0954
z274	-1.5646	2.1211	0.6588
x275	-0.7210	-2.7177	0.1045
y275	0.9016	2.5177	0.9623

z275	-1.3673	1.4550	0.5199
x276	-0.2600	-2.6952	0.2046
y276	0.9068	2.4337	-0.7001
z276	-1.1855	1.9996	0.0771
x277	-0.4512	-3.3052	0.9211
y277	0.8345	2.1861	-1.7384
z277	-1.5002	1.8455	0.1053
x278	-0.6818	-3.2620	1.8692
y278	0.6434	2.6308	-1.9542
z278	-1.6335	2.2152	0.0744
x279	-0.7021	-3.7128	1.8052
y279	0.3664	2.2238	-2.7344
z279	-1.2942	2.7254	-0.6871
x280	-0.6826	-3.5804	2.3094
y280	0.2420	2.4842	-2.4246
z280	-1.0312	2.8201	-0.9337
x281	-0.6777	-3.5416	2.6323
y281	0.1121	2.6967	-1.9110
z281	-0.7632	2.8411	-1.2563
x282	-0.8053	-3.4465	3.2809
y282	-0.2398	3.0719	-0.5554
z282	-0.6056	2.4656	-1.1304
x283	-0.7696	-3.7858	3.5715
y283	-0.3548	3.1119	0.6254
z283	-0.3947	2.1348	-1.2320
x284	-0.6040	-3.8874	3.7361
y284	-0.2099	2.9882	1.7099
z284	0.2003	1.7451	-1.6434

x285	-0.4217	-3.3443	1.9808
y285	0.6100	2.4813	2.0620
z285	0.1192	1.7187	-0.3150
x286	-0.0741	-2.4902	0.6413
y286	1.3496	1.6229	1.7349
z286	0.0082	1.8153	0.8357
x287	-0.0575	-2.5601	-0.8620
y287	1.9931	1.7932	2.2143
z287	0.1765	1.6018	1.3067
x288	-0.1385	-2.1287	-1.6746
y288	2.2985	1.1302	1.6672
z288	0.8616	1.7421	0.8354
x289	-0.6596	-2.2424	-1.8452
y289	2.5966	1.0590	0.9084
z289	1.4620	1.8721	-0.0201
x290	-1.3108	-2.5053	-1.4756
y290	2.7986	0.5560	0.0540
z290	1.5881	1.5556	-0.6962
x291	-1.9658	-2.7952	-0.8051
y291	2.6884	-0.4752	-0.6456
z291	1.1266	0.4542	-1.6315
x292	-2.4871	-2.7055	-0.5415
y292	2.0611	-1.9214	-1.0685
z292	0.5266	-0.5942	-2.8027
x293	-0.2655	-2.2881	-4.0008
y293	-2.8227	-8.3670	1.0530
z293	2.5514	-1.0201	-2.5426
x294	-1.2678	-1.5985	-4.1095

y294	-1.1575	-8.2220	0.6152
z294	3.2510	1.0695	-2.3442
x295	-3.5284	-1.6486	-3.1236
y295	1.4694	-6.3219	-0.2004
z295	2.9178	3.9302	-0.9241
x296	-3.6081	-0.3843	-2.5458
y296	1.9896	-4.7436	-0.3298
z296	1.6698	4.6373	0.5721
x297	-3.6536	-0.1892	-3.2398
y297	2.2181	-3.0902	0.6909
z297	1.4142	5.6588	2.2372
x298	-3.4604	0.0256	-3.5234
y298	1.9748	-2.3902	1.0797
z298	0.9777	5.8340	2.8568
x299	-2.6540	-0.0659	-3.9285
y299	0.5452	-2.7030	1.7963
z299	-0.0805	5.5805	3.2059
x300	-2.1088	-0.3335	-4.2614
y300	0.9436	-3.6325	2.4091
z300	0.0837	4.1847	3.2669
x301	-2.0324	-1.4286	-2.7894
y301	0.8564	-1.8487	-4.3748
z301	-0.5696	4.3437	-0.5107
x302	-2.3198	-1.5408	-2.6470
y302	0.0735	-1.2034	-0.6956
z302	-0.2423	4.3001	0.5184
x303	-2.7024	-1.0518	-1.7683
y303	0.7983	0.6954	-1.1275

z303	0.1360	4.5834	0.3275
x304	-1.5000	-0.7787	-3.1715
y304	0.2733	1.0208	-0.5911
z304	-0.8289	3.2927	1.0162
x305	-1.5879	-0.8394	-2.4163
y305	0.0239	1.1006	-0.8420
z305	-1.3481	2.3826	1.1751
x306	-1.4107	-0.7356	-2.0345
y306	-0.2457	1.1629	-0.8246
z306	-1.6428	1.8803	1.2565
x307	-1.2057	-0.6172	-1.8942
y307	-0.4529	1.2990	-0.4645
z307	-1.7657	1.6479	1.4347
x308	-0.7607	-0.5500	-1.9655
y308	-0.9299	1.4770	0.2101
z308	-1.6582	1.9639	1.3982
x309	-0.2368	-0.3204	-2.0926
y309	-1.1418	1.8993	0.8066
z309	-0.8691	3.6433	0.7999
x310	-0.4071	-2.0559	-1.6808
y310	-0.3467	4.4504	0.7338
z310	0.0049	4.8849	0.1799
x311	-0.9087	-4.2365	-1.1236
y311	0.5964	6.2388	0.5558
z311	-0.1866	3.1069	-0.2891
x312	-0.5162	0.2041	-1.2576
y312	-0.7701	0.3050	-0.6553
z312	0.1645	-3.5161	2.9365

x313	-1.1447	0.4459	-1.0538
y313	-1.2063	0.1969	-0.1732
z313	-0.4878	-2.7358	2.3791
x314	-1.0972	1.0934	-1.3581
y314	-1.3014	0.4957	0.0324
z314	-1.4932	-2.0314	2.6645
x315	-1.3977	0.5774	-1.0311
y315	-0.9028	0.5554	-0.0374
z315	-1.3613	-0.5751	2.2761
x316	-1.2851	0.4570	-0.6840
y316	-0.6875	0.5396	-0.0824
z316	-1.3304	-0.0510	1.8811
x317	-0.8642	0.2203	-0.3777
y317	-0.3118	0.5697	-0.1479
z317	-1.3645	0.0779	1.3415
x318	-0.2413	0.5033	0.2421
y318	0.1095	1.1074	0.1090
z318	-0.7317	-0.3160	0.9011
x319	0.0052	0.6052	1.1307
y319	0.0768	1.5070	0.9067
z319	-0.1491	-1.1566	-0.3989
x320	0.9488	0.9121	0.7593
y320	1.0360	1.5784	0.7013
z320	-0.7361	-2.5233	-0.6082
x321	0.4481	-1.2845	1.2331
y321	0.1193	-0.1169	0.9245
z321	1.4532	0.5889	-0.6031
x322	1.8586	-0.9367	-0.7577

y322	1.2423	0.8422	-0.2052
z322	0.9617	0.0707	1.0174
x323	0.9265	-0.2763	1.1602
y323	1.0705	1.6392	0.4470
z323	1.2495	0.2614	1.5040
x324	1.1943	-0.1611	0.7241
y324	1.3208	2.1299	0.0660
z324	1.5473	0.2033	1.7730
x325	1.2216	-0.1320	0.6466
y325	1.4759	2.5418	-0.2096
z325	1.6921	0.2127	1.8599
x326	1.0623	-0.4901	0.5148
y326	1.5038	2.7651	-0.5645
z326	1.6912	0.1301	1.8182
x327	0.9464	-0.7961	-0.2089
y327	1.5594	3.1098	-1.1437
z327	1.3855	-0.3048	1.5839
x328	1.1072	-0.6211	-0.5291
y328	1.8043	3.7455	-1.5669
z328	0.7368	-0.7768	0.9742
x329	1.9510	-0.4797	-0.5603
y329	2.2686	4.2136	-2.0219
z329	0.0442	-1.0229	0.2510
x330	2.3608	-0.8043	-0.3626
y330	2.1449	3.6346	-2.6238
z330	0.0114	-1.6231	-0.3405
x331	1.9554	1.0784	-1.6343
y331	-0.8149	-1.1662	1.3093

z331	-2.3475	-0.5662	4.2105
x332	1.4830	0.5417	-0.9263
y332	-0.2488	-0.0925	1.0058
z332	-2.3639	-0.9796	3.9504
x333	0.9290	-0.5583	-0.6960
y333	0.1606	2.5250	0.7572
z333	-1.9901	0.3665	3.1448
x334	0.3360	-0.5374	-0.7975
y334	0.6966	3.7869	0.9386
z334	-1.7990	2.3020	2.3885
x335	0.3633	0.5549	-0.7977
y335	0.6286	2.5156	1.1753
z335	-1.4380	3.2435	2.3532
x336	0.2960	0.9016	-0.8721
y336	0.7024	1.3852	1.5065
z336	-1.2021	3.1970	2.3409
x337	0.4138	0.6504	-0.8985
y337	0.7639	0.7463	1.4200
z337	-0.8858	2.7585	2.0240
x338	1.1807	0.9316	-0.9316
y338	-0.0779	-0.2334	1.3996
z338	-0.3480	2.7834	1.4885
x339	1.4902	1.3652	-0.9650
y339	-0.1861	-0.8288	1.3480
z339	0.6537	3.2402	0.8073
x340	1.2179	0.8342	-2.1221
y340	0.0768	-0.6118	2.3310
z340	1.1279	2.4156	-0.8849

x341	1.0107	1.1069	-1.6540
y341	0.0648	-0.8812	1.6836
z341	1.1017	2.5278	-1.5827
x342	1.1123	1.5327	-1.5968
y342	-0.1295	-1.4038	1.8500
z342	0.9474	2.6140	-1.8231
x343	1.1114	1.8662	-1.4826
y343	-0.2658	-2.0620	1.7183
z343	0.8223	2.6115	-2.2059
x344	1.0399	1.8303	-1.4569
y344	-0.3323	-2.1566	1.8755
z344	0.6998	2.7205	-2.4196
x345	0.9151	1.7370	-1.2502
y345	-0.2763	-2.7130	1.6943
z345	0.5354	2.3974	-2.6011
x346	0.7127	1.3121	-0.9316
y346	-0.1092	-2.9133	1.8251
z346	0.3282	2.0309	-2.3555
x347	0.4035	0.5309	-0.3694
y347	0.0270	-3.0742	1.5821
z347	0.0080	1.4807	-2.1942
x348	0.0914	-0.3591	-0.0646
y348	0.2885	-2.8774	0.9797
z348	-0.1139	1.3270	-2.5771
x349	-0.2028	-1.3678	-0.0327
y349	0.6331	-2.3546	0.6910
z349	-0.3220	1.3068	-2.6442
x350	0.0834	0.4805	-0.2027

y350	0.3977	-1.4690	0.3541
z350	0.4687	0.6569	1.5358
x351	0.4675	0.4037	0.5108
y351	0.4697	-1.5004	-0.1906
z351	2.0396	1.0925	0.9108
x352	0.6889	0.1315	0.7231
y352	0.1900	-1.7353	0.1631
z352	2.3354	0.8707	1.4729
x353	0.9027	0.0078	0.6524
y353	-0.2001	-2.0255	0.5232
z353	2.5337	0.7771	1.5659
x354	0.9498	-0.0617	0.7914
y354	0.1697	-1.8953	0.0662
z354	2.9651	0.8847	1.2515
x355	0.9083	-0.0829	0.8017
y355	0.9715	-1.5999	-0.3846
z355	3.1304	0.9559	0.8351
x356	0.7609	-0.1964	0.7211
y356	2.0316	-1.0666	-1.0690
z356	2.7565	0.7195	0.5512
x357	0.6706	-0.0818	0.6222
y357	2.5332	-0.7506	-1.8384
z357	2.0383	1.0920	0.6202
x358	0.6506	-0.3988	0.1580
y358	2.8653	0.4622	-2.3263
z358	1.3134	1.7077	1.0311
x359	0.6255	-1.1873	-0.2404
y359	3.5990	1.6028	-3.3931

z359	0.5646	0.9654	0.9775
x360	-0.6621	0.3016	2.2608
y360	-0.3975	-0.7781	-0.6260
z360	0.8717	-0.2427	-0.2754
x361	-0.6335	1.0288	2.1582
y361	-0.8910	-0.3949	-0.1420
z361	0.7227	-1.0233	-1.5006
x362	-0.6603	1.4990	1.9745
y362	-1.2898	-0.3483	0.0710
z362	0.5485	-1.0120	-1.9841
x363	-0.5477	1.2878	1.7828
y363	-1.4350	-0.5870	0.2577
z363	0.3554	-0.4729	-2.4008
x364	-0.6897	1.0206	1.6952
y364	-1.6824	-0.7539	0.5641
z364	0.4248	-0.2265	-2.7721
x365	-0.6339	0.9225	1.8946
y365	-1.7513	-0.7762	0.9001
z365	0.3916	-0.0342	-2.9992
x366	-0.4880	0.9908	2.0438
y366	-1.6650	-0.7315	1.1195
z366	0.3456	0.1731	-2.9444
x367	-0.5825	0.7477	2.4415
y367	-1.5925	-0.9468	1.2519
z367	0.4133	0.5797	-2.4107
x368	-0.6415	-0.1515	2.3070
y368	-1.3624	-1.3562	1.0195
z368	0.4899	1.1813	-1.6295

x369	-0.6759	-1.7107	2.1865
y369	-1.0660	-1.7628	0.7938
z369	0.6052	1.0177	-0.8904
x370	-0.8680	-0.9677	1.3954
y370	-0.9549	-1.0237	0.5031
z370	0.1010	-2.5792	0.3299
x371	-0.4942	-0.8232	0.7414
y371	-1.2202	-0.6176	1.1331
z371	0.4296	-1.6800	-1.4487
x372	-0.3465	-0.6372	0.5764
y372	-1.1863	-0.7452	1.0380
z372	0.6633	-0.8818	-2.8730
x373	-0.2167	-0.4109	0.1231
y373	-0.9609	-0.6872	1.2844
z373	0.8945	-0.0539	-3.9616
x374	0.0548	-0.0347	-0.2817
y374	-1.3482	-1.5598	1.8228
z374	1.0414	0.4732	-4.5522
x375	0.1746	-0.0606	-0.3829
y375	-1.8864	-2.2921	2.2401
z375	0.9967	0.6668	-4.6625
x376	0.0493	-0.4426	-0.2199
y376	-2.2236	-2.3826	2.4901
z376	0.6672	0.7434	-4.3474
x377	-0.4841	-1.2481	0.0471
y377	-1.6348	-2.0712	2.6803
z377	0.3629	0.6405	-3.6395
x378	-1.0071	-2.2453	0.4117

y378	-0.6630	-1.4190	2.8174
z378	0.3039	0.4705	-2.3961
x379	-1.2826	-3.2023	0.5553
y379	0.0280	-0.8488	2.1983
z379	0.6233	-0.0791	-1.3215
x380	-0.8478	-4.8128	-1.1841
y380	10.0479	6.7636	-2.2343
z380	-7.4633	-8.0851	3.3484
x381	0.6890	-0.7324	-0.6460
y381	2.7808	-3.9690	-4.4450
z381	-1.6999	-2.8950	-0.5352
x382	-0.3462	-1.3419	-0.8026
y382	5.2101	3.5120	-5.5226
z382	-1.0611	-4.3838	-4.7235
x383	-1.1415	-1.0140	-0.1222
y383	2.9894	2.5198	-5.7135
z383	0.4384	-5.9120	-4.5298
x384	-2.7371	-2.3632	-0.9034
y384	0.5810	0.5676	-5.0097
z384	0.6279	-7.6386	-5.1864
x385	-3.8046	-1.1879	0.1054
y385	0.9810	1.7220	1.8810
z385	0.4877	-8.2952	-8.6519
x386	-4.2015	-3.1544	-0.1118
y386	-0.6658	-3.0989	0.4379
z386	1.6411	-4.5589	-7.5462
x387	-3.6549	-4.8030	-0.0379
y387	0.3563	-7.1987	-0.3476

z387	0.5894	-2.3033	-7.0523
x388	-3.1639	-3.3995	0.7957
y388	1.2399	-5.8164	-3.4928
z388	0.0130	-5.7089	-4.7289
x389	-2.4051	-3.3178	1.3414
y389	1.4583	-6.7658	-3.3764
z389	0.3052	-5.7451	-2.7633
x390	-1.2292	-1.6097	2.2795
y390	1.2737	-5.7463	-3.2069
z390	0.8673	-5.5758	-3.4473
x391	-0.5920	-0.4687	3.0544
y391	1.5504	-4.4980	-1.5263
z391	0.6518	-6.0936	-4.5095
x392	0.2057	0.5847	3.3929
y392	1.0395	-3.5847	-0.1825
z392	0.9909	-5.8832	-5.1524
x393	0.6515	1.2968	3.3501
y393	0.0850	-4.1225	0.9753
z393	1.2858	-4.7466	-5.3682
x394	0.8786	2.0922	3.1012
y394	-0.6535	-3.4526	1.7728
z394	1.4103	-4.8099	-4.9507
x395	0.7553	2.2787	2.6763
y395	-0.9298	-1.5507	2.3827
z395	1.3917	-4.9624	-4.2446
x396	0.0904	1.7914	2.3560
y396	-1.3580	-0.7245	2.3001
z396	1.2523	-4.0021	-3.0594

x397	-0.3706	1.8046	1.3205
y397	-2.8003	-2.2593	2.7114
z397	1.4917	-2.7843	-2.0301
x398	-1.1507	1.5178	0.3870
y398	-4.0436	-2.4853	2.4006
z398	1.5883	-1.8625	-0.7294
x399	0.4783	3.7910	-0.2727
y399	-3.4555	-1.9886	1.6335
z399	0.9639	-1.3492	0.2312
x400	1.3009	3.5484	-0.3174
y400	-2.5839	-0.0318	0.0683
z400	-0.2345	-3.0998	0.3687
x401	2.7609	6.5495	-0.1716
y401	-2.7270	-1.2444	-1.1583
z401	-0.4483	-0.8803	1.1163
x402	3.8457	7.2877	-0.0511
y402	-1.7439	-0.2214	-1.1646
z402	-1.1588	-2.0061	1.5975
x403	4.4569	7.5279	-0.0471
y403	-1.2124	0.5391	-1.4023
z403	-1.3785	-1.1294	2.0359
x404	4.1219	6.8950	0.2540
y404	-0.5085	1.2032	-1.5665
z404	-2.0583	-2.7128	1.6681
x405	3.8541	6.1944	0.5903
y405	0.4468	2.4802	-1.3576
z405	-1.6558	-2.2401	1.5342
x406	2.9772	3.5770	0.1495

y406	1.3893	2.8522	-0.8348
z406	-1.8400	-4.3034	0.9178
x407	2.1800	0.7195	0.2409
y407	2.3881	3.9067	0.0435
z407	-1.7617	-5.7923	0.0687
x408	1.8369	1.0870	0.3578
y408	1.6134	3.7081	1.4183
z408	-0.9288	-3.0639	1.0416
x409	1.1796	1.5813	0.2145
y409	0.3385	3.3788	2.1742
z409	-0.6627	-1.9284	1.5348
x410	1.0863	1.7435	-0.1607
y410	-0.4300	2.4197	2.7347
z410	-0.7668	-4.3769	1.2663
x411	1.3163	2.2903	-0.6748
y411	-0.4304	2.9013	2.8425
z411	-0.7510	-1.9818	2.2421
x412	1.3509	2.3738	-1.1243
y412	-0.5346	2.5219	2.4051
z412	-0.6202	-1.0101	2.5498
x413	1.2836	2.5067	-1.4705
y413	-0.3165	2.9001	1.8206
z413	-0.9534	-0.6951	2.7376
x414	1.3425	2.5899	-1.1205
y414	-0.2124	2.1453	2.0639
z414	-0.8011	-0.1792	2.8513
x415	1.4712	2.8677	-0.8834
y415	-0.1329	0.5132	1.2923

z415	-1.2366	-1.9572	2.5960
x416	1.7475	2.9968	-0.8278
y416	0.8393	2.0969	1.0846
z416	-1.3034	-0.7218	3.0909
x417	0.5455	2.4711	0.0170
y417	0.6215	2.4796	1.3595
z417	-1.3782	-1.6529	3.3835
x418	-0.5272	1.6339	0.7197
y418	0.8147	3.4826	1.2066
z418	-1.3216	-1.9558	2.8696
x419	-1.2382	0.8174	1.2064
y419	0.5679	3.6915	1.4976
z419	-1.2223	-2.0173	2.8946
x420	-1.3040	0.7801	1.1269
y420	0.0696	3.2075	1.9287
z420	-1.8307	-3.4212	3.0519
x421	-1.7685	0.0306	1.5146
y421	0.3314	3.0685	2.1141
z421	-0.9333	-3.1789	2.2170
x422	-1.4457	-0.1255	1.4433
y422	0.2414	2.6970	2.4040
z422	-0.9333	-3.8954	1.9331
x423	-0.7061	-0.3444	0.9138
y423	0.0313	1.9252	2.9169
z423	-1.5359	-3.9314	1.5299
x424	-0.1953	-0.8931	0.4382
y424	0.3048	1.4588	3.4895
z424	-0.4988	-2.7707	0.9542

x425	0.8065	-1.6300	-0.4204
y425	0.3129	0.4535	4.2621
z425	-0.0834	-1.8124	1.4612
x426	1.5446	-1.1273	-0.4537
y426	1.0110	-0.0948	2.2443
z426	-0.6732	-0.4269	2.3978
x427	1.6749	-0.9679	-0.2428
y427	1.4489	-0.9556	0.7044
z427	0.1242	0.3394	3.2086
x428	2.0268	-0.5743	-0.3074
y428	1.9070	-1.6322	-0.7177
z428	-1.0200	-1.0849	4.9750
x429	2.0593	-0.4500	0.2168
y429	2.1726	-2.0060	-1.6111
z429	-1.1336	-1.3269	5.1670
x430	1.7930	-0.3472	0.7596
y430	1.8657	-2.5431	-2.5778
z430	-1.2056	-1.6773	4.8399
x431	1.4723	-0.2646	1.3536
y431	2.1992	-1.9908	-2.7971
z431	-1.9600	-2.9714	4.9632
x432	0.8317	-0.6056	1.9077
y432	2.4413	-1.8276	-3.3344
z432	-2.6527	-3.8828	4.6645
x433	-0.2187	-0.6820	2.8432
y433	2.7681	-2.6253	-4.1537
z433	-2.6012	-3.3825	4.0379
x434	-1.4471	-0.6714	4.3230

y434	0.9557	-1.8596	-1.6133
z434	-1.2460	-3.7214	1.8387
x435	0.6232	1.3288	4.7433
y435	-0.7762	-1.8072	1.5318
z435	2.7072	-0.4594	-0.4114
x436	0.4125	2.6823	6.6700
y436	-0.2825	-1.4586	1.4329
z436	3.0800	1.1262	0.2112
x437	0.1183	2.0252	6.4712
y437	0.3854	0.0474	1.8841
z437	1.8331	-1.1753	1.3667
x438	0.4426	2.8578	5.7598
y438	-0.0376	-0.5009	2.7920
z438	2.1668	0.2547	1.0805
x439	1.1014	3.8579	4.9177
y439	-0.1601	-0.2835	3.3532
z439	2.4509	1.1725	1.1484
x440	1.5977	4.0740	4.4052
y440	-0.9623	-0.2484	3.8360
z440	1.3352	-0.7151	0.9962
x441	1.6295	2.3744	4.6616
y441	-1.3889	-0.7652	3.9329
z441	0.1132	-3.8650	3.3211
x442	1.5771	5.2304	4.9378
y442	-1.0742	0.4326	3.6363
z442	-1.1444	-1.4540	4.7160
x443	2.9515	5.3970	1.3670
y443	-1.7237	0.4834	2.6062

z443	-1.4491	-2.4341	4.0998
x444	1.5608	3.2165	2.3564
y444	-0.8736	4.0774	2.4561
z444	0.4024	2.2654	1.6761
x445	0.3527	2.6897	4.0829
y445	-2.4622	5.1126	4.2437
z445	1.3285	4.3479	2.8858
x446	-0.5150	1.4651	5.0317
y446	-2.1954	5.5432	1.8872
z446	1.2706	6.4579	4.3498
x447	-0.1083	-0.4239	4.0096
y447	-1.2879	5.1109	-0.8720
z447	1.4538	1.6700	0.7162
x448	-0.6047	-1.7066	5.0827
y448	-0.6382	5.6343	-1.6805
z448	1.2291	0.8991	1.1064
x449	-0.4687	-1.7362	5.9902
y449	-0.5211	5.6241	-2.2243
z449	0.9742	0.1162	0.9567
x450	0.6601	-0.7048	4.9623
y450	-2.4167	3.1348	-1.3239
z450	0.9060	-0.6691	0.0516
x451	3.0326	0.7461	1.3455
y451	-2.6009	0.0137	-0.6537
z451	2.6849	-0.2323	-3.4844
x452	3.7643	1.7000	-0.8354
y452	-1.2508	-0.3828	-3.7657
z452	3.0779	0.5990	-5.3556

x453	7.5343	2.7404	0.3061
y453	-0.6905	0.1803	1.6986
z453	7.9184	-3.5103	-5.6159
x454	7.4972	1.9964	-0.0178
y454	0.1000	0.6332	1.0051
z454	6.9894	-3.1263	-5.6501
x455	7.4081	2.3248	-1.5277
y455	0.4983	0.3610	0.7757
z455	6.1076	-2.2522	-5.1194
x456	6.5989	1.9433	-3.0971
y456	1.1550	0.5098	0.7593
z456	4.7796	-4.2076	-3.6240
x457	6.1139	2.0662	-3.5381
y457	0.9987	-0.3448	0.6533
z457	4.1230	-3.0397	-1.9448
x458	5.0894	1.9472	-3.7373
y458	0.7067	-1.2678	0.6418
z458	2.8053	-2.7731	-0.7205
x459	3.9686	1.5947	-4.2890
y459	0.3323	-2.4563	0.6471
z459	2.2012	-2.3015	-1.1933
x460	2.7793	0.6923	-4.2799
y460	-0.5846	-4.6127	0.6261
z460	2.3022	-2.0235	-1.5492
x461	1.5952	0.0999	-4.3588
y461	-1.6483	-6.9164	0.7518
z461	2.6287	-0.4445	-2.0844
x462	-0.2655	-2.2881	-4.0008

y462	-2.8227	-8.3670	1.0530
z462	2.5514	-1.0201	-2.5426
x463	-1.3850	-3.7829	-3.9643
y463	-3.7616	-8.0236	-0.1339
z463	0.9062	-4.7281	-1.9473
x464	-1.3234	-3.2308	-3.9812
y464	-4.7731	-7.8849	-1.0329
z464	0.8380	-5.2512	-1.3152
x465	-1.5370	-3.2423	-3.6346
y465	-5.2014	-7.3404	-1.8122
z465	0.1941	-6.4068	-0.2447
x466	-1.4287	-2.4730	-3.3737
y466	-5.5039	-6.8068	-1.9525
z466	0.4249	-5.3977	1.0875
x467	-1.6151	-1.6645	-3.3318
y467	-4.7676	-5.8011	-2.1936
z467	0.0865	-5.0416	1.3226
x468	-1.2258	-1.4719	-2.9028
y468	-4.8617	-4.8908	-1.9095
z468	0.2807	-5.3957	1.8885
x469	-1.1872	-0.7151	-2.3915
y469	-3.6518	-3.5234	-1.8826
z469	0.1214	-4.5444	2.2844
x470	-0.5606	0.0677	-1.5586
y470	-2.4136	-2.0070	-1.5919
z470	0.5470	-3.8350	2.9318
x471	-0.5162	0.2041	-1.2576
y471	-0.7701	0.3050	-0.6553

z471	0.1645	-3.5161	2.9365
x472	0.0314	1.6137	-1.5521
y472	-1.2524	0.4953	-0.3510
z472	0.4993	-0.4274	2.8019
x473	0.3756	-0.0029	-2.4685
y473	-1.5284	0.4382	-0.3275
z473	0.7441	-0.7540	1.9217
x474	0.2154	-0.3766	-2.1500
y474	-1.4791	0.7560	-0.3610
z474	-0.3967	-0.6739	3.1237
x475	0.3530	-1.2597	-2.3484
y475	-1.5621	0.5507	-0.3151
z475	-0.8688	-1.0575	3.5121
x476	0.5234	-1.5797	-2.3795
y476	-1.7167	0.3709	0.0429
z476	-0.8924	-0.5209	4.0140
x477	0.9232	-1.0454	-2.2848
y477	-1.4467	0.1357	0.2501
z477	-1.4340	-0.3891	4.2552
x478	1.1334	-0.6906	-2.0879
y478	-1.3868	-0.1754	0.5233
z478	-1.8837	-0.4316	4.3336
x479	1.9289	0.1022	-1.9869
y479	-1.0536	-1.1083	0.7187
z479	-1.5388	-0.8666	4.0109
x480	1.9554	1.0784	-1.6343
y480	-0.8149	-1.1662	1.3093
z480	-2.3475	-0.5662	4.2105

x481	0.7148	0.3236	-0.6204
y481	-0.6580	-1.2745	1.1860
z481	-2.0653	-1.3060	3.7033
x482	0.0724	0.3384	-0.1984
y482	-0.4270	-0.5436	1.1667
z482	-1.5969	-0.2951	2.9608
x483	-0.6753	-0.0549	0.5356
y483	-0.3792	-0.7033	1.2082
z483	-1.5098	-0.6906	2.8161
x484	-1.2409	-0.6019	1.2049
y484	-0.3494	-1.0401	1.0984
z484	-1.6810	-1.5867	3.0159
x485	-1.7475	-1.0444	1.5787
y485	-0.6567	-1.3027	1.2143
z485	-1.9261	-2.0771	3.2706
x486	-1.0887	-0.6910	1.6415
y486	-0.7809	-1.4352	1.3449
z486	-0.5704	-1.1779	3.1376
x487	-0.7990	-0.8769	1.5283
y487	-1.0210	-1.6419	1.3678
z487	-0.2699	-0.7900	3.4537
x488	-0.4354	-1.3867	0.7709
y488	-1.4483	-2.0967	1.4568
z488	-0.2068	-0.6272	3.5144
x489	0.5803	-1.4208	0.1016
y489	-2.0112	-2.8491	1.3949
z489	0.4276	-0.4664	3.3647
x490	0.6634	-1.0653	0.1218

y490	-1.6205	-3.2008	1.2676
z490	-0.5933	-1.2337	3.6833
x491	0.8134	-0.5008	-0.0138
y491	-1.2081	-3.2334	1.1033
z491	-1.0268	-1.2587	3.6389
x492	1.0712	-0.0392	-0.1568
y492	-0.6842	-3.2263	0.9417
z492	-1.2490	-1.2893	3.8463
x493	1.2949	0.2881	-0.2294
y493	-0.1667	-3.1787	0.9290
z493	-0.8335	-1.1497	4.1117
x494	1.2631	0.4991	-0.2076
y494	0.1346	-2.8722	0.6295
z494	-0.7320	-0.6595	3.7188
x495	1.1464	0.6092	-0.2397
y495	0.3034	-2.6415	0.5447
z495	-0.4844	-0.2710	3.4449
x496	0.9655	0.7599	-0.4298
y496	0.4627	-2.2543	0.3544
z496	-0.0055	0.3916	2.6134
x497	0.5711	0.6597	-0.4418
y497	0.4574	-2.1170	0.1420
z497	0.2130	-0.1274	1.4619
x498	0.0834	0.4805	-0.2027
y498	0.3977	-1.4690	0.3541
z498	0.4687	0.6569	1.5358
x499	0.9185	1.7125	0.3482
y499	0.3766	-2.1333	0.0127

z499	1.3948	1.3412	0.8336
x500	1.4902	2.4873	0.8165
y500	0.1994	-2.6549	-0.1546
z500	1.3778	1.1818	0.7450
x501	1.8107	3.0283	1.1891
y501	0.0539	-3.2191	-0.3309
z501	1.5053	1.9068	1.0835
x502	1.9936	3.3683	1.5283
y502	-0.1153	-3.4516	-0.4777
z502	1.2961	1.0625	0.7736
x503	1.9489	3.3819	1.8363
y503	-0.1913	-3.2507	-0.5600
z503	0.8828	0.1732	0.5577
x504	1.6922	3.0841	2.0141
y504	-0.2553	-3.0015	-0.6018
z504	0.7713	0.0573	0.1549
x505	1.0885	2.3597	2.1027
y505	-0.2776	-2.2753	-0.6431
z505	0.7767	-0.4622	0.1512
x506	0.2327	1.4218	2.2736
y506	-0.4371	-1.6708	-0.5476
z506	1.0764	-0.4201	-0.4499
x507	-0.6621	0.3016	2.2608
y507	-0.3975	-0.7781	-0.6260
z507	0.8717	-0.2427	-0.2754
x508	-0.4436	-0.1427	1.8300
y508	-0.3668	-1.4064	-0.0211
z508	0.4256	-1.8515	-0.5059

x509	-0.2997	-0.6165	1.4597
y509	-0.4960	-1.8633	0.4726
z509	0.4741	-2.1659	-0.3234
x510	-0.1999	-0.9405	1.2086
y510	-0.7288	-2.3547	0.8364
z510	0.6622	-2.1875	-0.1592
x511	-0.1261	-1.1477	1.0075
y511	-0.7678	-2.4786	1.1284
z511	0.5612	-2.7365	-0.2182
x512	-0.2305	-1.2636	0.9378
y512	-0.7954	-2.5618	1.2438
z512	0.3848	-3.0459	-0.2049
x513	-0.2550	-1.1674	1.0151
y513	-0.8506	-2.5117	1.1354
z513	0.4032	-2.8965	0.0607
x514	-0.3864	-1.0733	1.1102
y514	-0.9436	-2.4318	0.9265
z514	0.3467	-2.7204	0.0783
x515	-0.5277	-0.9982	1.3234
y515	-0.9872	-1.8585	0.6640
z515	0.3390	-2.6778	0.3267
x516	-0.8680	-0.9677	1.3954
y516	-0.9549	-1.0237	0.5031
z516	0.1010	-2.5792	0.3299
x517	-0.8491	-0.9726	1.5752
y517	-1.4940	-0.6010	0.3994
z517	0.3314	-0.2426	0.6903
x518	-0.6001	-0.7475	1.6885

y518	-1.7123	-0.1978	-0.0735
z518	0.6190	1.5902	0.4481
x519	-0.4709	-0.6345	1.4828
y519	-1.7347	-0.3037	-0.6385
z519	0.7427	2.5595	-0.0801
x520	-0.8544	-0.7648	2.0960
y520	-1.9717	-0.4936	-0.7742
z520	0.7001	3.0734	-0.2826
x521	-0.8905	-0.2442	1.7724
y521	-2.0207	-0.5448	-1.3472
z521	0.7803	3.5815	-0.9929
x522	-0.7799	-0.4562	0.9520
y522	-1.9509	-0.5348	-2.1799
z522	0.6825	2.8252	-2.0604
x523	0.7679	0.3133	0.4714
y523	-2.2218	-1.1303	-3.0212
z523	1.0390	1.8196	-3.2523
x524	3.2641	1.9992	-0.0175
y524	-2.6218	-1.4159	-2.5659
z524	2.2535	1.5852	-4.5156
x525	3.7643	1.7000	-0.8354
y525	-1.2508	-0.3828	-3.7657
z525	3.0779	0.5990	-5.3556
x526	3.7521	4.4305	-1.7578
y526	1.7769	-0.6224	-3.0243
z526	-1.2591	1.8808	1.9401
x527	3.1864	3.3424	-1.5885
y527	1.9527	0.3271	-2.9249

z527	-2.3086	0.3903	3.0470
x528	2.5670	2.2279	-1.2137
y528	1.9083	1.3186	-2.3632
z528	-3.0212	-0.4082	4.0011
x529	1.3504	0.8736	-0.5733
y529	1.4325	1.7773	-1.6612
z529	-3.2996	-0.9433	4.3917
x530	1.0928	0.6655	-0.2847
y530	1.2962	2.3878	-1.1509
z530	-3.5113	-1.4618	4.5468
x531	0.8164	-0.0494	0.1793
y531	1.1514	2.5341	-0.6445
z531	-3.2665	-1.3179	4.3010
x532	0.9933	0.2109	0.0916
y532	1.0964	2.8214	-0.4106
z532	-2.9700	-1.3894	3.8260
x533	1.1471	0.2688	-0.1047
y533	0.9140	2.7252	-0.2425
z533	-2.2713	-0.8287	3.1000
x534	1.5001	0.4665	-0.6165
y534	0.7978	2.4762	-0.1415
z534	-1.3429	0.0159	2.1636
x535	2.2507	1.2468	-1.2350
y535	0.7008	2.2513	-0.1234
z535	-0.4040	0.7273	0.9094
x536	2.3012	1.3044	-1.9181
y536	0.0684	1.1084	-0.0087
z536	-0.4058	0.7199	0.2045

x537	2.5774	1.5584	-2.5593
y537	-0.4194	0.2164	0.0677
z537	-0.8157	0.2254	-0.3423
x538	2.7436	1.7286	-2.9837
y538	-0.8421	-0.3922	0.2510
z538	-0.9052	0.1304	-0.8112
x539	2.8636	1.7945	-3.3146
y539	-1.2645	-0.7787	0.4609
z539	-0.7768	0.1214	-0.9206
x540	3.0963	1.7761	-3.4301
y540	-1.6241	-1.0804	0.7173
z540	-0.9605	0.1738	-1.0553
x541	3.4121	1.7100	-3.4529
y541	-1.8892	-1.2123	0.9883
z541	-1.2650	0.3240	-1.0236
x542	3.8445	1.9006	-3.2740
y542	-2.0465	-0.8971	1.3088
z542	-1.5921	-0.0344	-0.8935
x543	4.3798	2.1521	-2.7425
y543	-2.0747	-0.2532	1.7798
z543	-1.8864	-0.2647	-0.7000
x544	4.4066	1.6680	-2.3647
y544	-2.4175	0.0528	2.0395
z544	-1.9401	0.2106	-0.1385
x545	4.8836	2.5290	-2.1387
y545	-2.4113	0.6353	1.8962
z545	-2.8530	-0.4990	0.8176
x546	5.6501	3.4789	-1.5214

y546	-1.7996	1.0355	1.9579
z546	-3.9187	-0.8355	1.2061
x547	5.5155	3.9127	-1.2788
y547	-1.6501	1.2871	1.5738
z547	-4.5252	-1.3618	1.6355
x548	5.3491	4.4235	-1.0637
y548	-1.3468	1.6037	0.9113
z548	-4.9187	-1.8988	1.8445
x549	5.0260	4.7028	-0.5504
y549	-0.9294	1.7147	0.3602
z549	-5.2271	-2.4878	1.5892
x550	4.3408	4.7586	-0.0008
y550	-0.5288	1.6444	-0.2559
z550	-5.2882	-3.0530	1.0585
x551	3.5421	5.0912	0.6595
y551	-0.0154	1.7452	-1.1950
z551	-5.2136	-3.6131	0.2397
x552	2.4685	5.2159	1.6895
y552	0.5020	1.6889	-1.8134
z552	-5.0390	-4.3253	-1.0845
x553	1.3748	5.6229	3.1703
y553	1.0406	2.0112	-1.8358
z553	-4.6657	-5.1762	-2.8605
x554	0.9397	4.5420	3.2041
y554	1.4626	3.4648	-1.3748
z554	-4.5809	-3.7884	-2.7010
x555	0.4666	3.2506	3.1371
y555	1.6539	3.6843	-1.0361

z555	-4.4244	-2.3492	-2.5230
x556	0.0924	2.1861	2.9394
y556	1.6436	4.0717	-0.5771
z556	-4.1638	-1.1660	-2.2146
x557	-0.1900	1.3556	2.5912
y557	1.1917	3.4311	-0.4023
z557	-3.8724	-0.1861	-1.8353
x558	-0.5044	0.6839	1.9793
y558	1.0860	3.1694	-0.0761
z558	-3.5267	0.5965	-1.3884
x559	-0.8294	0.1015	1.1970
y559	0.9793	3.0201	0.1096
z559	-3.1414	1.1443	-0.8079
x560	-1.0133	-0.2298	0.1893
y560	0.5527	2.2758	0.2140
z560	-2.7035	1.4459	-0.0756
x561	-1.1807	-0.4392	-0.8789
y561	0.1325	1.7389	-0.0527
z561	-2.2076	1.6196	0.6890
x562	-1.3269	-0.6840	-1.9211
y562	-0.3235	1.2429	-0.7038
z562	-1.7178	1.7415	1.3277
x563	-0.3758	0.2235	-1.6137
y563	-0.6502	0.7277	-0.3493
z563	-2.1881	0.9291	1.5693
x564	0.3897	0.8335	-1.2033
y564	-0.5581	0.6440	-0.0845
z564	-2.4114	0.2474	1.5863

x565	0.6786	0.8864	-0.7606
y565	-0.1403	0.9082	0.1849
z565	-2.1442	0.0497	1.5295
x566	0.9195	1.2071	-0.9749
y566	0.1040	0.9342	0.6766
z566	-1.8416	-0.3226	1.7631
x567	1.0727	1.3123	-0.6906
y567	0.3469	1.1156	0.6969
z567	-1.3688	-0.4837	1.8003
x568	0.9083	0.7311	-0.3346
y568	0.5903	1.4143	0.6258
z568	-0.6624	-0.2663	1.6905
x569	1.2059	1.0420	-0.1873
y569	0.7982	1.7700	0.4237
z569	-0.1276	-0.4796	1.8135
x570	1.3013	0.4685	0.4316
y570	1.1369	2.2393	0.1374
z570	0.7023	-0.2306	1.8198
x571	1.1263	-0.2272	0.6785
y571	1.4820	2.6817	-0.3361
z571	1.7344	0.2012	1.8335
x572	1.0690	-0.5519	-0.1111
y572	0.7340	2.3572	0.7220
z572	2.0862	0.7159	1.0669
x573	1.1238	-1.2093	-0.5413
y573	0.2476	1.7085	1.7798
z573	2.2095	1.1278	0.3108
x574	0.9903	-1.7108	-1.1816

y574	-0.2487	0.9580	2.3115
z574	2.2071	1.4230	-0.2730
x575	1.0159	-1.4996	-1.6314
y575	-0.5104	0.6848	2.7341
z575	2.1064	1.6084	-0.7380
x576	1.1463	-1.4190	-2.3177
y576	-0.5321	0.0021	2.3321
z576	1.9701	1.7808	-1.2572
x577	1.2022	-1.0030	-2.4803
y577	-0.4742	-0.6253	2.1172
z577	1.7576	1.9165	-1.8147
x578	1.1883	-0.2742	-2.3051
y578	-0.8099	-1.6540	2.1628
z578	1.5040	2.1255	-2.2827
x579	1.0964	0.7303	-1.8720
y579	-0.6035	-2.8678	1.8055
z579	1.0620	1.9291	-2.5533
x580	0.9780	1.7959	-1.3541
y580	-0.3162	-2.3826	1.7551
z580	0.6314	2.6225	-2.5427
x581	1.2040	1.8158	-0.3803
y581	0.0021	-3.0166	1.2783
z581	0.7770	1.8641	-1.4804
x582	1.2629	1.3365	0.2729
y582	0.5698	-2.5526	1.2172
z582	0.9909	1.4413	-0.5759
x583	1.1603	0.7099	0.9304
y583	1.0814	-1.8423	1.0711

z583	1.0880	1.1183	0.1447
x584	1.2216	0.2972	1.1469
y584	1.2434	-1.3557	1.2449
z584	1.0270	0.8566	1.0434
x585	1.2121	0.0152	1.6839
y585	1.3237	-1.0193	1.0831
z585	1.0571	0.2052	1.3732
x586	1.3329	-0.1134	1.6097
y586	1.1482	-0.6135	1.2695
z586	0.8596	-0.5944	1.9657
x587	1.5532	-0.4151	1.3812
y587	0.7592	-0.1362	1.4424
z587	0.6538	-0.8696	2.4272
x588	1.7171	-0.9949	1.1478
y588	0.2553	0.2078	1.3892
z588	0.3797	-1.0096	2.7492
x589	2.0398	-1.2167	1.1507
y589	-0.2831	0.6102	1.5887
z589	-0.4688	-1.9841	2.2263
x590	1.6522	-1.5754	1.7840
y590	-0.1504	0.2881	1.8356
z590	-0.9840	-1.6830	2.7544
x591	1.4826	-2.2521	1.4394
y591	0.1080	-0.2669	1.7520
z591	-1.3940	-1.1619	3.3209
x592	1.3077	-2.7052	1.2546
y592	0.3596	-0.7846	1.5504
z592	-1.4548	-0.7764	3.5562

x593	1.0765	-2.7694	1.3943
y593	0.5016	-0.8331	1.4000
z593	-1.2465	-0.4922	3.5187
x594	0.9402	-2.9360	1.3213
y594	0.5735	-1.4666	1.0107
z594	-0.8446	-0.1791	3.3118
x595	0.9022	-2.6837	1.1672
y595	0.8934	-1.6269	0.6149
z595	-0.2772	0.0894	3.0325
x596	0.8781	-2.2231	1.0216
y596	0.9396	-1.6928	-0.0063
z596	0.6253	0.4169	2.4562
x597	0.8821	-1.2861	0.8951
y597	0.8640	-1.9866	-0.1393
z597	1.8943	0.6490	1.7166
x598	0.9215	-0.1227	0.8646
y598	0.4282	-1.6987	-0.2291
z598	3.0912	0.9752	1.0413
x599	0.4466	-0.1466	1.2410
y599	-0.1254	-2.4253	0.1118
z599	3.0997	0.8047	0.8667
x600	-0.0240	-0.3275	1.5923
y600	-0.7065	-2.7754	0.5828
z600	2.9525	0.7610	0.6484
x601	-0.3706	-0.3067	1.7998
y601	-1.2236	-3.1304	0.8513
z601	2.5833	0.4360	0.2634
x602	-0.5479	0.0220	1.7484

y602	-1.6747	-3.4076	1.1581
z602	2.2089	0.2468	-0.0287
x603	-0.8216	0.2338	1.8152
y603	-1.8073	-3.2811	1.2102
z603	2.0144	0.1809	-0.5072
x604	-0.5469	0.9258	1.5973
y604	-2.0583	-3.1538	1.2736
z604	1.5553	-0.0882	-1.0597
x605	-0.5624	0.6237	1.6976
y605	-2.0430	-2.5144	1.0685
z605	1.3124	0.1478	-1.6735
x606	-0.7370	0.8751	1.6996
y606	-1.9764	-1.7696	0.9659
z606	0.9343	0.0875	-2.2749
x607	-0.6902	1.0361	1.8365
y607	-1.7508	-0.7833	0.7539
z607	0.4074	-0.2578	-2.9591
x608	-0.5363	1.4408	1.7138
y608	-1.9454	-1.3262	0.7934
z608	0.0070	0.4220	-3.1410
x609	-0.3256	2.0902	1.7626
y609	-2.0913	-1.6202	0.9468
z609	-0.2809	0.4117	-3.5089
x610	-0.0626	2.4532	1.5606
y610	-2.0230	-1.7895	0.8770
z610	-0.5378	0.3027	-3.7762
x611	0.1796	2.5624	1.5354
y611	-1.9093	-1.7618	1.1325

z611	-0.6274	0.2874	-4.0477
x612	0.3007	2.3910	1.3702
y612	-1.8104	-1.8008	1.3811
z612	-0.5769	0.2524	-4.2877
x613	0.3061	2.0896	1.0874
y613	-1.9524	-1.6728	1.8824
z613	-0.3843	0.3057	-4.4601
x614	0.3456	1.6362	0.6001
y614	-1.6411	-1.2474	1.9613
z614	-0.0542	0.4832	-4.5523
x615	0.2809	0.8966	0.1105
y615	-1.5898	-1.3543	2.0327
z615	0.4440	0.6686	-4.5976
x616	0.1230	0.0483	-0.3719
y616	-1.5034	-2.0396	1.9949
z616	1.0494	0.5802	-4.6718
x617	-0.3201	-0.7024	-0.5053
y617	-1.8697	-2.5954	2.1503
z617	1.3879	1.4123	-3.0701
x618	-0.4730	-0.9437	-0.4484
y618	-2.3049	-3.6411	2.2658
z618	1.7475	1.9702	-1.7745
x619	-0.6318	-0.9094	-0.8299
y619	-2.3484	-4.5080	2.1356
z619	2.4083	2.4065	-0.6241
x620	-0.1668	-0.2856	-1.0202
y620	-3.0539	-5.7329	1.3544
z620	1.6543	1.0473	-0.4442

x621	-0.0358	-0.2045	-1.2855
y621	-2.8725	-5.6330	0.4702
z621	2.1533	0.9500	-0.6272
x622	0.2713	-0.1060	-1.7643
y622	-2.4924	-4.7841	-0.6664
z622	2.8532	0.8732	-1.0914
x623	1.2858	0.9734	-1.7077
y623	-2.5286	-3.7988	-1.9522
z623	3.8342	0.8385	-2.4206
x624	3.7288	3.2744	-0.8505
y624	-2.3695	-2.1475	-3.4047
z624	2.9603	-0.5710	-3.5064
x625	3.7880	1.7406	-0.8527
y625	-1.1161	-0.1513	-3.8641
z625	2.5294	-0.3436	-4.9549
x626	-0.0857	-6.1015	-7.2841
y626	-0.7741	0.3670	-0.1428
z626	0.1815	0.9384	-0.3583
x627	0.2486	-3.9552	-5.4195
y627	-0.2059	-1.0818	-0.1130
z627	-0.3744	-0.4624	0.2521
x628	-0.1551	-1.9852	-3.9672
y628	-0.0969	-1.7125	-0.6026
z628	-0.4266	-0.6703	0.6286
x629	-0.6412	-0.4601	-2.9098
y629	-0.0059	-1.9515	-1.0672
z629	-0.5793	-0.5939	0.8522
x630	-1.0673	0.4001	-1.7334

y630	0.1771	-2.0741	-1.5811
z630	-0.8969	-0.6577	0.9768
x631	-1.5243	0.6537	-0.8479
y631	0.8324	-2.0024	-1.8629
z631	-0.9072	-1.3793	1.1330
x632	-1.9843	0.5698	-0.2220
y632	1.6429	-1.2001	-2.3480
z632	-0.8531	-1.5849	1.0144
x633	-2.5338	-0.2553	0.2093
y633	2.4439	-0.4267	-2.8910
z633	-0.9071	-2.6252	0.7811
x634	-3.0556	-1.2247	0.5383
y634	3.4746	1.2448	-3.3272
z634	-0.6828	-2.1984	0.9613
x635	-3.6977	-2.4147	0.5778
y635	4.4984	3.2294	-3.9788
z635	-0.3176	-1.2046	0.5872
x636	-3.2329	-2.1924	-0.1602
y636	4.3537	4.4092	-2.8441
z636	-0.0874	-0.0125	0.0649
x637	-2.7848	-1.7703	-0.6269
y637	4.0947	5.3475	-1.8284
z637	-0.1360	0.9848	-0.2268
x638	-2.1695	-0.6982	-0.8250
y638	3.6860	5.8303	-1.0905
z638	-0.1886	2.2080	-0.4147
x639	-1.9517	-0.7613	-1.4678
y639	3.4223	6.3732	-0.2790

z639	-0.6805	2.0154	-0.9373
x640	-1.4043	-0.1267	-1.4951
y640	3.0139	6.5248	0.2997
z640	-1.1121	2.1060	-0.9763
x641	-1.0583	-0.1831	-1.4568
y641	2.5592	6.5050	0.6683
z641	-2.0412	1.1678	-1.2588
x642	-0.2833	0.9053	-1.0623
y642	2.0499	5.9923	0.8512
z642	-2.8271	0.8716	-1.3618
x643	0.6657	1.3807	-0.5498
y643	1.4210	5.2569	0.7879
z643	-3.7219	-0.4408	-1.4620
x644	1.9493	2.9199	0.1399
y644	0.6511	4.2388	0.6050
z644	-4.4330	-1.2476	-1.2419
x645	1.1008	0.5232	0.0325
y645	0.2865	4.7663	0.6081
z645	-2.7765	0.6708	-1.0759
x646	0.1441	-1.5418	-0.2853
y646	0.2151	5.4198	0.5838
z646	-1.6710	1.8941	-0.9422
x647	-0.6004	-3.1228	-0.7726
y647	0.3013	5.9349	0.6294
z647	-0.9991	2.4591	-0.9095
x648	-0.8417	-3.8571	-1.1812
y648	0.5278	6.1866	0.5718
z648	-0.3843	2.8824	-0.7715

x649	-0.7966	-4.3262	-1.2680
y649	0.7423	6.2297	0.4766
z649	-0.0203	3.0085	-0.1174
x650	-0.4115	-4.3651	-1.3862
y650	1.0978	6.1248	0.2187
z650	0.0681	2.2785	0.4617
x651	0.1544	-3.8497	-1.5367
y651	1.5907	5.9067	-0.1573
z651	-0.2441	1.5275	0.9109
x652	1.1382	-2.8984	-1.7463
y652	2.1570	5.5255	-0.6305
z652	-0.7204	0.2206	1.3601
x653	2.5204	-1.0678	-1.9455
y653	2.8681	4.8671	-1.1727
z653	-1.2821	-1.2228	1.8818
x654	2.7674	-0.8824	-1.7105
y654	2.6907	4.7276	-1.7746
z654	-0.8775	-1.7143	1.4042
x655	2.7677	-1.0892	-1.3333
y655	2.5585	4.6898	-2.2352
z655	-0.5488	-2.4501	0.8799
x656	2.6246	-0.9069	-0.9263
y656	2.4473	4.3809	-2.5521
z656	-0.5711	-2.3923	0.4953
x657	2.4972	-0.7730	-0.5591
y657	2.2330	3.8555	-2.6702
z657	-0.1544	-2.0718	-0.0745
x658	2.1242	-0.8179	-0.2095

y658	1.9889	3.2277	-2.5930
z658	0.1257	-1.7567	-0.7554
x659	1.7117	-0.6665	0.3982
y659	1.7590	2.5071	-2.2897
z659	0.5178	-0.6719	-1.1248
x660	0.8470	-1.1593	0.9207
y660	1.4592	1.5402	-1.8620
z660	0.4510	-0.5662	-1.7478
x661	0.0490	-1.7398	1.3585
y661	1.1978	0.4746	-1.3523
z661	0.6081	-0.2616	-2.5035
x662	-0.8264	-2.0771	1.9105
y662	0.9461	-0.6304	-0.6465
z662	0.8041	0.7080	-3.0519
x663	-0.6837	-2.0842	1.2755
y663	0.8715	-1.5460	-0.6310
z663	0.1963	0.3949	-3.2545
x664	-0.3904	-1.7394	0.6845
y664	0.8459	-1.9643	-0.4788
z664	0.0472	0.8646	-3.4204
x665	-0.0978	-1.2584	0.2281
y665	0.8316	-2.1868	-0.1017
z665	0.0907	1.5065	-3.2970
x666	-0.2000	-1.4670	-0.0767
y666	0.6592	-2.4696	0.3512
z666	-0.3094	1.0847	-3.0711
x667	-0.2087	-1.4873	-0.0105
y667	0.5496	-2.3027	1.0247

z667	-0.3671	1.0428	-2.3096
x668	-0.2498	-1.7375	-0.0747
y668	0.4060	-1.8947	1.7295
z668	-0.3448	0.3903	-1.8192
x669	-0.2123	-1.9741	-0.1693
y669	0.2101	-1.1885	2.6504
z669	0.0344	0.1037	-1.2904
x670	-0.2403	-1.8843	-0.2173
y670	-0.0288	-0.2167	3.7096
z670	0.4644	0.2662	-0.6644
x671	-0.2978	-2.1116	-0.5845
y671	-0.1933	1.0247	4.6768
z671	0.9792	-0.2696	-0.7634
x672	0.2150	-1.4112	-1.3173
y672	0.7255	1.0276	4.0621
z672	1.1043	0.1046	-0.2769
x673	0.3264	-1.1795	-2.0517
y673	1.5076	1.0008	3.3982
z673	0.4301	-0.3214	-0.0507
x674	0.3574	-0.6081	-2.2748
y674	2.1019	0.9267	2.6715
z674	-0.4307	-0.1896	0.5438
x675	0.4277	-0.9236	-2.3612
y675	2.6288	1.0689	1.9894
z675	-0.8104	-1.1594	0.9377
x676	0.5761	-0.6534	-2.1962
y676	3.0397	1.1049	1.0812
z676	-0.6625	-0.6207	1.1477

x677	0.5577	-0.6474	-1.9559
y677	3.3109	1.1679	0.0501
z677	-0.6362	-0.2871	1.1473
x678	0.5030	-0.5910	-1.5971
y678	3.4600	1.2521	-1.0354
z678	-0.6567	0.3347	0.9899
x679	0.5582	-0.8384	-0.8544
y679	3.6054	1.4228	-2.2013
z679	-0.2454	0.5510	1.2471
x680	0.6255	-1.1873	-0.2404
y680	3.5990	1.6028	-3.3931
z680	0.5646	0.9654	0.9775
x681	0.4341	-1.4909	0.0711
y681	3.6495	1.1472	-4.0314
z681	0.7840	1.3041	1.0595
x682	0.2043	-1.8161	0.2955
y682	3.5574	0.6775	-4.4023
z682	0.8678	1.2198	0.8645
x683	0.0287	-2.0455	0.4718
y683	3.2799	0.2249	-4.4651
z683	0.8470	1.1038	0.5312
x684	-0.0253	-2.1178	0.6151
y684	2.8323	-0.2462	-4.2258
z684	1.2228	1.2764	0.0877
x685	-0.1044	-2.1303	0.8384
y685	2.2921	-0.6505	-3.7521
z685	1.2550	1.1902	-0.1688
x686	-0.2788	-2.2372	1.0260

y686	1.6553	-0.9508	-2.9999
z686	1.2025	1.0961	-0.5414
x687	-0.4411	-2.1392	1.2699
y687	0.9088	-1.2524	-2.0056
z687	0.9662	1.1154	-0.8118
x688	-0.3563	-1.7957	1.6819
y688	-0.0707	-1.5808	-0.7376
z688	1.2403	1.4198	-0.9071
x689	-0.6759	-1.7107	2.1865
y689	-1.0660	-1.7628	0.7938
z689	0.6052	1.0177	-0.8904
x690	-0.9086	-1.9050	2.8291
y690	-0.4494	-1.4919	0.5078
z690	0.8117	1.3873	-1.3299
x691	-1.1950	-2.3654	3.2269
y691	0.0940	-1.2251	0.3383
z691	0.7678	1.2297	-1.7771
x692	-1.3437	-2.7067	3.3231
y692	0.4774	-0.9931	0.2520
z692	0.8810	1.0796	-2.2286
x693	-1.5301	-2.9425	3.4234
y693	0.7139	-0.8572	0.2981
z693	0.8300	1.0258	-2.2708
x694	-1.6318	-3.0228	3.3122
y694	0.7950	-0.7629	0.4988
z694	0.8285	1.0418	-2.2630
x695	-1.5426	-3.0379	2.9944
y695	0.8290	-0.6470	0.7903

z695	0.9243	1.0004	-2.0933
x696	-1.5238	-2.9885	2.4949
y696	0.6700	-0.7053	1.2209
z696	0.8395	1.0450	-1.7625
x697	-1.4279	-3.0226	1.6916
y697	0.3916	-0.8087	1.6643
z697	0.7647	0.7158	-1.4613
x698	-1.2826	-3.2023	0.5553
y698	0.0280	-0.8488	2.1983
z698	0.6233	-0.0791	-1.3215
x699	-1.2443	-2.9880	-0.3931
y699	0.5048	0.3190	2.3677
z699	1.1108	0.2135	-0.6802
x700	-1.3048	-2.9841	-1.0115
y700	0.7597	1.2340	2.4286
z700	1.2229	0.2496	-0.0730
x701	-1.3103	-2.9246	-1.5379
y701	0.9377	1.8859	2.2633
z701	1.1143	-0.0006	0.2013
x702	-1.1184	-2.6023	-1.8761
y702	1.0988	2.3595	1.8868
z702	1.0834	0.0650	0.3776
x703	-0.6291	-2.0308	-2.0291
y703	1.2227	2.6313	1.2343
z703	1.1706	0.2440	0.3909
x704	0.1661	-1.1156	-1.9599
y704	1.3042	2.5471	0.0887
z704	1.4460	0.6277	0.1307

x705	1.2165	-0.2190	-1.4491
y705	0.9925	1.5970	-1.8711
z705	1.8859	0.7535	-0.5677
x706	2.8499	1.0543	-1.1787
y706	-0.3412	0.1258	-3.6185
z706	2.4867	0.2335	-2.7995
x707	3.7880	1.7406	-0.8527
y707	-1.1161	-0.1513	-3.8641
z707	2.5294	-0.3436	-4.9549
x708	-3.7865	-0.7373	0.6327
y708	-0.5962	0.7654	1.3032
z708	-2.4305	-3.2133	-1.8595
x709	-3.4635	1.2445	0.4193
y709	-0.4721	-0.5819	0.5256
z709	-2.6705	-5.2024	-3.4924
x710	-3.6263	2.8598	0.1221
y710	-0.3259	-1.8821	0.0015
z710	-2.5245	-1.8815	-3.0886
x711	-4.4017	2.9214	-0.0597
y711	-0.2591	-2.2889	-0.0723
z711	-2.1378	-0.3028	-3.0117
x712	-4.5411	3.9451	-0.2339
y712	-0.3552	-2.8415	0.0199
z712	-2.2441	0.6480	-2.5838
x713	-5.2200	4.9925	0.0488
y713	-0.5825	-3.8512	0.2105
z713	-2.0964	1.0727	-2.0431
x714	-6.6355	5.5465	1.3753

y714	-1.1274	-4.9078	0.8898
z714	-0.6866	2.1117	-3.2551
x715	-8.7355	4.5047	1.7465
y715	-0.0405	-4.1886	0.5339
z715	-2.1990	1.9244	-0.2621
x716	-10.5505	4.0329	3.2180
y716	-1.1226	-5.4461	1.6537
z716	-2.8411	1.9964	0.9063
x717	-8.5819	6.7848	2.7262
y717	-2.2508	-6.3290	2.6846
z717	-2.9500	3.4974	2.5025

Phylogenetic mapping

Dataset: PC scores, CovMatrix, RawData_All, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_RawData_All

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.12889939

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: <.0001

New Procrustes fit:

Dataset 'RawData_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.04172593	-0.02923168	-0.00750795
2	-0.04251908	-0.05420257	0.00304005
3	-0.04126847	-0.05484209	0.00008498
4	-0.03910023	-0.05562181	-0.00249340
5	-0.03642497	-0.05634588	-0.00462367
6	-0.03359124	-0.05684300	-0.00658336
7	-0.03054056	-0.05721822	-0.00841059
8	-0.02716034	-0.05732511	-0.01013546
9	-0.02344911	-0.05729398	-0.01163060
10	-0.01946361	-0.05708299	-0.01315988
11	-0.01525041	-0.05679326	-0.01463634
12	-0.01066337	-0.05626422	-0.01561387
13	-0.00619085	-0.05559289	-0.01631643
14	-0.00186483	-0.05477467	-0.01664926
15	0.00236779	-0.05369590	-0.01668048
16	0.00648988	-0.05255150	-0.01627848
17	0.01050299	-0.05113297	-0.01551211
18	0.01444652	-0.04951569	-0.01426513
19	0.01813050	-0.04772112	-0.01253844
20	0.02174538	-0.04584847	-0.01047283
21	0.02625809	-0.04319102	-0.00702982
22	0.02981450	-0.04050670	-0.00331575
23	0.03254597	-0.03782729	0.00084242
24	0.03395177	-0.03532073	0.00562826
25	0.03403362	-0.03320681	0.01093639
26	0.03319587	-0.03112669	0.01684088

27	0.03142472	-0.02880634	0.02332037
28	0.02857846	-0.02670469	0.03044549
29	0.02419643	-0.02541617	0.03783219
30	0.01896593	-0.02461685	0.04222371
31	0.01260709	-0.02524665	0.04499240
32	0.00619402	-0.02666534	0.04601145
33	0.00001368	-0.02827471	0.04610936
34	-0.00617676	-0.03004423	0.04537554
35	-0.01257852	-0.03203542	0.04384884
36	-0.01929576	-0.03427850	0.04139794
37	-0.02645339	-0.03678940	0.03794333
38	-0.03228898	-0.04026320	0.03278145
39	-0.03351694	-0.04213340	0.02969095
40	-0.03430307	-0.04411583	0.02630559
41	-0.03507660	-0.04600978	0.02288624
42	-0.03603371	-0.04773414	0.01958399
43	-0.03732682	-0.04923365	0.01637292
44	-0.03901794	-0.05047880	0.01312269
45	-0.04091784	-0.05154451	0.00972032
46	-0.04232038	-0.05273267	0.00616115
47	-0.06217772	-0.05914791	-0.00023532
48	-0.06039966	-0.05942617	-0.00203751
49	-0.05835830	-0.05971314	-0.00385163
50	-0.05601653	-0.06002837	-0.00571877
51	-0.05341609	-0.06028707	-0.00756384
52	-0.05053662	-0.06048077	-0.00937950
53	-0.04737831	-0.06067404	-0.01125139
54	-0.04399098	-0.06086523	-0.01309598

55	-0.04031325	-0.06098301	-0.01503695
56	-0.03642324	-0.06136577	-0.01708072
57	-0.03263857	-0.06142035	-0.01871929
58	-0.02885026	-0.06137764	-0.02023513
59	-0.02506491	-0.06120569	-0.02158520
60	-0.02124448	-0.06102092	-0.02279627
61	-0.01747426	-0.06063789	-0.02365424
62	-0.01365250	-0.06038900	-0.02462548
63	-0.00988057	-0.05983398	-0.02515828
64	-0.00607471	-0.05924753	-0.02564153
65	-0.00224141	-0.05871975	-0.02602681
66	0.00133599	-0.05797153	-0.02608560
67	0.00484318	-0.05714780	-0.02590571
68	0.00820280	-0.05618540	-0.02543155
69	0.01154333	-0.05524776	-0.02486446
70	0.01466524	-0.05412499	-0.02392432
71	0.01780113	-0.05296095	-0.02290473
72	0.02085667	-0.05171869	-0.02164394
73	0.02382187	-0.05029213	-0.02015365
74	0.02667373	-0.04879988	-0.01842908
75	0.02909319	-0.04746254	-0.01687960
76	0.03152178	-0.04597114	-0.01512246
77	0.03395983	-0.04445379	-0.01306229
78	0.03629824	-0.04278370	-0.01067760
79	0.03859112	-0.04099312	-0.00809743
80	0.04090579	-0.03914000	-0.00523742
81	0.04334794	-0.03731124	-0.00214923
82	0.04588657	-0.03538819	0.00116343

83	0.04835150	-0.03338953	0.00473553
84	0.04491029	0.03358796	0.01383710
85	0.04458891	0.03452492	0.01121383
86	0.04451619	0.03485097	0.00835947
87	0.04473295	0.03456012	0.00565621
88	0.04504344	0.03400824	0.00317074
89	0.04544816	0.03318705	0.00096955
90	0.04589553	0.03216723	-0.00122887
91	0.04660474	0.03064427	-0.00331369
92	0.04717646	0.02918409	-0.00553038
93	0.04789782	0.02735011	-0.00758514
94	0.04848577	0.02525619	-0.00959030
95	0.04902353	0.02306520	-0.01133704
96	0.04953244	0.02070173	-0.01281927
97	0.05000078	0.01819110	-0.01406624
98	0.05037788	0.01554842	-0.01505443
99	0.05070572	0.01272381	-0.01576311
100	0.05099786	0.00973602	-0.01618081
101	0.05127715	0.00657683	-0.01625611
102	0.05153278	0.00330758	-0.01592705
103	0.05131322	-0.00048317	-0.01496393
104	0.05106353	-0.00387863	-0.01339410
105	0.05072042	-0.00696291	-0.01157970
106	0.05036455	-0.00966161	-0.00930990
107	0.04975143	-0.01210327	-0.00694437
108	0.04904965	-0.01428469	-0.00418864
109	0.04829512	-0.01618888	-0.00102984
110	0.04753505	-0.01749756	0.00255904

111	0.04672573	-0.01840002	0.00649181
112	0.04406561	-0.01784588	0.01472253
113	0.04242239	-0.01580980	0.02186270
114	0.04092076	-0.01355253	0.02777591
115	0.04005227	-0.01057091	0.03231058
116	0.03960124	-0.00734284	0.03559428
117	0.03901685	-0.00373254	0.03813902
118	0.03897100	0.00067321	0.03954624
119	0.03987309	0.00593255	0.03916067
120	0.04165465	0.01085815	0.03683837
121	0.04377525	0.01348140	0.03470876
122	0.04576982	0.01576942	0.03215966
123	0.04728288	0.01801745	0.02947824
124	0.04818095	0.02041664	0.02690461
125	0.04848485	0.02295577	0.02440420
126	0.04812687	0.02578690	0.02204628
127	0.04731753	0.02868425	0.01957975
128	0.04617894	0.03143358	0.01690351
129	0.04666793	0.05123904	0.01792138
130	0.04612290	0.05098178	0.01510590
131	0.04576286	0.05057992	0.01240284
132	0.04541837	0.05002580	0.00964613
133	0.04530440	0.04952082	0.00693918
134	0.04530823	0.04887395	0.00436182
135	0.04526719	0.04798405	0.00192168
136	0.04536891	0.04689882	-0.00049825
137	0.04564092	0.04581251	-0.00288437
138	0.04597439	0.04455329	-0.00515744

139	0.04675009	0.04267019	-0.00795542
140	0.04746801	0.04066156	-0.01060021
141	0.04812829	0.03845230	-0.01300673
142	0.04880381	0.03617714	-0.01523959
143	0.04939758	0.03379946	-0.01718995
144	0.05000165	0.03122346	-0.01903748
145	0.05065613	0.02849586	-0.02084151
146	0.05126687	0.02566140	-0.02233071
147	0.05184500	0.02278976	-0.02370203
148	0.05234242	0.01986852	-0.02470162
149	0.05277428	0.01689803	-0.02551454
150	0.05317683	0.01388117	-0.02600564
151	0.05353681	0.01076404	-0.02634032
152	0.05380547	0.00766509	-0.02629416
153	0.05409020	0.00446392	-0.02599184
154	0.05430031	0.00119297	-0.02547628
155	0.05438872	-0.00219306	-0.02464519
156	0.05434148	-0.00521593	-0.02369841
157	0.05440961	-0.00892181	-0.02176551
158	0.05421734	-0.01248407	-0.01937748
159	0.05382658	-0.01590275	-0.01673850
160	0.05316652	-0.01909169	-0.01378587
161	0.05247055	-0.02216994	-0.01064287
162	0.05158459	-0.02512815	-0.00729112
163	0.05043572	-0.02785069	-0.00353369
164	0.04940202	-0.03061320	0.00050096
165	0.04835150	-0.03338953	0.00473553
166	-0.07069381	0.01074302	0.00890633

167	-0.07193091	0.01345931	0.00707413
168	-0.07222513	0.01630207	0.00507724
169	-0.07200118	0.01914637	0.00314171
170	-0.07115850	0.02188368	0.00120676
171	-0.06997206	0.02467666	-0.00058063
172	-0.06833954	0.02750612	-0.00231284
173	-0.06621048	0.03039450	-0.00401444
174	-0.06367312	0.03335828	-0.00568378
175	-0.06064902	0.03633047	-0.00727065
176	-0.05819932	0.03851417	-0.00848194
177	-0.05557594	0.04050330	-0.00952274
178	-0.05279399	0.04225719	-0.01039341
179	-0.04991071	0.04383720	-0.01108096
180	-0.04698133	0.04529787	-0.01159408
181	-0.04386856	0.04658932	-0.01190116
182	-0.04060813	0.04763453	-0.01205870
183	-0.03723763	0.04845732	-0.01201048
184	-0.03331868	0.04918798	-0.01172091
185	-0.02976770	0.04952183	-0.01139464
186	-0.02622863	0.04973010	-0.01083113
187	-0.02265814	0.04966944	-0.01000264
188	-0.01914007	0.04922195	-0.00902822
189	-0.01566830	0.04862163	-0.00785615
190	-0.01213547	0.04799569	-0.00632477
191	-0.00869157	0.04712883	-0.00466659
192	-0.00508728	0.04626405	-0.00260343
193	-0.00161020	0.04514739	-0.00041028
194	0.00349477	0.04340133	0.00337021

195	0.00770218	0.04109592	0.00726529
196	0.01104383	0.03847509	0.01131121
197	0.01354069	0.03553607	0.01554182
198	0.01512615	0.03227333	0.01999544
199	0.01582939	0.02855924	0.02468000
200	0.01563924	0.02433950	0.02962624
201	0.01452722	0.01955491	0.03462776
202	0.01239102	0.01451909	0.03977366
203	0.00795506	0.00812610	0.04346793
204	0.00223733	0.00251566	0.04498972
205	-0.00360553	-0.00202282	0.04529379
206	-0.00958949	-0.00551145	0.04498164
207	-0.01582216	-0.00808386	0.04411543
208	-0.02249024	-0.00982381	0.04224049
209	-0.02946694	-0.01066774	0.03882576
210	-0.03657345	-0.01053446	0.03401306
211	-0.04334054	-0.00913846	0.02786370
212	-0.04668578	-0.00724054	0.02464110
213	-0.04973232	-0.00509284	0.02151250
214	-0.05271054	-0.00282801	0.01865748
215	-0.05579394	-0.00063045	0.01624274
216	-0.05897780	0.00138718	0.01438349
217	-0.06225342	0.00350678	0.01280533
218	-0.06577825	0.00566962	0.01169039
219	-0.06864676	0.00811257	0.01032158
220	-0.09175620	0.00252534	0.00731363
221	-0.09110724	0.00671269	0.00526516
222	-0.09003384	0.01073320	0.00345993

223	-0.08882498	0.01450423	0.00174158
224	-0.08751910	0.01802608	0.00011461
225	-0.08609107	0.02134566	-0.00138687
226	-0.08449918	0.02445761	-0.00275556
227	-0.08279926	0.02734577	-0.00411467
228	-0.08104620	0.03002333	-0.00547728
229	-0.07920067	0.03244592	-0.00681102
230	-0.07702524	0.03498165	-0.00835722
231	-0.07474063	0.03740720	-0.00984449
232	-0.07237987	0.03977849	-0.01126477
233	-0.06986886	0.04211965	-0.01248009
234	-0.06729487	0.04430424	-0.01367035
235	-0.06453070	0.04643610	-0.01468703
236	-0.06167296	0.04845505	-0.01576220
237	-0.05863720	0.05034822	-0.01666404
238	-0.05553876	0.05223071	-0.01751113
239	-0.05148164	0.05420758	-0.01817991
240	-0.04738086	0.05595259	-0.01876761
241	-0.04322120	0.05737394	-0.01904784
242	-0.03896001	0.05851717	-0.01915509
243	-0.03469079	0.05929604	-0.01897624
244	-0.03026342	0.05971088	-0.01854278
245	-0.02574157	0.05989053	-0.01790419
246	-0.02113522	0.05972480	-0.01702750
247	-0.01652542	0.05911998	-0.01576267
248	-0.01166428	0.05833791	-0.01417450
249	-0.00690492	0.05723612	-0.01222432
250	-0.00226848	0.05592342	-0.00992904

251	0.00234604	0.05441319	-0.00742622
252	0.00678756	0.05258800	-0.00456331
253	0.01119329	0.05062542	-0.00142234
254	0.01553176	0.04819285	0.00217179
255	0.01994549	0.04584732	0.00571895
256	0.02431678	0.04331114	0.00930534

Procrustes sums of squares: 0.5088436638647192

Tangent sums of squares: 0.499623790655455

Data matrices in this dataset:

- RawData_Canals, raw data
- RawData_Canals, centroid size
- RawData_Canals, Procrustes coordinates

New Procrustes fit:

Dataset 'RawData_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.04172593	-0.02923168	-0.00750795
2	-0.04251908	-0.05420257	0.00304005

3	-0.04126847	-0.05484209	0.00008498
4	-0.03910023	-0.05562181	-0.00249340
5	-0.03642497	-0.05634588	-0.00462367
6	-0.03359124	-0.05684300	-0.00658336
7	-0.03054056	-0.05721822	-0.00841059
8	-0.02716034	-0.05732511	-0.01013546
9	-0.02344911	-0.05729398	-0.01163060
10	-0.01946361	-0.05708299	-0.01315988
11	-0.01525041	-0.05679326	-0.01463634
12	-0.01066337	-0.05626422	-0.01561387
13	-0.00619085	-0.05559289	-0.01631643
14	-0.00186483	-0.05477467	-0.01664926
15	0.00236779	-0.05369590	-0.01668048
16	0.00648988	-0.05255150	-0.01627848
17	0.01050299	-0.05113297	-0.01551211
18	0.01444652	-0.04951569	-0.01426513
19	0.01813050	-0.04772112	-0.01253844
20	0.02174538	-0.04584847	-0.01047283
21	0.02625809	-0.04319102	-0.00702982
22	0.02981450	-0.04050670	-0.00331575
23	0.03254597	-0.03782729	0.00084242
24	0.03395177	-0.03532073	0.00562826
25	0.03403362	-0.03320681	0.01093639
26	0.03319587	-0.03112669	0.01684088
27	0.03142472	-0.02880634	0.02332037
28	0.02857846	-0.02670469	0.03044549
29	0.02419643	-0.02541617	0.03783219
30	0.01896593	-0.02461685	0.04222371

31	0.01260709	-0.02524665	0.04499240
32	0.00619402	-0.02666534	0.04601145
33	0.00001368	-0.02827471	0.04610936
34	-0.00617676	-0.03004423	0.04537554
35	-0.01257852	-0.03203542	0.04384884
36	-0.01929576	-0.03427850	0.04139794
37	-0.02645339	-0.03678940	0.03794333
38	-0.03228898	-0.04026320	0.03278145
39	-0.03351694	-0.04213340	0.02969095
40	-0.03430307	-0.04411583	0.02630559
41	-0.03507660	-0.04600978	0.02288624
42	-0.03603371	-0.04773414	0.01958399
43	-0.03732682	-0.04923365	0.01637292
44	-0.03901794	-0.05047880	0.01312269
45	-0.04091784	-0.05154451	0.00972032
46	-0.04232038	-0.05273267	0.00616115
47	-0.06217772	-0.05914791	-0.00023532
48	-0.06039966	-0.05942617	-0.00203751
49	-0.05835830	-0.05971314	-0.00385163
50	-0.05601653	-0.06002837	-0.00571877
51	-0.05341609	-0.06028707	-0.00756384
52	-0.05053662	-0.06048077	-0.00937950
53	-0.04737831	-0.06067404	-0.01125139
54	-0.04399098	-0.06086523	-0.01309598
55	-0.04031325	-0.06098301	-0.01503695
56	-0.03642324	-0.06136577	-0.01708072
57	-0.03263857	-0.06142035	-0.01871929
58	-0.02885026	-0.06137764	-0.02023513

59	-0.02506491	-0.06120569	-0.02158520
60	-0.02124448	-0.06102092	-0.02279627
61	-0.01747426	-0.06063789	-0.02365424
62	-0.01365250	-0.06038900	-0.02462548
63	-0.00988057	-0.05983398	-0.02515828
64	-0.00607471	-0.05924753	-0.02564153
65	-0.00224141	-0.05871975	-0.02602681
66	0.00133599	-0.05797153	-0.02608560
67	0.00484318	-0.05714780	-0.02590571
68	0.00820280	-0.05618540	-0.02543155
69	0.01154333	-0.05524776	-0.02486446
70	0.01466524	-0.05412499	-0.02392432
71	0.01780113	-0.05296095	-0.02290473
72	0.02085667	-0.05171869	-0.02164394
73	0.02382187	-0.05029213	-0.02015365
74	0.02667373	-0.04879988	-0.01842908
75	0.02909319	-0.04746254	-0.01687960
76	0.03152178	-0.04597114	-0.01512246
77	0.03395983	-0.04445379	-0.01306229
78	0.03629824	-0.04278370	-0.01067760
79	0.03859112	-0.04099312	-0.00809743
80	0.04090579	-0.03914000	-0.00523742
81	0.04334794	-0.03731124	-0.00214923
82	0.04588657	-0.03538819	0.00116343
83	0.04835150	-0.03338953	0.00473553
84	0.04491029	0.03358796	0.01383710
85	0.04458891	0.03452492	0.01121383
86	0.04451619	0.03485097	0.00835947

87	0.04473295	0.03456012	0.00565621
88	0.04504344	0.03400824	0.00317074
89	0.04544816	0.03318705	0.00096955
90	0.04589553	0.03216723	-0.00122887
91	0.04660474	0.03064427	-0.00331369
92	0.04717646	0.02918409	-0.00553038
93	0.04789782	0.02735011	-0.00758514
94	0.04848577	0.02525619	-0.00959030
95	0.04902353	0.02306520	-0.01133704
96	0.04953244	0.02070173	-0.01281927
97	0.05000078	0.01819110	-0.01406624
98	0.05037788	0.01554842	-0.01505443
99	0.05070572	0.01272381	-0.01576311
100	0.05099786	0.00973602	-0.01618081
101	0.05127715	0.00657683	-0.01625611
102	0.05153278	0.00330758	-0.01592705
103	0.05131322	-0.00048317	-0.01496393
104	0.05106353	-0.00387863	-0.01339410
105	0.05072042	-0.00696291	-0.01157970
106	0.05036455	-0.00966161	-0.00930990
107	0.04975143	-0.01210327	-0.00694437
108	0.04904965	-0.01428469	-0.00418864
109	0.04829512	-0.01618888	-0.00102984
110	0.04753505	-0.01749756	0.00255904
111	0.04672573	-0.01840002	0.00649181
112	0.04406561	-0.01784588	0.01472253
113	0.04242239	-0.01580980	0.02186270
114	0.04092076	-0.01355253	0.02777591

115	0.04005227	-0.01057091	0.03231058
116	0.03960124	-0.00734284	0.03559428
117	0.03901685	-0.00373254	0.03813902
118	0.03897100	0.00067321	0.03954624
119	0.03987309	0.00593255	0.03916067
120	0.04165465	0.01085815	0.03683837
121	0.04377525	0.01348140	0.03470876
122	0.04576982	0.01576942	0.03215966
123	0.04728288	0.01801745	0.02947824
124	0.04818095	0.02041664	0.02690461
125	0.04848485	0.02295577	0.02440420
126	0.04812687	0.02578690	0.02204628
127	0.04731753	0.02868425	0.01957975
128	0.04617894	0.03143358	0.01690351
129	0.04666793	0.05123904	0.01792138
130	0.04612290	0.05098178	0.01510590
131	0.04576286	0.05057992	0.01240284
132	0.04541837	0.05002580	0.00964613
133	0.04530440	0.04952082	0.00693918
134	0.04530823	0.04887395	0.00436182
135	0.04526719	0.04798405	0.00192168
136	0.04536891	0.04689882	-0.00049825
137	0.04564092	0.04581251	-0.00288437
138	0.04597439	0.04455329	-0.00515744
139	0.04675009	0.04267019	-0.00795542
140	0.04746801	0.04066156	-0.01060021
141	0.04812829	0.03845230	-0.01300673
142	0.04880381	0.03617714	-0.01523959

143	0.04939758	0.03379946	-0.01718995
144	0.05000165	0.03122346	-0.01903748
145	0.05065613	0.02849586	-0.02084151
146	0.05126687	0.02566140	-0.02233071
147	0.05184500	0.02278976	-0.02370203
148	0.05234242	0.01986852	-0.02470162
149	0.05277428	0.01689803	-0.02551454
150	0.05317683	0.01388117	-0.02600564
151	0.05353681	0.01076404	-0.02634032
152	0.05380547	0.00766509	-0.02629416
153	0.05409020	0.00446392	-0.02599184
154	0.05430031	0.00119297	-0.02547628
155	0.05438872	-0.00219306	-0.02464519
156	0.05434148	-0.00521593	-0.02369841
157	0.05440961	-0.00892181	-0.02176551
158	0.05421734	-0.01248407	-0.01937748
159	0.05382658	-0.01590275	-0.01673850
160	0.05316652	-0.01909169	-0.01378587
161	0.05247055	-0.02216994	-0.01064287
162	0.05158459	-0.02512815	-0.00729112
163	0.05043572	-0.02785069	-0.00353369
164	0.04940202	-0.03061320	0.00050096
165	0.04835150	-0.03338953	0.00473553
166	-0.07069381	0.01074302	0.00890633
167	-0.07193091	0.01345931	0.00707413
168	-0.07222513	0.01630207	0.00507724
169	-0.07200118	0.01914637	0.00314171
170	-0.07115850	0.02188368	0.00120676

171	-0.06997206	0.02467666	-0.00058063
172	-0.06833954	0.02750612	-0.00231284
173	-0.06621048	0.03039450	-0.00401444
174	-0.06367312	0.03335828	-0.00568378
175	-0.06064902	0.03633047	-0.00727065
176	-0.05819932	0.03851417	-0.00848194
177	-0.05557594	0.04050330	-0.00952274
178	-0.05279399	0.04225719	-0.01039341
179	-0.04991071	0.04383720	-0.01108096
180	-0.04698133	0.04529787	-0.01159408
181	-0.04386856	0.04658932	-0.01190116
182	-0.04060813	0.04763453	-0.01205870
183	-0.03723763	0.04845732	-0.01201048
184	-0.03331868	0.04918798	-0.01172091
185	-0.02976770	0.04952183	-0.01139464
186	-0.02622863	0.04973010	-0.01083113
187	-0.02265814	0.04966944	-0.01000264
188	-0.01914007	0.04922195	-0.00902822
189	-0.01566830	0.04862163	-0.00785615
190	-0.01213547	0.04799569	-0.00632477
191	-0.00869157	0.04712883	-0.00466659
192	-0.00508728	0.04626405	-0.00260343
193	-0.00161020	0.04514739	-0.00041028
194	0.00349477	0.04340133	0.00337021
195	0.00770218	0.04109592	0.00726529
196	0.01104383	0.03847509	0.01131121
197	0.01354069	0.03553607	0.01554182
198	0.01512615	0.03227333	0.01999544

199	0.01582939	0.02855924	0.02468000
200	0.01563924	0.02433950	0.02962624
201	0.01452722	0.01955491	0.03462776
202	0.01239102	0.01451909	0.03977366
203	0.00795506	0.00812610	0.04346793
204	0.00223733	0.00251566	0.04498972
205	-0.00360553	-0.00202282	0.04529379
206	-0.00958949	-0.00551145	0.04498164
207	-0.01582216	-0.00808386	0.04411543
208	-0.02249024	-0.00982381	0.04224049
209	-0.02946694	-0.01066774	0.03882576
210	-0.03657345	-0.01053446	0.03401306
211	-0.04334054	-0.00913846	0.02786370
212	-0.04668578	-0.00724054	0.02464110
213	-0.04973232	-0.00509284	0.02151250
214	-0.05271054	-0.00282801	0.01865748
215	-0.05579394	-0.00063045	0.01624274
216	-0.05897780	0.00138718	0.01438349
217	-0.06225342	0.00350678	0.01280533
218	-0.06577825	0.00566962	0.01169039
219	-0.06864676	0.00811257	0.01032158
220	-0.09175620	0.00252534	0.00731363
221	-0.09110724	0.00671269	0.00526516
222	-0.09003384	0.01073320	0.00345993
223	-0.08882498	0.01450423	0.00174158
224	-0.08751910	0.01802608	0.00011461
225	-0.08609107	0.02134566	-0.00138687
226	-0.08449918	0.02445761	-0.00275556

227	-0.08279926	0.02734577	-0.00411467
228	-0.08104620	0.03002333	-0.00547728
229	-0.07920067	0.03244592	-0.00681102
230	-0.07702524	0.03498165	-0.00835722
231	-0.07474063	0.03740720	-0.00984449
232	-0.07237987	0.03977849	-0.01126477
233	-0.06986886	0.04211965	-0.01248009
234	-0.06729487	0.04430424	-0.01367035
235	-0.06453070	0.04643610	-0.01468703
236	-0.06167296	0.04845505	-0.01576220
237	-0.05863720	0.05034822	-0.01666404
238	-0.05553876	0.05223071	-0.01751113
239	-0.05148164	0.05420758	-0.01817991
240	-0.04738086	0.05595259	-0.01876761
241	-0.04322120	0.05737394	-0.01904784
242	-0.03896001	0.05851717	-0.01915509
243	-0.03469079	0.05929604	-0.01897624
244	-0.03026342	0.05971088	-0.01854278
245	-0.02574157	0.05989053	-0.01790419
246	-0.02113522	0.05972480	-0.01702750
247	-0.01652542	0.05911998	-0.01576267
248	-0.01166428	0.05833791	-0.01417450
249	-0.00690492	0.05723612	-0.01222432
250	-0.00226848	0.05592342	-0.00992904
251	0.00234604	0.05441319	-0.00742622
252	0.00678756	0.05258800	-0.00456331
253	0.01119329	0.05062542	-0.00142234
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Procrustes sums of squares: 0.5088436638647192

Tangent sums of squares: 0.499623790655455

Data matrices in this dataset:

- RawData_Canals, raw data
- RawData_Canals, centroid size
- RawData_Canals, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, RawData_Canals, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00359987	22.336	22.336
2.	0.00222445	13.802	36.138
3.	0.00170749	10.594	46.732
4.	0.00116904	7.253	53.986
5.	0.00104711	6.497	60.483
6.	0.00087735	5.444	65.926
7.	0.00081714	5.070	70.997
8.	0.00064406	3.996	74.993
9.	0.00051102	3.171	78.163
10.	0.00045416	2.818	80.981
11.	0.00038686	2.400	83.382

12.	0.00035919	2.229	85.610
13.	0.00031276	1.941	87.551
14.	0.00025833	1.603	89.154
15.	0.00024053	1.492	90.646
16.	0.00023704	1.471	92.117
17.	0.00017816	1.105	93.222
18.	0.00016343	1.014	94.236
19.	0.00013017	0.808	95.044
20.	0.00011414	0.708	95.752
21.	0.00010069	0.625	96.377
22.	0.00009732	0.604	96.981
23.	0.00008596	0.533	97.514
24.	0.00007184	0.446	97.960
25.	0.00006775	0.420	98.380
26.	0.00005865	0.364	98.744
27.	0.00005393	0.335	99.079
28.	0.00004765	0.296	99.374
29.	0.00003991	0.248	99.622
30.	0.00003509	0.218	99.840
31.	0.00002582	0.160	100.000

Total variance: 0.01611690

Variance of the eigenvalues: 0.0000000341113

Eigenvalue variance scaled by total variance: 0.00013

Eigenvalue variance scaled by total variance and number of variables: 0.10007

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 761.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.023741		-0.011796		0.035058		-0.009283		0.022387		-0.035214	
	-0.016204		0.042459		0.020556		0.026434		0.005846		0.031146	
	0.032586		0.077540		-0.049115		0.005004		0.036061		0.013828	
	-0.023709		0.031728		0.022369		0.032425		0.019101		0.050289	
	0.039681		-0.008182		0.057681		0.020550		0.082673		0.075773	
	0.024476											
y1	0.008511		-0.001376		0.011600		-0.049743		-0.043248		-0.001878	
	0.024449		0.009729		-0.009011		0.015150		-0.034899		0.011460	
	0.021237		0.014590		-0.055762		-0.037728		-0.003412		-0.009508	
	0.037079		0.018606		0.050162		0.001088		0.026759		0.023966	
	-0.000856		0.065156		-0.030694		-0.012343		-0.086980		-0.020216	
	-0.026199											
z1	0.018301		0.053319		0.025785		0.089335		0.020701		0.010218	
	0.041049		-0.048612		-0.016891		-0.007210		0.034421		-0.063589	
	-0.007049		0.015602		-0.052146		0.020627		-0.002874		-0.030096	
	0.052523		0.013031		-0.041743		0.065104		-0.003526		0.014779	
	-0.011421		0.037928		0.057434		0.013890		-0.096220		0.127225	
	0.014011											
x2	0.003444		0.011839		-0.019025		-0.056134		0.071838		0.035479	
	-0.004335		-0.035480		-0.024576		0.015741		-0.056410		-0.035329	
	-0.018316		-0.024045		0.062412		0.028073		-0.038483		0.029621	
	0.018499		0.016950		-0.031863		0.025420		0.056940		0.031304	
	0.036982		0.004434		-0.024220		-0.042142		0.040818		-0.002701	
	-0.054971											
y2	-0.028204		0.040832		-0.025804		0.009431		0.020086		-0.048342	
	-0.029354		0.003039		0.038983		0.009959		-0.004357		-0.006901	
	-0.016473		0.020797		0.041506		0.007825		0.030675		-0.000688	

	0.029683	-0.047181	0.006097	-0.009687	0.000436	0.034180
	0.020539	0.011961	-0.023456	0.017173	0.031349	-0.083570
	-0.065013					
z2	0.023116	-0.025804	-0.034577	-0.041457	0.006001	0.000706
	-0.004269	0.009455	-0.016369	0.028922	0.007753	0.055088
	-0.009238	0.054526	0.026304	0.011631	-0.007044	-0.017324
	0.036742	-0.016866	-0.079432	-0.007470	-0.071792	0.058206
	-0.054670	0.035230	0.091158	0.008540	0.092993	0.071556
	-0.059400					
x3	-0.005932	0.012281	-0.022347	-0.047417	0.073441	0.035832
	-0.006942	-0.036459	-0.014895	0.008400	-0.058881	-0.039162
	-0.012081	-0.039693	0.053635	0.025600	-0.048648	0.031017
	0.031158	0.021801	-0.010418	0.025343	0.070214	0.015381
	0.019928	0.002250	-0.015181	-0.035508	0.007680	-0.025912
	-0.034431					
y3	-0.032582	0.043472	-0.033304	0.004579	0.021862	-0.051688
	-0.026549	-0.005899	0.041001	0.000748	-0.003697	-0.006620
	-0.020935	0.024544	0.038802	0.003041	0.022335	0.008493
	0.030688	-0.054882	-0.008534	0.003495	-0.011604	0.009683
	0.005085	0.018095	-0.015539	0.002619	0.024428	-0.077660
	-0.039766					
z3	0.027824	-0.022775	-0.028740	-0.044240	0.010538	0.005492
	-0.002203	0.008524	-0.014357	0.030669	-0.004880	0.063928
	-0.012081	0.045258	0.033551	0.003292	0.001551	-0.022177
	0.016763	-0.026950	-0.065872	0.004834	-0.048897	0.065032
	-0.034928	0.032532	0.069960	0.013874	0.075760	0.084759
	-0.043064					
x4	-0.017641	0.011441	-0.025169	-0.038338	0.075007	0.037316
	-0.013054	-0.038908	-0.008462	0.005256	-0.049269	-0.047660
	-0.008114	-0.055163	0.041638	0.020690	-0.056436	0.034860
	0.047486	0.037268	0.002132	0.022359	0.055238	-0.004284
	0.006293	0.003486	-0.006271	-0.043930	-0.020061	-0.047346
	-0.008302					
y4	-0.033978	0.044611	-0.037776	-0.001622	0.021531	-0.053736
	-0.022435	-0.007927	0.047716	-0.005438	-0.010985	-0.001180
	-0.021638	0.025226	0.042660	0.005861	0.019877	0.022214
	0.028248	-0.064376	-0.015794	0.014638	-0.009404	-0.004282
	-0.003680	0.027023	-0.017461	-0.006693	0.014641	-0.063314
	-0.025558					
z4	0.029058	-0.018489	-0.024303	-0.044296	0.016025	0.010224
	-0.001150	0.006936	-0.013952	0.028613	-0.014409	0.067743

	-0.015483	0.030073	0.039080	-0.008917	0.007858	-0.024725
	-0.001258	-0.032272	-0.051488	0.014286	-0.037900	0.067766
	-0.027810	0.024796	0.056269	0.008261	0.052001	0.083538
	-0.016676					
x5	-0.028353	0.007869	-0.027589	-0.032634	0.076383	0.039455
	-0.018427	-0.041853	-0.002625	0.006179	-0.029726	-0.050722
	-0.004443	-0.062222	0.022894	0.016967	-0.070648	0.031067
	0.062905	0.059107	0.015638	0.011833	0.042908	-0.018148
	-0.000090	-0.000076	-0.002072	-0.051659	-0.027285	-0.049297
	-0.001213					
y5	-0.034627	0.044996	-0.038573	-0.006076	0.020471	-0.053826
	-0.019289	-0.006111	0.057893	-0.008212	-0.016652	0.006648
	-0.020767	0.023648	0.043686	0.013984	0.025307	0.032464
	0.022261	-0.071966	-0.016843	0.023875	-0.011167	-0.018941
	-0.005802	0.034528	-0.025542	-0.009178	0.003694	-0.050578
	-0.015692					
z5	0.026810	-0.014672	-0.022524	-0.044266	0.023191	0.016428
	-0.001013	0.003433	-0.012406	0.026820	-0.010588	0.067078
	-0.016441	0.020066	0.037211	-0.019182	0.003087	-0.032291
	-0.010737	-0.030316	-0.039924	0.009772	-0.029455	0.067290
	-0.019620	0.010058	0.046768	-0.007068	0.037211	0.084798
	0.006348					
x6	-0.035708	0.004053	-0.028631	-0.025986	0.076472	0.036236
	-0.023629	-0.040801	0.003327	0.006477	-0.016030	-0.050584
	0.000901	-0.062742	0.010969	0.022839	-0.069328	0.028065
	0.074281	0.068296	0.021983	0.004574	0.037509	-0.029708
	0.002358	0.003310	-0.005176	-0.045632	-0.033667	-0.052878
	0.004990					
y6	-0.036612	0.045723	-0.039194	-0.011704	0.020213	-0.050327
	-0.016834	-0.006696	0.062682	-0.007470	-0.020685	0.012919
	-0.021178	0.018359	0.040358	0.008119	0.020930	0.035091
	0.017973	-0.069924	-0.014625	0.030469	-0.019844	-0.027832
	-0.013323	0.033208	-0.020492	-0.020622	-0.003817	-0.039573
	-0.005088					
z6	0.024658	-0.009851	-0.023406	-0.041495	0.031443	0.018837
	-0.001032	0.002748	-0.008773	0.024069	-0.007001	0.062416
	-0.016767	0.014603	0.036341	-0.016777	0.007839	-0.036358
	-0.015629	-0.031408	-0.026150	0.008185	-0.016627	0.059808
	-0.007662	0.002793	0.024761	-0.009684	0.018728	0.079816
	0.022871					

x7	-0.041430	-0.000806	-0.028959	-0.020341	0.074273	0.032334
	-0.028067	-0.038709	0.004925	0.006999	-0.006296	-0.047392
	0.009469	-0.060943	0.005336	0.026903	-0.069849	0.025674
	0.086246	0.078399	0.018950	-0.000527	0.030674	-0.032845
	-0.006337	0.007260	-0.002126	-0.037187	-0.031518	-0.049025
	0.007892					
y7	-0.038582	0.047724	-0.039833	-0.015228	0.021223	-0.048346
	-0.014420	-0.005757	0.065933	-0.005256	-0.026565	0.018272
	-0.019711	0.012512	0.038647	0.004608	0.020583	0.037232
	0.016070	-0.066792	-0.012746	0.032707	-0.023922	-0.029499
	-0.025412	0.033559	-0.012083	-0.026395	-0.013434	-0.037254
	0.001940					
z7	0.021738	-0.004425	-0.027870	-0.038763	0.039559	0.021761
	-0.000749	0.003477	-0.006886	0.020040	-0.003830	0.052409
	-0.012905	0.008171	0.043275	-0.015914	0.005080	-0.032908
	-0.012260	-0.023965	-0.019030	0.014292	-0.005003	0.052285
	-0.015090	-0.001397	0.011479	-0.014715	0.000698	0.074425
	0.038026					
x8	-0.045662	-0.006295	-0.024909	-0.014827	0.066819	0.025771
	-0.033969	-0.034591	0.005503	0.007342	-0.000460	-0.039771
	0.015776	-0.061410	0.000062	0.030546	-0.064805	0.017293
	0.086146	0.078867	0.012273	-0.014679	0.019787	-0.035739
	-0.007410	0.006743	0.003734	-0.033423	-0.020334	-0.050910
	0.003878					
y8	-0.041215	0.049025	-0.039813	-0.016750	0.022476	-0.045709
	-0.011247	-0.002872	0.062812	-0.005674	-0.030084	0.021587
	-0.016646	0.008426	0.040116	0.005400	0.019414	0.038753
	0.011753	-0.058040	-0.016294	0.032636	-0.027810	-0.026041
	-0.040201	0.031503	-0.002102	-0.027205	-0.011976	-0.034064
	-0.006773					
z8	0.017789	0.000535	-0.027983	-0.037613	0.038945	0.023533
	-0.004284	0.005108	0.004607	0.019475	-0.009090	0.042504
	-0.009209	-0.007016	0.045520	-0.016155	0.002569	-0.032357
	-0.016376	-0.023657	-0.008702	0.002564	0.003067	0.045254
	-0.029522	-0.007916	0.015025	-0.027565	-0.019491	0.051877
	0.026676					
x9	-0.048654	-0.012765	-0.018761	-0.011156	0.059773	0.018221
	-0.038943	-0.029701	0.000067	0.005378	0.006213	-0.026576
	0.021778	-0.057917	-0.003861	0.037220	-0.057320	0.007278
	0.079762	0.079620	-0.000361	-0.028170	0.008285	-0.038059
	0.003402	0.006835	0.008130	-0.026238	0.001689	-0.045847
	-0.004716					

y9	-0.043915	0.050955	-0.037575	-0.020306	0.024069	-0.042266
	-0.008395	0.003391	0.057207	-0.001495	-0.031749	0.028203
	-0.012850	0.000259	0.038381	0.007272	0.019884	0.033843
	0.001868	-0.044147	-0.018246	0.032210	-0.027224	-0.024876
	-0.053209	0.025870	0.005948	-0.023137	-0.006276	-0.037759
	-0.015384					
z9	0.012416	0.006885	-0.029741	-0.035597	0.041996	0.025168
	-0.005046	0.005651	0.006732	0.010698	-0.010185	0.031664
	-0.006306	-0.021754	0.047184	-0.009929	-0.004316	-0.028815
	-0.021075	-0.017220	0.003293	-0.007572	0.003113	0.031926
	-0.036524	-0.018549	0.015666	-0.037461	-0.035004	0.026547
	0.006110					
x10	-0.050191	-0.020180	-0.012347	-0.006563	0.051810	0.008691
	-0.044269	-0.026273	-0.010087	0.003259	0.016228	-0.010790
	0.026073	-0.048322	-0.008799	0.044760	-0.044291	-0.005014
	0.070333	0.078538	-0.021814	-0.039959	0.001340	-0.038730
	0.026910	0.007421	0.006294	-0.027822	0.035667	-0.031891
	0.002866					
y10	-0.046688	0.053770	-0.035250	-0.023256	0.026415	-0.038765
	-0.005327	0.010957	0.046660	0.004728	-0.027803	0.036559
	-0.007834	-0.011413	0.031874	0.010590	0.020057	0.027810
	-0.010723	-0.024714	-0.021052	0.026206	-0.021612	-0.023177
	-0.062641	0.018541	0.007668	-0.016701	-0.003842	-0.045697
	-0.018638					
z10	0.007759	0.012863	-0.034310	-0.030600	0.047268	0.028756
	-0.005674	-0.001265	0.005237	0.003050	-0.002394	0.020823
	-0.007191	-0.032107	0.037972	-0.002470	-0.011779	-0.029182
	-0.025704	-0.007402	0.017971	-0.014198	0.009930	0.017989
	-0.017580	-0.031987	0.001612	-0.065907	-0.044791	0.012653
	0.022549					
x11	-0.049675	-0.030494	-0.002832	-0.004580	0.040921	-0.000351
	-0.051813	-0.018776	-0.014945	0.009726	0.019553	0.012415
	0.031903	-0.035852	-0.011305	0.050462	-0.027014	-0.021412
	0.057234	0.068770	-0.042320	-0.046009	-0.007975	-0.031104
	0.050555	0.018233	0.009087	-0.017607	0.067361	-0.000185
	-0.009100					
y11	-0.049787	0.055096	-0.033762	-0.024495	0.028170	-0.033093
	-0.004614	0.017124	0.039389	0.011679	-0.027907	0.039015
	-0.001198	-0.022574	0.032117	0.013200	0.021887	0.024770
	-0.013947	-0.000852	-0.014460	0.018862	-0.019445	-0.009072
	-0.078733	0.011016	0.022858	-0.012941	-0.005826	-0.049992
	-0.045000					

z11	0.001879	0.015237	-0.036721	-0.027153	0.050801	0.032458
	-0.010835	-0.006531	0.019293	0.008521	-0.006213	0.011516
	-0.004696	-0.037420	0.029305	-0.003832	-0.015767	-0.024699
	-0.019583	-0.009085	0.039207	-0.006199	0.014569	0.004532
	-0.013918	-0.015449	0.000480	-0.084151	-0.072679	0.023638
	0.001869					
x12	-0.055120	-0.035238	-0.003766	0.003972	0.027371	-0.006385
	-0.051635	-0.014650	-0.002461	0.012309	0.021770	0.012821
	0.032077	-0.019866	-0.015484	0.027317	-0.005827	-0.036953
	0.049117	0.061576	-0.055176	-0.036189	-0.004923	-0.034963
	0.060194	0.026332	0.017450	-0.029482	0.039951	0.010476
	-0.021591					
y12	-0.052226	0.047515	-0.031779	-0.024220	0.019619	-0.028772
	0.002863	0.015757	0.027253	0.019001	-0.032523	0.051448
	0.005565	-0.035432	0.023348	-0.000348	0.012304	0.002681
	-0.025558	-0.001707	-0.007727	0.014881	-0.022044	-0.016225
	-0.068502	-0.007979	0.034788	-0.001781	-0.001679	-0.008119
	-0.038855					
z12	-0.004251	0.018109	-0.038747	-0.023020	0.053849	0.034099
	-0.017773	-0.003625	0.032181	0.015908	-0.006551	0.009300
	-0.008353	-0.042465	0.028170	0.000655	-0.009287	-0.024084
	-0.018278	-0.010648	0.044369	-0.003237	0.015018	-0.004396
	-0.014849	-0.021527	-0.002036	-0.092686	-0.052444	0.021164
	-0.015100					
x13	-0.059284	-0.041365	-0.003080	0.010430	0.016418	-0.013383
	-0.048036	-0.013106	0.004755	0.007193	0.027908	0.012276
	0.034684	-0.001178	-0.016701	0.016570	0.013282	-0.038869
	0.042672	0.052379	-0.071890	-0.027669	0.006194	-0.042180
	0.069953	0.038225	0.011747	-0.033608	0.021356	0.014613
	-0.022994					
y13	-0.054592	0.043533	-0.030687	-0.021088	0.011744	-0.027496
	0.009096	0.014329	0.016543	0.025182	-0.036120	0.058973
	0.010635	-0.043852	0.011624	-0.012047	0.005529	-0.020856
	-0.034898	0.002645	-0.002894	0.008013	-0.022291	-0.020612
	-0.063850	-0.025147	0.042399	0.003706	0.001178	0.006926
	-0.033316					
z13	-0.008595	0.016521	-0.041627	-0.017909	0.054996	0.031945
	-0.021915	-0.003022	0.040432	0.006123	0.009384	0.005234
	-0.001643	-0.040042	0.031781	0.028702	0.016038	-0.004844
	-0.024294	-0.024938	0.035328	-0.012011	0.028498	-0.019667
	-0.012977	-0.009597	-0.045463	-0.055972	-0.030574	0.010241
	-0.032019					

x14	-0.062105	-0.044240	-0.002998	0.016151	0.005790	-0.017838
	-0.044261	-0.008073	0.010427	0.006910	0.030960	0.012165
	0.036949	0.014058	-0.019040	0.003422	0.024163	-0.042737
	0.042355	0.049681	-0.081771	-0.019150	0.007115	-0.038419
	0.073420	0.046426	0.015772	-0.040776	0.010488	0.018048
	-0.025254					
y14	-0.056656	0.036630	-0.028396	-0.020014	0.005845	-0.025706
	0.011502	0.010271	0.009271	0.024986	-0.040667	0.063978
	0.014191	-0.046383	0.007006	-0.022348	0.004997	-0.034722
	-0.042451	0.002086	0.004548	0.005720	-0.011358	-0.028530
	-0.055480	-0.036281	0.043387	-0.000992	-0.009362	0.019536
	-0.021980					
z14	-0.014636	0.017695	-0.043714	-0.009554	0.052040	0.031109
	-0.018341	-0.004305	0.048045	0.007827	0.015105	-0.001170
	0.004250	-0.046160	0.026915	0.031047	0.013526	0.000333
	-0.018267	-0.037250	0.032451	-0.012062	0.014824	-0.018323
	-0.002203	-0.015781	-0.055145	-0.060359	-0.003058	0.017658
	-0.066641					
x15	-0.064064	-0.045840	-0.002805	0.018842	-0.003298	-0.019121
	-0.043370	-0.003143	0.014716	0.008299	0.030623	0.013368
	0.036946	0.026745	-0.020998	-0.014157	0.026911	-0.047505
	0.042154	0.046810	-0.080677	-0.010308	0.003030	-0.031620
	0.070151	0.047465	0.022625	-0.046171	-0.000494	0.026583
	-0.025009					
y15	-0.058887	0.028735	-0.026883	-0.018968	0.001359	-0.022601
	0.013623	0.006365	0.001722	0.022018	-0.044090	0.067578
	0.016574	-0.048210	0.002445	-0.031580	0.009470	-0.044307
	-0.046934	-0.001659	0.005269	0.002594	-0.002654	-0.033468
	-0.044149	-0.043099	0.043007	-0.006685	-0.019159	0.028209
	-0.010173					
z15	-0.022501	0.020677	-0.045507	0.000568	0.051849	0.031660
	-0.014572	-0.012698	0.044328	0.010293	0.010345	-0.004821
	0.004948	-0.049033	0.010332	0.014075	0.003080	-0.005397
	-0.010626	-0.025397	0.032924	-0.013332	-0.002764	-0.018286
	-0.006172	-0.014862	-0.041059	-0.077414	0.010640	0.022319
	-0.052894					
x16	-0.063927	-0.050045	-0.000305	0.017076	-0.007396	-0.020527
	-0.042893	0.001578	0.018488	0.005187	0.028080	0.013273
	0.036010	0.043106	-0.018462	-0.022245	0.033656	-0.040904
	0.034481	0.033632	-0.071232	-0.002877	0.010032	-0.032239
	0.068871	0.054107	0.012392	-0.042859	-0.017527	0.031763
	-0.010079					

y16	-0.060207	0.023603	-0.026369	-0.017355	-0.005071	-0.018002
	0.016098	0.008909	-0.003501	0.020927	-0.042752	0.068890
	0.019460	-0.043260	0.002620	-0.036825	0.012431	-0.054083
	-0.043185	-0.000311	0.003853	0.001992	0.003590	-0.026915
	-0.035361	-0.045804	0.044311	-0.011083	-0.019362	0.027403
	-0.003058					
z16	-0.029130	0.020194	-0.043037	0.010407	0.049828	0.032068
	-0.013682	-0.014834	0.053467	0.001929	0.007939	-0.008642
	0.014009	-0.045125	0.011476	0.018017	0.004681	-0.001489
	-0.012198	-0.023785	0.027659	-0.007748	-0.003820	-0.022920
	-0.004457	-0.014013	-0.058219	-0.076334	0.012261	0.018675
	-0.064401					
x17	-0.062344	-0.052859	0.003092	0.014401	-0.010680	-0.021632
	-0.042684	0.008935	0.019648	0.001202	0.026055	0.014766
	0.035758	0.057261	-0.015053	-0.028368	0.032169	-0.032537
	0.031848	0.025595	-0.056007	0.004198	0.013442	-0.023273
	0.061204	0.055780	0.002159	-0.043727	-0.023573	0.031193
	0.000598					
y17	-0.061056	0.016800	-0.024427	-0.017332	-0.008967	-0.011389
	0.017587	0.011355	-0.006028	0.017074	-0.042100	0.071247
	0.019414	-0.036321	0.001523	-0.040784	0.023972	-0.058500
	-0.045210	0.001836	-0.000026	-0.000977	0.018342	-0.022024
	-0.029979	-0.044646	0.044216	-0.020555	-0.029194	0.015134
	0.003837					
z17	-0.034595	0.020864	-0.044989	0.018148	0.046967	0.031507
	-0.012276	-0.018725	0.059265	0.002923	-0.000959	-0.009636
	0.022986	-0.036399	0.011077	0.018766	-0.001261	-0.003296
	-0.008327	-0.017221	0.021875	-0.014363	-0.009809	-0.018448
	-0.000311	-0.006543	-0.062892	-0.053933	0.028004	0.042314
	-0.055956					
x18	-0.059841	-0.054598	0.007389	0.008156	-0.013083	-0.019464
	-0.044517	0.017767	0.017985	-0.000051	0.018020	0.015964
	0.031636	0.068015	-0.012857	-0.034290	0.025493	-0.018869
	0.022013	0.024409	-0.037289	0.020927	0.020771	-0.018057
	0.045311	0.067348	-0.002745	-0.038842	-0.027982	0.030313
	0.018162					
y18	-0.062840	0.011437	-0.021508	-0.017311	-0.012546	-0.003564
	0.017788	0.012876	-0.010242	0.011144	-0.043388	0.070786
	0.017716	-0.030672	0.003522	-0.049038	0.030744	-0.059769
	-0.045169	0.009556	-0.000844	-0.003399	0.028206	-0.012663
	-0.022634	-0.035424	0.047851	-0.038415	-0.034118	-0.006582
	0.020369					

z18	-0.043022	0.020127	-0.047643	0.026987	0.045991	0.035063
	-0.013385	-0.024841	0.062616	0.001161	-0.008047	-0.011202
	0.029007	-0.031741	0.007827	-0.007404	-0.021960	-0.025737
	0.012631	-0.018274	0.032567	-0.033783	-0.024676	0.003896
	0.005774	-0.021990	-0.052532	-0.057355	0.028013	0.046041
	-0.051111					
x19	-0.054669	-0.057303	0.010804	-0.000390	-0.009965	-0.019273
	-0.041657	0.018757	0.015990	-0.005396	0.008009	0.014302
	0.027715	0.085252	-0.002676	-0.028106	0.014357	-0.001909
	0.022077	-0.000043	0.000494	0.023338	0.016266	-0.005182
	0.046905	0.059957	-0.030740	-0.025112	-0.042903	0.034646
	0.034737					
y19	-0.063323	0.006083	-0.017719	-0.019497	-0.014793	0.006786
	0.020040	0.020398	-0.013941	0.005782	-0.038826	0.071265
	0.013435	-0.017669	0.010497	-0.047308	0.044176	-0.062476
	-0.052840	0.009346	-0.009012	-0.011097	0.043920	-0.007240
	-0.005351	-0.018745	0.032781	-0.037910	-0.035930	-0.037607
	0.044623					
z19	-0.047819	0.019496	-0.041906	0.035752	0.040345	0.037466
	-0.011930	-0.001734	0.060548	-0.002305	-0.012859	0.007912
	0.046160	-0.034328	0.005476	-0.004161	-0.032583	-0.046034
	0.003932	-0.000042	0.015923	-0.032796	-0.013318	0.007676
	-0.005154	-0.002808	-0.061476	-0.024539	0.061439	0.036583
	-0.025306					
x20	-0.048052	-0.057865	0.016729	-0.007983	-0.007852	-0.019054
	-0.042478	0.028128	0.015124	-0.012257	0.001635	0.022692
	0.029593	0.093875	0.005262	-0.024623	-0.001827	0.019974
	0.027324	-0.002869	0.032361	0.031305	0.021571	0.014995
	0.032464	0.055182	-0.048939	-0.016640	-0.039170	0.037829
	0.062293					
y20	-0.062011	0.001254	-0.014525	-0.018458	-0.019219	0.014189
	0.019041	0.029716	-0.010926	-0.002613	-0.033665	0.071588
	0.014030	-0.002350	0.018271	-0.041838	0.061749	-0.055569
	-0.046462	0.017520	-0.023030	-0.012725	0.064893	0.002028
	0.007012	-0.003131	0.025243	-0.043749	-0.036041	-0.073048
	0.055974					
z20	-0.054165	0.013835	-0.039094	0.042872	0.038943	0.041106
	-0.007711	0.004925	0.061793	-0.009638	-0.026233	0.007792
	0.054286	-0.015607	0.014023	0.001503	-0.032211	-0.058694
	-0.002590	-0.007228	0.019670	-0.042394	-0.015614	0.023574
	-0.007976	0.021807	-0.082549	0.004282	0.049888	0.029198
	0.000886					

x21	-0.032692	-0.044582	0.015823	-0.016031	-0.011779	-0.031567
	-0.035355	0.021154	-0.017029	-0.013197	0.011156	0.005917
	0.019239	0.095892	-0.007616	-0.019639	0.010550	0.035404
	0.019956	0.003926	0.036441	0.026045	-0.003607	0.003119
	0.035375	0.015739	-0.038344	-0.027323	-0.020897	0.007469
	0.022230					
y21	-0.052649	-0.001178	-0.017652	-0.010974	-0.025577	0.014383
	0.015077	0.017970	-0.018105	-0.002181	-0.024771	0.065909
	0.007724	0.009387	-0.000192	-0.029692	0.038467	-0.047042
	-0.030363	0.007173	-0.022039	-0.008738	0.061098	0.018136
	-0.022258	0.017289	0.018999	-0.025173	-0.052883	-0.082975
	-0.010497					
z21	-0.058545	0.012941	-0.036093	0.061422	0.032972	0.026752
	-0.008076	0.013553	0.054361	-0.013770	-0.032898	0.005363
	0.066132	-0.008032	-0.011068	-0.002422	-0.028514	-0.060289
	0.002709	-0.015544	0.018007	-0.028724	-0.005958	0.018328
	-0.030877	0.036345	-0.065587	0.009813	0.043146	0.020710
	0.004629					
x22	-0.019943	-0.037049	0.017857	-0.027119	-0.013293	-0.034673
	-0.032662	0.023478	-0.024625	-0.006749	0.012695	0.003309
	0.018121	0.090811	-0.015990	-0.021619	0.027575	0.047264
	0.008822	0.005171	0.064613	0.025149	-0.009703	0.006986
	0.038600	-0.009517	-0.018086	-0.029102	-0.011140	0.002857
	0.005829					
y22	-0.046189	-0.002452	-0.019394	-0.001301	-0.028963	0.011710
	0.011727	0.011134	-0.022688	-0.005821	-0.012852	0.056039
	0.012379	0.024426	-0.018973	-0.014883	0.027460	-0.036681
	-0.012657	-0.004720	-0.017244	-0.014390	0.062781	0.026313
	-0.046104	0.023923	0.005614	-0.003138	-0.056616	-0.101673
	-0.039881					
z22	-0.058834	0.013615	-0.036825	0.075575	0.020929	0.013285
	-0.008481	0.017096	0.039317	-0.019188	-0.037819	-0.003812
	0.059322	0.000620	-0.024956	-0.005059	-0.021176	-0.051358
	0.012743	-0.013652	0.010910	-0.010018	-0.010426	0.026911
	-0.038487	0.056677	-0.040995	-0.009445	0.026887	0.009673
	-0.023513					
x23	-0.010505	-0.030611	0.018739	-0.035245	-0.007910	-0.037819
	-0.025281	0.023651	-0.038335	-0.005379	0.026643	0.003238
	0.014785	0.078030	-0.024902	-0.026677	0.036355	0.040699
	-0.021027	0.006537	0.067693	0.014151	-0.008352	-0.013431
	0.047189	-0.023761	-0.003913	-0.017097	0.010698	-0.004402
	0.022882					

y23	-0.039381	-0.007536	-0.015975	0.004344	-0.028264	0.010314
	0.013452	0.010503	-0.030952	0.001525	0.000894	0.058636
	0.010524	0.022036	-0.035628	-0.011195	0.010879	-0.044410
	-0.023314	-0.006884	-0.030212	-0.014833	0.068647	0.026135
	-0.044309	0.033892	-0.001728	0.029171	-0.051542	-0.111822
	-0.044721					
z23	-0.059858	0.012739	-0.036650	0.086040	0.008559	0.001458
	-0.009970	0.020686	0.025362	-0.028947	-0.043362	-0.015523
	0.060662	0.015037	-0.032709	0.002855	-0.000534	-0.030770
	0.029965	-0.018725	0.019537	0.009459	-0.015836	0.036061
	-0.053403	0.065254	-0.029224	-0.032106	0.010662	-0.008013
	-0.047791					
x24	-0.002214	-0.022977	0.017833	-0.046266	-0.006213	-0.033820
	-0.021551	0.027190	-0.032941	-0.002292	0.027795	-0.000410
	0.010595	0.063172	-0.020400	-0.029476	0.026816	0.039372
	-0.028711	0.006768	0.069109	0.017732	-0.006265	-0.030216
	0.046281	-0.021096	0.017942	-0.003533	0.019749	0.011411
	0.005108					
y24	-0.033835	-0.010152	-0.012803	0.010316	-0.025476	0.007917
	0.012643	0.009603	-0.036525	0.005135	0.012300	0.056503
	0.009342	0.021031	-0.045014	-0.005508	-0.008667	-0.047290
	-0.018676	-0.003497	-0.051475	-0.013772	0.069175	0.020301
	-0.042174	0.047666	-0.014324	0.050788	-0.043101	-0.110571
	-0.056603					
z24	-0.060971	0.008120	-0.033578	0.089883	-0.002751	-0.005123
	-0.012310	0.026780	0.006134	-0.030254	-0.045364	-0.017116
	0.059273	0.020264	-0.034089	0.004795	0.020960	-0.020684
	0.025459	-0.018438	0.035820	0.023744	-0.020250	0.047704
	-0.050656	0.069809	-0.016415	-0.039849	0.002413	-0.024265
	-0.044866					
x25	0.004415	-0.010300	0.009626	-0.051961	-0.010236	-0.034119
	-0.015382	0.029551	-0.018540	-0.004524	0.020676	-0.014818
	0.005128	0.055326	-0.019070	-0.032313	0.015455	0.041693
	-0.003781	0.002118	0.070444	0.015867	-0.017607	-0.023304
	0.040215	-0.024035	0.043083	0.000595	0.018643	0.007625
	-0.041829					
y25	-0.028668	-0.007256	-0.015509	0.020184	-0.025884	0.003503
	0.009813	0.008487	-0.028237	0.011199	0.016273	0.041322
	0.004020	0.024415	-0.051615	0.000802	-0.013023	-0.039662
	0.008431	-0.001951	-0.064149	-0.018396	0.052128	0.030582
	-0.026415	0.048497	-0.009954	0.056096	-0.047013	-0.111256
	-0.099878					

z25	-0.063414	0.002088	-0.029033	0.091480	-0.012467	-0.009351
	-0.016525	0.031742	-0.017643	-0.025214	-0.044969	-0.016352
	0.060689	0.020141	-0.021691	0.008100	0.033828	-0.016408
	0.024644	-0.006921	0.051062	0.036642	-0.023666	0.058918
	-0.057921	0.075629	-0.012039	-0.035920	0.001225	-0.024272
	-0.047526					
x26	0.007019	-0.001609	0.004680	-0.062588	-0.008306	-0.029447
	-0.005332	0.035203	-0.003320	-0.019538	0.010428	-0.029721
	0.001942	0.048914	-0.017491	-0.045235	0.011836	0.025285
	-0.005724	-0.014521	0.082499	0.001339	-0.006285	-0.031405
	0.011865	-0.018905	0.046244	0.003829	0.019816	0.017685
	-0.049557					
y26	-0.025361	-0.007225	-0.012415	0.023652	-0.021924	0.002619
	0.013861	0.015247	-0.023735	0.010957	0.014961	0.034478
	-0.001792	0.017403	-0.060906	0.000094	-0.006561	-0.047182
	-0.005746	-0.006195	-0.062803	-0.018627	0.059650	0.018377
	-0.017148	0.051091	-0.018078	0.049805	-0.042447	-0.084589
	-0.091413					
z26	-0.065950	-0.006444	-0.022660	0.086722	-0.021231	-0.013466
	-0.025567	0.033208	-0.043298	-0.020184	-0.047892	-0.016754
	0.057093	0.020044	-0.001027	0.007481	0.051235	-0.005637
	0.017608	0.003945	0.059056	0.047084	-0.021494	0.065970
	-0.045570	0.073260	-0.018844	-0.036130	-0.002383	-0.029602
	-0.045993					
x27	0.010032	0.004948	-0.009481	-0.072889	-0.005849	-0.018430
	0.001926	0.031084	0.012952	-0.025488	0.021215	-0.039307
	0.001272	0.023520	-0.021168	-0.059959	-0.013063	0.022377
	0.005953	-0.021365	0.090085	0.002831	0.004029	-0.041679
	0.013635	-0.023139	0.069049	0.008295	-0.003359	0.028475
	0.000333					
y27	-0.021718	-0.008924	-0.013293	0.023038	-0.018406	0.007212
	0.011901	0.018821	-0.026785	0.023576	0.022522	0.032522
	-0.007466	-0.003107	-0.072106	-0.006970	-0.002154	-0.041790
	-0.011177	-0.001299	-0.052017	-0.007611	0.068175	0.012016
	0.029151	0.024553	0.001712	0.048863	-0.047487	-0.066080
	-0.033593					
z27	-0.069476	-0.017405	-0.015882	0.077061	-0.030168	-0.013514
	-0.038141	0.033326	-0.074314	-0.013958	-0.050428	-0.013544
	0.054877	0.014983	0.022144	0.008192	0.070240	0.004618
	0.007347	0.015866	0.073756	0.056213	-0.011928	0.073542
	-0.037316	0.060929	-0.037959	-0.031835	-0.002477	-0.028226
	-0.041166					

x28	0.010121	0.011967	-0.021283	-0.080846	-0.001842	-0.004101
	0.017078	0.032864	0.027513	-0.037228	0.033449	-0.052052
	0.002824	0.006136	-0.015936	-0.073072	-0.052419	0.001432
	0.026250	-0.025630	0.089946	0.004299	-0.006092	-0.065055
	0.006807	-0.006373	0.082139	0.016046	-0.011868	0.048569
	0.033448					
y28	-0.017611	-0.012015	-0.009791	0.023316	-0.009889	0.013540
	0.018503	0.032079	-0.030690	0.040471	0.034455	0.029369
	-0.010041	-0.017456	-0.068713	-0.000077	0.004115	-0.046071
	-0.017366	0.004222	-0.044476	0.010446	0.054137	-0.013939
	0.092650	0.021856	-0.000848	0.047665	-0.043547	-0.033848
	0.023618					
z28	-0.073364	-0.029593	-0.008490	0.061914	-0.039932	-0.010774
	-0.051381	0.031797	-0.113520	-0.004255	-0.049782	-0.007254
	0.051708	0.006958	0.051542	0.007704	0.084261	0.010733
	-0.003829	0.033291	0.083304	0.060576	-0.005169	0.078796
	-0.016819	0.037253	-0.061738	-0.020054	0.007454	-0.024219
	-0.026606					
x29	0.010127	0.021523	-0.029740	-0.078585	0.002244	0.000644
	0.034641	0.043082	0.049683	-0.068718	0.051225	-0.070773
	0.011536	0.000570	0.008456	-0.054852	-0.071494	-0.005420
	0.058782	-0.046746	0.076044	-0.005023	-0.000185	-0.080702
	-0.024891	0.021652	0.091100	0.044477	0.002965	0.034335
	-0.007412					
y29	-0.011299	-0.010949	0.000781	0.032228	0.003609	0.007596
	0.035954	0.057782	-0.018710	0.045167	0.055142	0.023961
	-0.014722	-0.028316	-0.044852	0.029161	0.023100	-0.047791
	-0.032353	0.019968	-0.063598	0.023491	0.019759	-0.038841
	0.146517	0.046990	0.020731	0.043993	-0.005204	-0.031654
	0.002261					
z29	-0.075934	-0.043040	0.002877	0.049165	-0.046834	-0.012554
	-0.057513	0.030613	-0.149471	0.005551	-0.041327	-0.005765
	0.050347	0.000447	0.100759	0.008946	0.101177	0.014425
	-0.017133	0.062697	0.080305	0.067478	-0.016132	0.075741
	-0.002160	0.027847	-0.087139	-0.004834	0.030409	-0.026364
	-0.034816					
x30	0.006333	0.018472	-0.032289	-0.065418	0.021875	0.018662
	0.031071	0.046661	0.045296	-0.066480	0.063625	-0.087458
	0.038547	-0.023127	0.026423	-0.024046	-0.088326	-0.049160
	0.054785	-0.018198	0.063578	0.016678	-0.027241	-0.116902
	-0.060797	0.029328	0.101575	0.095387	-0.024888	0.028402
	-0.012925					

y30	0.004017	-0.011145	0.011056	0.036727	0.014752	-0.009095
	0.048424	0.074704	-0.007765	0.034132	0.064491	0.014692
	-0.029407	-0.035340	-0.017881	0.009697	-0.008248	-0.031511
	-0.045873	0.032203	-0.029757	0.006178	0.002456	-0.024411
	0.111828	0.053918	-0.012436	0.034143	0.009849	-0.008179
	-0.036900					
z30	-0.067056	-0.042755	-0.002291	0.036193	-0.042575	-0.026289
	-0.026821	0.031100	-0.110899	-0.009362	-0.019565	-0.011050
	0.055053	-0.001522	0.101695	-0.018683	0.085495	-0.009354
	0.002455	0.054401	0.036274	0.066296	-0.029121	0.011152
	0.017277	0.057507	-0.042078	0.028936	0.011138	-0.015272
	-0.032343					
x31	0.013960	0.012013	-0.024586	-0.056291	0.042371	0.018653
	0.032501	0.054730	0.047702	-0.069011	0.070093	-0.082256
	0.071000	-0.023795	0.042481	0.022917	-0.093453	-0.044897
	0.060301	-0.036869	0.071000	0.013008	-0.032250	-0.108882
	-0.059789	-0.018924	0.058689	0.130154	-0.046622	0.013077
	0.011084					
y31	0.026401	-0.014065	0.024400	0.037676	0.033622	-0.035983
	0.065201	0.084070	0.006710	0.022836	0.070153	0.014314
	-0.029229	-0.019821	0.001582	-0.005267	-0.040766	0.000018
	-0.067174	0.018153	0.003929	-0.016505	-0.010873	0.004942
	0.081781	-0.003951	-0.061819	0.000877	-0.008721	-0.004817
	-0.014232					
z31	-0.048144	-0.046399	-0.003276	0.028963	-0.029539	-0.049120
	0.013289	0.033727	-0.068845	-0.027655	0.003959	-0.016880
	0.070492	0.012039	0.109017	-0.030254	0.078997	-0.016599
	0.002687	0.033823	0.007669	0.059824	-0.052265	-0.043444
	0.044577	0.032228	-0.047829	0.055884	-0.029615	-0.001811
	0.019917					
x32	0.018451	0.007026	-0.017124	-0.053268	0.056113	0.022095
	0.029124	0.054229	0.046784	-0.059637	0.068973	-0.073192
	0.085908	-0.027444	0.055873	0.054987	-0.086600	-0.041128
	0.053593	-0.049795	0.063036	0.015538	-0.034841	-0.090207
	-0.062570	-0.038989	0.037958	0.135225	-0.041770	-0.008606
	0.002605					
y32	0.042225	-0.014285	0.041238	0.032285	0.043029	-0.057944
	0.072403	0.093326	0.016659	0.016930	0.065059	0.017379
	-0.036654	0.002315	0.002635	-0.021488	-0.077482	0.030184
	-0.066559	-0.003645	0.029461	-0.029335	-0.019997	0.052431
	0.045895	-0.058523	-0.084067	-0.043707	-0.006081	-0.015911
	-0.021670					

z32	-0.029347	-0.047874	0.002270	0.013800	-0.022382	-0.067275
	0.040234	0.043052	-0.031977	-0.036298	0.020500	-0.011963
	0.080877	0.034714	0.107609	-0.017327	0.077144	-0.008400
	0.005102	-0.002107	-0.014769	0.057359	-0.044583	-0.056861
	0.064349	-0.006624	-0.054615	0.066527	-0.038550	-0.016915
	0.022538					
x33	0.021201	0.002972	-0.013220	-0.049456	0.064436	0.027442
	0.024735	0.045945	0.042201	-0.048119	0.065468	-0.068580
	0.091222	-0.032787	0.063509	0.068689	-0.075027	-0.037382
	0.038250	-0.049690	0.053619	0.017227	-0.042157	-0.078440
	-0.060601	-0.045897	0.021989	0.124611	-0.033226	-0.020666
	-0.011953					
y33	0.051954	-0.013942	0.050023	0.030391	0.049879	-0.072545
	0.070801	0.096490	0.024144	0.012846	0.052698	0.017612
	-0.044253	0.013603	0.012099	-0.041075	-0.103050	0.050033
	-0.062198	-0.020412	0.036430	-0.032491	-0.033106	0.071108
	0.016204	-0.069914	-0.083222	-0.068426	0.006106	-0.033301
	-0.009880					
z33	-0.017476	-0.045160	0.002767	-0.002371	-0.014254	-0.074908
	0.053576	0.040755	-0.017833	-0.032752	0.020914	0.002615
	0.070029	0.032483	0.103849	-0.033072	0.063973	-0.002214
	0.006357	-0.033926	-0.037991	0.065255	-0.046260	-0.059309
	0.068968	-0.028840	-0.022866	0.035259	-0.016767	-0.043298
	0.021049					
x34	0.024559	-0.002027	-0.009467	-0.046458	0.068881	0.029258
	0.021903	0.033124	0.038673	-0.037389	0.054558	-0.064572
	0.093862	-0.034885	0.066523	0.072516	-0.060240	-0.031770
	0.022529	-0.041929	0.039978	0.016494	-0.049684	-0.073368
	-0.054450	-0.048508	0.002746	0.106342	-0.031030	-0.020948
	-0.022645					
y34	0.055414	-0.013796	0.052092	0.034812	0.050697	-0.077081
	0.064798	0.096177	0.031314	0.009847	0.042102	0.003480
	-0.044128	0.025482	0.015462	-0.062148	-0.117853	0.057703
	-0.061012	-0.028795	0.036614	-0.036588	-0.042889	0.072663
	-0.004202	-0.053281	-0.078804	-0.063638	0.009440	-0.033555
	0.004297					
z34	-0.009598	-0.041687	-0.002541	-0.009048	-0.007641	-0.073112
	0.064819	0.043739	-0.010686	-0.033416	0.021846	0.003354
	0.065149	0.028677	0.091608	-0.045632	0.055556	0.011095
	0.006881	-0.060154	-0.044250	0.062425	-0.037995	-0.057814
	0.069541	-0.032543	-0.013399	0.046005	-0.005602	-0.044979
	0.026194					

x35	0.028740	-0.006949	-0.007417	-0.045941	0.069431	0.028095
	0.021442	0.016946	0.035210	-0.023961	0.039795	-0.061169
	0.088025	-0.029802	0.062932	0.065208	-0.041230	-0.024184
	-0.004454	-0.034244	0.014763	0.012110	-0.058849	-0.072959
	-0.039147	-0.039343	-0.030506	0.069044	-0.015868	-0.014583
	-0.039363					
y35	0.054127	-0.015074	0.052308	0.041767	0.047194	-0.075690
	0.050283	0.088168	0.036171	0.008764	0.027960	-0.013107
	-0.036569	0.038068	0.020162	-0.077192	-0.125873	0.055437
	-0.048128	-0.031158	0.039388	-0.034403	-0.051223	0.061377
	-0.024367	-0.030188	-0.051846	-0.040319	-0.006241	-0.040502
	0.024317					
z35	-0.006066	-0.038503	-0.005936	-0.011553	-0.002606	-0.062621
	0.064630	0.044142	-0.016555	-0.033598	0.012138	0.004631
	0.063803	0.017620	0.076864	-0.050688	0.044078	0.029832
	0.026299	-0.068025	-0.023758	0.059270	-0.021145	-0.049175
	0.050233	-0.049958	0.015553	0.065011	-0.028652	-0.033573
	0.054109					
x36	0.035260	-0.011411	-0.006003	-0.048416	0.064621	0.027009
	0.018077	-0.000235	0.032377	-0.006764	0.017817	-0.055835
	0.073251	-0.021182	0.043902	0.039556	-0.022143	-0.001624
	-0.032314	-0.033375	0.001460	0.003937	-0.062758	-0.063064
	-0.022656	-0.024443	-0.057556	0.020262	0.013024	-0.019413
	-0.069698					
y36	0.046965	-0.016061	0.046747	0.051997	0.039193	-0.068256
	0.031353	0.071584	0.038807	0.008682	0.011148	-0.034255
	-0.024683	0.052799	0.027453	-0.090039	-0.124439	0.034168
	-0.039975	-0.023082	0.024256	-0.028462	-0.058056	0.028843
	-0.033862	0.003289	-0.019560	-0.018847	-0.023276	-0.032828
	0.055112					
z36	-0.006508	-0.036542	-0.010783	-0.011320	0.002736	-0.051323
	0.065736	0.041675	-0.030825	-0.028459	0.002141	0.005065
	0.059461	0.010844	0.073482	-0.045237	0.038739	0.041179
	0.032921	-0.063624	-0.022272	0.052130	-0.006593	-0.045961
	0.033513	-0.057003	0.019758	0.061491	-0.052032	-0.006078
	0.088433					
x37	0.041544	-0.012792	-0.009249	-0.051706	0.060623	0.023706
	0.014882	-0.025517	0.029719	0.011055	-0.026639	-0.053496
	0.052333	-0.009120	0.029475	-0.012708	-0.002853	0.043666
	-0.058690	-0.036565	-0.010746	0.000752	-0.051353	-0.048875
	-0.017240	0.005885	-0.045220	-0.040456	0.046196	-0.031320
	-0.062269					

y37	0.035718	-0.018887	0.036526	0.063821	0.024725	-0.052652
	0.006217	0.052916	0.040486	0.010276	-0.004305	-0.055951
	-0.007851	0.067122	0.022630	-0.099155	-0.116296	-0.003794
	-0.031151	-0.013702	0.002477	-0.020910	-0.070688	-0.017843
	-0.034070	0.043511	0.008608	0.006349	-0.037091	-0.033195
	0.076594					
z37	-0.004727	-0.038272	-0.018426	-0.010351	0.006225	-0.030155
	0.059361	0.043841	-0.048093	-0.016497	-0.008823	0.006271
	0.053974	0.002630	0.058344	-0.030518	0.036001	0.048955
	0.036271	-0.063998	-0.021294	0.032878	0.009163	-0.029117
	0.008018	-0.058329	-0.016420	0.039104	-0.057874	-0.006241
	0.064221					
x38	0.039795	-0.009864	0.000097	-0.056305	0.045463	0.018472
	0.018426	-0.051718	0.005973	0.018897	-0.064768	-0.046787
	0.023134	-0.018999	0.007181	-0.052393	0.039250	0.092099
	-0.082604	-0.024627	-0.050297	-0.004331	-0.041989	-0.015750
	-0.007025	0.052179	-0.041791	-0.057845	0.046751	0.020957
	-0.044938					
y38	0.024172	-0.025992	0.023210	0.075128	0.008407	-0.033244
	-0.023373	0.024329	0.053570	0.018114	-0.027822	-0.090560
	0.017165	0.084334	0.020261	-0.122119	-0.106221	-0.052690
	-0.019655	0.005020	-0.034479	-0.006926	-0.095164	-0.073236
	-0.035404	0.110021	0.049123	0.007248	-0.053437	-0.059481
	0.101257					
z38	-0.000265	-0.040703	-0.032654	-0.004083	0.014778	-0.004529
	0.046263	0.041071	-0.070398	-0.000054	-0.032675	0.003652
	0.050079	-0.009587	0.032087	-0.025685	0.024171	0.061646
	0.031927	-0.069181	-0.001763	0.015098	0.021408	-0.008603
	-0.028257	-0.070857	-0.049279	-0.016040	-0.040454	-0.042802
	0.042724					
x39	0.036692	-0.006683	0.007851	-0.054864	0.039762	0.010283
	0.022310	-0.047065	-0.010240	0.019835	-0.066372	-0.050443
	0.020591	-0.021004	-0.002473	-0.041244	0.049007	0.109362
	-0.074087	-0.008357	-0.042996	0.000443	-0.028018	0.003170
	0.016149	0.044367	-0.046057	-0.033773	0.021133	0.030699
	-0.032118					
y39	0.016644	-0.013026	0.019659	0.063612	0.006631	-0.030612
	-0.025439	0.029387	0.056804	0.018252	-0.027497	-0.104838
	0.039137	0.055465	0.013468	-0.099802	-0.084075	-0.052997
	0.000620	0.032730	-0.031247	-0.010374	-0.083625	-0.013631
	-0.018792	0.057917	0.061635	0.011593	-0.031257	-0.040242
	0.115766					

z39	0.002395	-0.041213	-0.034072	-0.002853	0.010544	-0.010165
	0.042952	0.040187	-0.065268	0.005141	-0.042424	0.011829
	0.047016	-0.007137	0.015765	-0.004667	0.005505	0.035093
	0.055241	-0.067422	-0.026988	0.021850	0.004828	-0.002820
	-0.045795	-0.070933	-0.027207	-0.012022	-0.026151	-0.069180
	0.044929					
x40	0.032455	-0.005712	0.011843	-0.053243	0.040594	0.005574
	0.023195	-0.045904	-0.026633	0.026187	-0.063308	-0.055464
	0.020188	-0.021260	-0.007318	-0.042536	0.050861	0.116033
	-0.064454	0.004662	-0.035135	0.003163	-0.008199	0.013092
	0.037924	0.033616	-0.035077	-0.023786	0.004007	0.038255
	-0.023760					
y40	0.010380	-0.000428	0.016688	0.052502	0.002624	-0.030242
	-0.026058	0.033786	0.058718	0.015788	-0.029758	-0.113769
	0.054296	0.032452	0.006716	-0.078655	-0.063362	-0.049410
	0.019775	0.056520	-0.029259	-0.011067	-0.075733	0.036722
	-0.003262	0.020145	0.061186	0.020772	-0.010996	-0.025190
	0.125307					
z40	0.004441	-0.039718	-0.033816	-0.003150	0.005460	-0.017166
	0.041737	0.040118	-0.061140	0.007665	-0.048415	0.021796
	0.041829	-0.002630	0.001246	0.017632	-0.003370	0.018417
	0.076297	-0.062879	-0.047955	0.028362	-0.013064	0.011713
	-0.055532	-0.068085	-0.013135	0.000692	-0.012023	-0.083950
	0.036888					
x41	0.028985	-0.005940	0.010820	-0.048614	0.041575	0.004650
	0.020507	-0.041525	-0.038937	0.033602	-0.065156	-0.058454
	0.023920	-0.023332	0.001231	-0.032647	0.047308	0.107769
	-0.047866	0.011917	-0.031796	0.015048	-0.007541	0.022650
	0.042941	0.022011	-0.023809	-0.009338	-0.011126	0.030558
	-0.000144					
y41	0.004199	0.010963	0.014829	0.042454	-0.000296	-0.031576
	-0.025633	0.034578	0.057814	0.012480	-0.029093	-0.119344
	0.061534	0.016576	-0.001165	-0.063462	-0.046676	-0.042186
	0.032265	0.071530	-0.030735	-0.018191	-0.060466	0.072861
	0.010796	-0.009021	0.052541	0.023737	0.007210	-0.009821
	0.122723					
z41	0.005391	-0.036936	-0.032943	-0.008561	0.003250	-0.021834
	0.039751	0.036818	-0.055647	0.008594	-0.049042	0.031716
	0.035591	0.002607	-0.010803	0.029009	-0.006085	0.008905
	0.088754	-0.054672	-0.060389	0.034203	-0.022352	0.024834
	-0.052464	-0.062368	0.002030	0.009653	0.000916	-0.083819
	0.018838					

x42	0.024424	-0.003396	0.008275	-0.045582	0.044064	0.005795
	0.018694	-0.037295	-0.044722	0.038100	-0.066375	-0.067289
	0.028030	-0.026615	0.014298	-0.020513	0.041710	0.097545
	-0.033234	0.017978	-0.043907	0.011233	0.011528	0.034020
	0.045411	0.005265	-0.020079	-0.001191	-0.009856	0.023048
	-0.000908					
y42	-0.000980	0.018439	0.012443	0.032936	-0.001221	-0.032714
	-0.026757	0.034000	0.057753	0.011656	-0.029729	-0.112785
	0.060690	0.003858	-0.005106	-0.049317	-0.029811	-0.034503
	0.041384	0.076425	-0.018428	-0.015313	-0.055901	0.097617
	0.025626	-0.027161	0.043292	0.029108	0.011149	-0.000106
	0.111191					
z42	0.007228	-0.034824	-0.032507	-0.012955	0.002079	-0.024818
	0.035006	0.031591	-0.051567	0.009170	-0.045361	0.041267
	0.028976	0.011008	-0.017695	0.036440	-0.010679	0.000486
	0.093177	-0.049435	-0.069527	0.037532	-0.034283	0.029657
	-0.053402	-0.050438	0.018414	0.011664	0.013383	-0.077318
	0.012945					
x43	0.019860	0.001856	0.002832	-0.045967	0.048306	0.005977
	0.015093	-0.036181	-0.050997	0.039588	-0.067439	-0.070461
	0.026241	-0.028905	0.022336	-0.009750	0.028701	0.087966
	-0.015591	0.025645	-0.049382	0.014522	0.022525	0.050816
	0.050366	-0.008625	-0.021181	0.001192	-0.002841	0.024327
	-0.004209					
y43	-0.006463	0.023592	0.009211	0.024089	0.000180	-0.031524
	-0.028491	0.031882	0.060810	0.013656	-0.027654	-0.099804
	0.054497	-0.003274	-0.003541	-0.036853	-0.010444	-0.027870
	0.043160	0.069013	-0.005988	-0.011843	-0.046945	0.105117
	0.037026	-0.031688	0.035172	0.034221	0.008986	0.002963
	0.085905					
z43	0.009784	-0.034013	-0.031857	-0.016274	0.000722	-0.025249
	0.029151	0.026811	-0.047174	0.009070	-0.039727	0.047248
	0.021697	0.019244	-0.019260	0.039944	-0.013938	-0.006724
	0.090245	-0.046150	-0.078617	0.033552	-0.042019	0.030256
	-0.057395	-0.037699	0.033051	0.011039	0.025767	-0.068276
	0.007227					
x44	0.015552	0.006973	-0.001976	-0.046270	0.053518	0.007847
	0.011921	-0.039715	-0.051768	0.038028	-0.066550	-0.067596
	0.019934	-0.025219	0.028411	-0.003521	0.012889	0.073935
	0.001341	0.033465	-0.054533	0.024463	0.030597	0.055955
	0.046861	-0.012876	-0.023685	-0.005686	0.010910	0.030474
	-0.018388					

y44	-0.012675	0.028132	0.002397	0.016972	0.004116	-0.031958
	-0.030710	0.028978	0.060224	0.013840	-0.022349	-0.081507
	0.043153	-0.004787	0.002081	-0.022686	0.006811	-0.020453
	0.041704	0.049654	0.005363	-0.010749	-0.034688	0.102789
	0.043268	-0.028367	0.025674	0.040278	0.006340	-0.006414
	0.056526					
z44	0.013421	-0.032746	-0.031178	-0.021077	-0.000811	-0.023671
	0.023166	0.022570	-0.041899	0.011854	-0.032254	0.050867
	0.013063	0.026276	-0.015827	0.038306	-0.014999	-0.012033
	0.082343	-0.040671	-0.086741	0.026304	-0.052191	0.034149
	-0.056488	-0.024006	0.050084	0.009981	0.042766	-0.050710
	-0.001960					
x45	0.011179	0.012339	-0.011038	-0.050848	0.060972	0.015699
	0.008438	-0.039625	-0.046097	0.034251	-0.058467	-0.057467
	0.004401	-0.022178	0.040014	0.009102	-0.004057	0.048527
	0.007989	0.029886	-0.053068	0.027635	0.031140	0.058696
	0.042953	-0.012137	-0.026823	-0.017851	0.035431	0.030573
	-0.036817					
y45	-0.019317	0.033161	-0.005477	0.015513	0.009999	-0.038802
	-0.030559	0.019521	0.050006	0.006717	-0.013964	-0.059984
	0.026992	0.001284	0.007658	-0.009838	0.018614	-0.009626
	0.041440	0.023157	0.003545	-0.010061	-0.019186	0.084341
	0.038148	-0.023132	0.016177	0.042652	0.007945	-0.032917
	0.022948					
z45	0.018039	-0.031293	-0.031629	-0.028375	-0.001516	-0.018426
	0.015393	0.019044	-0.032783	0.021502	-0.022432	0.053406
	0.006590	0.034712	-0.005361	0.031589	-0.013345	-0.017522
	0.070937	-0.031096	-0.089184	0.018312	-0.067219	0.044770
	-0.054295	-0.003830	0.066832	0.007462	0.064159	-0.013470
	-0.022222					
x46	0.008229	0.014596	-0.018279	-0.056411	0.068975	0.025748
	-0.000007	-0.039686	-0.038870	0.030247	-0.051712	-0.043449
	-0.014426	-0.017069	0.055493	0.024712	-0.025002	0.030842
	0.011282	0.020247	-0.052002	0.020616	0.038528	0.052407
	0.039739	0.000560	-0.031790	-0.027075	0.054242	0.033639
	-0.052908					
y46	-0.024772	0.038003	-0.014965	0.014430	0.015234	-0.045437
	-0.029858	0.010346	0.041924	0.003695	-0.007697	-0.035207
	0.007165	0.009194	0.018611	-0.000769	0.023027	-0.002965
	0.039486	-0.007978	0.000221	-0.009087	-0.012423	0.063308
	0.028341	-0.011438	0.002720	0.038139	0.014095	-0.061611
	-0.016902					

z46	0.021482	-0.028356	-0.034277	-0.036109	0.000721	-0.009822
	0.006219	0.015577	-0.025682	0.031362	-0.005911	0.054397
	-0.000914	0.045606	0.010948	0.024874	-0.009874	-0.024274
	0.058133	-0.024256	-0.089881	0.006264	-0.079882	0.057583
	-0.052284	0.012687	0.082721	0.006758	0.090315	0.032769
	-0.049875					
x47	0.014952	0.010771	0.035029	-0.029730	0.058495	0.039441
	0.028894	0.003111	-0.104753	-0.028652	-0.022206	0.008226
	-0.074695	0.046439	-0.050028	0.086635	0.004921	0.106437
	0.024864	0.001946	-0.031668	0.049417	0.048543	0.045087
	0.052910	0.078266	0.007038	-0.012779	0.046701	-0.076473
	0.045387					
y47	-0.033512	0.045430	-0.048545	0.033376	0.041297	-0.070590
	-0.050670	-0.063357	0.036397	0.036233	0.037507	0.026096
	-0.043429	0.056649	0.029248	-0.016385	0.018966	0.021673
	-0.035093	0.059623	0.082966	0.023785	0.071220	-0.045470
	0.045767	0.010536	0.024173	0.082938	-0.013429	0.118135
	0.040843					
z47	0.056970	-0.059591	0.001813	-0.045127	0.017600	-0.038358
	0.031536	0.023921	-0.008303	0.064366	-0.001787	0.047560
	-0.038213	0.038673	0.010535	-0.014495	-0.064947	0.059105
	0.010576	-0.070525	-0.022576	-0.069860	0.037646	-0.052779
	0.036592	0.075511	-0.042073	0.045144	0.036162	0.011105
	-0.019325					
x48	0.012413	0.018521	0.035707	-0.023290	0.064583	0.048041
	0.019388	-0.002553	-0.102756	-0.028872	-0.018992	0.011182
	-0.074902	0.036603	-0.028418	0.071696	0.007870	0.088962
	0.007207	0.007748	-0.012758	0.056062	0.039659	0.042992
	0.052376	0.059575	0.012175	-0.012804	0.036375	-0.053204
	0.069160					
y48	-0.035856	0.046339	-0.049664	0.022759	0.038561	-0.072795
	-0.045046	-0.057468	0.032258	0.032913	0.033874	0.028083
	-0.035209	0.056758	0.025505	-0.008826	0.012561	0.013144
	-0.030720	0.053232	0.082967	0.015625	0.065649	-0.042934
	0.050788	0.002867	0.019083	0.067832	-0.007331	0.089762
	0.048549					
z48	0.055931	-0.059994	0.000777	-0.042488	0.016534	-0.035598
	0.027658	0.016942	-0.010305	0.053094	0.000827	0.046229
	-0.036259	0.034694	0.005831	-0.019045	-0.055622	0.043995
	0.008577	-0.048716	-0.016448	-0.069408	0.055953	-0.040396
	0.029102	0.067115	-0.021346	0.048540	0.015229	-0.006960
	-0.020648					

x49	0.008620	0.027743	0.034030	-0.017003	0.067026	0.054666
	0.012950	-0.003052	-0.100173	-0.026154	-0.013510	0.015507
	-0.070339	0.027274	-0.012709	0.062576	0.005791	0.070083
	-0.000478	0.016191	-0.004440	0.061733	0.020224	0.044350
	0.042209	0.051520	0.016834	-0.005221	0.039352	-0.028480
	0.072694					
y49	-0.039145	0.050722	-0.051901	0.016263	0.033940	-0.074956
	-0.035302	-0.049146	0.024288	0.030202	0.034205	0.028623
	-0.029100	0.060640	0.019871	0.001920	0.003224	0.008942
	-0.011583	0.050211	0.069470	0.013907	0.053982	-0.036914
	0.046369	0.008521	0.015069	0.059218	0.009670	0.072396
	0.034212					
z49	0.053944	-0.057554	-0.000342	-0.038048	0.015681	-0.033645
	0.026787	0.011732	-0.014808	0.043374	0.004551	0.042669
	-0.036093	0.034964	-0.001488	-0.019704	-0.045952	0.033916
	0.010489	-0.028828	-0.017167	-0.065454	0.069757	-0.031166
	0.016170	0.068841	-0.006316	0.054325	0.004084	-0.020460
	-0.027845					
x50	0.003639	0.031236	0.033742	-0.015911	0.071709	0.059644
	0.003839	-0.002374	-0.096523	-0.029431	-0.009551	0.017557
	-0.067746	0.015392	0.000064	0.049245	0.007312	0.060693
	-0.014859	0.012859	0.002951	0.065568	0.008408	0.039424
	0.040738	0.042175	0.025051	0.002296	0.028775	-0.013278
	0.083610					
y50	-0.042413	0.051560	-0.053836	0.007963	0.031644	-0.075053
	-0.034365	-0.045803	0.022163	0.022755	0.027047	0.024194
	-0.027227	0.060872	0.018898	0.004666	0.000028	0.024596
	0.003928	0.038124	0.069658	0.023698	0.043693	-0.027827
	0.045365	0.014806	0.027700	0.045670	-0.000807	0.063334
	0.009341					
z50	0.052502	-0.055931	-0.001261	-0.036269	0.016264	-0.028475
	0.021899	0.008453	-0.017899	0.034171	0.003758	0.040365
	-0.038708	0.029696	-0.006879	-0.025579	-0.036717	0.031909
	0.006849	-0.014956	-0.012048	-0.055761	0.078115	-0.016319
	0.011457	0.071156	0.019124	0.054712	-0.015848	-0.022903
	-0.036873					
x51	-0.002832	0.034174	0.033606	-0.015630	0.074356	0.063400
	-0.003631	-0.001639	-0.089032	-0.030823	-0.005299	0.018307
	-0.059416	0.006301	0.006449	0.039296	0.007678	0.048591
	-0.022098	0.010497	0.007713	0.064792	-0.009600	0.031506
	0.029828	0.028634	0.024573	0.013948	0.020857	0.001297
	0.092860					

y51	-0.046322	0.056442	-0.053896	0.000013	0.032010	-0.073028
	-0.032477	-0.042099	0.022454	0.016622	0.024885	0.023666
	-0.023003	0.064392	0.011579	0.006208	0.001404	0.026659
	0.010838	0.030064	0.066380	0.013835	0.028627	-0.017034
	0.035452	0.015717	0.021913	0.052395	-0.001925	0.048474
	0.008933					
z51	0.049937	-0.051256	-0.001711	-0.033981	0.019250	-0.022823
	0.017946	0.002736	-0.018769	0.026135	0.005249	0.037626
	-0.039659	0.030487	-0.015993	-0.029480	-0.026124	0.025052
	0.001007	0.000320	-0.008482	-0.054614	0.077528	-0.001559
	-0.001669	0.069866	0.029475	0.062127	-0.029800	-0.024285
	-0.031996					
x52	-0.008812	0.033146	0.033737	-0.014000	0.074952	0.066520
	-0.009219	0.002298	-0.080742	-0.030879	-0.001989	0.014909
	-0.053637	-0.005346	0.013543	0.027969	0.009758	0.036286
	-0.021548	0.005801	0.008271	0.055714	-0.017098	0.017537
	0.025109	0.007724	0.026413	0.021368	0.013758	0.006691
	0.103517					
y52	-0.047963	0.059352	-0.053936	-0.002230	0.031241	-0.067712
	-0.027353	-0.037160	0.018783	0.012424	0.021261	0.018717
	-0.021586	0.069569	0.013812	0.002988	0.008893	0.032626
	0.026444	0.022296	0.062738	0.012031	0.022959	-0.019267
	0.030375	0.011043	0.012561	0.049041	0.003720	0.043468
	0.017724					
z52	0.048049	-0.045880	-0.001890	-0.028383	0.023431	-0.016981
	0.017750	-0.000413	-0.022205	0.018776	0.008661	0.030565
	-0.041276	0.031245	-0.019150	-0.034746	-0.008321	0.020367
	0.003129	0.012846	-0.006003	-0.048294	0.081105	0.003975
	-0.003300	0.059045	0.037400	0.062008	-0.035897	-0.028898
	-0.018210					
x53	-0.015788	0.031508	0.033875	-0.015951	0.075189	0.067005
	-0.014880	0.006458	-0.070313	-0.031474	0.001356	0.011531
	-0.042113	-0.016428	0.017929	0.019336	0.006884	0.025584
	-0.016322	0.000160	0.007732	0.042461	-0.027681	0.001102
	0.017279	-0.002666	0.025782	0.025233	0.012451	0.008194
	0.105992					
y53	-0.049353	0.064272	-0.051279	-0.008638	0.032378	-0.059863
	-0.024880	-0.034384	0.017081	0.007061	0.016862	0.016412
	-0.019048	0.072702	0.015716	0.003034	0.011891	0.036871
	0.037977	0.019952	0.053437	0.006889	0.019370	-0.016289
	0.023906	0.018268	0.011288	0.055928	0.006788	0.041438
	0.026483					

z53	0.046136	-0.038246	-0.000675	-0.025677	0.029362	-0.007992
	0.014691	-0.005042	-0.021456	0.014539	0.008936	0.026212
	-0.040983	0.033088	-0.021043	-0.037886	0.004271	0.016276
	0.002136	0.026328	-0.001909	-0.044231	0.077045	0.012497
	-0.003413	0.061888	0.047366	0.061832	-0.038995	-0.021805
	-0.004552					
x54	-0.024449	0.028011	0.032144	-0.018136	0.073150	0.065727
	-0.017643	0.016298	-0.056772	-0.029387	0.005777	0.008126
	-0.030486	-0.032105	0.017366	0.013011	0.000576	0.010893
	-0.000152	-0.001201	0.002535	0.023637	-0.040297	-0.009760
	0.009256	-0.020309	0.026974	0.032419	0.012275	0.000924
	0.092750					
y54	-0.051631	0.070146	-0.049587	-0.013819	0.034519	-0.053629
	-0.019709	-0.030279	0.013229	0.000587	0.012336	0.016526
	-0.018968	0.071630	0.014461	0.002571	0.009790	0.038623
	0.050794	0.020934	0.040522	0.004138	0.009538	-0.016371
	0.021519	0.011733	0.002955	0.065079	0.021778	0.041117
	0.030397					
z54	0.042215	-0.029175	0.000102	-0.021441	0.037953	-0.001677
	0.014668	-0.010942	-0.026049	0.006318	0.010262	0.020412
	-0.044298	0.031781	-0.026296	-0.042132	0.011958	0.010841
	0.001983	0.039353	-0.003915	-0.037313	0.070285	0.015522
	-0.004276	0.051103	0.050548	0.056674	-0.035744	-0.020089
	0.013569					
x55	-0.032988	0.022179	0.028942	-0.020575	0.068571	0.061314
	-0.018216	0.028177	-0.043540	-0.024691	0.012806	0.002953
	-0.018457	-0.048877	0.014338	0.011777	-0.008273	0.002381
	0.021253	-0.003275	-0.010410	-0.006100	-0.051371	-0.019224
	-0.004023	-0.038065	0.025840	0.036185	0.008403	-0.020023
	0.079455					
y55	-0.052498	0.072875	-0.043143	-0.019887	0.030612	-0.045645
	-0.013256	-0.019650	0.012661	-0.004084	-0.003564	0.020631
	-0.016913	0.072151	0.027131	0.003438	0.011303	0.044437
	0.059509	0.021720	0.035842	-0.010939	-0.003382	0.005715
	0.011705	0.007033	0.004826	0.065627	0.021513	0.037623
	0.001846					
z55	0.040109	-0.023476	0.004825	-0.022963	0.041800	0.008778
	0.014621	-0.008295	-0.020734	0.006675	-0.000941	0.019654
	-0.047244	0.030175	-0.020086	-0.040323	0.027989	0.011551
	-0.007337	0.046661	0.008857	-0.027766	0.058080	0.037291
	0.004977	0.045984	0.061568	0.051244	-0.045688	-0.004834
	-0.001893					

x56	-0.042606	0.014148	0.024733	-0.022710	0.061771	0.055855
	-0.020114	0.045201	-0.026991	-0.021705	0.020111	-0.001275
	-0.003639	-0.060919	0.011834	0.012594	-0.018612	-0.017901
	0.044001	-0.014643	-0.020460	-0.035963	-0.067608	-0.027979
	-0.021863	-0.052714	0.034075	0.029002	0.018544	-0.041064
	0.049177					
y56	-0.051749	0.076798	-0.047478	-0.016854	0.033056	-0.039737
	-0.012666	-0.015406	0.009166	-0.000499	0.006829	0.031094
	-0.019852	0.075742	0.027889	0.008055	0.006262	0.040216
	0.068366	0.010422	0.024839	-0.000279	-0.004183	0.028104
	0.003610	0.012507	-0.006008	0.048693	0.037762	0.034529
	0.031887					
z56	0.037545	-0.015259	0.001025	-0.017776	0.053028	0.013544
	0.012963	-0.014392	-0.021899	0.004540	0.008391	0.017930
	-0.049577	0.032503	-0.020964	-0.035226	0.038351	0.010275
	-0.016987	0.042151	0.013385	-0.007066	0.053960	0.043387
	0.015672	0.049356	0.059927	0.019704	-0.046417	0.002190
	0.032105					
x57	-0.049012	0.004268	0.027500	-0.014181	0.053955	0.041044
	-0.026933	0.039872	-0.014906	-0.023453	0.025749	0.016022
	0.000757	-0.069087	0.000844	0.009114	-0.010494	-0.016586
	0.018259	-0.013733	-0.033017	-0.024943	-0.070609	-0.012572
	-0.019582	-0.031128	0.035145	0.014398	0.019679	-0.051242
	0.026864					
y57	-0.054910	0.077154	-0.043469	-0.022435	0.028465	-0.036949
	-0.010989	-0.010044	0.002984	-0.005514	-0.000329	0.029783
	-0.014704	0.064393	0.031030	0.013158	0.004331	0.038965
	0.051443	0.010972	0.017314	0.001666	0.008983	0.023433
	0.000744	-0.003974	-0.010280	0.032862	0.034368	0.031708
	0.009519					
z57	0.034234	-0.007195	0.000080	-0.018549	0.054559	0.020887
	0.020516	-0.010007	-0.027613	-0.006796	0.011877	0.014472
	-0.044657	0.027437	-0.021958	-0.030420	0.029527	0.001531
	-0.018148	0.043337	0.023018	-0.009599	0.052251	0.037662
	0.020469	0.020094	0.064825	0.006042	-0.041751	-0.010520
	0.025495					
x58	-0.055052	-0.005295	0.030425	-0.006657	0.047213	0.027113
	-0.033353	0.035424	-0.003547	-0.023210	0.030991	0.028382
	0.004407	-0.074084	-0.005570	0.007104	-0.001457	-0.013878
	0.000030	-0.013124	-0.046303	-0.018873	-0.074172	-0.001682
	-0.015082	-0.009762	0.030865	0.005112	0.017285	-0.059110
	0.006487					

y58	-0.057830	0.076800	-0.039214	-0.030730	0.027938	-0.035185
	-0.008550	-0.005061	0.000261	-0.004951	-0.008180	0.025304
	-0.012681	0.052730	0.036426	0.017859	0.003601	0.039315
	0.041058	0.013240	0.004930	-0.002750	0.006638	0.008420
	-0.003449	-0.006531	-0.013201	0.032872	0.024734	0.023078
	-0.004345					
z58	0.030080	-0.000762	-0.000390	-0.019436	0.058907	0.025555
	0.027245	-0.005400	-0.026544	-0.011479	0.014910	0.007169
	-0.041730	0.021917	-0.017724	-0.026298	0.027269	-0.005073
	-0.014151	0.045935	0.023333	-0.017242	0.040842	0.023763
	0.023567	0.013162	0.061474	-0.002186	-0.042496	-0.020568
	0.016866					
x59	-0.060457	-0.013280	0.032001	-0.000312	0.039403	0.016815
	-0.040370	0.032249	0.005574	-0.022423	0.036125	0.035835
	0.006250	-0.072944	-0.009776	0.009922	0.006113	-0.009453
	-0.014559	-0.015914	-0.053798	-0.017619	-0.073668	0.008972
	-0.010648	0.002030	0.024114	0.001394	0.015606	-0.062363
	-0.018206					
y59	-0.061240	0.075507	-0.035442	-0.034822	0.024998	-0.032178
	-0.010372	0.000780	0.002539	-0.006914	-0.013628	0.023324
	-0.006028	0.038870	0.032936	0.018853	0.003901	0.053571
	0.032386	0.023270	0.004084	-0.006629	0.016123	0.016046
	-0.018085	-0.008859	-0.010386	0.012982	0.020004	0.004541
	-0.003292					
z59	0.024893	0.005039	-0.002852	-0.017731	0.060828	0.030887
	0.026448	-0.001945	-0.021694	-0.017780	0.017857	-0.001471
	-0.037389	0.017699	-0.018240	-0.020057	0.025065	0.003829
	-0.003468	0.044521	0.037318	-0.022464	0.044475	0.023262
	0.018597	0.003039	0.061063	-0.019963	-0.045677	-0.031538
	0.007555					
x60	-0.065956	-0.020425	0.032431	0.005601	0.032024	0.008830
	-0.046845	0.026451	0.011326	-0.018884	0.041132	0.040809
	0.005296	-0.071626	-0.016306	0.009442	0.012302	-0.005061
	-0.026742	-0.018239	-0.062845	-0.015211	-0.073869	0.013553
	-0.006067	0.009168	0.019630	-0.002602	0.005739	-0.057096
	-0.024978					
y60	-0.062673	0.069720	-0.030814	-0.039143	0.024241	-0.030988
	-0.011229	0.007810	0.001743	-0.006746	-0.019867	0.027035
	-0.007644	0.031198	0.031917	0.021732	0.005302	0.047933
	0.016545	0.017841	0.006064	0.006743	0.022734	0.006124
	-0.020583	-0.011069	0.000397	0.004203	0.005678	0.017919
	-0.021508					

z60	0.020671	0.006879	-0.002280	-0.016771	0.062703	0.034091
	0.027810	0.006454	-0.013386	-0.019427	0.018331	0.001260
	-0.037649	0.009103	-0.015611	-0.008964	0.028320	0.000946
	-0.009570	0.039534	0.047825	-0.016545	0.042974	0.011431
	0.020226	-0.008663	0.070136	-0.024806	-0.050101	-0.014595
	-0.016856					
x61	-0.070566	-0.025529	0.031349	0.010488	0.022943	0.005137
	-0.052237	0.022778	0.018121	-0.012249	0.047017	0.042347
	0.003245	-0.066023	-0.020622	0.010308	0.015939	0.000051
	-0.033794	-0.020045	-0.069389	-0.016465	-0.075978	0.020980
	-0.001449	0.011380	0.016823	-0.001565	-0.004617	-0.047384
	-0.029196					
y61	-0.063082	0.069024	-0.027228	-0.039894	0.022572	-0.030061
	-0.008718	0.013949	-0.003170	0.000278	-0.023811	0.025333
	-0.005227	0.026827	0.032503	0.024750	0.001280	0.035813
	0.006572	0.014732	-0.001719	-0.001540	0.003521	0.001401
	-0.017686	-0.014986	-0.000019	0.001070	0.008406	0.004939
	-0.025439					
z61	0.015933	0.011973	-0.000679	-0.014675	0.065600	0.032022
	0.028218	0.010202	-0.011973	-0.016932	0.021543	-0.002801
	-0.032724	0.007999	-0.012728	-0.000406	0.030878	-0.005800
	-0.015864	0.036129	0.035698	-0.018758	0.024625	-0.002778
	0.022197	-0.020787	0.047959	-0.025665	-0.043632	-0.016252
	-0.023467					
x62	-0.075116	-0.029735	0.030056	0.014488	0.013039	0.003578
	-0.057442	0.020614	0.022254	-0.004665	0.053000	0.037647
	-0.000191	-0.054062	-0.019974	0.012823	0.020876	0.004310
	-0.037330	-0.023784	-0.075231	-0.021665	-0.072330	0.022685
	0.001894	0.010107	0.011023	0.004676	-0.008989	-0.033514
	-0.041911					
y62	-0.062578	0.069459	-0.025445	-0.042231	0.020996	-0.027126
	-0.000320	0.016446	-0.003346	0.005918	-0.027341	0.027351
	-0.002508	0.014911	0.028428	0.020321	-0.005445	0.027955
	-0.001228	0.016957	-0.001217	-0.015259	-0.020112	0.010163
	-0.016539	-0.017536	0.003460	0.001745	-0.009288	-0.005656
	-0.027712					
z62	0.012423	0.014993	-0.000617	-0.013330	0.067257	0.030490
	0.032289	0.010548	-0.003140	-0.014256	0.023262	-0.002718
	-0.031588	0.000532	-0.011756	-0.000901	0.030455	-0.010354
	-0.024421	0.031417	0.037063	-0.022981	0.004455	-0.001588
	0.022228	-0.023386	0.028213	-0.024321	-0.052473	-0.018883
	-0.026006					

x63	-0.078300	-0.033803	0.028104	0.017602	0.003285	0.004638
	-0.061826	0.016447	0.026726	0.004635	0.060927	0.031432
	-0.003267	-0.041401	-0.018424	0.022617	0.025498	0.017992
	-0.035021	-0.030094	-0.078806	-0.031388	-0.066514	0.022430
	0.014177	0.007109	-0.007744	0.018202	-0.025287	-0.017187
	-0.032704					
y63	-0.064398	0.066701	-0.025389	-0.042764	0.020626	-0.020918
	0.000018	0.022247	-0.009442	0.007120	-0.030979	0.028340
	-0.002148	0.014695	0.021839	0.003466	-0.007789	0.011895
	-0.018224	0.011464	-0.001730	-0.016368	-0.024346	0.015945
	-0.022576	-0.019614	0.027043	-0.006575	-0.006307	0.001598
	-0.031442					
z63	0.004818	0.018524	-0.002407	-0.009875	0.067799	0.032577
	0.026390	0.015370	0.000954	-0.015587	0.024942	-0.004218
	-0.031620	-0.003386	-0.012339	-0.002973	0.037917	-0.015381
	-0.039611	0.022736	0.037024	-0.026587	0.002308	-0.010286
	0.007234	-0.027155	0.033828	-0.020855	-0.037407	-0.007394
	-0.042229					
x64	-0.081873	-0.035493	0.024355	0.018504	-0.006905	0.009817
	-0.067479	0.012078	0.026252	0.016136	0.066515	0.021264
	-0.009460	-0.026374	-0.017886	0.022702	0.022384	0.027086
	-0.029880	-0.037240	-0.080324	-0.039766	-0.062507	0.021435
	0.023184	-0.003808	-0.016765	0.030397	-0.043868	0.007901
	-0.020894					
y64	-0.064756	0.061026	-0.021661	-0.041715	0.015641	-0.015252
	0.005647	0.023223	-0.010276	0.010129	-0.034328	0.024696
	-0.004482	0.012604	0.020353	0.003733	-0.010824	0.003861
	-0.027025	0.013821	-0.004047	-0.019603	-0.034751	0.002348
	-0.019966	-0.019168	0.042118	-0.016831	0.002229	-0.004684
	-0.029303					
z64	-0.002114	0.018230	-0.000340	-0.004988	0.064304	0.031233
	0.023583	0.016146	0.010309	-0.015034	0.027592	-0.008662
	-0.034325	-0.008626	-0.007850	0.006666	0.044157	-0.015230
	-0.050078	0.020823	0.027463	-0.020289	-0.003191	-0.033687
	0.004214	-0.026326	0.023767	-0.018843	-0.020175	-0.004133
	-0.061727					
x65	-0.085351	-0.035831	0.021964	0.018506	-0.018992	0.016922
	-0.071526	0.012172	0.027177	0.028288	0.067380	0.005367
	-0.017075	-0.005393	-0.009324	0.026178	0.021588	0.031636
	-0.024480	-0.043611	-0.079064	-0.057375	-0.062512	0.021416
	0.027621	-0.020471	-0.023760	0.048045	-0.053484	0.038117
	-0.026264					

y65	-0.062779	0.054832	-0.021955	-0.040275	0.014191	-0.008374
	0.012046	0.019173	-0.014279	0.013366	-0.025975	0.026655
	-0.004617	0.013468	0.008784	-0.000496	-0.009849	0.000559
	-0.028705	0.005037	-0.004440	-0.024897	-0.035026	-0.004554
	-0.005021	-0.010466	0.034386	-0.024141	-0.012334	-0.004765
	-0.000454					
z65	-0.008107	0.017693	-0.001453	0.001130	0.062981	0.029066
	0.019016	0.011978	0.014733	-0.015151	0.039744	-0.009183
	-0.035378	-0.015637	-0.011343	0.014000	0.053606	-0.007429
	-0.056703	0.010066	0.017121	-0.022214	0.002744	-0.052339
	0.006233	-0.015732	-0.012567	-0.011118	-0.014174	0.000648
	-0.056979					
x66	-0.090165	-0.036655	0.021371	0.021138	-0.024388	0.015378
	-0.066767	0.010563	0.019576	0.035940	0.069052	-0.001177
	-0.016373	-0.012426	-0.019956	0.000577	0.008266	0.028822
	-0.008364	-0.043007	-0.058297	-0.039677	-0.044483	0.032942
	0.034374	-0.019565	-0.009309	0.046323	-0.044745	0.008964
	-0.001052					
y66	-0.063347	0.051679	-0.017461	-0.040690	0.009634	-0.004713
	0.014309	0.023108	-0.025461	0.018117	-0.029150	0.028505
	-0.002312	0.008454	0.010540	-0.016249	-0.013655	-0.009213
	-0.029445	-0.003390	0.009971	-0.013730	-0.028683	-0.011531
	-0.001804	-0.029210	0.036795	-0.026756	-0.024626	-0.003630
	0.017491					
z66	-0.016544	0.021337	-0.006408	0.008404	0.057970	0.030581
	0.013366	0.000185	0.016914	-0.011778	0.031170	-0.015186
	-0.041261	-0.021109	-0.017026	0.003075	0.048078	-0.000737
	-0.054925	-0.000439	0.029265	-0.016504	0.006523	-0.047589
	0.011357	-0.028403	-0.012711	-0.021702	-0.024880	0.004111
	-0.053421					
x67	-0.093827	-0.036312	0.021833	0.023478	-0.029296	0.012089
	-0.063912	0.010878	0.012883	0.041175	0.066221	-0.009544
	-0.015430	-0.016087	-0.026940	-0.021648	-0.000057	0.022761
	-0.000049	-0.043803	-0.036738	-0.028262	-0.027041	0.038008
	0.030733	-0.023119	0.006399	0.043250	-0.039521	-0.016931
	0.007512					
y67	-0.063213	0.045394	-0.012480	-0.041000	0.007318	-0.001150
	0.017033	0.026475	-0.031719	0.021637	-0.024204	0.037071
	0.004191	0.007249	0.007165	-0.023522	-0.017976	-0.010119
	-0.024895	-0.011626	0.012558	-0.002951	-0.016195	-0.011946
	0.008133	-0.029356	0.031523	-0.016176	-0.024502	-0.003777
	0.040980					

z67	-0.023364	0.021438	-0.009509	0.014960	0.055370	0.034139
	0.010598	-0.010241	0.021576	-0.008000	0.030596	-0.013138
	-0.037724	-0.023599	-0.024372	-0.003122	0.040316	0.010266
	-0.043928	-0.011032	0.035869	-0.017652	0.008227	-0.035447
	0.021170	-0.019849	-0.019683	-0.022192	-0.020659	0.004751
	-0.036301					
x68	-0.094969	-0.036400	0.021861	0.024360	-0.032662	0.010593
	-0.062485	0.010084	0.007870	0.044213	0.061743	-0.012919
	-0.012721	-0.018196	-0.034760	-0.042079	-0.011162	0.018060
	0.011037	-0.046258	-0.010928	-0.020429	-0.013811	0.046549
	0.029859	-0.022530	0.017088	0.034105	-0.041132	-0.036549
	0.022012					
y68	-0.063824	0.039705	-0.006573	-0.040024	0.003402	0.000148
	0.020957	0.031881	-0.037366	0.023351	-0.019145	0.038613
	0.008266	0.007052	0.011313	-0.020743	-0.012341	-0.007746
	-0.030972	-0.017654	0.005769	0.003435	-0.000408	-0.023813
	0.010577	-0.032785	0.020534	0.000134	-0.016219	0.002767
	0.044834					
z68	-0.030554	0.022699	-0.011448	0.021680	0.050852	0.035950
	0.009807	-0.016617	0.021688	-0.004030	0.031075	-0.016816
	-0.036646	-0.022364	-0.027137	-0.003313	0.038956	0.018912
	-0.044407	-0.013063	0.024311	-0.016014	0.015292	-0.035714
	0.018098	-0.025846	-0.024392	-0.012933	-0.011951	0.013180
	-0.028154					
x69	-0.094063	-0.036347	0.022630	0.023894	-0.034374	0.008032
	-0.059915	0.010524	0.001133	0.044026	0.056903	-0.014856
	-0.010840	-0.017062	-0.038526	-0.056189	-0.019568	0.018960
	0.019924	-0.043407	0.012951	-0.010567	-0.001621	0.047377
	0.026364	-0.026121	0.015983	0.025071	-0.043808	-0.048292
	0.033487					
y69	-0.063859	0.035624	-0.003203	-0.037150	-0.003408	0.004245
	0.023180	0.037617	-0.039764	0.024765	-0.014121	0.041606
	0.013267	0.006424	0.013621	-0.019797	-0.011978	-0.014365
	-0.030007	-0.027230	-0.003921	0.000739	0.002481	-0.021236
	0.014052	-0.032962	0.026322	0.007227	-0.000909	0.003725
	0.045350					
z69	-0.036847	0.023513	-0.012588	0.029697	0.045317	0.040639
	0.006093	-0.020907	0.025252	-0.002287	0.030443	-0.019637
	-0.032158	-0.023750	-0.029675	-0.007216	0.035514	0.019225
	-0.042917	-0.026111	0.016604	-0.027130	0.019147	-0.033564
	0.026893	-0.012780	-0.012461	-0.014257	0.001031	0.011737
	-0.021737					

x70	-0.091417	-0.037889	0.024468	0.025518	-0.036127	0.003553
	-0.057498	0.008813	-0.000029	0.041702	0.051914	-0.015482
	-0.005607	-0.014182	-0.041786	-0.064812	-0.028696	0.015183
	0.025376	-0.047513	0.027548	-0.007826	0.008943	0.041751
	0.025346	-0.020520	0.019562	0.010049	-0.051170	-0.056724
	0.043480					
y70	-0.064132	0.034116	-0.000729	-0.037606	-0.007669	0.009902
	0.025425	0.045402	-0.046734	0.025043	-0.011170	0.043379
	0.015142	0.004948	0.016698	-0.021326	-0.013682	-0.012081
	-0.023152	-0.024220	0.001028	-0.002980	0.001163	-0.013478
	0.002556	-0.043215	0.015875	0.022475	0.016941	0.008597
	0.026615					
z70	-0.041693	0.025621	-0.013063	0.033554	0.041388	0.046630
	0.004858	-0.019299	0.021127	0.000616	0.029379	-0.019340
	-0.025160	-0.020756	-0.030229	-0.008729	0.032677	0.024597
	-0.041084	-0.025236	0.015482	-0.028219	0.023691	-0.030502
	0.017265	-0.013826	-0.020948	0.000672	0.017534	0.020480
	-0.023297					
x71	-0.085838	-0.038571	0.025347	0.024244	-0.036265	0.001257
	-0.056420	0.011606	0.001082	0.039528	0.045689	-0.012615
	-0.002536	-0.005717	-0.040484	-0.067906	-0.033508	0.017538
	0.026980	-0.045232	0.047057	-0.009230	0.017597	0.036805
	0.012430	-0.018197	0.016443	0.005543	-0.059159	-0.045628
	0.046898					
y71	-0.065501	0.030295	0.003376	-0.035959	-0.012951	0.013666
	0.028510	0.047974	-0.054823	0.021362	-0.010158	0.041405
	0.019068	0.003114	0.016227	-0.022634	-0.013447	-0.013819
	-0.017667	-0.030715	-0.002646	-0.002304	0.004596	-0.017555
	0.005262	-0.049464	0.009368	0.020527	0.034598	-0.001027
	0.019657					
z71	-0.046762	0.026409	-0.011146	0.041811	0.037449	0.050482
	0.004102	-0.018419	0.016046	-0.003853	0.028822	-0.020566
	-0.013735	-0.021962	-0.031225	-0.011710	0.027381	0.021617
	-0.032729	-0.030914	0.006538	-0.038142	0.027055	-0.034358
	0.026319	-0.000944	-0.022821	0.000901	0.034862	0.011860
	-0.020601					
x72	-0.080999	-0.040092	0.026898	0.022926	-0.037078	-0.001067
	-0.055508	0.011489	0.001266	0.031845	0.040722	-0.014760
	0.005081	0.006006	-0.037614	-0.069258	-0.034809	0.023393
	0.034762	-0.042227	0.052832	-0.013180	0.023252	0.021619
	0.002696	0.000780	0.020408	-0.007262	-0.056786	-0.034513
	0.031151					

y72	-0.064218	0.025470	0.005660	-0.034507	-0.015174	0.019466
	0.030646	0.051894	-0.058386	0.015378	-0.011863	0.044346
	0.016876	0.004489	0.020186	-0.017233	-0.016995	-0.014321
	-0.012992	-0.031555	0.002611	-0.006077	0.005608	-0.020110
	-0.001607	-0.058800	-0.008696	0.031341	0.042501	0.007446
	0.019514					
z72	-0.048002	0.027153	-0.008463	0.049088	0.034236	0.054657
	0.005515	-0.011019	0.011618	-0.003698	0.025862	-0.012468
	-0.002072	-0.022763	-0.032830	-0.010630	0.019605	0.013061
	-0.034773	-0.029984	0.008125	-0.046625	0.033441	-0.031518
	0.020473	-0.010755	-0.031011	0.017527	0.038386	0.014113
	-0.002438					
x73	-0.072976	-0.039847	0.029778	0.020982	-0.034895	-0.003274
	-0.054282	0.016489	0.000344	0.028048	0.029867	-0.010128
	0.008059	0.015092	-0.031924	-0.064111	-0.043709	0.018791
	0.028576	-0.048520	0.061638	-0.026988	0.018912	0.005755
	-0.015176	0.003163	0.009549	-0.017568	-0.050898	-0.014609
	0.023689					
y73	-0.063138	0.018369	0.010057	-0.033788	-0.018337	0.022311
	0.030684	0.054020	-0.058509	-0.001105	-0.008266	0.047289
	0.021468	0.010926	0.020017	-0.015124	-0.004666	-0.002751
	-0.010870	-0.024828	0.002619	-0.003356	0.029379	-0.030146
	-0.001066	-0.050405	-0.022636	0.034912	0.032386	0.004569
	0.016303					
z73	-0.049292	0.025939	-0.006683	0.056537	0.029698	0.059271
	0.005591	-0.008470	0.008540	-0.010942	0.025524	-0.013205
	0.012766	-0.015862	-0.032719	-0.012709	0.019408	0.015710
	-0.023214	-0.023185	0.005602	-0.053874	0.040142	-0.036231
	0.024448	0.000797	-0.023871	0.026402	0.040087	0.012660
	0.005575					
x74	-0.064012	-0.038192	0.032517	0.015319	-0.034612	-0.005461
	-0.051936	0.022039	0.000194	0.018483	0.023874	-0.003572
	0.018121	0.030840	-0.024701	-0.055072	-0.045690	0.019564
	0.025638	-0.041038	0.065752	-0.037326	0.011157	-0.001983
	-0.030493	0.010902	-0.006922	-0.020531	-0.043942	-0.001122
	-0.003891					
y74	-0.061643	0.009328	0.014044	-0.031950	-0.018459	0.026870
	0.029638	0.054223	-0.060020	-0.015733	-0.011792	0.046788
	0.017149	0.014654	0.020284	-0.009862	-0.001517	0.005831
	-0.010804	-0.031636	0.004822	-0.008109	0.047618	-0.052081
	-0.006820	-0.047283	-0.039247	0.033848	0.032772	0.019569
	0.023458					

z74	-0.050069	0.022648	-0.001468	0.065280	0.029346	0.064641
	0.005120	-0.003202	0.004440	-0.018357	0.021992	-0.012884
	0.027508	-0.013389	-0.030144	-0.013879	0.016366	0.014032
	-0.019519	-0.028869	0.006124	-0.066964	0.056583	-0.057381
	0.025791	0.012834	-0.022069	0.031234	0.038613	0.020137
	0.028707					
x75	-0.057366	-0.036424	0.027984	0.006908	-0.031779	-0.007539
	-0.053385	0.022531	0.007218	0.016351	0.024061	-0.003148
	0.018497	0.036684	-0.023300	-0.048674	-0.042694	0.020315
	0.009991	-0.033152	0.075781	-0.020950	0.009221	0.017269
	-0.037535	0.010363	-0.000118	-0.036175	-0.022336	0.003064
	-0.027931					
y75	-0.056849	0.007510	0.012125	-0.030130	-0.026161	0.029519
	0.029811	0.052770	-0.064325	-0.009067	-0.014742	0.043319
	0.017164	0.008585	-0.000725	-0.013489	0.002198	0.010029
	-0.010479	-0.018618	0.003253	-0.007675	0.037711	-0.032431
	-0.007442	-0.036519	-0.052614	0.018683	0.035142	0.032107
	0.033800					
z75	-0.048288	0.026187	-0.002616	0.076930	0.026345	0.065133
	0.002455	0.004970	0.003421	-0.023404	0.015052	-0.008260
	0.037303	-0.009336	-0.038660	-0.016095	0.013045	0.003334
	-0.022566	-0.018075	0.003159	-0.054651	0.047765	-0.052428
	0.019669	0.015350	-0.010798	0.033423	0.061195	0.018438
	0.022943					
x76	-0.048604	-0.032034	0.024021	-0.004242	-0.030550	-0.009985
	-0.051948	0.025345	0.001411	0.020949	0.019373	-0.000507
	0.013398	0.043451	-0.026048	-0.040801	-0.042264	0.012684
	-0.008301	-0.032696	0.075316	-0.018034	0.000184	0.028564
	-0.034479	0.003594	0.003405	-0.032068	0.004007	0.008628
	-0.036746					
y76	-0.052971	0.003401	0.011026	-0.026409	-0.030941	0.031872
	0.027435	0.049088	-0.057357	-0.009344	-0.014727	0.040706
	0.022955	-0.000174	-0.016892	-0.022608	0.004945	0.018615
	-0.011351	0.004411	0.006347	0.003882	0.038181	-0.010004
	-0.020043	-0.025758	-0.059637	-0.007172	0.025533	0.037862
	0.044118					
z76	-0.046960	0.026368	-0.003994	0.086953	0.026261	0.065044
	-0.000114	0.006825	0.007499	-0.029188	0.010194	-0.009878
	0.045616	-0.008110	-0.038803	-0.014254	0.008114	-0.004237
	-0.020676	-0.016452	0.014742	-0.038871	0.045681	-0.055977
	0.013002	0.018302	-0.004091	0.026839	0.066536	0.022735
	0.010069					

x77	-0.037545	-0.029073	0.021292	-0.012347	-0.030279	-0.015751
	-0.051204	0.031827	0.001961	0.020186	0.014115	0.005492
	0.016060	0.049502	-0.023208	-0.024558	-0.035242	0.008395
	-0.028407	-0.027750	0.070336	-0.005277	0.003583	0.031585
	-0.037262	0.007540	-0.011601	-0.048354	0.031691	0.004168
	-0.036259					
y77	-0.049034	0.001118	0.009457	-0.024035	-0.032920	0.036044
	0.027529	0.039850	-0.055449	-0.004503	-0.015561	0.029237
	0.020092	-0.005417	-0.033581	-0.034743	0.002043	0.025621
	-0.006253	0.012879	0.013330	0.003139	0.025053	0.008197
	-0.020100	-0.028311	-0.048830	-0.000515	0.005343	0.049081
	0.034469					
z77	-0.044531	0.026990	-0.003921	0.094314	0.024802	0.065434
	-0.001700	0.007541	0.009271	-0.030622	0.006612	-0.012277
	0.048618	-0.006909	-0.043875	-0.015873	0.003384	-0.007417
	-0.018428	-0.012852	0.023277	-0.026807	0.040550	-0.046488
	0.006696	0.014164	0.011225	0.027132	0.068373	0.029995
	0.008575					
x78	-0.029114	-0.027938	0.019655	-0.020522	-0.026343	-0.018994
	-0.049340	0.037875	0.006889	0.019325	0.006330	0.007248
	0.014172	0.050982	-0.021539	-0.022179	-0.028134	0.006043
	-0.038164	-0.020891	0.072682	0.007818	0.008899	0.047234
	-0.045244	0.003237	-0.014592	-0.047139	0.032915	-0.001897
	-0.025925					
y78	-0.041538	0.001564	0.006344	-0.022217	-0.036509	0.037180
	0.028532	0.028939	-0.057357	0.000248	-0.016935	0.018019
	0.021384	-0.005612	-0.045290	-0.035983	-0.000370	0.027207
	-0.004656	0.013769	0.013503	-0.002330	0.011411	0.007344
	-0.009046	-0.026304	-0.047090	-0.005471	0.003868	0.061237
	0.018762					
z78	-0.039919	0.028920	-0.003708	0.097933	0.020502	0.062258
	-0.001962	0.008633	0.007971	-0.029933	0.005525	-0.011811
	0.052093	-0.005748	-0.049536	-0.009369	0.000545	-0.009392
	-0.019390	-0.005908	0.024256	-0.010871	0.038397	-0.040295
	0.000988	0.008692	0.019657	0.020777	0.073714	0.037216
	0.006328					
x79	-0.022935	-0.024171	0.015088	-0.028299	-0.021986	-0.024960
	-0.046855	0.035081	0.008692	0.019535	0.001113	0.002187
	0.017926	0.054957	-0.022733	-0.014604	-0.022652	0.015936
	-0.053156	-0.020465	0.080538	0.018376	0.010222	0.050402
	-0.048436	-0.000153	-0.006394	-0.041154	0.025908	0.003511
	-0.031509					

y79	-0.030846	-0.000045	0.007665	-0.020521	-0.040285	0.039559
	0.030036	0.024473	-0.054780	0.002377	-0.020696	0.014929
	0.017772	-0.005858	-0.055145	-0.042016	0.000701	0.016509
	0.001537	0.021012	0.007283	-0.005483	0.006062	0.010515
	-0.003179	-0.032785	-0.047503	-0.009274	0.007425	0.059726
	0.016829					
z79	-0.032833	0.030091	-0.000825	0.096780	0.016764	0.059218
	-0.000161	0.011191	0.005926	-0.025803	0.004231	-0.008887
	0.051174	-0.006262	-0.051912	-0.003265	-0.001140	-0.017781
	-0.011497	-0.001039	0.028537	0.005750	0.035361	-0.030849
	0.000451	-0.004121	0.015769	0.019360	0.073467	0.043652
	0.014566					
x80	-0.016370	-0.023868	0.011171	-0.037402	-0.018011	-0.025367
	-0.045297	0.039827	0.012624	0.020230	-0.011515	-0.000218
	0.014725	0.055131	-0.016445	-0.017989	-0.013280	0.025874
	-0.061491	-0.012444	0.089760	0.033307	0.020578	0.053675
	-0.029327	-0.008463	0.011712	-0.034974	0.025598	0.008841
	-0.034622					
y80	-0.019506	0.001153	0.008237	-0.017352	-0.041875	0.037584
	0.034476	0.011944	-0.055192	0.003888	-0.019239	0.006161
	0.019554	-0.002558	-0.066406	-0.040254	-0.005669	0.005778
	0.010400	0.016027	-0.000086	-0.016241	-0.008637	0.002722
	-0.006188	-0.031441	-0.053843	-0.005124	-0.002544	0.052910
	0.011275					
z80	-0.024815	0.032701	0.002113	0.093183	0.012303	0.050431
	0.003527	0.009792	0.003215	-0.020313	0.006230	-0.008461
	0.050602	-0.005020	-0.058790	0.009398	-0.000868	-0.021359
	-0.006262	0.001158	0.027573	0.022893	0.030551	-0.014426
	-0.010200	-0.027364	0.009454	0.014301	0.063514	0.047405
	0.034330					
x81	-0.009247	-0.024306	0.009683	-0.044808	-0.012489	-0.024659
	-0.039799	0.044763	0.007954	0.020846	-0.016352	0.005235
	0.019188	0.048003	-0.021285	-0.009512	-0.012722	0.029468
	-0.081565	-0.009396	0.094224	0.038000	0.021473	0.042603
	-0.027458	-0.020006	0.015096	-0.028963	0.026990	0.010587
	-0.009540					
y81	-0.007483	0.002328	0.007438	-0.013614	-0.044643	0.034273
	0.036287	-0.004755	-0.044753	0.005061	-0.024021	-0.014498
	0.013215	0.011078	-0.066989	-0.046059	-0.003509	0.001013
	0.033547	0.011634	0.000750	-0.020756	-0.016478	0.002211
	0.005903	-0.031689	-0.045589	-0.000684	-0.020324	0.050686
	-0.026340					

z81	-0.014899	0.034374	0.005502	0.087021	0.006913	0.041287
	0.006342	0.007956	0.002476	-0.009569	0.005191	-0.011346
	0.044465	-0.003703	-0.060975	0.021342	0.000280	-0.022066
	0.002608	0.001058	0.029718	0.044863	0.031598	0.003877
	-0.019771	-0.047897	0.005738	0.011335	0.043538	0.056911
	0.042297					
x82	-0.001811	-0.023337	0.008147	-0.049404	-0.009196	-0.024042
	-0.031974	0.042962	-0.000405	0.016198	-0.024463	-0.002058
	0.024959	0.041907	-0.026753	-0.001317	-0.007213	0.032302
	-0.093398	-0.002228	0.090511	0.034034	0.011686	0.018933
	-0.018523	-0.040762	-0.007975	-0.038013	0.047376	0.018735
	0.007779					
y82	0.005552	0.001747	0.009131	-0.011604	-0.044047	0.029108
	0.036252	-0.016291	-0.030307	0.011502	-0.024423	-0.024290
	0.006699	0.023468	-0.066139	-0.050914	-0.006804	-0.004807
	0.054421	0.002958	0.005818	-0.017353	-0.016115	0.004402
	0.017500	-0.028402	-0.013323	0.025717	-0.059987	0.038023
	-0.059701					
z82	-0.003361	0.035389	0.009342	0.075985	0.000229	0.032442
	0.010577	0.007426	0.002893	0.007341	0.003969	-0.012396
	0.034733	-0.005574	-0.064449	0.037659	0.000996	-0.022765
	0.006686	-0.004803	0.035002	0.067278	0.036033	0.027804
	-0.024215	-0.072276	0.000418	0.008577	0.009764	0.072314
	0.054287					
x83	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					
y83	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					
z83	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					

x84	-0.001559	0.041954	-0.035479	0.016383	-0.022689	0.042147
	0.041093	-0.014694	-0.028007	0.000030	-0.050535	-0.047370
	-0.032399	0.015841	0.037907	-0.045778	-0.004775	-0.022031
	-0.055711	0.011318	-0.018117	-0.050143	-0.021895	-0.051748
	0.078639	0.054482	0.019286	-0.042760	0.027643	0.072234
	0.024088					
y84	-0.006435	-0.005967	0.027650	0.015561	-0.032885	-0.029508
	0.021926	-0.027556	0.028181	-0.004932	0.008206	0.011061
	-0.054115	-0.014506	0.004166	0.000614	0.008854	0.009001
	0.006908	0.038786	0.009045	0.021464	-0.029134	-0.007292
	-0.021867	-0.018548	0.012920	0.001296	0.016774	0.060060
	-0.080160					
z84	0.030255	-0.015337	-0.035873	-0.008301	0.031479	-0.038855
	-0.059516	0.032640	-0.067332	0.046870	0.033330	-0.033216
	0.008877	0.004069	0.113362	0.009310	0.023844	-0.051084
	-0.044005	-0.005916	-0.044639	-0.020180	-0.019244	-0.003926
	0.033721	-0.018565	-0.028159	-0.021575	-0.031527	0.041781
	0.050335					
x85	0.000352	0.042469	-0.027974	0.019021	-0.018771	0.044339
	0.036384	-0.010545	-0.022226	0.005143	-0.040763	-0.021741
	-0.027806	0.027251	0.032124	-0.054364	-0.004864	-0.037005
	-0.028767	0.012180	-0.015939	-0.019965	-0.006913	-0.055058
	0.061495	0.063693	0.014698	-0.024693	0.010815	0.029606
	0.020678					
y85	-0.006514	-0.008288	0.023830	0.026986	-0.030572	-0.032346
	0.020179	-0.029745	0.019301	-0.002653	0.011273	0.002539
	-0.046621	-0.012309	0.013801	0.001838	0.028557	0.012618
	-0.002581	0.019377	0.000817	0.005563	-0.037933	-0.011549
	-0.014704	-0.032257	0.005174	-0.013510	0.011121	0.084834
	-0.066253					
z85	0.033718	-0.010666	-0.037334	-0.004690	0.032203	-0.034259
	-0.054592	0.028447	-0.065220	0.044000	0.033971	-0.038044
	0.004047	0.007474	0.109053	0.020074	0.020876	-0.046262
	-0.041966	-0.016500	-0.028044	-0.020279	-0.013666	-0.013905
	0.051456	-0.004869	-0.040261	-0.001649	-0.040630	0.029396
	0.037806					
x86	0.001841	0.043982	-0.020370	0.022196	-0.016781	0.043909
	0.034929	-0.005958	-0.018252	0.001571	-0.034108	-0.004675
	-0.017922	0.031515	0.028622	-0.054520	-0.002668	-0.053471
	-0.007205	0.018360	-0.021241	-0.006771	0.007796	-0.049394
	0.053668	0.067889	0.004332	-0.016380	0.000452	0.014545
	0.019384					

y86	-0.004959	-0.010190	0.016900	0.034850	-0.026336	-0.031544
	0.018912	-0.035481	0.011876	0.006180	0.019114	-0.003141
	-0.048954	0.001323	0.018002	-0.000067	0.037933	0.014098
	-0.012534	-0.012965	0.009455	0.003543	-0.038304	-0.027283
	-0.013457	-0.039504	0.008113	-0.025582	0.001106	0.087944
	-0.056102					
z86	0.038793	-0.007045	-0.037396	-0.006656	0.031540	-0.026095
	-0.050398	0.026857	-0.058186	0.046532	0.034408	-0.036545
	-0.001224	0.013221	0.103590	0.031260	0.014917	-0.045086
	-0.036486	-0.026162	-0.004895	-0.010186	0.000906	-0.026554
	0.069120	0.011439	-0.043366	0.011697	-0.048453	0.010503
	0.025975					
x87	0.001225	0.045380	-0.013347	0.023021	-0.016731	0.044289
	0.032436	-0.001766	-0.012288	-0.003446	-0.030742	0.007615
	-0.015220	0.033044	0.029916	-0.058449	0.003729	-0.067436
	0.003848	0.017320	-0.023571	0.002635	0.014616	-0.046610
	0.037825	0.065489	-0.005462	-0.010904	-0.006605	0.018055
	0.002803					
y87	0.000481	-0.011096	0.009250	0.043784	-0.021987	-0.031108
	0.019172	-0.040307	0.001639	0.016832	0.028026	-0.007043
	-0.041166	0.012409	0.017745	0.005175	0.033486	0.018438
	-0.009414	-0.027978	0.012071	0.013173	-0.027903	-0.036251
	-0.002160	-0.040382	0.022660	-0.030956	-0.003255	0.060135
	-0.038793					
z87	0.042291	-0.003175	-0.036785	-0.009153	0.028414	-0.019665
	-0.045677	0.026043	-0.052545	0.046033	0.033539	-0.034700
	-0.004248	0.018170	0.098178	0.037445	0.008233	-0.051192
	-0.027253	-0.033158	0.009512	-0.002969	0.011108	-0.031114
	0.082299	0.021277	-0.043761	0.020533	-0.047637	-0.000967
	0.006479					
x88	0.001533	0.046689	-0.009544	0.026422	-0.014395	0.041723
	0.030913	0.000654	-0.008293	-0.007765	-0.022580	0.018091
	-0.011859	0.034951	0.026652	-0.059453	0.007818	-0.068192
	0.013967	0.019304	-0.028895	0.013260	0.025196	-0.047644
	0.021997	0.061163	-0.017725	-0.006757	-0.017757	0.012603
	0.009535					
y88	0.004042	-0.012387	0.004065	0.048701	-0.020142	-0.027850
	0.018962	-0.043657	-0.004809	0.022834	0.028590	-0.010007
	-0.035568	0.014964	0.024192	0.011408	0.033285	0.013970
	-0.006035	-0.037846	0.014797	0.015463	-0.028638	-0.040135
	0.012713	-0.045767	0.043133	-0.030588	0.000924	0.036933
	-0.052770					

z88	0.044666	0.000662	-0.035089	-0.011418	0.023899	-0.015465
	-0.040219	0.025449	-0.043834	0.042434	0.034429	-0.030907
	-0.003359	0.017859	0.091840	0.042507	0.007221	-0.046304
	-0.025211	-0.032355	0.017937	-0.002920	0.017905	-0.032254
	0.084799	0.031637	-0.046540	0.027344	-0.048938	-0.010116
	0.002942					
x89	0.001047	0.046439	-0.007666	0.028126	-0.013247	0.041132
	0.026951	0.000748	-0.004709	-0.008919	-0.016871	0.029251
	-0.009132	0.037656	0.022624	-0.064484	0.004556	-0.073684
	0.025283	0.025151	-0.036586	0.023050	0.036030	-0.039887
	0.010337	0.061391	-0.012455	-0.009507	-0.024196	0.014361
	0.010184					
y89	0.007959	-0.010899	0.001149	0.053036	-0.017869	-0.027431
	0.019542	-0.045374	-0.007906	0.023832	0.030419	-0.016653
	-0.029728	0.011857	0.031825	0.019371	0.038833	0.023975
	-0.013450	-0.042929	0.027017	0.008767	-0.037465	-0.050740
	0.026745	-0.057327	0.055171	-0.021980	-0.001768	0.012260
	-0.043201					
z89	0.044432	0.003865	-0.032834	-0.015121	0.016182	-0.009249
	-0.032563	0.022816	-0.037819	0.037128	0.032339	-0.025510
	-0.001415	0.012935	0.082856	0.039404	-0.000907	-0.038762
	-0.020574	-0.019557	0.017738	-0.007494	0.017151	-0.023538
	0.076551	0.045736	-0.035874	0.022207	-0.042812	-0.017600
	0.007823					
x90	0.002019	0.045410	-0.006043	0.029868	-0.010006	0.038261
	0.024408	0.003161	0.002213	-0.013696	-0.011784	0.039944
	-0.005359	0.041841	0.027010	-0.058396	0.008665	-0.072790
	0.036613	0.027727	-0.036645	0.034245	0.043542	-0.033286
	0.009257	0.055502	-0.017071	-0.009388	-0.027506	0.016602
	0.004256					
y90	0.011206	-0.010291	-0.003382	0.058007	-0.018538	-0.024528
	0.021150	-0.047461	-0.012550	0.028051	0.030307	-0.024222
	-0.021432	0.005421	0.030708	0.024132	0.032825	0.033471
	-0.025954	-0.047821	0.029044	-0.007511	-0.048308	-0.054417
	0.028684	-0.051760	0.073147	-0.020662	-0.014173	-0.009005
	-0.026633					
z90	0.045491	0.005904	-0.028996	-0.018005	0.008852	-0.006276
	-0.022705	0.024221	-0.030353	0.027958	0.031375	-0.018645
	0.002641	0.017001	0.082174	0.046736	0.000637	-0.031977
	-0.013105	-0.010833	0.014279	-0.009807	0.020058	-0.014678
	0.070563	0.057568	-0.039871	0.027461	-0.018802	-0.022472
	0.004694					

x91	0.000655	0.047068	-0.003041	0.028651	-0.009592	0.036300
	0.025466	-0.003597	0.010909	-0.019976	-0.014492	0.040832
	0.003927	0.015035	0.029749	-0.047468	0.004585	-0.048372
	0.029545	0.042805	-0.028930	0.005335	0.023961	-0.023721
	0.006983	0.032327	0.004177	-0.013345	-0.044398	0.008043
	0.006755					
y91	0.018477	-0.013941	-0.013594	0.064597	-0.013629	-0.023453
	0.016806	-0.040330	-0.021747	0.035853	0.039563	-0.016571
	-0.024028	0.045308	0.027010	0.015110	0.032919	0.006373
	-0.007364	-0.066060	0.024284	0.031632	-0.018850	-0.058316
	0.035753	-0.021537	0.063467	-0.025214	0.009320	-0.011156
	-0.022358					
z91	0.044572	0.009511	-0.025392	-0.021856	0.000533	-0.002827
	-0.013294	0.022386	-0.025820	0.019146	0.028748	-0.014299
	0.009108	0.010887	0.075921	0.044198	-0.008862	-0.026854
	-0.011852	0.000998	0.007634	-0.020473	0.014419	0.000687
	0.060582	0.058107	-0.033513	0.020453	-0.008153	-0.024219
	0.011720					
x92	0.001316	0.046935	-0.005063	0.027412	-0.005681	0.034874
	0.021190	-0.009540	0.018094	-0.017849	-0.015371	0.043519
	0.005525	0.007236	0.026644	-0.043526	-0.004867	-0.041668
	0.027159	0.041154	-0.019797	-0.001563	0.022539	-0.016935
	0.018166	0.013152	0.012918	-0.023313	-0.060974	0.016947
	0.004262					
y92	0.023612	-0.013879	-0.019156	0.066589	-0.012670	-0.020518
	0.022554	-0.036420	-0.026622	0.035289	0.040673	-0.017947
	-0.015667	0.048116	0.034914	0.023024	0.033489	0.014981
	-0.005351	-0.059336	0.026047	0.020404	-0.028901	-0.054343
	0.034929	0.000245	0.078728	-0.010745	0.031964	-0.027479
	-0.027624					
z92	0.044400	0.014412	-0.022982	-0.026221	-0.007205	-0.000675
	-0.004572	0.017772	-0.021588	0.015820	0.024089	-0.011318
	0.012717	0.007076	0.062381	0.043459	-0.018337	-0.029207
	-0.017801	0.003461	0.004387	-0.031717	0.009460	0.005689
	0.053695	0.051405	-0.037948	0.018008	-0.005040	-0.033753
	0.021599					
x93	0.002299	0.045965	-0.005148	0.026881	-0.000996	0.030510
	0.019703	-0.013082	0.027483	-0.020711	-0.013310	0.043501
	0.008055	-0.003585	0.031946	-0.026967	-0.006916	-0.018085
	0.025918	0.037972	-0.010799	-0.015135	0.014470	-0.014309
	0.034464	-0.002211	0.024427	-0.024989	-0.071275	0.017054
	-0.001488					

y93	0.029563	-0.013503	-0.028911	0.068808	-0.013213	-0.014712
	0.024506	-0.033623	-0.032658	0.037882	0.038711	-0.019054
	-0.007904	0.055927	0.034575	0.022830	0.026225	0.006836
	-0.009346	-0.046228	0.025992	0.009458	-0.028390	-0.039067
	0.029654	0.023505	0.081636	-0.000408	0.051320	-0.035667
	-0.022941					
z93	0.043714	0.016977	-0.017037	-0.030490	-0.014794	-0.000111
	0.006308	0.017115	-0.016846	0.006088	0.024395	-0.004512
	0.017837	0.006289	0.056859	0.043679	-0.024285	-0.023342
	-0.013152	0.005778	-0.006611	-0.035963	0.004343	0.008334
	0.044765	0.053662	-0.034426	0.009921	0.012748	-0.041195
	0.034137					
x94	0.002672	0.046775	-0.000453	0.028916	0.001449	0.030418
	0.018298	-0.012652	0.030751	-0.021878	-0.009264	0.043078
	0.004146	-0.004045	0.036108	-0.025369	-0.013557	-0.007104
	0.034425	0.030683	-0.002681	-0.000116	0.017164	-0.000215
	0.036424	-0.014031	0.026255	-0.029688	-0.071419	0.023446
	-0.000990					
y94	0.033474	-0.010763	-0.036382	0.070097	-0.016557	-0.009992
	0.030090	-0.036759	-0.044318	0.033776	0.044185	-0.026656
	-0.000139	0.057219	0.037265	0.020113	0.021409	-0.006092
	-0.004052	-0.031860	0.014484	-0.009696	-0.014489	-0.026540
	0.012002	0.010766	0.078080	-0.005062	0.073810	-0.045743
	-0.005450					
z94	0.041389	0.019612	-0.011359	-0.041382	-0.025787	0.000524
	0.015716	0.011559	-0.011391	0.001284	0.024735	-0.003070
	0.024347	0.004183	0.048784	0.035952	-0.037331	-0.016462
	-0.013592	0.004241	-0.016777	-0.034115	0.006221	0.014064
	0.040501	0.034704	-0.054412	0.008217	0.024149	-0.031731
	0.031863					
x95	0.002457	0.046276	0.005326	0.030460	0.002677	0.028660
	0.015341	-0.013119	0.035129	-0.024084	-0.009392	0.044261
	0.004067	-0.002598	0.037859	-0.024761	-0.017836	-0.002965
	0.041804	0.028748	-0.002504	0.002776	0.025271	0.014764
	0.032791	-0.020361	0.034994	-0.037200	-0.066010	0.027581
	-0.007505					
y95	0.036311	-0.007140	-0.043046	0.070172	-0.016812	-0.004574
	0.035976	-0.036409	-0.054392	0.029890	0.051865	-0.035234
	0.006398	0.057084	0.040084	0.015862	0.018734	-0.008257
	-0.001612	-0.018718	0.011375	-0.011448	-0.010965	-0.013441
	0.001453	0.000349	0.066337	-0.004454	0.089671	-0.049794
	0.009375					

z95	0.038301	0.021233	-0.003562	-0.051260	-0.038658	0.001181
	0.021863	0.004438	-0.003843	-0.004978	0.016903	-0.000601
	0.031555	0.003496	0.040601	0.026655	-0.048400	-0.017703
	-0.012804	0.008045	-0.029064	-0.045443	0.018905	0.021833
	0.025905	0.020564	-0.061445	-0.007148	0.031506	-0.026834
	0.023531					
x96	0.002983	0.044823	0.009258	0.032663	0.006487	0.024676
	0.012669	-0.012012	0.039874	-0.023879	-0.007031	0.047358
	0.002985	-0.000677	0.039042	-0.019396	-0.019524	0.004651
	0.050425	0.025266	0.001233	0.010278	0.027693	0.022682
	0.027614	-0.019740	0.040950	-0.032662	-0.061933	0.024409
	-0.007706					
y96	0.039166	-0.004087	-0.046810	0.069110	-0.019962	0.001831
	0.040888	-0.038402	-0.062583	0.026119	0.053653	-0.044641
	0.013854	0.057140	0.041247	0.010939	0.012562	-0.010716
	-0.002391	-0.006389	0.002554	-0.021175	-0.001889	-0.000476
	-0.008073	-0.009460	0.050401	-0.019590	0.096629	-0.043258
	0.017528					
z96	0.035038	0.021527	0.001715	-0.059010	-0.045630	-0.000440
	0.025958	0.000861	0.006010	-0.008780	0.016001	0.004926
	0.035165	0.000986	0.032821	0.022727	-0.053679	-0.013888
	-0.006601	0.006234	-0.027468	-0.044282	0.025016	0.023587
	0.012389	0.014280	-0.059362	-0.002855	0.038813	-0.037071
	0.025188					
x97	0.003856	0.043517	0.012260	0.036616	0.010760	0.021083
	0.013170	-0.012179	0.041045	-0.024537	-0.002235	0.048208
	0.001033	0.002674	0.040591	-0.012183	-0.017549	0.015631
	0.058766	0.025172	-0.003095	0.016184	0.029428	0.024535
	0.023666	-0.018659	0.038646	-0.032094	-0.052714	0.025030
	0.001022					
y97	0.041511	-0.002503	-0.049286	0.066044	-0.021981	0.007505
	0.043326	-0.040711	-0.066182	0.023429	0.054849	-0.052243
	0.021162	0.056865	0.040153	0.008788	0.004631	-0.011205
	-0.002063	0.002438	-0.002001	-0.031971	0.009398	0.009222
	-0.019705	-0.013167	0.041954	-0.027805	0.097965	-0.046031
	0.017856					
z97	0.032350	0.022879	0.007664	-0.062333	-0.051374	-0.000277
	0.033656	-0.003827	0.012716	-0.014944	0.016938	0.010320
	0.040621	-0.000566	0.028929	0.024280	-0.047725	-0.002683
	0.000966	0.007016	-0.031595	-0.040979	0.031602	0.021754
	0.011681	0.009007	-0.067458	-0.010684	0.046817	-0.027356
	0.037152					

x98	0.004650	0.040972	0.015545	0.035161	0.013601	0.020151
	0.011646	-0.009289	0.046339	-0.019739	-0.003376	0.047596
	-0.002108	0.007978	0.041688	-0.010223	-0.022272	0.019520
	0.062964	0.023875	-0.001297	0.021965	0.025087	0.030561
	0.018502	-0.012158	0.044721	-0.024375	-0.046194	0.029559
	-0.005914					
y98	0.042889	-0.000606	-0.050655	0.062635	-0.022321	0.013901
	0.046881	-0.043089	-0.068806	0.018862	0.055705	-0.057883
	0.029163	0.054950	0.040701	0.009328	0.004477	-0.010491
	-0.002516	0.011530	-0.004244	-0.037423	0.021147	0.011181
	-0.024526	-0.015970	0.031985	-0.039941	0.097420	-0.043373
	0.016433					
z98	0.030579	0.021763	0.014180	-0.067861	-0.058953	0.001138
	0.035944	-0.004846	0.022938	-0.015859	0.009614	0.013365
	0.042840	0.000103	0.025395	0.018031	-0.057715	0.003397
	0.007966	0.001325	-0.022030	-0.037116	0.023784	0.029754
	-0.000568	0.008795	-0.060320	-0.021239	0.039437	-0.015431
	0.038811					
x99	0.005172	0.038960	0.017176	0.034838	0.018043	0.014964
	0.009691	-0.009015	0.047478	-0.015327	-0.002270	0.046214
	-0.003238	0.014860	0.038873	-0.001269	-0.025647	0.022924
	0.065852	0.018908	-0.006112	0.016609	0.023585	0.029752
	0.010620	-0.007882	0.041421	-0.009504	-0.038602	0.025314
	-0.014186					
y99	0.044598	0.000511	-0.049884	0.058829	-0.022287	0.020880
	0.051569	-0.043679	-0.068719	0.013731	0.054483	-0.061830
	0.036362	0.051453	0.042690	0.010754	0.002414	-0.006275
	-0.002635	0.016353	0.001811	-0.035427	0.026611	0.009409
	-0.025531	-0.016773	0.018914	-0.059061	0.086465	-0.035656
	0.020608					
z99	0.027410	0.021088	0.019157	-0.070799	-0.062491	-0.002594
	0.034410	-0.008494	0.031706	-0.015857	0.005613	0.014378
	0.045516	0.001260	0.018305	0.022782	-0.058819	0.013252
	0.015719	-0.009898	-0.018080	-0.045620	0.026415	0.034890
	-0.016322	0.006032	-0.064176	-0.017025	0.026011	-0.015575
	0.029571					
x100	0.006129	0.037027	0.018125	0.034025	0.021385	0.010492
	0.007610	-0.009660	0.050061	-0.008762	-0.002435	0.044034
	-0.008211	0.022044	0.035288	0.002333	-0.029399	0.026154
	0.065305	0.015042	-0.013046	0.010718	0.015200	0.026249
	0.007052	-0.001328	0.040707	0.002516	-0.029012	0.015985
	-0.014738					

y100	0.046008	0.000415	-0.047447	0.054733	-0.021273	0.027526
	0.055761	-0.045586	-0.066157	0.008232	0.051423	-0.063681
	0.044799	0.046452	0.043296	0.014384	-0.002870	0.000484
	-0.001354	0.017439	0.013542	-0.033478	0.033339	0.007924
	-0.026410	-0.015474	0.002914	-0.081124	0.066542	-0.026452
	0.023378					
z100	0.023236	0.023106	0.025020	-0.074759	-0.067404	-0.004653
	0.031218	-0.015052	0.042176	-0.014052	-0.000633	0.014936
	0.039555	0.001627	0.007908	0.018038	-0.054849	0.027250
	0.017854	-0.022264	-0.016309	-0.042245	0.024301	0.029150
	-0.016183	0.006667	-0.056125	-0.015208	0.016288	-0.020886
	0.036061					
x101	0.006842	0.033811	0.020146	0.033207	0.024384	0.006069
	0.007662	-0.011388	0.051541	-0.004418	-0.003650	0.042020
	-0.010196	0.030188	0.033594	0.004574	-0.032256	0.025793
	0.064936	0.014819	-0.023304	0.001727	0.002815	0.025057
	-0.006820	0.009845	0.041349	0.019240	-0.016075	0.014204
	-0.023427					
y101	0.046703	-0.000338	-0.041885	0.049435	-0.020525	0.033994
	0.059931	-0.046307	-0.060684	0.001531	0.045383	-0.063844
	0.053301	0.041524	0.042371	0.018239	-0.007554	0.011146
	-0.000471	0.015389	0.027794	-0.030038	0.038728	0.004322
	-0.025139	-0.011833	-0.010072	-0.107920	0.043525	-0.013274
	0.022046					
z101	0.019320	0.025076	0.031898	-0.074663	-0.071216	-0.003786
	0.031429	-0.022074	0.049859	-0.016616	-0.005909	0.015807
	0.038975	0.002713	0.004694	0.011772	-0.044747	0.038238
	0.022607	-0.028009	-0.014901	-0.038961	0.009885	0.032116
	-0.038659	0.010384	-0.047710	-0.010176	0.006878	-0.002380
	0.027253					
x102	0.007235	0.029463	0.019975	0.028855	0.026827	0.002749
	0.003513	-0.008614	0.055038	0.008380	-0.007942	0.037220
	-0.013988	0.041089	0.029103	0.009390	-0.035451	0.027366
	0.058931	0.019922	-0.037600	-0.010777	-0.007858	0.017425
	-0.012400	0.027172	0.047672	0.038938	0.002518	0.007265
	-0.038802					
y102	0.047031	-0.001339	-0.034312	0.043770	-0.019229	0.040234
	0.064143	-0.045892	-0.053966	-0.005607	0.038366	-0.064372
	0.061298	0.036380	0.041825	0.023383	-0.011282	0.024864
	0.001457	0.012550	0.044025	-0.023149	0.042305	-0.002031
	-0.020789	-0.008197	-0.026613	-0.139509	0.010930	0.000968
	0.018603					

z102	0.014920	0.024313	0.033054	-0.078761	-0.073873	-0.002709
	0.023280	-0.021037	0.065058	-0.007997	-0.014896	0.008774
	0.036374	0.004487	0.006438	0.009854	-0.030081	0.051865
	0.026686	-0.019814	-0.005363	-0.031075	0.001065	0.036494
	-0.037417	0.009998	-0.031341	-0.008338	-0.002261	-0.001949
	0.006199					
x103	0.007810	0.027648	0.017564	0.026091	0.029358	0.002210
	0.005393	-0.008899	0.045123	0.008322	-0.006761	0.027848
	-0.003069	0.046863	0.031019	0.021943	-0.038024	0.034907
	0.049882	0.020625	-0.031563	-0.019505	-0.018724	0.012344
	-0.015855	0.014409	0.032601	0.049275	0.011748	0.014207
	-0.044254					
y103	0.043538	-0.000050	-0.031931	0.034469	-0.021501	0.049898
	0.060623	-0.034338	-0.051046	-0.001481	0.022777	-0.053235
	0.068557	0.037098	0.044429	0.023337	-0.017640	0.019632
	0.005245	0.022579	0.040510	-0.025965	0.035917	-0.012432
	-0.040746	-0.008655	-0.013174	-0.104169	0.002148	0.007563
	0.003614					
z103	0.010815	0.026365	0.037003	-0.079177	-0.068580	-0.003572
	0.018037	-0.029384	0.074852	-0.006743	-0.021029	-0.002885
	0.033392	0.004113	0.000360	0.004770	-0.012630	0.053669
	0.034211	-0.019974	0.007358	-0.017595	-0.012593	0.029548
	-0.018496	0.011636	-0.019159	0.002018	-0.004612	-0.001426
	-0.005574					
x104	0.007852	0.024285	0.016209	0.022938	0.030411	-0.001421
	0.006754	-0.005701	0.038253	0.007337	-0.003727	0.022069
	0.006854	0.052629	0.030731	0.035752	-0.036256	0.040255
	0.041544	0.024697	-0.029227	-0.022900	-0.022545	0.009607
	-0.018051	0.010698	0.011500	0.052867	0.015379	0.018568
	-0.048244					
y104	0.040187	0.001471	-0.028150	0.025046	-0.023924	0.057047
	0.057087	-0.021666	-0.047167	0.004835	0.012505	-0.040237
	0.074430	0.037892	0.041589	0.022756	-0.021202	0.014662
	0.006822	0.034802	0.030831	-0.025593	0.029167	-0.016876
	-0.054940	-0.007313	-0.007960	-0.068563	-0.002030	0.010346
	-0.011449					
z104	0.007886	0.028198	0.042312	-0.079671	-0.064491	-0.006329
	0.016912	-0.028604	0.080329	-0.003509	-0.016440	-0.001997
	0.033847	-0.001425	-0.010711	0.007914	0.003631	0.047991
	0.026038	-0.010465	0.001327	-0.005647	-0.017007	0.030018
	0.003565	0.018368	-0.025321	0.016341	0.004140	-0.014777
	-0.011986					

x105	0.008104	0.021034	0.016663	0.019114	0.031813	-0.002842
	0.005382	-0.003200	0.030021	0.005837	-0.004195	0.019068
	0.015427	0.052366	0.026557	0.038782	-0.034192	0.039141
	0.033572	0.033207	-0.020800	-0.021161	-0.024139	0.015699
	-0.023990	0.005283	0.005406	0.050487	0.022251	0.027439
	-0.038825					
y105	0.038188	0.002379	-0.025372	0.017393	-0.025254	0.061438
	0.052526	-0.013043	-0.041123	0.009485	0.001926	-0.029048
	0.081448	0.035600	0.039899	0.021957	-0.022429	0.009564
	0.011694	0.048947	0.024902	-0.023060	0.020988	-0.011245
	-0.068471	-0.005098	0.000243	-0.043069	-0.009515	0.013223
	-0.017699					
z105	0.007049	0.028692	0.043805	-0.073142	-0.059860	-0.007634
	0.010965	-0.038648	0.087498	-0.003573	-0.019916	-0.012702
	0.034440	-0.011079	-0.011099	0.004517	0.021001	0.047414
	0.026647	0.001087	0.009567	0.005794	-0.023718	0.038810
	0.007733	0.023188	-0.006935	0.011728	0.005063	-0.018018
	-0.007732					
x106	0.005294	0.017799	0.014464	0.013321	0.031542	-0.003743
	0.002645	-0.002955	0.021162	0.006841	-0.009559	0.016037
	0.018314	0.049671	0.018266	0.026404	-0.041086	0.030680
	0.025370	0.041250	-0.007472	-0.016774	-0.031778	0.018205
	-0.030074	0.000507	0.007693	0.027546	0.025136	0.031960
	-0.029986					
y106	0.035598	0.002421	-0.022614	0.009220	-0.028585	0.064654
	0.046699	-0.008742	-0.035077	0.012330	-0.010131	-0.023256
	0.084994	0.031692	0.036062	0.013772	-0.027647	0.002798
	0.006513	0.057824	0.018658	-0.019756	0.015175	-0.013148
	-0.070691	-0.000994	-0.000116	-0.035806	-0.014050	0.019598
	-0.014204					
z106	0.003286	0.029532	0.041833	-0.067116	-0.058993	-0.007719
	0.005513	-0.051784	0.087067	-0.002024	-0.029432	-0.026649
	0.028589	-0.024531	-0.015841	-0.013583	0.019121	0.042225
	0.015826	0.006125	0.018453	0.010263	-0.035766	0.032365
	0.014902	0.024787	0.016091	-0.019321	0.008909	-0.020366
	0.003006					
x107	0.005965	0.012492	0.015096	0.010205	0.032256	-0.005366
	0.001686	0.001247	0.017143	0.003500	-0.011029	0.013538
	0.022580	0.051435	0.018435	0.028970	-0.027660	0.026191
	0.013987	0.038477	0.001878	-0.010603	-0.026428	0.018171
	-0.029188	0.000581	0.003658	0.030933	0.027315	0.042288
	-0.031019					

y107	0.035253	0.000922	-0.018301	-0.001352	-0.028665	0.065495
	0.040481	-0.006793	-0.024809	0.011987	-0.019753	-0.016868
	0.083203	0.029661	0.031845	0.009676	-0.023259	-0.002714
	0.004591	0.060461	0.009622	-0.015138	0.010364	-0.022692
	-0.070726	-0.000258	-0.000542	-0.019590	-0.021038	0.020043
	-0.001648					
z107	0.004389	0.029509	0.042211	-0.060957	-0.054892	-0.008359
	0.003180	-0.060183	0.090920	-0.007908	-0.033542	-0.036088
	0.019803	-0.033419	-0.010762	-0.008648	0.036514	0.045984
	0.007583	0.002983	0.016224	0.004938	-0.037888	0.010737
	0.017033	0.020495	0.032143	-0.012781	0.012096	-0.025888
	0.009816					
x108	0.006397	0.008487	0.013960	0.001239	0.033729	-0.006322
	0.003130	0.007186	0.003949	0.001830	-0.015150	0.012438
	0.021598	0.053377	0.015296	0.038053	-0.021667	0.010652
	-0.001226	0.020760	0.019597	-0.010106	-0.019968	0.001370
	-0.017309	-0.006314	-0.008267	0.042400	0.031290	0.046941
	-0.039573					
y108	0.034958	0.001437	-0.014403	-0.016822	-0.026103	0.064197
	0.038104	-0.009271	-0.025602	0.011162	-0.027964	-0.017852
	0.076202	0.032004	0.024479	0.011600	-0.023859	-0.008276
	-0.004319	0.048747	0.011106	-0.011192	0.008704	-0.049123
	-0.056671	-0.005844	-0.013950	0.010020	-0.023423	0.018585
	-0.005346					
z108	0.004689	0.032426	0.039264	-0.057135	-0.050366	-0.010846
	0.006169	-0.067205	0.079204	-0.013830	-0.037391	-0.046737
	0.009382	-0.041538	-0.007652	0.004509	0.042488	0.050358
	-0.011175	-0.011045	0.020722	-0.009087	-0.035360	-0.021006
	0.023698	0.010701	0.041753	0.003684	0.019188	-0.035803
	0.000880					
x109	0.004865	0.003434	0.012640	-0.008057	0.032724	-0.008790
	0.001242	0.019541	-0.003141	0.002130	-0.021680	0.019195
	0.021062	0.050184	0.008827	0.039042	-0.013108	-0.011039
	-0.010950	0.012442	0.033279	-0.001115	-0.010731	-0.000716
	-0.009343	-0.003644	-0.014750	0.041674	0.029722	0.053973
	-0.035530					
y109	0.033289	0.004392	-0.012403	-0.028184	-0.025886	0.062221
	0.034239	-0.004050	-0.020159	0.016549	-0.036217	-0.012240
	0.073367	0.027525	0.014024	0.007355	-0.024248	-0.024097
	-0.002206	0.044032	0.002097	-0.004523	-0.008978	-0.040188
	-0.038849	-0.006402	-0.021346	0.034816	-0.021477	0.032534
	0.003537					

z109	0.003154	0.033947	0.035118	-0.050629	-0.046921	-0.011396
	0.006866	-0.069143	0.071519	-0.017034	-0.045583	-0.053731
	0.000420	-0.056399	-0.003207	0.012519	0.047484	0.055474
	-0.034901	-0.025449	0.019128	-0.024112	-0.036256	-0.033506
	0.027169	0.005949	0.059836	0.013166	0.017778	-0.032319
	0.013472					
x110	0.002553	-0.004311	0.014733	-0.014360	0.028872	-0.014335
	-0.004497	0.031756	-0.000492	-0.004754	-0.027503	0.025798
	0.024286	0.045293	0.001789	0.030632	0.005810	-0.017647
	-0.023749	0.018580	0.047491	0.012547	0.010579	0.008300
	-0.017985	0.013099	-0.013832	0.018528	0.016423	0.049559
	-0.023385					
y110	0.032300	0.001552	-0.004120	-0.036951	-0.027157	0.054677
	0.024412	-0.004286	-0.004905	0.012719	-0.042527	-0.007941
	0.070735	0.022485	-0.002495	-0.010306	-0.014204	-0.016630
	-0.015480	0.051701	-0.009075	0.007187	-0.005891	-0.021094
	-0.039189	0.008215	-0.030984	0.020825	-0.032407	0.022150
	0.036053					
z110	0.003395	0.034033	0.031151	-0.040030	-0.045706	-0.013737
	0.008342	-0.072894	0.064288	-0.023238	-0.051843	-0.063099
	-0.008540	-0.070072	0.004506	0.021534	0.054259	0.073338
	-0.063604	-0.038326	0.015975	-0.047862	-0.028883	-0.047069
	0.014695	0.004573	0.080603	0.009644	0.009119	-0.040148
	0.017479					
x111	0.000697	-0.012237	0.014387	-0.021245	0.025042	-0.018211
	-0.006836	0.043389	0.000138	-0.007313	-0.036207	0.032130
	0.024850	0.038097	-0.000025	0.034732	0.025942	-0.031892
	-0.033107	0.013337	0.066186	0.016945	0.026967	0.009464
	-0.016296	0.025118	-0.011444	0.003656	0.006259	0.051402
	-0.022335					
y111	0.032182	-0.000522	-0.001219	-0.044972	-0.029186	0.047069
	0.019087	-0.006328	0.011180	0.016148	-0.044714	-0.010932
	0.069069	0.015371	-0.008444	-0.004485	-0.005122	-0.013134
	-0.022769	0.051610	-0.022967	0.006472	-0.013501	-0.010547
	-0.031052	0.015781	-0.042745	0.010474	-0.034499	0.023974
	0.049849					
z111	0.004833	0.034296	0.024490	-0.028269	-0.043570	-0.013787
	0.012831	-0.078131	0.051235	-0.029589	-0.058556	-0.073703
	-0.019694	-0.082976	0.020209	0.041109	0.059630	0.090824
	-0.094260	-0.061073	0.010499	-0.079829	-0.020003	-0.072622
	0.005709	-0.003983	0.102406	0.018171	0.008746	-0.038525
	0.020600					

x112	-0.002998	-0.000417	0.002209	-0.051344	0.010513	-0.003622
	-0.005364	0.047590	-0.007993	-0.024495	-0.040530	0.016856
	0.021269	0.019176	-0.009963	0.025217	0.011877	-0.059649
	-0.023523	-0.019242	0.060307	0.016585	0.023385	-0.007092
	-0.033370	0.043214	0.014047	-0.005919	0.002840	0.033113
	-0.013497					
y112	0.030200	-0.004876	0.000269	-0.043261	-0.027473	0.031309
	0.019006	-0.018023	0.025535	0.033800	-0.033924	-0.027279
	0.045848	-0.008921	-0.007618	0.017396	-0.001006	-0.009167
	-0.011473	0.037791	-0.028621	0.009195	-0.037677	-0.011644
	-0.024844	0.011438	-0.041418	-0.008778	-0.056213	0.028937
	0.074833					
z112	-0.003710	0.023483	0.021365	-0.002851	-0.040819	-0.014599
	0.005436	-0.058354	0.035987	-0.019300	-0.042579	-0.068626
	-0.054141	-0.088922	0.027600	0.013478	0.034110	0.081040
	-0.069531	-0.027520	0.043139	-0.035141	-0.025556	-0.022894
	-0.031008	0.038516	0.063071	0.024685	0.013435	-0.038739
	0.012252					
x113	-0.009202	0.010122	-0.008061	-0.066656	-0.001345	0.008519
	-0.003212	0.044496	-0.021077	-0.041934	-0.046666	0.002018
	0.013193	0.009192	-0.024392	0.018689	-0.009565	-0.096423
	-0.008780	-0.037593	0.049397	0.027810	0.027996	0.001161
	-0.044214	0.068251	0.037835	-0.009173	0.010541	0.019297
	-0.010670					
y113	0.024108	-0.010701	0.001263	-0.032081	-0.025788	0.022049
	0.012027	-0.033283	0.021569	0.042992	-0.015978	-0.044376
	0.028081	-0.024108	-0.013965	0.023476	-0.020628	-0.032153
	0.003290	0.041735	-0.044154	0.033990	-0.049326	0.015397
	-0.033667	0.020427	-0.018843	-0.018589	-0.054940	0.039923
	0.074800					
z113	-0.010816	0.015749	0.017801	0.017052	-0.037300	-0.017730
	0.002355	-0.040698	0.019802	-0.014938	-0.031570	-0.062474
	-0.079942	-0.089874	0.039232	-0.004249	0.011830	0.074325
	-0.048324	-0.003666	0.059210	-0.006926	-0.026008	0.007731
	-0.055223	0.068292	0.026820	0.036487	0.012768	-0.048229
	0.008275					
x114	-0.010272	0.014596	-0.014296	-0.086797	-0.014966	0.024985
	-0.002152	0.052952	-0.004691	-0.040264	-0.075126	-0.004796
	0.004096	-0.001914	-0.019395	0.017560	-0.011981	-0.117627
	-0.010628	-0.067670	0.062090	0.048073	0.029671	0.020778
	-0.036404	0.098219	0.051191	0.011287	-0.009822	0.037494
	-0.020521					

y114	0.022762	-0.018179	0.004769	-0.031704	-0.025518	0.011806
	0.011737	-0.033970	0.036424	0.057364	-0.025560	-0.052365
	0.014261	-0.031852	0.004896	0.043567	-0.016720	-0.045018
	-0.003993	0.013730	-0.044951	0.058408	-0.052444	0.035456
	-0.024043	0.026067	-0.018867	-0.003005	-0.080286	0.054538
	0.069214					
z114	-0.017474	0.010968	0.014156	0.034469	-0.033276	-0.021458
	-0.002073	-0.025874	0.000993	-0.013882	-0.015141	-0.056103
	-0.100742	-0.089738	0.039690	-0.023900	-0.010085	0.066378
	-0.026520	0.026989	0.066514	0.013533	-0.027333	0.026893
	-0.081227	0.082181	-0.001450	0.033311	0.018261	-0.049042
	0.006429					
x115	-0.015060	0.020418	-0.021253	-0.094863	-0.027293	0.030890
	0.003748	0.056006	0.001632	-0.051018	-0.090010	-0.012072
	-0.006005	-0.002749	-0.023329	0.017598	-0.008371	-0.127749
	-0.008069	-0.082062	0.057152	0.055032	0.033583	0.023000
	-0.029820	0.096510	0.046604	0.020874	-0.016036	0.045043
	-0.029112					
y115	0.014731	-0.021530	0.009384	-0.025812	-0.027419	-0.001818
	0.014242	-0.033490	0.038177	0.057186	-0.023039	-0.050768
	-0.000886	-0.028074	0.005563	0.058463	-0.015793	-0.050283
	-0.004071	0.006099	-0.054498	0.068366	-0.041783	0.041835
	-0.017529	0.012663	-0.021227	-0.006171	-0.083227	0.060984
	0.058925					
z115	-0.020555	0.007667	0.009291	0.045223	-0.027008	-0.025570
	-0.004962	-0.014828	-0.019753	-0.011817	-0.002649	-0.054777
	-0.115899	-0.088922	0.040426	-0.038611	-0.027986	0.056671
	-0.007858	0.048647	0.067548	0.022434	-0.032989	0.033617
	-0.102888	0.090226	-0.022129	0.031864	0.020367	-0.053944
	0.010016					
x116	-0.023729	0.027817	-0.030909	-0.087922	-0.032675	0.020572
	0.012805	0.046629	-0.012534	-0.077116	-0.083717	-0.030453
	-0.012997	-0.000717	-0.037127	0.013526	-0.012085	-0.126497
	0.007184	-0.085787	0.025045	0.037178	0.036933	0.003109
	-0.028334	0.067658	0.031783	0.011095	0.004957	0.004464
	-0.007778					
y116	0.004786	-0.024303	0.014249	-0.017031	-0.027363	-0.015176
	0.016323	-0.036977	0.035287	0.057423	-0.017148	-0.045528
	-0.019443	-0.027339	-0.000852	0.063652	-0.026713	-0.050720
	0.008536	-0.000028	-0.059122	0.064814	-0.031351	0.041448
	-0.006554	0.008904	-0.016439	-0.010791	-0.072793	0.045082
	0.058564					

z116	-0.019324	0.002996	0.005054	0.044797	-0.024349	-0.025143
	-0.009881	0.000296	-0.026761	-0.001957	-0.002323	-0.051875
	-0.124336	-0.086375	0.045746	-0.042740	-0.031913	0.044929
	-0.004075	0.062591	0.074082	0.026843	-0.038567	0.040345
	-0.111822	0.098455	-0.033662	0.038296	0.012234	-0.037685
	-0.004375					
x117	-0.024790	0.024999	-0.037141	-0.086056	-0.043621	0.026791
	0.013548	0.050899	0.013441	-0.066931	-0.100539	-0.034993
	-0.018090	-0.006349	-0.036173	0.017724	-0.000715	-0.106277
	0.006141	-0.085168	0.035370	0.033505	0.030861	0.008837
	0.007262	0.061934	0.009306	0.017183	-0.010248	0.032796
	-0.015500					
y117	-0.002426	-0.027108	0.018244	-0.008332	-0.032186	-0.026476
	0.019813	-0.040218	0.032301	0.060403	-0.019218	-0.038865
	-0.038613	-0.022129	-0.001222	0.078948	-0.027604	-0.052385
	0.018481	-0.005186	-0.052815	0.062787	-0.028201	0.034973
	0.000026	0.005583	-0.034318	-0.012179	-0.064372	0.031523
	0.055282					
z117	-0.021588	0.004207	-0.000036	0.044179	-0.015502	-0.034646
	-0.012034	0.009240	-0.045806	-0.009626	0.009337	-0.056787
	-0.128988	-0.078557	0.044632	-0.052342	-0.040009	0.031358
	0.000835	0.076454	0.052576	0.010417	-0.034802	0.030194
	-0.136341	0.073929	-0.026044	0.023228	0.023715	-0.045587
	0.004263					
x118	-0.027170	0.024402	-0.044165	-0.065797	-0.050438	0.011679
	0.020326	0.043309	0.025184	-0.080151	-0.093517	-0.060426
	-0.025753	0.005402	-0.031414	0.043996	0.029936	-0.072111
	0.017090	-0.073856	0.014043	0.015579	0.028684	-0.003813
	0.019240	0.027875	-0.035955	0.018660	-0.008171	0.027364
	-0.016557					
y118	-0.010095	-0.029468	0.022142	0.000164	-0.036983	-0.036557
	0.023408	-0.043019	0.032622	0.061324	-0.023227	-0.033811
	-0.067176	-0.014538	0.006910	0.092663	-0.021060	-0.059814
	0.027675	-0.000766	-0.029702	0.060892	-0.026539	0.035132
	-0.012366	0.001205	-0.042033	-0.012363	-0.053762	0.009960
	0.048059					
z118	-0.021827	0.004482	-0.004661	0.030876	-0.006437	-0.035418
	-0.016784	0.024807	-0.054413	-0.004425	0.004694	-0.050498
	-0.125149	-0.077806	0.035405	-0.075689	-0.053801	0.018265
	0.000676	0.081382	0.045405	-0.007585	-0.028580	0.029041
	-0.146790	0.050947	-0.002063	-0.004538	0.026760	-0.028532
	0.019166					

x119	-0.029284	0.022812	-0.049065	-0.046388	-0.051710	0.001428
	0.023049	0.034429	0.033166	-0.082030	-0.097460	-0.086629
	-0.054734	0.007427	-0.035874	0.042066	0.047139	-0.050701
	0.027814	-0.052644	0.017392	0.017814	-0.002582	0.001430
	-0.001519	-0.023650	-0.055701	-0.001948	-0.002529	0.031449
	-0.004309					
y119	-0.018959	-0.031915	0.026802	0.007552	-0.042249	-0.045529
	0.030027	-0.037844	0.031239	0.063697	-0.032905	-0.017882
	-0.093271	-0.006276	0.010878	0.097518	-0.016091	-0.067348
	0.033179	0.007346	0.005273	0.049868	-0.014278	0.040165
	-0.026480	0.000509	-0.052991	-0.014160	-0.026932	-0.027376
	0.054000					
z119	-0.017485	0.005690	-0.011540	0.020418	-0.001929	-0.044944
	-0.016311	0.040056	-0.060604	-0.007585	0.007026	-0.042601
	-0.105255	-0.065061	0.038804	-0.065023	-0.046247	0.022379
	-0.001763	0.077938	0.017214	-0.033076	-0.003717	-0.001314
	-0.113477	0.028566	-0.009875	-0.004860	0.016146	0.008401
	0.031333					
x120	-0.031600	0.019978	-0.054570	-0.023123	-0.052685	-0.016991
	0.035235	0.035236	0.039404	-0.080412	-0.105257	-0.102940
	-0.082299	0.010584	-0.037802	0.049273	0.066626	-0.033554
	0.028916	-0.024431	0.019833	0.006941	-0.009319	0.001483
	0.005326	-0.078503	-0.102954	-0.015528	0.011733	0.036786
	0.051543					
y120	-0.025807	-0.034873	0.032204	0.014563	-0.051200	-0.049530
	0.029633	-0.036792	0.025089	0.066832	-0.037213	0.006906
	-0.118333	0.015542	0.010848	0.110686	-0.024395	-0.076620
	0.036914	0.005186	0.026279	0.040794	-0.006491	0.012895
	-0.018502	-0.010291	-0.076465	0.003952	0.003859	-0.059048
	0.012806					
z120	-0.009839	0.008405	-0.017170	0.005652	0.004420	-0.050722
	-0.022311	0.045136	-0.068975	-0.010587	0.011726	-0.041605
	-0.089751	-0.047068	0.029792	-0.052137	-0.047846	0.021343
	-0.007402	0.061442	-0.028827	-0.046313	-0.011462	-0.057425
	-0.089499	-0.015051	-0.012345	-0.003844	0.000836	0.048784
	0.007793					
x121	-0.032841	0.021361	-0.065156	-0.020371	-0.051864	-0.014968
	0.029882	0.038913	0.045590	-0.065348	-0.083623	-0.117502
	-0.094139	0.003829	-0.028431	0.029796	0.068585	-0.011243
	0.025196	-0.009885	0.004566	0.006907	0.024615	0.030436
	0.040888	-0.095172	-0.065286	0.013195	0.017261	-0.009096
	0.004517					

y121	-0.023795	-0.033999	0.028277	0.008198	-0.052219	-0.040392
	0.021550	-0.033431	0.013747	0.066867	-0.035875	0.015499
	-0.127098	0.009493	0.006435	0.085235	-0.053909	-0.085918
	0.026240	0.003707	0.021394	0.045690	-0.001913	-0.006133
	-0.012075	-0.030545	-0.044094	-0.007595	0.031983	-0.050929
	0.019844					
z121	-0.006498	0.007635	-0.021027	-0.008203	0.001665	-0.042922
	-0.032667	0.039455	-0.060694	0.010598	0.009094	-0.037244
	-0.086061	-0.034240	0.040840	-0.051876	-0.047336	-0.007877
	0.005567	0.062487	-0.023984	-0.038537	-0.005581	-0.065034
	-0.071511	-0.016498	-0.014446	-0.006786	-0.018550	0.043442
	-0.031487					
x122	-0.034244	0.024709	-0.074058	-0.014702	-0.050770	-0.012480
	0.025425	0.034900	0.036579	-0.053826	-0.066094	-0.130422
	-0.109161	-0.000151	-0.026551	0.001959	0.052828	-0.000153
	0.021738	0.004734	-0.015484	0.001045	0.046326	0.041234
	0.057402	-0.117970	-0.027243	0.018065	0.022671	-0.052118
	-0.010886					
y122	-0.020558	-0.033867	0.025916	0.001805	-0.052801	-0.032700
	0.014323	-0.026065	0.012182	0.067104	-0.032530	0.025860
	-0.125371	0.005511	0.006647	0.067361	-0.067115	-0.091529
	0.014091	0.000543	0.018793	0.052518	0.006637	-0.009575
	0.000369	-0.032811	-0.016697	-0.007832	0.051766	-0.035925
	0.009011					
z122	-0.001747	0.004889	-0.023682	-0.018389	0.000048	-0.039218
	-0.040383	0.039353	-0.048058	0.028321	0.008925	-0.032227
	-0.075346	-0.022708	0.055930	-0.041707	-0.035350	-0.032498
	0.009479	0.059852	-0.018416	-0.030297	0.000585	-0.060795
	-0.051426	-0.006185	-0.024409	-0.001056	-0.030342	0.039753
	-0.062046					
x123	-0.033785	0.026511	-0.079543	-0.012517	-0.051017	-0.004105
	0.021070	0.032026	0.032083	-0.036933	-0.057932	-0.133514
	-0.120500	-0.005450	-0.024101	-0.025318	0.032783	0.004438
	0.014004	0.017267	-0.024355	-0.004081	0.059969	0.050533
	0.070838	-0.123422	0.006488	0.012416	0.012043	-0.068850
	-0.024140					
y123	-0.018036	-0.030725	0.024252	-0.000257	-0.049667	-0.030740
	0.009882	-0.023301	0.007394	0.060106	-0.023934	0.028705
	-0.118631	0.003260	0.006051	0.053638	-0.066784	-0.090601
	0.004069	-0.001826	0.013942	0.057983	0.009183	-0.012782
	0.013607	-0.043372	0.007689	0.003962	0.085461	-0.028910
	-0.005062					

z123	0.003183	0.003316	-0.025682	-0.023464	0.001641	-0.039514
	-0.046958	0.037737	-0.041116	0.039801	0.012767	-0.031331
	-0.062620	-0.011715	0.070420	-0.028635	-0.017444	-0.050300
	0.008829	0.052652	-0.015439	-0.023604	0.002037	-0.056801
	-0.029270	-0.002391	-0.030154	0.014973	-0.024136	0.030193
	-0.081851					
x124	-0.032451	0.028717	-0.080677	-0.006401	-0.048475	0.000587
	0.020379	0.027817	0.025317	-0.029603	-0.045736	-0.134164
	-0.118991	-0.006694	-0.016326	-0.035963	0.023603	0.008874
	0.009222	0.023983	-0.035314	-0.013944	0.070257	0.043719
	0.080277	-0.115859	0.016156	0.016916	0.013955	-0.082543
	-0.035716					
y124	-0.015129	-0.027963	0.022659	-0.003177	-0.047415	-0.027228
	0.006758	-0.020955	0.005765	0.057076	-0.020862	0.032815
	-0.114767	0.001383	0.002493	0.036141	-0.067593	-0.086456
	-0.006901	0.000198	0.014192	0.064348	0.008444	-0.007040
	0.020183	-0.049071	0.037030	0.002170	0.096999	-0.011319
	-0.018521					
z124	0.008169	0.001605	-0.028296	-0.028795	0.003498	-0.038429
	-0.052313	0.035450	-0.038944	0.052063	0.012831	-0.028640
	-0.054873	-0.001634	0.077918	-0.025522	-0.008347	-0.063106
	0.003430	0.046780	-0.013489	-0.015297	0.000701	-0.043884
	-0.012065	-0.003829	-0.021123	0.012334	-0.026326	0.030187
	-0.088897					
x125	-0.029027	0.031051	-0.078268	-0.000770	-0.045034	0.006134
	0.023324	0.022859	0.017435	-0.024402	-0.038662	-0.127296
	-0.109442	-0.005977	-0.005362	-0.041465	0.018268	0.010383
	0.000646	0.023054	-0.044486	-0.024256	0.071437	0.038127
	0.086203	-0.099736	0.016860	0.019861	0.006404	-0.077520
	-0.032206					
y125	-0.013131	-0.024984	0.021895	-0.004283	-0.044407	-0.025093
	0.003534	-0.020199	0.006630	0.052656	-0.017379	0.032267
	-0.110101	-0.001044	-0.000885	0.022158	-0.065926	-0.076657
	-0.010103	0.009676	0.018148	0.068093	0.005580	-0.008868
	0.020302	-0.050878	0.060549	-0.005477	0.117819	0.001001
	-0.032450					
z125	0.012706	-0.000752	-0.030568	-0.031534	0.006994	-0.037417
	-0.058495	0.033605	-0.038756	0.061612	0.014859	-0.027897
	-0.046906	0.005648	0.084366	-0.022304	-0.002696	-0.069852
	-0.000623	0.044315	-0.010893	-0.008260	-0.000916	-0.039873
	0.001514	-0.003492	-0.009214	0.003459	-0.014901	0.027710
	-0.092387					

x126	-0.023818	0.032819	-0.073238	0.005273	-0.039880	0.014156
	0.027833	0.015308	0.010812	-0.015428	-0.032751	-0.112906
	-0.095725	-0.007241	0.006099	-0.041575	0.016265	0.012962
	-0.011912	0.019691	-0.051488	-0.032181	0.061063	0.022279
	0.092809	-0.064844	0.008172	0.012039	-0.000593	-0.060410
	-0.010267					
y126	-0.012020	-0.020129	0.022987	-0.003931	-0.042752	-0.024634
	0.002548	-0.018383	0.006734	0.039037	-0.017361	0.028237
	-0.101049	0.000357	-0.001152	0.008272	-0.061270	-0.066009
	-0.008643	0.019453	0.026055	0.064923	0.003348	-0.005194
	0.013484	-0.057845	0.078529	-0.003941	0.122454	0.018699
	-0.065302					
z126	0.016909	-0.003126	-0.031586	-0.031739	0.010710	-0.037729
	-0.063002	0.034924	-0.042720	0.061208	0.014305	-0.030452
	-0.035092	0.013878	0.093036	-0.018924	0.001495	-0.075433
	-0.007232	0.038505	-0.007452	-0.004747	-0.002713	-0.028714
	0.011342	-0.013475	0.004257	0.000980	-0.007203	0.034569
	-0.097276					
x127	-0.018502	0.035621	-0.064941	0.012075	-0.034846	0.023073
	0.032698	0.006331	-0.001972	-0.010422	-0.032071	-0.096765
	-0.078732	-0.004153	0.016855	-0.042462	0.014608	0.007149
	-0.027732	0.016739	-0.056040	-0.041684	0.038487	-0.003644
	0.094827	-0.024719	0.001421	-0.008717	0.003570	-0.029801
	0.005550					
y127	-0.010078	-0.014930	0.024773	-0.002037	-0.040106	-0.024154
	0.004816	-0.018764	0.013546	0.025755	-0.015126	0.027532
	-0.088815	-0.002047	-0.000365	-0.001188	-0.050394	-0.045056
	-0.002110	0.029036	0.035133	0.058974	0.003717	0.001526
	0.003807	-0.056760	0.074650	0.000468	0.103328	0.031477
	-0.082220					
z127	0.022110	-0.007044	-0.032859	-0.028977	0.016859	-0.037298
	-0.065087	0.036260	-0.045610	0.059325	0.017663	-0.030292
	-0.019950	0.014592	0.101592	-0.011898	0.008423	-0.069540
	-0.015801	0.026480	-0.007122	-0.002266	-0.004275	-0.014730
	0.020660	-0.022231	0.003651	-0.002705	-0.013819	0.041210
	-0.070099					
x128	-0.011728	0.037515	-0.051100	0.014241	-0.030371	0.035808
	0.034121	0.000555	-0.013925	-0.003840	-0.045156	-0.072990
	-0.058547	0.006755	0.031500	-0.047791	0.008433	-0.009921
	-0.045948	0.009139	-0.039967	-0.045776	0.006989	-0.029289
	0.094538	0.013295	0.012416	-0.028417	0.020743	0.018087
	-0.003299					

y128	-0.007942	-0.008470	0.025375	0.007704	-0.036500	-0.027861
	0.014553	-0.026454	0.022818	0.010795	0.000027	0.024237
	-0.071821	-0.012063	-0.002928	-0.003240	-0.026534	-0.009080
	0.006721	0.049486	0.025991	0.038729	-0.002157	0.006293
	-0.012744	-0.033776	0.039690	-0.001197	0.046041	0.033962
	-0.060816					
z128	0.026462	-0.010162	-0.035925	-0.017743	0.024865	-0.040677
	-0.061418	0.032677	-0.057181	0.051575	0.032452	-0.032768
	-0.002436	0.006421	0.104781	-0.000684	0.019058	-0.053600
	-0.026923	0.018116	-0.027579	-0.014613	-0.012031	-0.005907
	0.023263	-0.024421	-0.017718	-0.014124	-0.032933	0.038961
	0.004106					
x129	-0.003235	0.071465	-0.058254	0.027085	-0.060779	0.002530
	0.001490	-0.000712	-0.046313	0.028118	-0.080125	0.027565
	-0.006109	-0.012830	-0.114310	-0.033129	0.035205	0.072468
	0.000110	-0.054853	-0.037678	-0.085521	-0.084574	0.009756
	-0.001537	0.014987	0.022064	0.027570	0.052457	0.007390
	0.028900					
y129	-0.033995	-0.033865	0.019582	-0.013315	-0.045819	0.006443
	0.016031	-0.036095	0.045051	0.002571	0.010103	-0.009250
	-0.007600	-0.066874	0.090237	-0.002111	0.045421	-0.021309
	-0.042791	0.011653	0.021411	0.047889	0.063397	0.003050
	-0.006869	-0.027861	-0.096388	0.096818	-0.015141	0.009599
	-0.029139					
z129	0.081745	0.005706	-0.072826	-0.016015	0.062721	-0.042011
	-0.096400	0.023934	-0.061158	0.025464	-0.023233	0.010950
	-0.041720	0.038428	-0.075221	-0.028014	0.060985	0.066631
	0.034909	-0.103893	-0.088266	-0.013839	-0.029470	-0.034988
	-0.074975	-0.066408	-0.056849	-0.038202	-0.021770	0.044030
	0.057371					
x130	-0.005056	0.067135	-0.050599	0.027583	-0.060854	0.020348
	-0.005155	0.005728	-0.038645	0.032609	-0.081162	0.037612
	0.002903	-0.016669	-0.079422	-0.027389	0.034274	0.066869
	-0.022986	-0.037230	-0.016121	-0.064155	-0.074492	0.001515
	0.005898	0.028806	0.021420	0.040579	0.020551	0.007835
	0.011753					
y130	-0.024709	-0.031101	0.009777	-0.013628	-0.039318	0.006614
	0.011516	-0.039665	0.048249	0.019444	0.012312	-0.003408
	-0.008625	-0.068154	0.072413	-0.002500	0.047290	-0.008285
	-0.029905	-0.005897	0.009037	0.050680	0.074778	0.007332
	-0.002564	-0.010282	-0.087985	0.095910	-0.026691	0.045017
	-0.005009					

z130	0.083904	0.007406	-0.069535	-0.020733	0.054831	-0.026554
	-0.098802	0.036777	-0.044517	0.029893	-0.017937	0.013125
	-0.040277	0.024495	-0.062847	-0.023762	0.044592	0.048150
	0.029352	-0.088630	-0.071338	0.015624	-0.018978	-0.013370
	-0.073128	-0.061427	-0.019337	-0.007886	-0.003733	0.037437
	0.024020					
x131	-0.007477	0.064519	-0.044754	0.031903	-0.059290	0.027460
	-0.005309	0.005957	-0.042340	0.029264	-0.073376	0.044315
	0.009416	-0.013554	-0.052664	-0.022895	0.031988	0.056900
	-0.034929	-0.020863	-0.013866	-0.048121	-0.073453	-0.019506
	0.005296	0.033757	0.018120	0.034177	0.005173	-0.009461
	0.025386					
y131	-0.015437	-0.028207	-0.002903	-0.008071	-0.035357	-0.000278
	0.011242	-0.048637	0.041502	0.032841	0.025232	0.002721
	-0.012391	-0.073569	0.050690	-0.001196	0.042896	0.011824
	-0.011416	-0.014054	-0.008526	0.053799	0.075484	-0.007201
	-0.002816	0.011231	-0.080409	0.083170	-0.032662	0.063334
	0.060090					
z131	0.084553	0.009594	-0.064179	-0.023424	0.047186	-0.014445
	-0.099917	0.049072	-0.032652	0.027646	-0.016841	0.012158
	-0.038666	0.016575	-0.049188	-0.018607	0.033078	0.027381
	0.023155	-0.074851	-0.056312	0.033939	-0.011595	0.004831
	-0.073080	-0.062786	0.014094	0.015591	0.017110	0.027645
	-0.015565					
x132	-0.008856	0.062545	-0.037858	0.033318	-0.059118	0.036686
	-0.005969	0.010899	-0.040227	0.029278	-0.075111	0.049169
	0.013630	-0.011120	-0.027160	-0.018909	0.032635	0.040870
	-0.048819	-0.007023	-0.006844	-0.037535	-0.063256	-0.024464
	0.009524	0.028411	0.015248	0.024060	-0.016499	-0.013456
	0.023264					
y132	-0.009743	-0.023252	-0.008000	-0.005692	-0.037497	-0.004435
	0.008070	-0.041357	0.045000	0.037865	0.012437	0.003869
	-0.012165	-0.066523	0.042555	-0.003521	0.049624	0.002347
	-0.005307	-0.027331	-0.014747	0.044493	0.075774	0.000229
	-0.004587	0.004533	-0.059353	0.054910	-0.026833	0.094665
	0.048678					
z132	0.086711	0.011463	-0.064421	-0.023887	0.044340	-0.000875
	-0.098538	0.049434	-0.023480	0.034688	0.002175	0.014936
	-0.037217	-0.005039	-0.051236	-0.012552	0.018360	0.031620
	0.025427	-0.059072	-0.046429	0.054782	0.001815	0.008262
	-0.056247	-0.047399	0.030277	0.037189	0.013096	0.013706
	0.010328					

x133	-0.009972	0.061512	-0.031403	0.035947	-0.055227	0.040315
	-0.003503	0.011113	-0.044564	0.023702	-0.072041	0.049856
	0.017071	-0.007411	-0.009028	-0.011472	0.029122	0.028553
	-0.058460	0.003745	-0.010515	-0.031354	-0.063409	-0.029317
	0.003960	0.018035	0.009485	0.015215	-0.021398	-0.039725
	0.010705					
y133	-0.006061	-0.019164	-0.013295	-0.001108	-0.035500	-0.011145
	0.005335	-0.037017	0.040376	0.029055	0.007010	0.001005
	-0.009695	-0.055457	0.030232	-0.002912	0.054293	-0.005760
	0.003226	-0.045343	-0.032342	0.039832	0.057139	0.005551
	-0.014996	-0.006738	-0.042959	0.026969	-0.000588	0.076755
	0.018814					
z133	0.088480	0.013297	-0.063902	-0.023996	0.042115	0.012191
	-0.096375	0.050118	-0.014053	0.040747	0.016434	0.017762
	-0.035672	-0.023215	-0.053794	-0.009920	0.008637	0.033150
	0.028408	-0.045818	-0.034280	0.071070	0.017630	0.011020
	-0.037767	-0.032089	0.039726	0.050011	0.007989	0.005296
	0.028305					
x134	-0.009210	0.059694	-0.024533	0.036152	-0.052703	0.046597
	0.000797	0.009934	-0.046248	0.023396	-0.070130	0.050550
	0.021820	-0.008318	0.008455	-0.000591	0.026287	0.026721
	-0.063086	0.017272	-0.005983	-0.029745	-0.063668	-0.032003
	0.002313	0.011788	0.005487	0.012362	-0.026457	-0.046744
	0.002085					
y134	0.000975	-0.019990	-0.019415	0.006132	-0.036381	-0.010243
	0.000945	-0.035903	0.038106	0.031687	0.007357	-0.000398
	-0.008560	-0.051324	0.021708	-0.000427	0.050655	0.003135
	0.008778	-0.060208	-0.036335	0.035082	0.046870	-0.001923
	-0.017155	0.002531	-0.030963	0.000040	0.008008	0.084306
	0.039836					
z134	0.088584	0.015028	-0.061005	-0.022350	0.039138	0.020717
	-0.094178	0.054448	-0.008384	0.040359	0.021848	0.018550
	-0.036472	-0.028639	-0.051656	-0.010345	0.000981	0.020138
	0.030374	-0.035859	-0.021861	0.076842	0.027558	0.015083
	-0.029564	-0.022510	0.046205	0.049927	0.010591	-0.002913
	0.021177					
x135	-0.006899	0.056127	-0.019816	0.036069	-0.046043	0.050231
	0.005162	0.009725	-0.048231	0.028724	-0.065283	0.052338
	0.018248	0.002502	0.020740	0.004906	0.021397	0.013470
	-0.055966	0.019449	-0.012102	-0.019597	-0.050887	-0.029480
	0.007588	0.004254	0.002533	0.017850	-0.037904	-0.052215
	-0.012026					

y135	0.007245	-0.022079	-0.024227	0.009404	-0.034315	-0.010718
	-0.005129	-0.033720	0.040263	0.038439	0.008703	-0.000752
	-0.012188	-0.047521	0.010446	-0.003340	0.048300	0.021280
	0.015687	-0.082311	-0.040500	0.030665	0.044767	-0.010773
	0.002576	0.008875	-0.001905	-0.013614	-0.001983	0.078682
	0.051326					
z135	0.086620	0.018141	-0.055790	-0.019862	0.035131	0.027823
	-0.088328	0.057050	-0.005102	0.033868	0.023546	0.016792
	-0.035738	-0.035810	-0.049961	-0.008954	-0.000550	0.009829
	0.032604	-0.018362	-0.006230	0.067776	0.025774	0.018541
	-0.023377	-0.019336	0.050749	0.043368	0.018283	-0.017004
	0.009012					
x136	-0.004742	0.052983	-0.013615	0.035328	-0.038435	0.052436
	0.013691	0.005602	-0.050596	0.033622	-0.061989	0.051711
	0.013680	0.005300	0.031653	0.007914	0.014315	-0.001407
	-0.051248	0.033533	-0.020645	-0.011893	-0.050738	-0.025031
	-0.001930	-0.007768	-0.000650	0.023376	-0.040604	-0.057508
	-0.021908					
y136	0.010310	-0.023123	-0.028883	0.013059	-0.029863	-0.009282
	-0.009628	-0.034659	0.041473	0.039034	0.012115	0.000705
	-0.009531	-0.047788	0.006480	-0.009176	0.046466	0.023092
	0.023540	-0.079141	-0.035315	0.038253	0.032484	-0.014078
	0.000709	0.008435	0.014634	-0.007427	0.007966	0.070139
	0.037198					
z136	0.084097	0.020036	-0.051448	-0.017667	0.033356	0.032902
	-0.082319	0.058610	-0.003892	0.026595	0.026315	0.015797
	-0.032988	-0.038102	-0.051032	-0.007526	0.002499	0.001219
	0.037264	-0.009079	0.011071	0.056886	0.031313	0.014315
	-0.010633	-0.013406	0.045251	0.027780	0.014523	-0.025757
	-0.000742					
x137	-0.001377	0.052685	-0.006754	0.033502	-0.032417	0.051509
	0.020186	0.002517	-0.052793	0.036464	-0.061394	0.051560
	0.011462	0.008149	0.033604	0.015330	0.012299	-0.007489
	-0.042488	0.043796	-0.021394	-0.013499	-0.046278	-0.018939
	-0.017113	-0.019663	-0.003042	0.020050	-0.044559	-0.063707
	-0.035461					
y137	0.015047	-0.021888	-0.031541	0.016669	-0.029534	-0.010800
	-0.017666	-0.031472	0.043733	0.036519	0.014606	0.002137
	-0.008934	-0.041307	-0.004237	-0.015888	0.049856	0.036415
	0.028836	-0.083542	-0.018837	0.031469	0.020455	-0.027686
	-0.001091	0.020019	0.033890	-0.031613	0.018686	0.048279
	0.028114					

z137	0.080911	0.020714	-0.046977	-0.013269	0.032986	0.037747
	-0.074357	0.057841	-0.005616	0.019813	0.027454	0.013798
	-0.031471	-0.038301	-0.052128	-0.009070	0.003815	-0.008467
	0.042677	-0.001176	0.023020	0.044595	0.033807	0.010356
	0.007760	-0.007601	0.034591	0.009508	0.010215	-0.028562
	-0.007082					
x138	0.002388	0.051901	-0.001396	0.031587	-0.024085	0.049421
	0.029527	-0.004079	-0.054974	0.041745	-0.061213	0.049621
	0.007143	0.009896	0.031044	0.020405	0.007549	-0.019524
	-0.034612	0.056500	-0.029523	-0.018018	-0.037934	-0.003303
	-0.028210	-0.036717	-0.003760	0.017617	-0.051112	-0.070349
	-0.048292					
y138	0.018705	-0.024025	-0.035987	0.024657	-0.029320	-0.010544
	-0.024937	-0.033229	0.043095	0.032806	0.014332	0.000524
	-0.005677	-0.042611	-0.012226	-0.019998	0.044813	0.043712
	0.019290	-0.075665	-0.005758	0.016068	0.018673	-0.032367
	-0.008200	0.030263	0.047009	-0.053885	0.017293	0.021232
	0.019393					
z138	0.077092	0.021494	-0.040590	-0.008841	0.032312	0.041348
	-0.065506	0.058996	-0.007025	0.010002	0.027245	0.011777
	-0.031079	-0.034826	-0.051109	-0.011634	0.012471	-0.016752
	0.053477	0.002278	0.038492	0.023452	0.030138	-0.001186
	0.024188	-0.005652	0.018303	-0.017030	0.009381	-0.024535
	-0.016753					
x139	0.005547	0.050182	0.007558	0.036935	-0.020394	0.049792
	0.029141	-0.007729	-0.038604	0.034509	-0.052293	0.054483
	0.004820	0.010351	0.038959	0.015684	0.005923	-0.017272
	-0.024267	0.042719	-0.035372	-0.012258	-0.020295	0.013111
	-0.039058	-0.035909	-0.001341	0.012278	-0.039215	-0.041800
	-0.045847					
y139	0.027973	-0.024231	-0.047761	0.028943	-0.029804	-0.013341
	-0.027930	-0.028177	0.037204	0.033682	0.013623	0.007664
	-0.005272	-0.037718	-0.022053	-0.025799	0.028282	0.045410
	0.018162	-0.068906	-0.015074	0.015281	0.010760	-0.041754
	-0.018481	0.032108	0.050814	-0.051914	0.009863	0.000177
	0.023882					
z139	0.077055	0.026262	-0.040868	-0.012695	0.024016	0.036844
	-0.047220	0.058550	0.000464	-0.000237	0.027862	0.011889
	-0.020529	-0.026320	-0.059105	-0.023585	0.000053	-0.025836
	0.031619	0.006929	0.032714	0.029370	0.013703	0.004303
	0.035327	-0.007303	0.013068	-0.019163	0.002425	-0.002030
	-0.025397					

x140	0.008819	0.049671	0.014201	0.041490	-0.015857	0.049741
	0.028633	-0.012095	-0.026167	0.028503	-0.045010	0.057957
	0.001729	0.007997	0.042199	0.009158	0.003642	-0.018371
	-0.022652	0.024893	-0.037334	-0.013860	-0.006457	0.021781
	-0.046947	-0.040471	0.004707	0.008462	-0.040748	-0.014986
	-0.053306					
y140	0.035842	-0.021491	-0.060895	0.031017	-0.026494	-0.012979
	-0.026840	-0.024115	0.032045	0.028879	0.013444	0.012348
	-0.003954	-0.032686	-0.033241	-0.036668	0.022122	0.042606
	0.008135	-0.062952	-0.017346	0.007005	0.000160	-0.040906
	-0.013171	0.025787	0.050891	-0.044797	-0.004788	-0.001583
	0.009283					
z140	0.076100	0.028837	-0.037734	-0.017607	0.013902	0.032762
	-0.030753	0.058005	0.009607	-0.008276	0.025582	0.014070
	-0.011167	-0.019911	-0.060017	-0.026525	-0.011834	-0.031191
	0.023889	0.013962	0.025606	0.037984	0.003287	0.003381
	0.044392	0.001572	0.008418	-0.025480	0.007794	0.008014
	-0.028337					
x141	0.011550	0.048720	0.019051	0.046211	-0.010179	0.048596
	0.028232	-0.017351	-0.011599	0.025622	-0.033800	0.058779
	-0.000241	0.001945	0.045226	0.009877	0.002598	-0.006758
	-0.015932	0.010563	-0.038471	-0.010377	0.007209	0.021163
	-0.049291	-0.034462	0.001265	0.009160	-0.032998	-0.003787
	-0.034786					
y141	0.043697	-0.018630	-0.072826	0.031785	-0.022169	-0.013801
	-0.025777	-0.022847	0.035896	0.027832	0.019606	0.016624
	0.000732	-0.036912	-0.043604	-0.037882	0.016526	0.053300
	0.008742	-0.053191	-0.023405	0.000511	-0.003093	-0.052442
	0.000901	0.037030	0.054117	-0.030901	0.000438	-0.019758
	0.016167					
z141	0.074365	0.029198	-0.033077	-0.023786	0.003908	0.032080
	-0.016635	0.062697	0.014774	-0.017888	0.015478	0.015842
	-0.007821	-0.005955	-0.056544	-0.036416	-0.019890	-0.048467
	0.009923	0.017016	0.027694	0.048304	-0.010824	0.018561
	0.044844	-0.002382	0.004778	-0.033393	-0.000444	0.034438
	-0.055183					
x142	0.014032	0.046762	0.023884	0.048095	-0.005838	0.049341
	0.027192	-0.019922	0.000171	0.022947	-0.025573	0.063239
	-0.001742	0.000683	0.046765	0.010333	0.000159	-0.000683
	-0.012795	-0.003405	-0.044042	-0.009562	0.021918	0.022096
	-0.045015	-0.026579	-0.000608	0.010457	-0.029937	0.010801
	-0.028936					

y142	0.050414	-0.017150	-0.083959	0.036006	-0.017475	-0.010781
	-0.023157	-0.016677	0.035451	0.021580	0.021643	0.022122
	0.003070	-0.040300	-0.047343	-0.035963	0.009762	0.055606
	0.004026	-0.043784	-0.022116	-0.006724	-0.002613	-0.051925
	-0.000663	0.053035	0.033764	-0.017880	-0.005014	-0.015962
	0.010093					
z142	0.071503	0.031496	-0.028024	-0.029744	-0.004942	0.025470
	-0.002424	0.058597	0.017692	-0.028040	0.012238	0.012666
	-0.004697	0.006815	-0.057784	-0.040065	-0.022942	-0.056896
	0.003426	0.020166	0.016974	0.049333	-0.022179	0.022771
	0.043180	-0.020852	0.009774	-0.044060	-0.001745	0.027547
	-0.057446					
x143	0.015652	0.045880	0.026523	0.048208	-0.001991	0.050237
	0.026352	-0.021825	0.010822	0.022179	-0.022266	0.060130
	-0.005004	0.003257	0.049134	0.005804	-0.004853	0.000945
	-0.013554	-0.021034	-0.034237	-0.007847	0.027715	0.016584
	-0.045009	-0.031891	0.003842	0.004218	-0.028519	0.016805
	-0.039978					
y143	0.055751	-0.014822	-0.093548	0.036682	-0.014453	-0.007607
	-0.016732	-0.010377	0.037422	0.010298	0.021077	0.020238
	0.002715	-0.035340	-0.045555	-0.040608	0.005922	0.048782
	0.002910	-0.030803	-0.021370	-0.021681	-0.008150	-0.046504
	0.005199	0.052437	0.032411	-0.019326	0.003916	-0.023719
	-0.008475					
z143	0.067391	0.031194	-0.021891	-0.032216	-0.010583	0.017750
	0.010582	0.051548	0.014183	-0.042001	0.016830	0.014750
	-0.000468	0.014498	-0.060555	-0.033114	-0.023989	-0.050443
	0.005469	0.027619	-0.006218	0.056392	-0.019143	0.023859
	0.037656	-0.022560	-0.008275	-0.045346	-0.006027	0.019146
	-0.022746					
x144	0.016993	0.044810	0.028245	0.046287	0.003113	0.049289
	0.025187	-0.024624	0.018935	0.023426	-0.017874	0.059324
	-0.006871	0.006693	0.048335	0.003698	-0.009922	0.005282
	-0.013705	-0.037726	-0.032955	-0.008032	0.036728	0.006925
	-0.041440	-0.035747	-0.000152	0.005839	-0.025773	0.018869
	-0.040972					
y144	0.059203	-0.013421	-0.101816	0.036631	-0.010253	-0.003017
	-0.009121	-0.003399	0.041000	-0.000416	0.019454	0.022439
	0.006020	-0.034650	-0.043946	-0.036297	0.004908	0.043657
	0.005833	-0.019495	-0.020939	-0.020326	-0.013084	-0.045074
	-0.001677	0.049778	0.013829	-0.009102	-0.003050	-0.014711
	-0.005378					

z144	0.063368	0.029862	-0.013289	-0.034700	-0.017988	0.014209
	0.019658	0.047993	0.016721	-0.052599	0.016853	0.014997
	-0.001147	0.015774	-0.057434	-0.029730	-0.021336	-0.046771
	0.007296	0.035300	-0.016172	0.048509	-0.018722	0.037476
	0.047617	-0.011843	-0.004290	-0.051656	-0.006782	-0.000658
	-0.008807					
x145	0.017112	0.043716	0.029100	0.043196	0.008626	0.048362
	0.022178	-0.029535	0.023331	0.025224	-0.015128	0.057532
	-0.009971	0.007979	0.043253	-0.004855	-0.018349	0.009878
	-0.012965	-0.046004	-0.028762	-0.004454	0.038510	-0.004365
	-0.042687	-0.036754	0.001848	-0.002114	-0.028205	0.007792
	-0.025635					
y145	0.061783	-0.012527	-0.108700	0.035091	-0.007986	0.001889
	-0.003784	-0.001310	0.047474	-0.011914	0.017824	0.024165
	0.008380	-0.035397	-0.045751	-0.033780	0.002984	0.030885
	0.008602	-0.005759	-0.032803	-0.031698	-0.020266	-0.036740
	0.002585	0.054330	0.017087	-0.008505	-0.012294	-0.024878
	0.014334					
z145	0.060591	0.026447	-0.003453	-0.040385	-0.024946	0.016256
	0.027727	0.050762	0.026542	-0.053558	0.010167	0.017863
	-0.004101	0.020303	-0.046420	-0.017562	-0.011083	-0.042116
	0.006841	0.032946	-0.010924	0.050538	-0.010365	0.059186
	0.057563	-0.010284	-0.010824	-0.035578	-0.013778	0.011570
	-0.025584					
x146	0.017603	0.037305	0.030726	0.037583	0.011191	0.049726
	0.022171	-0.030847	0.029205	0.024467	-0.009738	0.059140
	-0.008862	0.018921	0.043487	0.003353	-0.019742	0.020483
	-0.000207	-0.049386	-0.041999	-0.002857	0.048734	-0.011626
	-0.023428	-0.023307	-0.001967	0.001793	-0.019010	0.001559
	-0.009881					
y146	0.065897	-0.011482	-0.114265	0.035345	-0.004594	0.008354
	0.004483	0.012718	0.056952	-0.030413	0.014526	0.026992
	0.003139	-0.036089	-0.034177	-0.021281	0.019509	0.025963
	0.017529	0.014824	-0.027324	-0.025887	-0.024698	-0.022915
	0.014705	0.053576	-0.010838	-0.000782	-0.023777	-0.022467
	0.034326					
z146	0.053193	0.028483	0.004299	-0.044005	-0.027467	0.006456
	0.036478	0.038304	0.020628	-0.058189	0.011005	0.009427
	-0.003270	0.018784	-0.049207	-0.008940	-0.014343	-0.038762
	-0.000938	0.018505	-0.016360	0.025531	-0.009779	0.056033
	0.042464	-0.021323	-0.007612	-0.040582	-0.020243	-0.017236
	-0.026338					

x147	0.018849	0.035374	0.029518	0.034115	0.016482	0.045062
	0.020238	-0.030054	0.031998	0.029079	-0.009178	0.056964
	-0.013738	0.021463	0.039627	0.005524	-0.023467	0.027592
	0.002975	-0.054836	-0.036125	-0.000731	0.056537	-0.016888
	-0.015013	-0.021237	-0.010343	0.006515	-0.020360	-0.018184
	-0.007970					
y147	0.068046	-0.010197	-0.119866	0.035730	0.000986	0.013266
	0.015530	0.025380	0.060928	-0.052183	0.011259	0.026658
	-0.005903	-0.040521	-0.022500	-0.009218	0.031485	0.023003
	0.032972	0.038224	-0.014691	-0.024981	-0.021428	-0.004224
	0.013284	0.047795	-0.045551	0.005022	-0.032187	-0.020547
	0.048293					
z147	0.046882	0.025066	0.017683	-0.052694	-0.031233	0.009730
	0.042033	0.029765	0.025522	-0.061229	0.007202	0.008387
	-0.002546	0.026528	-0.038649	0.000630	-0.002832	-0.031120
	-0.005378	0.005552	-0.018731	0.016322	-0.016038	0.052101
	0.043301	-0.014661	-0.002895	-0.042565	-0.021643	-0.019031
	-0.016230					
x148	0.017967	0.035677	0.028505	0.033652	0.018306	0.039357
	0.018528	-0.021811	0.041525	0.030401	-0.007194	0.056257
	-0.011623	0.023440	0.034502	-0.004864	-0.020739	0.030535
	0.010485	-0.048155	-0.047228	0.005803	0.055342	-0.018927
	-0.024599	-0.022616	-0.018247	0.006706	-0.012400	-0.014956
	-0.001199					
y148	0.070616	-0.008497	-0.116956	0.038558	0.000138	0.017897
	0.014549	0.022101	0.056667	-0.045569	0.011323	0.032815
	-0.005452	-0.038697	-0.027373	-0.005940	0.036016	0.003611
	0.011691	0.026864	0.017306	-0.021224	-0.026443	0.005774
	0.007955	0.042623	-0.029861	0.016997	-0.030571	-0.013687
	0.028660					
z148	0.039256	0.024950	0.031607	-0.053914	-0.036247	0.003176
	0.046346	0.018459	0.017439	-0.050286	0.013864	0.005200
	-0.007542	0.035042	-0.043472	0.001685	-0.006361	-0.010376
	-0.012777	-0.004431	-0.022552	0.012800	-0.006079	0.052220
	0.029428	0.002109	0.005267	-0.035311	-0.019590	-0.019642
	-0.009739					
x149	0.017515	0.035646	0.028100	0.032418	0.019633	0.032726
	0.016820	-0.015885	0.052075	0.032601	-0.001871	0.055107
	-0.006198	0.029743	0.028109	-0.012539	-0.019811	0.032538
	0.016870	-0.032755	-0.053302	0.001771	0.060976	-0.005575
	-0.033808	-0.017112	-0.014511	0.005364	-0.000208	-0.013086
	0.009508					

y149	0.072060	-0.006950	-0.112122	0.040599	-0.000848	0.018485
	0.015495	0.017178	0.050506	-0.042374	0.014304	0.035268
	-0.004637	-0.031717	-0.034219	-0.003243	0.036704	-0.010275
	-0.006625	0.018570	0.037035	-0.027413	-0.021082	0.018466
	0.000593	0.035090	-0.014062	0.026125	-0.024503	-0.013945
	0.013098					
z149	0.032632	0.023132	0.043997	-0.057131	-0.042250	0.002362
	0.046023	0.010620	0.014071	-0.038247	0.011106	0.004492
	-0.014580	0.037105	-0.040413	0.001693	-0.007792	0.003715
	-0.021578	-0.017318	-0.025070	0.019706	-0.005294	0.042220
	0.025466	0.014134	0.011892	-0.017732	-0.026957	-0.007954
	-0.020546					
x150	0.018151	0.034601	0.026004	0.031689	0.020679	0.025890
	0.016892	-0.010981	0.059557	0.032031	-0.000873	0.055641
	-0.003627	0.033591	0.025951	-0.018416	-0.022109	0.035116
	0.023017	-0.021980	-0.056643	0.002641	0.064148	0.002312
	-0.036198	-0.016452	-0.014522	0.004132	-0.001044	-0.015006
	0.012474					
y150	0.073185	-0.005765	-0.107056	0.041624	-0.001327	0.019426
	0.017956	0.015514	0.045297	-0.039017	0.014849	0.035670
	-0.008498	-0.025977	-0.039297	-0.001097	0.037823	-0.016471
	-0.021859	0.008251	0.051760	-0.030928	-0.019549	0.027817
	-0.002863	0.024981	-0.005919	0.033455	-0.017573	-0.014105
	0.001289					
z150	0.024649	0.024111	0.054068	-0.057423	-0.045418	-0.000560
	0.044953	-0.001944	0.005743	-0.031169	0.019451	-0.001233
	-0.011045	0.041542	-0.039784	0.003270	-0.005432	0.012160
	-0.027451	-0.018618	-0.033472	0.020486	-0.003793	0.026955
	0.007653	0.025838	0.011104	-0.005265	-0.010421	-0.006134
	-0.008957					
x151	0.018491	0.031958	0.024820	0.031382	0.022239	0.020283
	0.015433	-0.010699	0.062489	0.033273	0.001128	0.051803
	-0.001801	0.036654	0.025752	-0.020121	-0.022975	0.037456
	0.025664	-0.016354	-0.056596	0.006977	0.061772	0.005996
	-0.039376	-0.016267	-0.015265	0.011385	0.007783	-0.016280
	0.019218					
y151	0.073506	-0.005639	-0.100324	0.041388	-0.001343	0.022696
	0.020256	0.014024	0.042301	-0.035829	0.013732	0.035808
	-0.012385	-0.020703	-0.039684	0.001051	0.038296	-0.020874
	-0.038016	-0.002129	0.061830	-0.031156	-0.019120	0.036992
	-0.008498	0.014527	-0.003100	0.045105	-0.016865	-0.011438
	-0.010009					

z151	0.018721	0.024481	0.062076	-0.064080	-0.050791	0.001499
	0.042211	-0.005438	0.011683	-0.018340	0.018543	0.001062
	-0.008568	0.044256	-0.034897	0.000752	-0.003321	0.015806
	-0.032178	-0.015215	-0.028860	0.019297	-0.000873	0.024800
	0.009117	0.043468	0.021929	0.001754	-0.015117	0.007239
	-0.021368					
x152	0.018572	0.028152	0.023859	0.028128	0.026872	0.014770
	0.013372	-0.009808	0.063047	0.033981	0.003091	0.052511
	-0.000397	0.042338	0.022864	-0.023973	-0.024080	0.035585
	0.024855	-0.005486	-0.052980	0.009866	0.062395	0.008043
	-0.033282	-0.018088	-0.017615	0.015985	0.012822	-0.019559
	0.026918					
y152	0.072477	-0.005352	-0.093180	0.039509	-0.000939	0.024546
	0.024090	0.011578	0.038780	-0.036648	0.013378	0.033862
	-0.015135	-0.018045	-0.036963	0.005162	0.038963	-0.022041
	-0.057430	-0.006910	0.061445	-0.036415	-0.016717	0.040190
	-0.012772	0.000931	-0.005005	0.056552	-0.012048	-0.017837
	-0.009130					
z152	0.012432	0.027857	0.068525	-0.063479	-0.058178	-0.000210
	0.042782	-0.012352	0.005332	-0.012479	0.022686	-0.007936
	-0.004025	0.048342	-0.032927	0.003298	-0.002995	0.028712
	-0.023742	-0.016190	-0.032482	0.013798	-0.000261	0.013155
	-0.008159	0.052622	0.025076	0.005875	-0.006287	0.009230
	-0.021152					
x153	0.019565	0.024045	0.022710	0.024624	0.029866	0.011261
	0.012260	-0.011360	0.063290	0.035450	0.002194	0.051820
	0.000825	0.045599	0.022406	-0.028328	-0.030719	0.031227
	0.024459	0.008241	-0.042549	0.007895	0.063805	0.007091
	-0.031672	-0.017286	-0.017902	0.029430	0.019323	-0.028049
	0.051490					
y153	0.070618	-0.005853	-0.084451	0.037009	0.000004	0.025697
	0.028753	0.011818	0.035370	-0.039209	0.013948	0.029132
	-0.019771	-0.011942	-0.035228	0.007221	0.038495	-0.017834
	-0.072299	-0.012508	0.052454	-0.040754	-0.010924	0.042007
	-0.019362	-0.013558	-0.014887	0.068250	-0.005956	-0.021800
	-0.004923					
z153	0.005892	0.032121	0.070374	-0.063440	-0.063487	-0.002842
	0.041070	-0.020298	-0.000221	-0.011579	0.029812	-0.016215
	0.005880	0.052762	-0.023539	0.007191	0.005706	0.032414
	-0.017884	-0.011916	-0.039483	0.019827	-0.005748	0.002710
	-0.006595	0.052108	0.029694	-0.001115	0.002853	0.009881
	-0.040123					

x154	0.019342	0.018133	0.022033	0.022511	0.032957	0.005605
	0.008599	-0.013522	0.064426	0.030513	0.003019	0.052781
	0.002044	0.045886	0.022915	-0.028060	-0.031018	0.035449
	0.015958	0.023520	-0.036798	0.015116	0.069196	0.009721
	-0.026155	-0.008920	-0.016933	0.035927	0.024364	-0.028909
	0.072185					
y154	0.068006	-0.007872	-0.074917	0.032449	0.000485	0.027930
	0.033251	0.011532	0.034881	-0.042678	0.012061	0.023159
	-0.024472	-0.005583	-0.028925	0.008628	0.039331	-0.009839
	-0.087508	-0.018112	0.039615	-0.040886	-0.003076	0.042901
	-0.021951	-0.027672	-0.030553	0.075065	-0.008761	-0.028103
	0.005882					
z154	0.001394	0.036274	0.072094	-0.065974	-0.070176	-0.000850
	0.041096	-0.026180	-0.004492	-0.001778	0.034145	-0.024012
	0.018459	0.060478	-0.016354	0.007354	0.010293	0.030827
	0.002681	-0.004024	-0.033848	0.012688	-0.011620	-0.008305
	-0.018841	0.049868	0.028169	0.000087	0.013284	0.007564
	-0.056691					
x155	0.019097	0.014101	0.018700	0.019731	0.032603	-0.000988
	0.005984	-0.014476	0.065298	0.028358	0.007215	0.047982
	0.006266	0.048627	0.023094	-0.021265	-0.025004	0.027924
	0.013947	0.039661	-0.023889	0.015535	0.064910	0.015156
	-0.021844	-0.009674	-0.021674	0.042234	0.028421	-0.031288
	0.068684					
y155	0.064611	-0.008840	-0.065484	0.028244	0.000901	0.030570
	0.039644	0.015215	0.037645	-0.044219	0.009467	0.018186
	-0.029767	0.000431	-0.019155	0.010816	0.032816	0.001605
	-0.094374	-0.018635	0.017965	-0.043110	-0.000261	0.048462
	-0.026141	-0.044828	-0.048277	0.079953	-0.007732	-0.035411
	0.019207					
z155	-0.000975	0.037934	0.073947	-0.066708	-0.073677	0.003703
	0.038786	-0.036044	-0.009408	0.008104	0.036006	-0.026306
	0.030999	0.062813	-0.004838	0.005492	0.005383	0.037034
	0.014990	0.000387	-0.036813	0.005248	-0.006442	-0.027213
	-0.016433	0.053799	0.039779	0.001292	0.025177	0.007693
	-0.047033					
x156	0.018907	0.012299	0.015958	0.019922	0.035331	-0.012242
	-0.000499	-0.017565	0.067707	0.020289	0.010012	0.042286
	0.009545	0.048025	0.020889	-0.015552	-0.019363	0.028602
	0.000455	0.056964	-0.016655	0.008988	0.062289	0.004503
	-0.030336	-0.010440	-0.028130	0.055330	0.020112	-0.054530
	0.084300					

y156	0.057974	-0.028658	-0.054555	0.012181	-0.006845	0.061375
	0.067215	0.013606	0.020750	-0.056891	0.017369	0.016584
	-0.030157	0.019302	0.021399	0.023995	0.002427	0.048005
	-0.032820	0.010758	-0.045015	-0.029486	-0.010143	0.068436
	0.007218	-0.021834	-0.043384	0.083108	0.058549	0.013700
	0.067711					
z156	-0.001202	0.048124	0.073538	-0.066142	-0.074182	-0.003452
	0.024961	-0.038810	-0.003996	0.026849	0.029291	-0.028963
	0.045363	0.061771	-0.008914	-0.000403	0.018563	0.005026
	-0.009930	-0.010000	-0.004174	-0.000977	0.006344	-0.027622
	-0.015444	0.033112	0.037454	0.005146	0.010103	-0.002475
	-0.082976					
x157	0.016232	0.006436	0.014205	0.012956	0.032468	-0.015427
	-0.011604	-0.020463	0.070142	0.015815	0.000492	0.030679
	0.006443	0.045608	0.020118	-0.018204	-0.013478	0.025939
	-0.016479	0.057697	-0.013597	0.008045	0.049549	-0.001018
	-0.024847	-0.011186	-0.014829	0.059032	0.018432	-0.038766
	0.050084					
y157	0.056156	-0.023414	-0.044430	0.009706	-0.007446	0.059001
	0.055247	0.009245	0.027771	-0.056686	0.015037	0.012004
	-0.009624	0.010865	0.031581	-0.002928	0.012543	0.036753
	-0.015175	0.031682	-0.026989	-0.022534	-0.011112	0.064154
	-0.004463	-0.000594	-0.037115	0.064745	0.035117	0.003244
	0.019256					
z157	-0.007090	0.057818	0.070311	-0.064090	-0.073097	-0.011360
	0.021250	-0.048528	-0.009841	0.035432	0.030242	-0.029002
	0.044172	0.055539	-0.020946	0.005353	0.018217	-0.014488
	-0.011912	-0.009112	-0.002402	-0.012348	0.012101	-0.048543
	-0.010191	-0.002561	0.043338	0.031273	0.000546	-0.037005
	-0.043383					
x158	0.013475	0.002890	0.010613	0.007773	0.032967	-0.024212
	-0.021367	-0.022350	0.069414	0.010289	-0.003172	0.023663
	0.007799	0.042865	0.015719	-0.016720	-0.008806	0.021217
	-0.029464	0.062900	-0.003340	-0.000337	0.030461	0.004564
	-0.027966	-0.015860	0.001325	0.046311	0.009306	-0.049926
	0.024849					
y158	0.054240	-0.018892	-0.035672	0.007469	-0.012168	0.060130
	0.045099	0.008212	0.036646	-0.048931	0.009838	0.005866
	0.005739	0.003172	0.038498	-0.026565	0.017052	0.028928
	0.004326	0.045719	-0.010613	-0.009952	-0.012691	0.065797
	-0.008653	0.020736	-0.027741	0.055939	0.015903	0.011492
	-0.030488					

z158	-0.010976	0.060294	0.067963	-0.061766	-0.075991	-0.008628
	0.017917	-0.052751	-0.013249	0.043127	0.023388	-0.032710
	0.039391	0.048582	-0.028551	0.012082	0.010201	-0.023682
	-0.016639	-0.015285	-0.011578	-0.014319	0.024238	-0.062267
	0.002051	-0.022147	0.051366	0.054879	0.004124	-0.036272
	-0.015321					
x159	0.013522	-0.000036	0.009656	-0.000157	0.029653	-0.024375
	-0.025751	-0.018122	0.066632	0.010844	-0.009334	0.025183
	0.009534	0.035072	0.018440	-0.022708	-0.005535	0.013607
	-0.046097	0.056358	0.009148	-0.002393	0.011689	0.017309
	-0.032994	-0.021532	0.018458	0.054006	0.011661	-0.035942
	0.005223					
y159	0.050853	-0.013622	-0.027685	0.006977	-0.015354	0.055994
	0.036706	0.002646	0.036783	-0.046095	0.005729	-0.004151
	0.018223	0.003184	0.034341	-0.042598	0.020029	0.020965
	0.026332	0.060269	-0.005513	-0.005548	-0.010793	0.054091
	-0.010097	0.028024	-0.022585	0.045834	0.005514	-0.000289
	-0.063872					
z159	-0.015373	0.062591	0.061505	-0.052987	-0.074151	-0.013532
	0.013230	-0.061794	-0.016574	0.041138	0.019139	-0.045305
	0.035976	0.047021	-0.042106	0.021132	0.006551	-0.028243
	-0.007907	-0.016484	-0.020476	-0.022109	0.035238	-0.079215
	0.005200	-0.046130	0.055870	0.053159	-0.003497	-0.057568
	0.006798					
x160	0.014985	-0.004297	0.008092	-0.006415	0.029154	-0.027851
	-0.027858	-0.010691	0.062928	0.008067	-0.006380	0.030428
	0.014757	0.038814	0.014432	-0.017850	0.000447	0.015262
	-0.059206	0.050668	0.015326	0.008670	0.015872	0.013205
	-0.025671	-0.022677	0.010497	0.059867	0.006786	-0.032744
	0.003298					
y160	0.046871	-0.009875	-0.018973	0.005201	-0.020713	0.053497
	0.029807	-0.002979	0.034145	-0.038123	-0.001245	-0.014757
	0.024366	-0.001275	0.028015	-0.055380	0.019895	0.011652
	0.038985	0.063654	0.001229	-0.006772	-0.013737	0.055475
	-0.013486	0.037060	-0.011156	0.037734	-0.003697	0.003990
	-0.082258					
z160	-0.016701	0.062282	0.055642	-0.039568	-0.071860	-0.013212
	0.009902	-0.063033	-0.016607	0.040316	0.011941	-0.053836
	0.031572	0.041857	-0.045959	0.030226	0.004402	-0.031288
	-0.002951	-0.020180	-0.019448	-0.025784	0.036164	-0.072503
	-0.000811	-0.058311	0.059963	0.049509	-0.012783	-0.053079
	0.019637					

x161	0.015100	-0.010039	0.009294	-0.014521	0.026281	-0.029372
	-0.031903	-0.001480	0.055689	0.009998	-0.009173	0.029100
	0.016889	0.040134	0.006517	-0.013466	0.001717	0.012702
	-0.075317	0.045106	0.028538	0.014301	0.009849	0.015139
	-0.020329	-0.031378	0.008463	0.054862	0.023633	-0.024693
	0.002590					
y161	0.041647	-0.004614	-0.011783	0.003058	-0.025781	0.048702
	0.028356	-0.009171	0.026429	-0.034226	-0.004538	-0.021334
	0.028024	-0.000998	0.018100	-0.064411	0.019132	0.004865
	0.052232	0.064538	0.003675	-0.005698	-0.012588	0.043695
	-0.011406	0.035896	-0.006438	0.032409	-0.024481	0.005861
	-0.098165					
z161	-0.016412	0.061336	0.047838	-0.024068	-0.064797	-0.011995
	0.008745	-0.060499	-0.015664	0.037114	0.009513	-0.056722
	0.028686	0.035208	-0.050154	0.037147	0.005217	-0.030142
	0.005839	-0.018141	-0.013635	-0.013839	0.038141	-0.063742
	-0.004138	-0.072990	0.053880	0.043511	-0.016756	-0.040804
	0.037323					
x162	0.015324	-0.013614	0.007837	-0.027949	0.021202	-0.030474
	-0.026934	0.009682	0.035466	0.016000	-0.013472	0.022145
	0.016978	0.038425	0.003151	0.001349	-0.003029	0.001430
	-0.089905	0.017209	0.047338	0.008098	0.000081	-0.009882
	0.000937	-0.050892	-0.015037	0.065686	0.051969	-0.022539
	0.002883					
y162	0.036420	-0.000784	-0.004999	0.000047	-0.028578	0.046550
	0.026905	-0.014982	0.020368	-0.025811	-0.010543	-0.025974
	0.026214	0.002219	0.001069	-0.069716	0.014151	-0.000074
	0.059173	0.056294	0.002758	-0.004747	-0.014910	0.043376
	-0.006020	0.032255	0.007837	0.028447	-0.053509	0.020710
	-0.118318					
z162	-0.013196	0.057922	0.038078	-0.005899	-0.053217	-0.006402
	0.008635	-0.055824	-0.011243	0.036564	0.005036	-0.060484
	0.023424	0.029913	-0.052427	0.047233	0.005342	-0.026794
	0.014822	-0.028030	-0.002498	0.001754	0.031401	-0.044876
	-0.004893	-0.086128	0.046662	0.040164	-0.025375	-0.014020
	0.031410					
x163	0.014483	-0.015433	0.004779	-0.043581	0.018894	-0.026603
	-0.025579	0.021720	0.023627	0.021251	-0.032042	0.011066
	0.025544	0.039000	0.006451	0.003752	0.000135	0.006878
	-0.092380	0.001255	0.063790	0.006797	0.003587	-0.008943
	0.008715	-0.048912	-0.005737	0.054705	0.046670	-0.012776
	0.011598					

y163	0.030311	0.001485	0.001393	0.003028	-0.035910	0.035728
	0.028791	-0.022527	0.003848	-0.021583	-0.010881	-0.031590
	0.017438	0.009103	-0.021257	-0.071449	0.004832	-0.002477
	0.066078	0.045513	-0.004270	-0.003605	-0.014272	0.031425
	-0.014644	0.016854	0.007306	0.020020	-0.063129	0.014920
	-0.105547					
z163	-0.007357	0.053426	0.030279	0.015064	-0.039873	-0.000613
	0.011983	-0.041052	-0.013951	0.033056	0.005333	-0.051864
	0.020075	0.020163	-0.056864	0.054760	0.002295	-0.026990
	0.015227	-0.028493	0.003788	0.021049	0.032945	-0.024555
	-0.014435	-0.096928	0.026913	0.035677	-0.026362	0.004734
	0.052768					
x164	0.012476	-0.018566	0.004716	-0.048618	0.006998	-0.029753
	-0.030264	0.030186	0.017731	0.012285	-0.031209	-0.000110
	0.029563	0.041784	-0.002763	0.007726	0.004660	0.018281
	-0.085422	0.008998	0.071744	0.014622	0.018307	-0.002722
	-0.012681	-0.043707	-0.005505	0.000542	0.053030	-0.003318
	0.033495					
y164	0.023290	0.001708	0.006876	-0.002095	-0.039516	0.033087
	0.034373	-0.024835	-0.010522	-0.001832	-0.022705	-0.031294
	0.009764	0.015918	-0.047245	-0.074466	-0.004104	-0.003563
	0.062609	0.023077	0.005478	0.000248	-0.024999	0.019157
	0.011088	-0.007418	0.013765	0.034554	-0.082781	0.026253
	-0.109363					
z164	-0.000197	0.045478	0.023946	0.037629	-0.024293	0.009866
	0.014710	-0.016367	-0.007390	0.030309	0.005126	-0.031348
	0.022880	0.006664	-0.063837	0.055629	0.003671	-0.020936
	0.009635	-0.018387	0.016798	0.054672	0.038823	0.012441
	-0.019764	-0.098814	0.006622	0.027707	-0.028524	0.040171
	0.070595					
x165	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					
y165	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					

z165	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x166	0.060579	0.009167	0.036617	0.039836	-0.012609	-0.032999
	-0.022339	0.014210	-0.021705	0.052824	-0.049249	-0.026108
	0.016412	-0.038868	0.016000	0.000641	0.001151	-0.072200
	0.042489	-0.075528	-0.024875	0.029894	0.045021	-0.027362
	0.047623	0.081062	0.003168	-0.015241	0.068320	-0.011226
	-0.013634					
y166	-0.004727	-0.027620	0.020626	0.019897	-0.035373	0.045417
	-0.016133	0.033369	-0.029569	-0.065694	0.001302	-0.015645
	0.019509	0.026022	-0.014665	0.000140	-0.019061	0.055202
	0.016594	0.005656	-0.001894	-0.072894	-0.059288	-0.046993
	0.090319	-0.019619	0.029949	-0.006863	0.061311	0.073888
	-0.026654					
z166	0.005688	0.007902	0.005774	-0.004356	-0.048198	0.013796
	-0.046240	-0.034068	0.021896	0.027143	-0.024396	0.031342
	0.029518	-0.001853	0.001453	0.017526	0.024356	0.029044
	0.003269	0.032050	0.045134	-0.009986	-0.018684	0.001931
	-0.016110	0.003549	-0.034558	-0.061375	0.000509	0.049964
	0.021724					
x167	0.063615	0.006543	0.039382	0.040776	-0.016168	-0.033423
	-0.013177	0.017600	-0.013013	0.030348	-0.037432	-0.011379
	0.013729	-0.039687	0.017972	0.009090	0.003321	-0.061482
	0.047552	-0.061542	-0.020129	0.027026	0.050642	-0.039590
	0.045499	0.060392	-0.012549	-0.011004	0.093668	-0.019044
	0.000166					
y167	-0.010925	-0.030649	0.019470	0.013690	-0.034409	0.039510
	-0.017076	0.030348	-0.029584	-0.049360	0.008074	-0.026627
	0.017027	0.023039	-0.007829	-0.002098	-0.028421	0.058821
	0.015360	0.019826	-0.011824	-0.050868	-0.042487	-0.034829
	0.056803	-0.025156	0.020348	-0.004797	0.048495	0.055630
	-0.040008					
z167	0.003666	0.011190	0.011875	0.001865	-0.042778	0.025749
	-0.046063	-0.032026	0.013804	0.031048	-0.019894	0.022643
	0.022900	-0.006704	-0.004688	0.000505	0.024118	0.008931
	-0.001404	0.026012	0.031337	0.022926	-0.027081	0.011217
	-0.004422	0.005971	-0.032707	-0.019539	0.002463	0.033393
	0.027846					

x168	0.063381	0.002596	0.040348	0.042963	-0.022039	-0.031140
	-0.009739	0.016064	-0.009505	0.019315	-0.034455	0.002275
	0.011805	-0.039166	0.019991	-0.001780	-0.010555	-0.051472
	0.046756	-0.043540	-0.014334	0.025792	0.058087	-0.025339
	0.038465	0.043228	-0.018151	-0.017792	0.089112	-0.024229
	0.023340					
y168	-0.016034	-0.033219	0.019217	0.010929	-0.032294	0.031619
	-0.016194	0.028680	-0.030478	-0.034316	0.014445	-0.039461
	0.021135	0.018599	0.001231	0.001726	-0.031769	0.067559
	0.007594	0.023065	-0.022468	-0.036988	-0.027990	-0.013269
	0.038544	-0.024986	0.002228	0.011721	0.032488	0.042364
	-0.060063					
z168	0.002386	0.014157	0.017591	0.005983	-0.038543	0.034214
	-0.041315	-0.026699	0.011922	0.027542	-0.010961	0.017996
	0.017195	-0.011538	-0.009932	-0.004938	0.032236	-0.005824
	-0.000585	0.019796	0.020389	0.042608	-0.029041	0.003244
	-0.000139	0.011832	-0.029925	0.010726	0.016106	0.010769
	0.031155					
x169	0.062242	-0.001322	0.039901	0.040861	-0.028168	-0.030124
	-0.003677	0.012161	-0.005610	0.008079	-0.031409	0.009264
	0.018978	-0.049108	0.021214	-0.013040	-0.017741	-0.037008
	0.044914	-0.037095	0.004488	0.017945	0.051447	-0.000039
	0.046727	0.004692	-0.028634	-0.025174	0.075350	-0.020390
	0.026629					
y169	-0.020555	-0.034386	0.019151	0.007968	-0.028029	0.024795
	-0.015066	0.027446	-0.033806	-0.021486	0.022500	-0.050850
	0.022784	0.017159	0.006026	0.005214	-0.030413	0.071259
	0.001430	0.025363	-0.034658	-0.021771	-0.010660	-0.001939
	0.018999	-0.016080	-0.008106	0.028386	0.029284	0.029974
	-0.075798					
z169	0.001173	0.016308	0.022327	0.011484	-0.033846	0.040295
	-0.037253	-0.021151	0.009116	0.025042	-0.001917	0.014643
	0.011714	-0.010294	-0.013914	-0.007615	0.035345	-0.019282
	-0.001359	0.013962	0.009967	0.055571	-0.027118	-0.003500
	0.002161	0.018781	-0.028323	0.033748	0.028451	-0.014327
	0.036663					
x170	0.058039	-0.004145	0.037971	0.041478	-0.033164	-0.031102
	0.001014	0.011044	-0.007843	-0.001182	-0.025495	0.006820
	0.018844	-0.058048	0.024881	-0.019772	-0.020836	-0.020955
	0.033793	-0.033678	0.006183	0.011346	0.041334	0.007603
	0.043521	-0.014150	-0.027696	-0.007961	0.076582	-0.017837
	0.030983					

y170	-0.021950	-0.036458	0.020218	0.002335	-0.021501	0.021756
	-0.014672	0.025703	-0.033484	-0.009293	0.026208	-0.052793
	0.023329	0.019133	0.007159	0.006243	-0.030868	0.066476
	0.000795	0.026251	-0.033499	-0.006193	0.007014	0.015321
	0.004733	-0.006960	-0.016076	0.031897	0.020343	0.025532
	-0.084426					
z170	0.000893	0.016624	0.025082	0.014855	-0.029282	0.048170
	-0.035536	-0.013851	0.013737	0.028108	0.001624	0.013095
	0.009489	-0.008154	-0.015053	-0.011333	0.036714	-0.031127
	-0.006581	0.007551	0.011610	0.066732	-0.024066	0.004542
	0.012129	0.027062	-0.026363	0.046933	0.032971	-0.021100
	0.031965					
x171	0.054448	-0.007281	0.035136	0.037856	-0.035231	-0.026333
	0.003300	0.010142	-0.008956	-0.003548	-0.021116	0.006104
	0.013617	-0.058548	0.028626	-0.027534	-0.016953	-0.011282
	0.029318	-0.030454	0.002515	0.008893	0.042263	0.002327
	0.035243	-0.022163	-0.028885	0.015814	0.076993	-0.009674
	0.008001					
y171	-0.022810	-0.037973	0.022442	-0.003320	-0.014636	0.015963
	-0.011764	0.020608	-0.034662	-0.006129	0.029164	-0.050022
	0.026489	0.015790	0.003956	0.007191	-0.034808	0.060440
	0.002543	0.025615	-0.024405	-0.002012	0.014527	0.035866
	-0.007233	-0.008072	-0.021863	0.022254	0.011432	0.013722
	-0.066816					
z171	-0.000816	0.017739	0.025500	0.018310	-0.025734	0.051431
	-0.033266	-0.007944	0.017718	0.028555	0.006271	0.009265
	0.009584	-0.007895	-0.014615	-0.012782	0.036361	-0.038531
	-0.012936	0.002512	0.011023	0.065749	-0.023917	0.007960
	0.016845	0.031070	-0.024371	0.053527	0.035799	-0.032950
	0.029719					
x172	0.050478	-0.015366	0.032126	0.031592	-0.039514	-0.021736
	0.006091	0.006629	-0.009228	-0.007282	-0.014992	0.010431
	0.013051	-0.055991	0.031317	-0.034878	-0.018482	0.002531
	0.035992	-0.029719	0.003575	-0.000355	0.036917	-0.004980
	0.023714	-0.029876	-0.024549	0.028308	0.079840	-0.011974
	0.009272					
y172	-0.022733	-0.035676	0.024420	-0.009241	-0.004760	0.012375
	-0.010087	0.016746	-0.037927	-0.002219	0.030002	-0.048699
	0.025392	0.012068	-0.003290	0.007817	-0.032873	0.045751
	-0.003704	0.024057	-0.015048	0.001932	0.025521	0.047708
	-0.019762	-0.001115	-0.020698	0.014067	0.002627	0.008574
	-0.060747					

z172	-0.002264	0.017498	0.024592	0.020457	-0.023206	0.054430
	-0.030674	-0.003156	0.023111	0.029845	0.011397	0.007450
	0.011769	-0.006980	-0.010689	-0.012685	0.032803	-0.042309
	-0.014211	-0.000229	0.010821	0.057291	-0.022576	0.013522
	0.022241	0.033257	-0.023995	0.049838	0.041756	-0.037896
	0.030941					
x173	0.046384	-0.021879	0.029072	0.024658	-0.042263	-0.016681
	0.005697	0.002514	-0.009049	-0.008219	-0.012048	0.013844
	0.012179	-0.059650	0.025896	-0.043544	-0.021727	0.013058
	0.032762	-0.024653	0.009337	-0.007524	0.035627	-0.004832
	0.008026	-0.021394	-0.022336	0.018317	0.071121	-0.007073
	0.019262					
y173	-0.022110	-0.033261	0.026248	-0.016265	0.004204	0.009151
	-0.005806	0.012649	-0.041578	-0.003465	0.032287	-0.044266
	0.022318	0.014137	-0.007092	0.007571	-0.024274	0.026908
	-0.001476	0.009493	-0.009110	0.001095	0.032888	0.049383
	-0.032182	0.002444	-0.018613	0.024618	0.007364	0.010945
	-0.060420					
z173	-0.003270	0.017654	0.021423	0.024000	-0.020746	0.052835
	-0.029076	0.000817	0.032406	0.031645	0.018473	0.007065
	0.015991	-0.005085	-0.006349	-0.011010	0.028808	-0.041582
	-0.017263	-0.008955	0.013789	0.040641	-0.019697	0.017699
	0.025136	0.032934	-0.031361	0.044315	0.043051	-0.044145
	0.033979					
x174	0.040575	-0.029483	0.025585	0.014180	-0.044299	-0.011122
	0.006200	-0.000603	-0.010968	-0.010836	-0.008086	0.017446
	0.006044	-0.062742	0.023711	-0.051007	-0.018787	0.010806
	0.032741	-0.025055	0.004387	-0.018771	0.039759	-0.005540
	-0.006017	-0.020831	-0.019034	0.015662	0.056875	0.005600
	0.016336					
y174	-0.020275	-0.030117	0.029114	-0.023104	0.015115	0.008253
	-0.002358	0.007977	-0.044954	-0.004974	0.030527	-0.040528
	0.020535	0.016159	-0.015601	0.006330	-0.015312	0.011637
	-0.001253	-0.000064	0.008890	-0.002517	0.034440	0.049524
	-0.046577	0.012097	-0.002149	0.028705	0.014312	0.007234
	-0.054461					
z174	-0.004600	0.017120	0.017163	0.025958	-0.018804	0.049810
	-0.027990	0.004430	0.045617	0.033672	0.022767	0.006816
	0.021881	-0.003504	0.000194	-0.008572	0.023518	-0.037258
	-0.020118	-0.014900	0.022115	0.014231	-0.019529	0.023717
	0.026638	0.029472	-0.034862	0.029907	0.040203	-0.049139
	0.031148					

x175	0.034242	-0.037056	0.022316	0.000273	-0.046498	-0.006101
	0.008930	-0.000087	-0.016144	-0.017483	-0.008068	0.016646
	-0.006530	-0.059368	0.026052	-0.058330	-0.012903	-0.002962
	0.034724	-0.033711	0.009549	-0.031753	0.043799	-0.018721
	-0.023706	-0.026909	-0.001664	0.016758	0.051214	0.010619
	-0.000913					
y175	-0.017305	-0.026982	0.028704	-0.028069	0.028878	0.011412
	0.000381	-0.004209	-0.047690	-0.000180	0.035956	-0.031785
	0.021760	0.010610	-0.033843	0.005164	-0.009227	0.009606
	0.001767	-0.006918	0.019809	-0.007251	0.034097	0.052254
	-0.051981	0.035316	0.006097	0.032008	0.007510	0.010271
	-0.015655					
z175	-0.006908	0.016049	0.012647	0.026956	-0.018888	0.043641
	-0.027388	0.010637	0.061397	0.032189	0.021790	0.006046
	0.028905	0.001999	0.014212	-0.006008	0.019593	-0.035226
	-0.023498	-0.019466	0.033944	-0.021538	-0.020996	0.031647
	0.022752	0.016644	-0.036521	0.005063	0.040854	-0.052896
	0.007762					
x176	0.030902	-0.045063	0.019154	-0.004945	-0.042699	-0.005713
	0.001943	-0.004764	-0.012169	-0.019681	-0.004661	0.020427
	-0.011266	-0.051022	0.018373	-0.057775	-0.000034	-0.012701
	0.037987	-0.032766	0.012165	-0.042569	0.042335	-0.034346
	-0.032131	-0.021591	-0.023094	0.021542	0.045991	0.018082
	-0.011812					
y176	-0.015995	-0.024367	0.026396	-0.021942	0.036171	0.002711
	-0.004588	-0.017700	-0.050112	-0.005453	0.038631	-0.022172
	0.029650	0.006654	-0.041035	0.006582	0.007163	0.002609
	0.006618	0.007990	0.013524	-0.006473	0.032482	0.034070
	-0.041210	0.029459	-0.018243	0.026634	0.014683	0.005758
	-0.016357					
z176	-0.009598	0.014071	0.016209	0.023137	-0.016866	0.045239
	-0.023116	0.015983	0.059970	0.030262	0.016999	0.006722
	0.019221	0.007288	0.020627	-0.007641	0.021269	-0.031765
	-0.019849	-0.036859	0.036259	-0.036783	-0.018305	0.032999
	0.024940	0.010728	-0.025728	0.005064	0.028014	-0.041963
	0.001464					
x177	0.027363	-0.052044	0.016241	-0.008892	-0.040228	-0.006456
	-0.005440	-0.010726	-0.007037	-0.025045	0.001309	0.027607
	-0.012293	-0.044411	0.010855	-0.058411	0.009544	-0.019962
	0.033311	-0.021281	0.011133	-0.042182	0.042814	-0.045595
	-0.043976	-0.014504	-0.043196	0.017084	0.044810	0.020697
	-0.016360					

y177	-0.014353	-0.021354	0.025264	-0.016333	0.044076	-0.004546
	-0.006769	-0.028984	-0.052862	-0.008618	0.039608	-0.018388
	0.036812	0.003726	-0.046509	0.006770	0.026405	-0.003851
	0.018009	0.015056	0.011663	-0.011163	0.030800	0.021365
	-0.033109	0.025113	-0.030874	0.022197	0.018040	0.000418
	-0.013110					
z177	-0.012103	0.011215	0.019773	0.020178	-0.015645	0.045191
	-0.019253	0.019056	0.057994	0.027897	0.012244	0.006549
	0.010846	0.011356	0.026010	-0.008385	0.020596	-0.026749
	-0.014451	-0.051068	0.036483	-0.047475	-0.015575	0.032946
	0.025841	0.006864	-0.015594	0.002727	0.017608	-0.030648
	-0.007412					
x178	0.022978	-0.057666	0.012454	-0.011794	-0.037815	-0.009931
	-0.011072	-0.021994	-0.005549	-0.034534	0.009964	0.032706
	-0.010075	-0.040014	0.004873	-0.058855	0.021768	-0.027409
	0.030173	-0.003860	0.005427	-0.043126	0.041401	-0.061665
	-0.060697	-0.013147	-0.056832	0.005123	0.050173	0.012841
	-0.013653					
y178	-0.011265	-0.016950	0.025254	-0.011448	0.053025	-0.009583
	-0.006414	-0.032663	-0.054996	-0.008112	0.038409	-0.016223
	0.039982	0.002690	-0.053055	0.007723	0.038542	-0.010030
	0.026334	0.011871	0.012749	-0.011224	0.029298	0.019755
	-0.023034	0.023560	-0.041011	0.025821	0.012798	0.001104
	-0.009988					
z178	-0.014423	0.007956	0.022763	0.017846	-0.014502	0.043204
	-0.014804	0.020559	0.053374	0.025262	0.007961	0.006502
	0.003847	0.015619	0.030792	-0.008509	0.018829	-0.023454
	-0.006430	-0.063209	0.033083	-0.057092	-0.012957	0.029372
	0.025085	0.003192	-0.008632	0.000824	0.013173	-0.020568
	-0.013299					
x179	0.018527	-0.061280	0.007939	-0.015027	-0.033725	-0.013788
	-0.013649	-0.033702	-0.008263	-0.046212	0.021477	0.035004
	-0.006259	-0.033720	-0.000916	-0.059848	0.034564	-0.037773
	0.029206	0.011956	-0.003468	-0.042594	0.042410	-0.076926
	-0.074729	-0.015338	-0.070380	-0.008484	0.055474	0.003930
	-0.001601					
y179	-0.007457	-0.012143	0.025988	-0.005865	0.060567	-0.013798
	-0.006237	-0.034969	-0.053097	-0.005555	0.032383	-0.015022
	0.038944	-0.003554	-0.057878	0.010083	0.044587	-0.011697
	0.029835	0.007477	0.017256	-0.008170	0.018853	0.021099
	-0.019763	0.021204	-0.037361	0.033740	0.002215	0.000968
	-0.017893					

z179	-0.016937	0.004420	0.025280	0.016039	-0.013303	0.040958
	-0.011022	0.020278	0.048898	0.021432	0.005100	0.005005
	-0.001211	0.020350	0.035427	-0.008989	0.016141	-0.019653
	0.002162	-0.069956	0.028902	-0.070034	-0.012573	0.027297
	0.020995	0.000751	-0.007287	-0.002212	0.011553	-0.013517
	-0.011564					
x180	0.016098	-0.065294	0.003868	-0.020880	-0.029418	-0.011318
	-0.016342	-0.041384	-0.002123	-0.049276	0.025223	0.038593
	-0.005837	-0.034244	-0.002749	-0.061509	0.048187	-0.045755
	0.022104	0.022456	0.003133	-0.033529	0.037331	-0.077979
	-0.082645	-0.008612	-0.067680	-0.015810	0.047282	0.011881
	0.006780					
y180	-0.005081	-0.006898	0.026272	-0.000016	0.066792	-0.021008
	-0.003068	-0.040592	-0.058638	-0.009375	0.033403	-0.015493
	0.042247	-0.004948	-0.063387	0.013960	0.042953	-0.016522
	0.039724	0.009054	0.005079	-0.006073	0.011722	0.013235
	-0.018580	0.007975	-0.034665	0.036225	0.003640	-0.015006
	-0.024880					
z180	-0.019113	-0.000765	0.027258	0.014305	-0.012214	0.040028
	-0.008490	0.019543	0.047137	0.018830	0.001842	0.005338
	-0.005112	0.024798	0.039051	-0.009690	0.013615	-0.016974
	0.009415	-0.072712	0.026659	-0.082724	-0.012399	0.028759
	0.018210	0.002395	-0.005730	-0.004737	0.012255	-0.003945
	-0.006725					
x181	0.013370	-0.066833	-0.001295	-0.024043	-0.022247	-0.012254
	-0.015562	-0.053816	-0.005359	-0.058804	0.033543	0.037598
	-0.001530	-0.033528	-0.008708	-0.060653	0.057473	-0.056836
	0.019589	0.035093	-0.007522	-0.025603	0.034666	-0.086905
	-0.096827	-0.013525	-0.062585	-0.031276	0.039976	-0.002931
	0.015852					
y181	-0.002861	-0.002384	0.028144	0.003412	0.070656	-0.026046
	0.000654	-0.040163	-0.055846	-0.010640	0.029646	-0.015271
	0.038732	-0.009470	-0.059269	0.011531	0.045910	-0.014635
	0.041562	0.003415	0.014994	0.004077	-0.000949	0.017807
	-0.017892	0.003402	-0.026462	0.050874	0.001319	-0.008247
	-0.018039					
z181	-0.021180	-0.006826	0.029435	0.013930	-0.010494	0.037150
	-0.006525	0.016625	0.042743	0.013307	-0.001399	0.004381
	-0.006608	0.027998	0.041448	-0.009638	0.009774	-0.012270
	0.017801	-0.069278	0.018533	-0.090491	-0.009483	0.027219
	0.010914	0.005140	-0.010114	-0.014338	0.012360	-0.002828
	0.000165					

x182	0.009926	-0.066834	-0.007569	-0.026742	-0.013579	-0.016763
	-0.012653	-0.068071	-0.011276	-0.070969	0.044234	0.033511
	0.000758	-0.035183	-0.010993	-0.060135	0.066947	-0.066301
	0.018353	0.047571	-0.014292	-0.007113	0.024340	-0.094166
	-0.113611	-0.025876	-0.045582	-0.037624	0.045040	-0.024320
	0.038059					
y182	0.000816	0.001263	0.032194	0.004762	0.073945	-0.023427
	0.004316	-0.036711	-0.048264	-0.007860	0.021430	-0.013704
	0.039053	-0.011962	-0.062657	0.010148	0.042402	-0.014903
	0.036939	-0.001704	0.013990	-0.001889	-0.001656	0.029549
	-0.013274	0.008985	-0.020775	0.046529	-0.023057	0.006755
	-0.018566					
z182	-0.023357	-0.014478	0.031351	0.014139	-0.010003	0.031564
	-0.005677	0.011805	0.038646	0.006121	-0.004651	0.005346
	-0.008481	0.028844	0.042803	-0.008893	0.003257	-0.005741
	0.024544	-0.062019	0.007555	-0.091792	-0.005315	0.023115
	0.002942	0.008619	-0.010077	-0.021116	0.021390	-0.000194
	0.009267					
x183	0.007543	-0.066566	-0.013746	-0.030828	-0.004293	-0.017427
	-0.008664	-0.082004	-0.013819	-0.080009	0.051809	0.029670
	0.004389	-0.038905	-0.012781	-0.060815	0.074515	-0.077711
	0.013391	0.058428	-0.022177	0.011608	0.015506	-0.094343
	-0.126448	-0.037186	-0.016240	-0.043767	0.037010	-0.042020
	0.057682					
y183	0.004166	0.008192	0.036633	0.009093	0.074499	-0.025714
	0.010518	-0.029105	-0.045185	-0.006256	0.018558	-0.016687
	0.035507	-0.017816	-0.062479	0.010611	0.039005	-0.009574
	0.037336	-0.004313	0.024904	0.008184	-0.011179	0.035213
	-0.015864	0.009016	-0.024557	0.040154	-0.035617	0.015410
	-0.019069					
z183	-0.025367	-0.023257	0.032666	0.015921	-0.008810	0.027216
	-0.004103	0.006953	0.035860	0.000336	-0.006375	0.006542
	-0.010111	0.030783	0.042836	-0.008728	-0.000064	-0.001260
	0.033792	-0.049694	-0.003129	-0.098322	-0.003206	0.025170
	-0.006535	0.013395	-0.012909	-0.029021	0.029405	-0.000701
	0.024077					
x184	-0.000777	-0.066440	-0.029419	-0.011483	0.022043	-0.016272
	0.006398	-0.087048	-0.026171	-0.094089	0.061172	-0.000854
	0.029093	-0.041009	-0.020558	-0.065717	0.046377	-0.053340
	-0.089835	0.031137	-0.033211	0.070314	-0.006837	0.055216
	-0.060513	-0.006127	0.049325	0.045961	0.004963	0.040898
	0.000226					

y184	0.008246	0.013429	0.040581	0.016130	0.074442	-0.029066
	0.017131	-0.024411	-0.044844	-0.007824	0.018274	-0.019934
	0.035053	-0.019024	-0.060343	0.018882	0.029538	-0.001475
	0.030649	-0.015264	0.014364	0.006389	-0.013767	0.051839
	-0.000953	0.014013	-0.025354	0.035701	-0.036403	0.010894
	-0.019234					
z184	-0.029252	-0.033386	0.031540	0.022878	-0.004196	0.022362
	-0.000181	0.001414	0.030875	-0.008897	-0.006079	0.002380
	-0.004657	0.033055	0.040946	-0.009406	-0.011643	0.007875
	0.021834	-0.039483	-0.016685	-0.096110	-0.000129	0.054627
	-0.007137	0.025467	-0.012645	-0.017256	0.036536	0.012370
	0.026543					
x185	-0.003274	-0.061735	-0.038799	-0.009414	0.029833	-0.032953
	0.005411	-0.094005	-0.020630	-0.097250	0.065097	-0.005993
	0.037819	-0.022797	-0.009980	-0.042021	0.046201	-0.038627
	-0.090229	0.017280	-0.048525	0.084293	-0.011069	0.049969
	-0.053270	-0.024274	0.026839	0.038179	-0.008121	0.012615
	-0.015115					
y185	0.012479	0.016628	0.046393	0.011674	0.073192	-0.029039
	0.016399	-0.024092	-0.036064	-0.004943	0.012787	-0.012627
	0.024358	-0.014010	-0.059498	0.022635	0.023643	0.015222
	0.034567	-0.032919	0.032904	0.011268	-0.006022	0.033729
	0.015383	0.020530	-0.016929	0.033832	-0.044867	-0.003577
	-0.028437					
z185	-0.028562	-0.039902	0.026227	0.024482	0.008128	0.020639
	-0.002218	-0.009374	0.028134	-0.023579	-0.014661	0.007790
	-0.005601	0.034964	0.036857	-0.007935	-0.001190	0.007074
	0.004378	-0.036107	0.003020	-0.079747	0.004342	0.062142
	-0.012092	0.012306	0.008360	-0.016208	0.029804	0.006584
	0.028062					
x186	-0.005826	-0.056363	-0.047013	-0.008467	0.034876	-0.046535
	0.005153	-0.099899	-0.014855	-0.098408	0.069084	-0.010342
	0.044341	-0.006169	-0.002263	-0.021541	0.042702	-0.026272
	-0.089367	0.003594	-0.061313	0.092269	-0.011796	0.044304
	-0.045372	-0.037575	0.011256	0.030793	-0.017173	-0.014268
	-0.027218					
y186	0.017306	0.019308	0.052612	0.010586	0.072229	-0.028970
	0.016464	-0.021307	-0.032018	-0.008067	0.011478	-0.008304
	0.013422	-0.008699	-0.054587	0.026680	0.025508	0.026796
	0.044089	-0.040029	0.048733	0.011921	0.002922	0.012378
	0.018418	0.020050	-0.048640	0.015332	-0.048145	-0.010868
	-0.007544					

z186	-0.029017	-0.045649	0.020704	0.025742	0.018590	0.015285
	-0.001614	-0.019358	0.023484	-0.040842	-0.022627	0.010455
	-0.005486	0.035561	0.030962	-0.004817	0.006587	0.009763
	-0.011475	-0.032356	0.014711	-0.056502	0.011999	0.059741
	-0.011932	0.001367	0.028017	-0.018767	0.025968	0.001896
	0.025408					
x187	-0.009034	-0.050178	-0.054419	-0.006120	0.038127	-0.057794
	0.006893	-0.104844	-0.013040	-0.098595	0.072631	-0.016698
	0.046948	0.008587	0.000142	-0.007132	0.033349	-0.015567
	-0.089078	-0.010256	-0.072074	0.095833	-0.010463	0.040652
	-0.040600	-0.046921	-0.002614	0.021281	-0.021962	-0.031993
	-0.031990					
y187	0.020522	0.023847	0.059650	0.010071	0.071631	-0.032520
	0.020359	-0.021194	-0.035359	-0.019107	0.013306	-0.003834
	0.003327	-0.000577	-0.062441	0.026674	0.024774	0.036755
	0.048014	-0.046939	0.050196	-0.001813	0.005482	-0.000062
	0.023123	0.012838	-0.064818	0.000007	-0.049508	-0.018533
	0.011877					
z187	-0.030783	-0.050960	0.015355	0.028266	0.027726	0.006785
	-0.000035	-0.028903	0.014363	-0.058802	-0.028381	0.008227
	-0.005600	0.038216	0.020598	0.000937	0.007778	0.013181
	-0.018862	-0.028493	0.016898	-0.045237	0.019863	0.051189
	-0.018860	-0.008934	0.035746	-0.017778	0.027064	-0.007634
	0.028406					
x188	-0.011894	-0.043720	-0.060740	-0.006276	0.037801	-0.062891
	0.008422	-0.106956	-0.008479	-0.093712	0.073718	-0.021555
	0.046383	0.018686	0.000353	0.001271	0.021406	-0.009864
	-0.088686	-0.022613	-0.075624	0.096544	-0.008264	0.038289
	-0.032294	-0.045853	-0.010686	0.011120	-0.025193	-0.039284
	-0.035206					
y188	0.025412	0.026181	0.065041	0.002888	0.065448	-0.024097
	0.018630	-0.013139	-0.024879	-0.014071	0.011054	0.007839
	-0.000423	-0.003939	-0.062836	0.024439	0.031005	0.033522
	0.053809	-0.046000	0.062105	-0.002382	0.001131	-0.003109
	0.036291	0.022215	-0.060044	-0.005793	-0.051702	-0.012073
	-0.006961					
z188	-0.030789	-0.057405	0.009135	0.028017	0.031806	0.004026
	0.000295	-0.031723	0.016442	-0.061586	-0.039266	0.008051
	-0.004467	0.038316	0.012814	0.007576	0.005210	0.012550
	-0.025303	-0.022282	0.024938	-0.035504	0.020400	0.054351
	-0.020026	-0.004849	0.049298	-0.008362	0.024894	0.001460
	0.017611					

x189	-0.014146	-0.036360	-0.065678	-0.006712	0.034038	-0.064255
	0.011141	-0.106341	-0.004846	-0.085692	0.074776	-0.026291
	0.043796	0.027338	-0.002921	0.007002	0.006660	-0.006674
	-0.087273	-0.034850	-0.075900	0.091212	-0.005729	0.037917
	-0.023246	-0.037730	-0.015763	0.003195	-0.023353	-0.038982
	-0.035438					
y189	0.030393	0.029476	0.072416	0.000357	0.057607	-0.018639
	0.019262	-0.006301	-0.019732	-0.012392	0.008970	0.016763
	-0.005457	0.000797	-0.059069	0.031406	0.039041	0.029985
	0.061455	-0.042324	0.075568	-0.006144	-0.007615	-0.009631
	0.043664	0.028522	-0.065800	-0.007355	-0.043853	-0.021042
	-0.012189					
z189	-0.032033	-0.063122	0.002327	0.027906	0.034579	-0.000950
	0.004498	-0.032732	0.017129	-0.064099	-0.047372	0.003501
	-0.002584	0.038101	0.003864	0.016526	0.002328	0.010954
	-0.025403	-0.013390	0.025590	-0.029761	0.021320	0.053522
	-0.017766	-0.001454	0.052293	0.006822	0.024898	0.006993
	0.003751					
x190	-0.017673	-0.027187	-0.071522	-0.004039	0.028146	-0.066403
	0.016670	-0.104564	-0.007418	-0.081939	0.080758	-0.033099
	0.039319	0.034049	-0.009869	0.010880	-0.013802	-0.007956
	-0.084140	-0.046120	-0.080498	0.076136	0.000039	0.037199
	-0.016622	-0.022973	-0.018732	-0.008015	-0.010246	-0.044229
	-0.028441					
y190	0.032504	0.032794	0.076902	0.003153	0.053961	-0.022017
	0.021591	0.002248	-0.020016	-0.026123	0.021615	0.025779
	-0.005649	-0.000286	-0.045385	0.052549	0.041523	0.027550
	0.067613	-0.039738	0.065452	-0.012188	-0.000461	-0.034820
	0.031246	0.028763	-0.071278	-0.014192	-0.028988	-0.034924
	-0.010232					
z190	-0.034889	-0.066322	-0.005215	0.029892	0.037778	-0.012257
	0.011589	-0.034203	0.014067	-0.073058	-0.048158	-0.006506
	0.002605	0.044355	-0.006124	0.030987	-0.000969	0.012091
	-0.021469	-0.003633	0.006873	-0.033149	0.023780	0.039918
	-0.019506	-0.001654	0.042118	0.010907	0.035548	0.006305
	0.005862					
x191	-0.019355	-0.020870	-0.074457	-0.009251	0.018442	-0.055433
	0.018615	-0.099296	0.001445	-0.062503	0.073900	-0.033256
	0.028925	0.033669	-0.020213	0.001464	-0.037375	-0.012846
	-0.089537	-0.059008	-0.061564	0.067615	0.002626	0.048768
	-0.001487	0.003531	-0.004392	-0.015635	-0.012174	-0.014468
	-0.021741					

y191	0.036779	0.030131	0.084600	-0.005596	0.049631	-0.011194
	0.016079	0.009295	-0.007131	-0.024830	0.016688	0.042314
	-0.010168	-0.003272	-0.034383	0.053215	0.050032	0.018400
	0.058468	-0.038052	0.082791	-0.008131	-0.005659	-0.042581
	0.031356	0.030072	-0.057892	-0.020907	-0.044569	-0.024577
	-0.003267					
z191	-0.037260	-0.075116	-0.010399	0.023938	0.038224	-0.014738
	0.014054	-0.032398	0.023109	-0.068225	-0.061888	-0.014753
	0.005017	0.042140	-0.014903	0.038003	-0.008535	0.013481
	-0.026210	0.001031	0.007611	-0.029671	0.030526	0.026193
	-0.008132	0.020895	0.032983	0.022678	0.027440	0.035637
	-0.000972					
x192	-0.024102	-0.009589	-0.078324	-0.010305	0.009405	-0.051332
	0.026937	-0.098327	-0.006642	-0.054295	0.078282	-0.042839
	0.017458	0.038183	-0.039884	-0.012505	-0.064559	-0.019869
	-0.089954	-0.066204	-0.062079	0.048267	0.009661	0.047886
	0.003426	0.020716	0.002883	-0.027042	0.006510	-0.006082
	0.000241					
y192	0.034797	0.034019	0.088075	-0.008726	0.049684	-0.011660
	0.016514	0.008105	-0.013694	-0.036631	0.026220	0.042754
	-0.013195	0.000805	-0.029416	0.048581	0.059965	0.010852
	0.060518	-0.020797	0.070508	-0.002518	-0.011813	-0.073485
	0.012661	0.014622	-0.045831	-0.029144	-0.034692	-0.047838
	0.005075					
z192	-0.042691	-0.080078	-0.017801	0.024231	0.037923	-0.025702
	0.020333	-0.033582	0.015974	-0.074011	-0.066470	-0.032754
	0.008656	0.044438	-0.029711	0.048560	-0.022183	0.013013
	-0.019668	0.007606	-0.015125	-0.040809	0.038105	-0.003545
	-0.006922	0.031649	0.010040	0.025084	0.035149	0.041610
	0.009332					
x193	-0.026857	-0.001635	-0.080411	-0.015284	-0.004162	-0.036385
	0.030387	-0.089102	-0.002871	-0.031535	0.071388	-0.044146
	0.001462	0.031964	-0.058356	-0.028035	-0.092172	-0.028677
	-0.091791	-0.074737	-0.043942	0.030616	0.018523	0.061349
	0.022783	0.063435	0.020190	-0.029644	0.015462	0.033387
	0.004309					
y193	0.033352	0.033171	0.091797	-0.014748	0.045448	-0.002760
	0.007664	0.009930	-0.012358	-0.040392	0.021854	0.051782
	-0.018009	-0.012955	-0.023426	0.044702	0.065597	0.002156
	0.057646	0.007999	0.072517	0.006809	-0.028369	-0.085652
	-0.007247	0.016531	-0.019027	-0.028731	-0.036301	-0.052041
	-0.010980					

z193	-0.047289	-0.086221	-0.024617	0.018909	0.034600	-0.032416
	0.027523	-0.030443	0.021561	-0.069307	-0.075417	-0.050067
	0.012228	0.045880	-0.044594	0.053932	-0.037852	0.011516
	-0.018406	0.018966	-0.034605	-0.050566	0.032343	-0.024467
	0.001768	0.060833	-0.011807	0.031256	0.037999	0.063505
	0.016188					
x194	-0.024345	0.021932	-0.073193	-0.005384	-0.008183	-0.020872
	0.027223	-0.070672	-0.017118	-0.025312	0.076788	-0.025614
	-0.005996	0.024758	-0.060384	-0.024529	-0.095762	-0.027354
	-0.060421	-0.040393	-0.024616	0.024773	-0.006745	0.047601
	0.015980	0.059160	0.007005	-0.045667	0.016148	-0.002403
	0.003071					
y194	0.030337	0.037269	0.092600	-0.014315	0.036386	-0.000940
	0.001683	0.003842	-0.019367	-0.050951	0.030173	0.051631
	-0.017873	-0.009704	-0.017072	0.043822	0.056672	0.005146
	0.028819	0.020928	0.042504	-0.015744	-0.048053	-0.083073
	-0.020415	0.014723	0.030518	-0.039975	0.006470	-0.037482
	0.012375					
z194	-0.043267	-0.086020	-0.027219	0.014669	0.037794	-0.045068
	0.032695	-0.037368	0.012701	-0.056128	-0.081156	-0.031215
	-0.009385	0.053568	-0.061380	0.055867	-0.047354	-0.006913
	-0.006302	0.013899	-0.028051	-0.036592	0.032865	-0.069416
	-0.011244	0.061724	-0.013515	0.014397	0.026578	0.022735
	0.031089					
x195	-0.020210	0.039136	-0.065473	-0.000994	-0.012059	-0.006558
	0.023772	-0.054453	-0.020440	-0.013866	0.073003	-0.011632
	-0.016382	0.016420	-0.059250	-0.020627	-0.099239	-0.020679
	-0.047255	-0.021813	-0.002962	0.022295	-0.028364	0.037857
	0.007517	0.051676	0.001168	-0.060857	0.003593	-0.006584
	0.005147					
y195	0.034621	0.034571	0.091441	-0.016893	0.027613	-0.001386
	-0.004978	-0.001942	-0.015527	-0.060333	0.030794	0.050876
	-0.021303	-0.003857	-0.006711	0.047799	0.050957	0.006240
	-0.005226	0.018584	0.019557	-0.035440	-0.070943	-0.062039
	-0.021448	0.014616	0.060004	-0.053096	0.026739	-0.009706
	0.044386					
z195	-0.039812	-0.086250	-0.028012	0.010012	0.039507	-0.053130
	0.037950	-0.040486	0.006939	-0.043395	-0.085901	-0.013246
	-0.026125	0.055165	-0.071781	0.055713	-0.057553	-0.019493
	-0.000669	0.003564	-0.016604	-0.028135	0.029381	-0.099286
	-0.014769	0.063106	-0.020028	0.004440	0.011039	0.000878
	0.039392					

x196	-0.018899	0.051913	-0.058106	0.000169	-0.013917	0.004156
	0.021571	-0.035511	-0.024969	-0.008087	0.071639	-0.002506
	-0.024566	0.007071	-0.052290	-0.007051	-0.089055	-0.011623
	-0.026171	-0.013044	0.015946	0.022613	-0.040300	0.033611
	0.010688	0.060492	-0.015134	-0.055325	-0.007315	-0.016865
	-0.007652					
y196	0.035118	0.031139	0.088496	-0.022831	0.022412	0.001890
	-0.014680	-0.000056	-0.015627	-0.065883	0.030431	0.047566
	-0.019249	0.004501	0.004095	0.051339	0.064195	0.000711
	-0.017352	0.016091	0.009831	-0.042025	-0.077523	-0.030709
	-0.018374	0.029183	0.059538	-0.039786	0.038921	0.001257
	0.048231					
z196	-0.036775	-0.084601	-0.029208	0.005879	0.038308	-0.060479
	0.044239	-0.042115	0.000065	-0.030370	-0.088281	0.003034
	-0.037187	0.053744	-0.080790	0.049632	-0.065432	-0.027185
	-0.003288	-0.007209	-0.006841	-0.015898	0.017564	-0.115747
	-0.010831	0.064095	-0.028074	-0.001480	-0.005630	-0.022134
	0.036763					
x197	-0.017283	0.060525	-0.050665	-0.004059	-0.020347	0.006277
	0.022157	-0.018735	-0.027719	-0.007167	0.072057	0.009217
	-0.027539	-0.000235	-0.045240	0.006502	-0.061400	-0.000404
	-0.002022	0.011123	0.037254	0.030914	-0.036409	0.025573
	0.007506	0.073188	-0.029009	-0.044412	-0.004556	-0.019012
	-0.003534					
y197	0.035335	0.026624	0.085186	-0.029777	0.012920	0.001365
	-0.025064	0.005204	-0.010311	-0.070148	0.029205	0.047752
	-0.010764	0.007298	0.013865	0.042742	0.088615	-0.004567
	-0.023776	0.036365	0.008957	-0.027422	-0.059740	-0.003241
	-0.013852	0.041395	0.065549	-0.029716	0.051384	0.007127
	0.057144					
z197	-0.035085	-0.081193	-0.030940	0.000640	0.033237	-0.065409
	0.048105	-0.041871	-0.006762	-0.019612	-0.087425	0.020552
	-0.040637	0.047144	-0.086172	0.036154	-0.065462	-0.029914
	-0.007405	-0.004195	0.007210	-0.006283	0.007980	-0.117370
	-0.005177	0.066678	-0.038430	-0.000572	-0.018307	-0.043951
	0.030064					
x198	-0.018204	0.065298	-0.043274	-0.002886	-0.032910	0.011353
	0.025366	-0.001020	-0.036766	-0.008606	0.067657	0.011952
	-0.037659	-0.008593	-0.038272	0.016937	-0.038923	-0.002844
	0.021777	0.029813	0.038765	0.028238	-0.038401	0.014250
	0.006727	0.051776	-0.048618	-0.040683	0.009175	-0.008454
	0.009471					

y198	0.034438	0.022132	0.083488	-0.028756	0.002380	0.003159
	-0.036896	0.013494	-0.008819	-0.075069	0.021571	0.036933
	-0.014842	0.015919	0.022474	0.034093	0.099101	-0.018753
	-0.029263	0.039558	-0.009615	-0.021548	-0.058308	0.005703
	-0.005278	0.032543	0.054043	-0.027623	0.062170	0.022657
	0.050677					
z198	-0.034607	-0.074228	-0.032967	-0.001667	0.025840	-0.065532
	0.050790	-0.040124	-0.017274	-0.010560	-0.083932	0.034085
	-0.041500	0.035352	-0.088495	0.024787	-0.069809	-0.028299
	-0.012755	-0.005925	0.008692	-0.005475	-0.004955	-0.115739
	0.000733	0.060313	-0.054424	-0.002243	-0.028075	-0.035421
	0.030349					
x199	-0.023161	0.066352	-0.038820	-0.008460	-0.046108	0.008801
	0.032900	0.022265	-0.045813	-0.009969	0.062398	0.004312
	-0.053015	-0.024816	-0.028173	0.025598	-0.031648	-0.007667
	0.048067	0.035822	0.032091	0.015861	-0.048868	0.000084
	0.005898	0.033551	-0.056923	-0.043732	0.035120	-0.001237
	0.037805					
y199	0.032200	0.018000	0.079415	-0.029730	-0.002660	0.000338
	-0.044332	0.026941	-0.003384	-0.080925	0.008565	0.019335
	-0.026656	0.022935	0.030240	0.021678	0.092749	-0.028791
	-0.029764	0.030568	-0.034927	-0.024262	-0.066590	0.013139
	0.000562	0.029120	0.041203	-0.029370	0.055431	0.034657
	0.051515					
z199	-0.036007	-0.066073	-0.034574	-0.004299	0.016449	-0.063404
	0.053935	-0.033552	-0.029437	-0.002391	-0.079264	0.045878
	-0.042556	0.016484	-0.085305	0.011604	-0.087475	-0.018065
	-0.016023	-0.011936	0.002559	-0.016714	-0.028488	-0.105402
	0.008527	0.040614	-0.065744	-0.006289	-0.033578	-0.005409
	0.036109					
x200	-0.030770	0.065035	-0.031114	-0.008332	-0.055725	0.000131
	0.045073	0.037564	-0.042120	-0.018032	0.066261	-0.007240
	-0.068140	-0.025369	-0.027535	0.037728	-0.011709	-0.000190
	0.059989	0.030181	0.033725	0.024003	-0.064713	-0.020584
	0.010601	0.023723	-0.073525	-0.036817	0.047212	0.011035
	0.011675					
y200	0.026896	0.015771	0.076715	-0.025705	-0.000726	-0.001861
	-0.048781	0.035707	0.011446	-0.091260	0.001836	0.000073
	-0.041615	0.037006	0.025759	0.002393	0.087731	-0.038337
	-0.025423	0.026617	-0.049317	-0.009437	-0.074978	0.020974
	0.006238	0.023457	0.016849	-0.029171	0.032594	0.043032
	0.014767					

z200	-0.042007	-0.056131	-0.033475	-0.006833	0.006765	-0.056446
	0.059307	-0.028920	-0.040730	0.001102	-0.066243	0.058278
	-0.043357	-0.003864	-0.088894	-0.012537	-0.112125	0.000431
	-0.019844	-0.014594	-0.001036	-0.014910	-0.065873	-0.080190
	0.030095	0.008095	-0.072693	-0.009951	-0.032164	0.044737
	0.010351					
x201	-0.033866	0.068976	-0.026392	-0.004197	-0.057317	-0.022545
	0.064690	0.057963	-0.036313	-0.030672	0.068433	-0.024615
	-0.064492	-0.021356	-0.006412	0.064676	0.020922	0.028616
	0.056346	-0.002063	0.014643	0.027280	-0.050459	-0.022905
	-0.005806	0.043383	-0.076331	0.024709	0.025231	0.020251
	-0.018488					
y201	0.024712	0.015107	0.072686	-0.019666	0.009405	-0.011563
	-0.051335	0.050069	0.028857	-0.107660	-0.009346	-0.021925
	-0.046024	0.051217	0.037344	-0.004776	0.091355	-0.039689
	-0.012560	0.011456	-0.073787	-0.003822	-0.057665	0.033459
	0.005756	0.021275	-0.024578	-0.003901	-0.008954	0.024245
	0.001774					
z201	-0.044440	-0.041936	-0.032818	-0.004711	0.002322	-0.058795
	0.073261	-0.015235	-0.046580	-0.007918	-0.047740	0.074125
	-0.019848	-0.018482	-0.063276	-0.012329	-0.123130	0.049510
	-0.029863	-0.035950	-0.021110	-0.023062	-0.083208	-0.027397
	0.056200	-0.021493	-0.098666	0.033430	-0.046930	0.094552
	-0.028192					
x202	-0.037363	0.070920	-0.018526	-0.001040	-0.055646	-0.043323
	0.066542	0.066376	-0.033385	-0.043614	0.068351	-0.043061
	-0.057527	-0.035785	0.010520	0.088750	0.051997	0.038955
	0.055650	-0.008124	0.000904	0.021184	-0.026854	-0.036567
	-0.029989	0.074915	-0.044738	0.062503	0.023890	-0.000487
	-0.021202					
y202	0.020371	0.013324	0.068663	-0.013370	0.020992	-0.018437
	-0.061292	0.062078	0.047812	-0.119281	-0.021792	-0.046600
	-0.056148	0.062186	0.037410	-0.024754	0.081144	-0.053988
	0.001891	0.005625	-0.089042	0.007113	-0.053375	0.054603
	0.005652	0.002753	-0.062598	0.004949	-0.058333	-0.001415
	-0.007649					
z202	-0.047989	-0.021452	-0.032128	-0.004426	0.002629	-0.054263
	0.069249	-0.014522	-0.059757	-0.012650	-0.036726	0.093526
	0.010856	-0.054904	-0.042114	-0.037963	-0.154205	0.075594
	-0.047210	-0.033210	-0.021751	-0.036192	-0.111376	0.042516
	0.073848	-0.064464	-0.080609	0.041872	-0.070319	0.123592
	-0.051827					

x203	-0.028956	0.077142	0.006299	-0.000082	-0.052203	-0.064627
	0.052864	0.072332	-0.030718	-0.034401	0.080018	-0.047045
	-0.039052	-0.054246	0.002983	0.110818	0.063628	0.045062
	0.040218	0.011887	-0.011168	-0.048332	0.005445	-0.003878
	-0.056336	0.050767	-0.020109	0.020200	-0.025064	-0.013399
	0.012470					
y203	0.030556	0.004572	0.051918	-0.013389	0.025403	-0.004973
	-0.090104	0.041683	0.042273	-0.100275	-0.040620	-0.041749
	-0.043811	0.084745	0.018592	-0.031744	0.063397	-0.032532
	0.019171	0.007969	-0.081556	-0.006571	-0.048836	-0.006151
	-0.007132	-0.046090	-0.061875	-0.030332	-0.028592	-0.025436
	-0.003293					
z203	-0.048574	-0.011365	-0.032718	-0.012984	-0.000410	-0.064884
	0.063961	-0.002821	-0.046598	-0.012531	-0.027050	0.072481
	0.036099	-0.095692	-0.007838	-0.030433	-0.093439	0.084802
	0.002444	-0.014582	0.006144	-0.023698	-0.081616	0.042782
	0.071724	-0.051314	-0.013549	-0.016886	-0.050589	0.071028
	0.005063					
x204	-0.016969	0.078624	0.019646	0.008099	-0.046828	-0.077314
	0.038574	0.065759	-0.033016	-0.021016	0.089598	-0.046321
	-0.041401	-0.041458	-0.018728	0.084233	0.056415	0.027452
	0.034564	0.022903	-0.045755	-0.075418	0.031869	0.002682
	-0.081384	0.033136	-0.004329	-0.001290	-0.045056	0.017294
	0.030144					
y204	0.038543	-0.005344	0.031383	-0.011274	0.025452	0.008317
	-0.114703	0.021794	0.033682	-0.081876	-0.050969	-0.034972
	-0.038763	0.110953	-0.005262	-0.036809	0.045279	-0.018374
	0.033973	0.003935	-0.077326	-0.003244	-0.030487	-0.050472
	-0.009312	-0.063667	-0.081187	-0.065763	-0.011233	-0.029649
	-0.004904					
z204	-0.042529	-0.003974	-0.037340	-0.010834	-0.010052	-0.080148
	0.058718	0.002834	-0.028590	-0.004399	-0.011058	0.051222
	0.053533	-0.111889	0.019639	-0.013617	-0.020738	0.103343
	0.039971	-0.011719	-0.002279	-0.017604	-0.032021	0.015261
	0.064600	-0.015656	0.037231	-0.025501	-0.029551	0.032439
	0.025864					
x205	-0.005087	0.075558	0.031170	0.015714	-0.039905	-0.087504
	0.027276	0.071256	-0.031503	-0.014270	0.095318	-0.044627
	-0.041095	-0.020547	-0.037016	0.064578	0.048359	0.004836
	0.025428	0.033941	-0.077141	-0.087586	0.056192	0.009083
	-0.105034	0.026863	-0.017813	-0.015415	-0.046234	0.056342
	0.038176					

y205	0.043724	-0.013576	0.016052	-0.011534	0.022532	0.019083
	-0.132654	0.001580	0.023661	-0.070807	-0.064350	-0.028657
	-0.032089	0.116234	-0.021869	-0.031830	0.024141	-0.000379
	0.044468	0.010859	-0.062835	-0.011087	-0.026482	-0.080697
	-0.012684	-0.081646	-0.077945	-0.091539	-0.005820	-0.034536
	-0.000864					
z205	-0.035218	-0.001431	-0.040658	-0.005654	-0.018822	-0.099644
	0.060562	0.016269	-0.016743	-0.012130	0.006731	0.038918
	0.061054	-0.113136	0.024196	-0.025998	0.013490	0.098615
	0.078462	-0.004377	-0.018029	0.010984	-0.008912	0.014646
	0.051849	-0.003780	0.024977	-0.041150	0.000139	0.036677
	0.041781					
x206	0.007538	0.069920	0.039586	0.022073	-0.034474	-0.094366
	0.014923	0.076540	-0.026731	-0.006311	0.091976	-0.041074
	-0.030129	-0.006195	-0.043790	0.068142	0.047268	-0.005037
	0.009898	0.038398	-0.089273	-0.108927	0.076598	0.011517
	-0.111838	0.015977	-0.029084	-0.020182	-0.047265	0.072309
	0.036072					
y206	0.046234	-0.020185	0.005019	-0.013760	0.016251	0.027761
	-0.144875	-0.013963	0.016596	-0.064011	-0.071862	-0.023404
	-0.025858	0.108977	-0.028678	-0.018959	0.008845	0.015946
	0.044403	0.015906	-0.045390	-0.026847	-0.031269	-0.097993
	-0.017993	-0.088844	-0.062645	-0.092075	-0.006268	-0.043832
	-0.000223					
z206	-0.032705	0.001474	-0.045339	-0.010321	-0.024834	-0.094647
	0.054999	0.027299	-0.012154	-0.018187	0.009952	0.035506
	0.057583	-0.098970	0.017347	-0.054413	0.013433	0.074417
	0.105518	0.028675	-0.023293	0.026893	0.000090	0.013365
	0.037178	0.000375	0.037157	-0.059572	0.051046	0.065818
	0.062384					
x207	0.020364	0.061814	0.042705	0.026827	-0.032832	-0.098870
	0.000699	0.075033	-0.022284	0.005038	0.081803	-0.037730
	-0.018404	-0.008127	-0.047155	0.076233	0.041415	-0.007745
	-0.007253	0.037770	-0.089815	-0.118392	0.085770	0.013634
	-0.108253	0.004594	-0.022346	-0.024019	-0.049065	0.079925
	0.029253					
y207	0.046685	-0.026279	-0.004265	-0.015437	0.004273	0.036902
	-0.151361	-0.027704	0.009444	-0.061049	-0.071658	-0.016844
	-0.022328	0.099989	-0.028107	-0.009371	-0.003338	0.024720
	0.042142	0.015430	-0.029879	-0.039670	-0.031100	-0.099567
	-0.016940	-0.086266	-0.056274	-0.079522	-0.009686	-0.038782
	0.001741					

z207	-0.027873	0.008369	-0.046987	-0.016932	-0.025005	-0.092518
	0.042895	0.040175	-0.009570	-0.031405	0.017542	0.025204
	0.057968	-0.078952	0.007427	-0.056393	0.023948	0.037457
	0.117293	0.053168	-0.020395	0.017265	0.006924	0.018261
	0.017996	0.008295	0.063686	-0.072785	0.058862	0.051822
	0.069340					
x208	0.033328	0.049376	0.040530	0.030896	-0.034768	-0.101164
	-0.015820	0.067522	-0.019286	0.020230	0.063048	-0.029707
	-0.006113	-0.017766	-0.047030	0.084921	0.025865	-0.001966
	-0.027912	0.038541	-0.084217	-0.111620	0.085892	0.007460
	-0.091384	-0.008856	-0.016676	-0.018272	-0.043913	0.076908
	0.018978					
y208	0.045830	-0.032776	-0.011975	-0.016908	-0.012473	0.044427
	-0.155061	-0.042692	-0.000298	-0.059944	-0.063654	-0.006455
	-0.022386	0.086126	-0.022219	-0.000716	-0.016836	0.030614
	0.040609	0.012778	-0.011600	-0.036957	-0.026862	-0.082681
	-0.012622	-0.068282	-0.050444	-0.055227	-0.021336	-0.034977
	0.010065					
z208	-0.022291	0.014358	-0.050786	-0.022718	-0.024544	-0.085668
	0.029558	0.052431	-0.000757	-0.038963	0.027109	0.013167
	0.058715	-0.061734	-0.004311	-0.039106	0.036660	0.007263
	0.108104	0.066455	-0.014673	-0.005201	0.009616	0.023397
	0.005397	0.012954	0.090880	-0.090780	0.056311	0.039931
	0.052818					
x209	0.046591	0.033985	0.031506	0.031357	-0.034877	-0.098878
	-0.035675	0.060131	-0.015751	0.028834	0.042766	-0.019414
	0.007951	-0.026704	-0.049998	0.087274	0.000107	0.000525
	-0.054320	0.036499	-0.072886	-0.111554	0.064696	0.011817
	-0.070977	-0.021976	-0.012970	-0.000470	-0.030818	0.086218
	0.009761					
y209	0.043450	-0.038649	-0.020046	-0.018751	-0.034472	0.048432
	-0.154754	-0.059143	-0.014544	-0.062275	-0.049471	0.004580
	-0.027838	0.057542	-0.014990	0.012040	-0.035724	0.033428
	0.033792	0.003966	0.003166	-0.018377	-0.017557	-0.040237
	-0.001615	-0.029590	-0.042757	-0.028725	-0.045166	-0.003630
	0.016929					
z209	-0.016217	0.012396	-0.053483	-0.020499	-0.032892	-0.082423
	0.014572	0.055229	0.005718	-0.030489	0.024873	0.017509
	0.062413	-0.047697	-0.006350	-0.005051	0.034167	0.011624
	0.077824	0.090560	-0.007694	-0.000319	0.020374	-0.008003
	0.016087	-0.006866	0.101338	-0.098572	0.044071	-0.024615
	0.008219					

x210	0.059774	0.017185	0.017275	0.030444	-0.030549	-0.080519
	-0.054622	0.055412	-0.004475	0.040916	0.011787	-0.012403
	0.020939	-0.031210	-0.048655	0.095580	-0.025565	0.000980
	-0.078782	0.029373	-0.040054	-0.102092	0.035282	0.015946
	-0.046288	-0.027150	0.000208	0.009784	-0.003260	0.092354
	-0.008060					
y210	0.038650	-0.042652	-0.025943	-0.020369	-0.055621	0.057142
	-0.150250	-0.072694	-0.027406	-0.062105	-0.032016	0.012991
	-0.036727	0.021058	-0.002908	0.034402	-0.051659	0.033411
	0.021806	-0.003952	0.015396	0.004372	-0.006292	0.006682
	0.012624	0.023128	-0.018951	0.001056	-0.070669	0.041221
	0.023151					
z210	-0.006704	0.004585	-0.054464	-0.021352	-0.049112	-0.097117
	-0.005456	0.048481	0.002369	-0.030005	0.027486	0.034212
	0.067730	-0.041672	-0.018102	0.029044	0.005400	0.011603
	0.026615	0.119467	-0.007986	-0.003434	0.020370	-0.013336
	0.039406	-0.036474	0.091528	-0.080556	0.009027	-0.075351
	-0.023384					
x211	0.069104	0.006395	0.003255	0.040749	-0.021972	-0.067187
	-0.063304	0.051214	-0.007667	0.044569	-0.024328	-0.009884
	0.036076	-0.027832	-0.037221	0.118492	-0.038473	-0.006131
	-0.098638	0.019756	-0.006591	-0.092818	0.010243	-0.021424
	-0.025051	-0.057507	0.025849	-0.003203	0.017281	0.032715
	-0.061044					
y211	0.029208	-0.042806	-0.026572	-0.018071	-0.074905	0.061777
	-0.137525	-0.082979	-0.044090	-0.067341	-0.003096	0.019851
	-0.045486	-0.018736	0.019404	0.065958	-0.061340	0.027980
	0.011505	-0.013889	0.022914	0.016754	0.006025	0.050751
	0.019500	0.070786	0.027013	0.030227	-0.103255	0.065213
	0.025496					
z211	0.004938	-0.009850	-0.061124	-0.031271	-0.066702	-0.099316
	-0.034129	0.036187	0.007604	-0.024919	0.022323	0.053159
	0.068267	-0.033804	-0.039728	0.062204	-0.043741	0.010877
	-0.036470	0.147391	-0.004388	-0.008252	0.007951	0.012866
	0.064588	-0.046424	0.072676	-0.033264	-0.006490	-0.081855
	-0.036974					
x212	0.069706	0.012011	0.006848	0.054007	-0.016690	-0.068787
	-0.062695	0.039902	-0.005003	0.036260	-0.053865	-0.018091
	0.040925	-0.027733	-0.034929	0.099175	-0.018447	-0.007801
	-0.086240	0.011773	0.006082	-0.078116	0.002542	-0.010849
	-0.014893	-0.030382	0.017092	0.011125	-0.012943	0.034872
	-0.046330					

y212	0.021834	-0.043594	-0.023328	-0.006547	-0.078368	0.069945
	-0.129715	-0.078075	-0.063886	-0.075053	-0.003965	0.021419
	-0.036741	-0.033957	0.042082	0.072346	-0.073417	0.017640
	0.017193	-0.038904	0.023513	0.003896	0.022574	0.053297
	0.018574	0.041622	0.033717	0.033902	-0.082133	0.042998
	0.013776					
z212	0.008806	-0.008320	-0.050038	-0.022586	-0.061404	-0.087531
	-0.042227	0.017011	0.022178	-0.030269	0.024257	0.058065
	0.068358	-0.024854	-0.031106	0.071877	-0.035501	0.011155
	-0.039312	0.132598	0.001295	-0.002685	0.025796	0.013473
	0.066578	-0.054630	0.050306	-0.022724	-0.016720	-0.085287
	-0.014159					
x213	0.068618	0.016934	0.008249	0.063306	-0.009031	-0.073767
	-0.060040	0.034761	-0.006453	0.028575	-0.074323	-0.026737
	0.046747	-0.028168	-0.034112	0.075342	-0.002149	-0.013385
	-0.079535	0.000124	0.015518	-0.064136	-0.016438	0.005945
	-0.007037	-0.012601	0.018230	0.018775	-0.039690	0.031117
	-0.028728					
y213	0.014327	-0.044073	-0.020827	0.003391	-0.078264	0.072120
	-0.119827	-0.068710	-0.080033	-0.081823	-0.002584	0.021414
	-0.027637	-0.041782	0.057190	0.077303	-0.083895	0.010430
	0.019807	-0.061904	0.021159	-0.012521	0.026984	0.056815
	0.015801	0.016258	0.042362	0.037006	-0.063747	0.013840
	0.013134					
z213	0.012948	-0.008263	-0.038226	-0.013405	-0.059317	-0.071755
	-0.050714	-0.001832	0.033668	-0.032625	0.023736	0.061900
	0.065908	-0.018625	-0.021363	0.082579	-0.027568	0.015898
	-0.033877	0.118682	0.008165	-0.002100	0.050030	0.006073
	0.067967	-0.053595	0.027585	-0.011460	-0.020089	-0.075770
	-0.006802					
x214	0.066877	0.020552	0.009051	0.068840	-0.003131	-0.079067
	-0.057490	0.033471	-0.008370	0.026805	-0.087454	-0.033486
	0.051772	-0.027751	-0.032337	0.056035	0.011976	-0.021397
	-0.072496	-0.014686	0.020607	-0.050531	-0.028197	0.020897
	0.001990	0.004403	0.025450	0.025715	-0.061001	0.029069
	-0.014028					
y214	0.006956	-0.043335	-0.019008	0.012174	-0.075980	0.068019
	-0.107556	-0.057358	-0.094595	-0.087754	0.002136	0.018872
	-0.018157	-0.042622	0.064890	0.080464	-0.088966	0.005556
	0.023616	-0.077615	0.011469	-0.028542	0.025475	0.054037
	0.012648	-0.007872	0.052002	0.034975	-0.045618	-0.011454
	0.016529					

z214	0.017226	-0.009408	-0.026174	-0.005286	-0.057907	-0.052400
	-0.057005	-0.019042	0.043980	-0.031982	0.018810	0.064213
	0.059985	-0.016265	-0.010283	0.086076	-0.023205	0.021744
	-0.029140	0.105417	0.017252	-0.001719	0.065855	-0.001916
	0.066157	-0.045171	0.006174	-0.005303	-0.019583	-0.062603
	-0.001744					
x215	0.065736	0.022149	0.012291	0.070265	-0.000970	-0.079812
	-0.054466	0.031428	-0.007921	0.028184	-0.090736	-0.036170
	0.052131	-0.026369	-0.030878	0.041853	0.021087	-0.029519
	-0.054555	-0.019568	0.024739	-0.042404	-0.027614	0.017749
	0.009065	0.024571	0.029307	0.027928	-0.067564	0.033125
	0.008004					
y215	0.001330	-0.041842	-0.015256	0.018469	-0.073213	0.064638
	-0.095336	-0.044959	-0.100981	-0.090057	0.008028	0.016097
	-0.010257	-0.040359	0.065508	0.078408	-0.089607	0.003463
	0.028760	-0.078711	0.007398	-0.043206	0.022981	0.042382
	0.014173	-0.023934	0.057894	0.029655	-0.026800	-0.017961
	0.020311					
z215	0.019783	-0.008861	-0.017404	0.000853	-0.055490	-0.035956
	-0.061211	-0.032170	0.048905	-0.029955	0.008222	0.063075
	0.055039	-0.015450	0.000985	0.084376	-0.017386	0.025170
	-0.030653	0.085531	0.022114	0.004005	0.069051	-0.000966
	0.058810	-0.043044	-0.013146	-0.005676	-0.021590	-0.056646
	-0.003013					
x216	0.064512	0.022019	0.016856	0.071152	0.001247	-0.072895
	-0.050486	0.028865	-0.006765	0.029749	-0.085931	-0.038903
	0.051317	-0.027762	-0.024531	0.032265	0.025719	-0.031849
	-0.039372	-0.033084	0.020695	-0.033039	-0.024301	0.017712
	0.021299	0.044903	0.026380	0.034488	-0.063892	0.032095
	0.004299					
y216	-0.001557	-0.041633	-0.008862	0.018353	-0.069561	0.071548
	-0.085855	-0.027219	-0.088792	-0.080636	0.006905	0.015575
	-0.002666	-0.041829	0.064052	0.066590	-0.086423	0.008107
	0.025628	-0.077044	0.020147	-0.046036	0.011597	0.040372
	0.033466	-0.024637	0.067182	0.034462	-0.019442	0.002024
	-0.003406					
z216	0.020832	-0.006352	-0.011343	0.007789	-0.055137	-0.029328
	-0.062269	-0.043608	0.041352	-0.028627	-0.001501	0.057888
	0.047471	-0.007837	0.005608	0.080820	-0.016369	0.023411
	-0.028821	0.072813	0.020297	0.000318	0.066781	-0.010035
	0.031137	-0.046365	-0.031166	-0.022334	-0.016271	-0.051283
	0.026068					

x217	0.062147	0.020049	0.021543	0.069676	0.002650	-0.062357
	-0.048054	0.024182	-0.012366	0.034566	-0.078295	-0.043128
	0.047140	-0.028723	-0.025999	0.015512	0.018692	-0.045246
	-0.017923	-0.048204	0.003049	-0.017980	-0.010936	0.017083
	0.032042	0.060740	0.021995	0.018798	-0.033109	0.026114
	0.001515					
y217	-0.004903	-0.038525	-0.003465	0.023269	-0.061707	0.068134
	-0.071820	-0.012661	-0.086687	-0.082750	0.014026	0.005372
	0.005531	-0.030301	0.051069	0.054658	-0.080009	0.013014
	0.027951	-0.067885	0.008826	-0.052042	0.005392	0.023303
	0.044594	-0.033400	0.051768	0.022750	0.010681	0.004660
	-0.008023					
z217	0.021517	-0.003498	-0.006039	0.006906	-0.055434	-0.018932
	-0.060927	-0.047066	0.044134	-0.019099	-0.013182	0.058097
	0.042097	-0.004058	0.016726	0.078554	-0.002795	0.028480
	-0.029519	0.064655	0.039640	0.003118	0.052434	-0.011958
	0.015745	-0.041861	-0.041349	-0.019819	-0.025010	-0.023857
	0.037267					
x218	0.064453	0.012792	0.029693	0.064099	-0.001046	-0.053994
	-0.038689	0.027767	-0.004952	0.042303	-0.062528	-0.040658
	0.047228	-0.022601	-0.006539	0.032720	0.031354	-0.044967
	0.002457	-0.073928	-0.014789	-0.010305	0.019905	0.003799
	0.060924	0.097070	-0.001052	0.042986	-0.004275	0.027609
	-0.026019					
y218	-0.005941	-0.036385	0.003128	0.020047	-0.055103	0.070238
	-0.058518	0.002784	-0.070247	-0.069353	0.008538	0.000248
	0.007103	-0.020913	0.032947	0.026721	-0.073705	0.018888
	0.023944	-0.049702	0.019518	-0.050876	-0.014959	0.011275
	0.062086	-0.033887	0.056863	0.016019	0.021520	0.037497
	-0.016617					
z218	0.016684	0.003525	-0.004437	0.005438	-0.052078	-0.006698
	-0.061137	-0.053826	0.030393	-0.009705	-0.023591	0.051403
	0.033205	-0.005592	0.009702	0.048827	-0.004534	0.019919
	-0.021844	0.062137	0.050689	0.009759	0.023363	-0.009167
	-0.011675	-0.053365	-0.037649	-0.048474	-0.018996	-0.009764
	0.059451					
x219	0.062325	0.010061	0.033624	0.053047	-0.005199	-0.043712
	-0.030692	0.017222	-0.016385	0.047836	-0.052921	-0.037552
	0.032025	-0.028292	0.006601	0.013048	0.016815	-0.064193
	0.026530	-0.080238	-0.025453	0.011426	0.032524	-0.012215
	0.060453	0.091384	0.004921	0.013367	0.030081	0.008289
	-0.023635					

y219	-0.006059	-0.031992	0.010858	0.020758	-0.045409	0.057318
	-0.036782	0.015316	-0.055469	-0.069928	0.008178	-0.008257
	0.011562	0.001922	0.011716	0.013979	-0.049967	0.033408
	0.023353	-0.024700	0.006435	-0.059759	-0.033096	-0.019128
	0.071179	-0.037716	0.041758	0.003153	0.043464	0.044457
	-0.012470					
z219	0.013030	0.006142	0.000658	0.001769	-0.049774	0.005658
	-0.056303	-0.043842	0.029395	0.008993	-0.026844	0.044382
	0.032401	-0.002231	0.005356	0.038396	0.010800	0.025682
	-0.012524	0.044627	0.052547	0.002717	0.004796	-0.002326
	-0.013015	-0.026338	-0.042288	-0.042305	-0.010762	0.022805
	0.045522					
x220	0.062955	0.022383	0.049808	0.074273	-0.012337	-0.076707
	0.011420	-0.045837	-0.029721	0.028574	-0.045638	-0.011384
	0.012432	0.014018	0.032798	-0.039518	0.034711	0.000219
	0.022963	-0.040384	-0.019968	0.063742	0.020726	-0.013953
	0.001257	0.021788	-0.005654	-0.070939	0.027825	0.030943
	-0.076407					
y220	-0.009110	-0.029521	-0.005681	0.028121	-0.011837	0.096336
	0.021628	0.107556	0.042845	0.022812	0.052260	-0.013987
	-0.006613	-0.004913	-0.097141	0.013317	-0.033159	0.046623
	-0.065132	0.054755	-0.111774	0.115485	0.005754	-0.097597
	0.067527	-0.022926	-0.038807	-0.037209	0.020991	0.056335
	0.010918					
z220	0.020490	0.038043	0.028320	-0.048940	-0.038317	-0.003731
	-0.061216	-0.090109	-0.007700	0.090236	-0.000225	0.030475
	0.012682	-0.021691	-0.024629	-0.010963	-0.042430	0.063924
	0.001323	0.073088	0.017014	0.031534	-0.087300	-0.035253
	0.028243	0.045626	-0.040251	0.036389	-0.055919	-0.074500
	-0.039962					
x221	0.063068	0.015708	0.045756	0.082665	-0.015475	-0.063118
	0.012310	-0.039487	-0.017535	0.009556	-0.041382	-0.004602
	0.012430	0.005453	0.020817	-0.029553	0.021832	0.013246
	0.018375	-0.028296	0.000209	0.072148	0.016270	-0.015596
	-0.002869	0.021101	-0.007495	-0.066139	0.038638	0.013746
	-0.054378					
y221	-0.013929	-0.037477	-0.008451	0.019644	-0.010010	0.094874
	0.015139	0.109792	0.051900	0.022214	0.044311	-0.012999
	-0.001336	-0.010676	-0.068789	0.040497	-0.035875	0.050439
	-0.058640	0.052694	-0.093392	0.107609	0.004152	-0.082669
	0.043118	0.000650	-0.036897	-0.016631	0.046008	0.038699
	0.014126					

z221	0.019177	0.041963	0.033198	-0.038881	-0.034477	0.007120
	-0.057310	-0.095148	-0.012710	0.085861	0.012219	0.012057
	0.009272	-0.017971	-0.022520	-0.044910	-0.026595	0.046161
	-0.001811	0.070537	-0.000566	0.037014	-0.083664	-0.039551
	0.018440	0.030394	-0.047017	0.044006	-0.031777	-0.040454
	-0.021623					
x222	0.062718	0.007704	0.040446	0.084188	-0.018703	-0.051720
	0.012697	-0.025248	-0.012035	-0.007816	-0.038093	0.003422
	0.012214	-0.011479	0.011641	-0.010097	0.003573	0.031323
	0.007303	-0.017628	0.017321	0.070831	0.003863	-0.017804
	-0.019188	0.010937	-0.001866	-0.054407	0.039980	-0.003630
	-0.024250					
y222	-0.018133	-0.044930	-0.010807	0.010816	-0.008849	0.091712
	0.007312	0.112767	0.058110	0.023881	0.035673	-0.013325
	0.002797	-0.015185	-0.046124	0.064364	-0.039503	0.052611
	-0.051879	0.048005	-0.077805	0.097706	0.004807	-0.068638
	0.020328	0.019840	-0.034613	-0.003980	0.059112	0.026373
	0.011708					
z222	0.017865	0.042659	0.035842	-0.031192	-0.031718	0.017135
	-0.056556	-0.092978	-0.021325	0.078041	0.019786	-0.002439
	0.004842	-0.017861	-0.020506	-0.065126	-0.020545	0.033180
	-0.003750	0.063169	-0.015733	0.033210	-0.075579	-0.042772
	0.000057	0.015383	-0.049469	0.047544	-0.012467	-0.009739
	0.003963					
x223	0.061683	-0.001807	0.036905	0.084522	-0.020173	-0.043383
	0.008512	-0.009962	-0.004981	-0.015137	-0.034996	0.010572
	0.011846	-0.023473	0.005935	0.005837	-0.011280	0.039252
	0.006362	-0.008563	0.026587	0.088480	-0.008346	-0.018852
	-0.016073	0.007633	0.002756	-0.029662	0.020807	-0.010767
	-0.041712					
y223	-0.021351	-0.051008	-0.011667	0.001324	-0.007463	0.087978
	0.001048	0.114518	0.062716	0.028054	0.026193	-0.013531
	0.007085	-0.018731	-0.026020	0.079818	-0.039491	0.053448
	-0.044110	0.043526	-0.062655	0.089867	0.005793	-0.055614
	0.002358	0.035367	-0.027079	0.004904	0.061432	0.014801
	0.006180					
z223	0.015453	0.041906	0.037486	-0.024625	-0.027944	0.024893
	-0.056294	-0.086317	-0.025128	0.071385	0.026137	-0.013228
	0.000268	-0.016330	-0.020301	-0.076657	-0.017747	0.017414
	-0.004576	0.054369	-0.021083	0.039362	-0.069945	-0.043197
	-0.007630	0.003882	-0.037938	0.055425	-0.002639	0.015856
	-0.005139					

x224	0.059361	-0.010348	0.032388	0.081446	-0.020423	-0.035791
	0.005279	0.005754	0.002069	-0.020733	-0.029592	0.017427
	0.012485	-0.030687	0.001711	0.012692	-0.021262	0.041551
	0.006447	-0.000164	0.038844	0.107403	-0.016475	-0.021758
	-0.014990	0.007608	0.006059	-0.018360	0.019610	-0.002657
	-0.052340					
y224	-0.023923	-0.055122	-0.011014	-0.008790	-0.006011	0.083063
	-0.003480	0.112993	0.065631	0.032505	0.018831	-0.014530
	0.013279	-0.021187	-0.011356	0.087624	-0.035103	0.055049
	-0.038257	0.039113	-0.047924	0.082215	0.005655	-0.043799
	-0.009123	0.044873	-0.015918	0.008769	0.061510	0.003358
	-0.001327					
z224	0.009803	0.041514	0.037014	-0.022761	-0.021486	0.028312
	-0.055448	-0.076019	-0.025289	0.060245	0.034106	-0.021206
	0.000548	-0.015503	-0.021873	-0.086213	-0.013086	0.004491
	-0.002595	0.052201	-0.023138	0.050300	-0.064361	-0.039054
	-0.009332	-0.008017	-0.027092	0.055076	0.015609	0.035106
	-0.017789					
x225	0.057307	-0.017235	0.029617	0.079944	-0.024173	-0.029329
	0.005346	0.014219	0.003766	-0.022972	-0.026149	0.020584
	0.009841	-0.035389	-0.001766	0.017685	-0.030616	0.039297
	0.004801	0.003920	0.038017	0.116350	-0.012237	-0.030131
	-0.008774	0.012408	-0.003976	-0.019708	-0.006172	0.002750
	-0.059219					
y225	-0.024685	-0.057724	-0.008599	-0.016327	-0.005949	0.078511
	-0.005530	0.109485	0.064813	0.038886	0.012239	-0.016847
	0.017364	-0.021550	0.000204	0.088693	-0.029790	0.056374
	-0.034966	0.033650	-0.034468	0.072163	0.006189	-0.034936
	-0.019138	0.050408	-0.004113	0.004607	0.053105	-0.008132
	-0.004212					
z225	0.005213	0.039864	0.036186	-0.016419	-0.017996	0.030386
	-0.051851	-0.068224	-0.029026	0.051208	0.037893	-0.030519
	-0.005414	-0.013656	-0.023936	-0.085475	-0.019613	-0.008858
	-0.008091	0.041975	-0.028090	0.046923	-0.047836	-0.041938
	-0.015088	-0.009004	-0.030195	0.036460	0.010369	0.042522
	-0.013692					
x226	0.055990	-0.024389	0.027659	0.076391	-0.027008	-0.023634
	0.007311	0.021170	0.008558	-0.024585	-0.019888	0.027014
	0.007864	-0.034517	-0.003721	0.017160	-0.030509	0.043101
	0.001721	0.001468	0.047993	0.117017	-0.012262	-0.025223
	-0.009287	0.013254	0.003565	-0.011386	-0.021240	-0.008159
	-0.038028					

y226	-0.024578	-0.058873	-0.004344	-0.023322	-0.006511	0.073021
	-0.007472	0.103931	0.061458	0.047644	0.007636	-0.019752
	0.020900	-0.020341	0.006982	0.080839	-0.020169	0.057271
	-0.031105	0.027301	-0.023753	0.065333	0.007077	-0.029759
	-0.025102	0.050890	0.010272	-0.001470	0.042087	-0.018469
	-0.009964					
z226	0.000514	0.036902	0.035819	-0.009121	-0.013388	0.029405
	-0.049573	-0.059192	-0.029817	0.039587	0.042496	-0.032833
	-0.007284	-0.011282	-0.026001	-0.087131	-0.023236	-0.012584
	-0.009059	0.026564	-0.026563	0.045468	-0.030841	-0.029097
	-0.026407	-0.011751	-0.026643	0.036216	0.013942	0.029239
	0.011691					
x227	0.054336	-0.030509	0.027565	0.072141	-0.033527	-0.018334
	0.010506	0.025594	0.011312	-0.026134	-0.013611	0.035473
	0.004531	-0.038529	-0.007673	0.012176	-0.021395	0.045962
	-0.004320	0.010222	0.048906	0.114176	-0.007761	-0.027485
	-0.006869	0.009633	0.016060	-0.019567	-0.035521	-0.009675
	-0.023381					
y227	-0.023646	-0.058792	0.001257	-0.029436	-0.006475	0.066291
	-0.008116	0.096865	0.056089	0.056798	0.003909	-0.023465
	0.025094	-0.016673	0.009644	0.064065	-0.006486	0.058514
	-0.029183	0.021028	-0.015935	0.061116	0.011642	-0.022023
	-0.026116	0.048154	0.025716	-0.015812	0.022701	-0.023718
	-0.014634					
z227	-0.004385	0.034435	0.036873	-0.000580	-0.010080	0.028607
	-0.046618	-0.050456	-0.029817	0.023911	0.047686	-0.028689
	-0.008183	-0.012171	-0.033116	-0.085744	-0.020494	-0.015567
	-0.009272	0.026042	-0.028777	0.044424	-0.009564	-0.021223
	-0.036311	-0.019874	-0.022150	0.021320	0.024012	0.019666
	0.029948					
x228	0.053141	-0.034577	0.025809	0.067171	-0.039019	-0.014821
	0.016562	0.028481	0.011358	-0.022791	-0.004675	0.037012
	0.000997	-0.033449	-0.005473	0.011063	-0.007671	0.046744
	-0.004903	0.006353	0.052828	0.096457	-0.008420	-0.032423
	0.001601	0.005377	0.022694	-0.021547	-0.040463	-0.015670
	-0.022203					
y228	-0.021534	-0.057020	0.008496	-0.036459	-0.006792	0.060107
	-0.007434	0.087399	0.046250	0.068691	0.000440	-0.028167
	0.027709	-0.012210	0.007177	0.039490	0.007678	0.057580
	-0.028597	0.011299	-0.007280	0.057028	0.015372	-0.018591
	-0.020541	0.038671	0.044147	-0.034870	-0.004550	-0.026637
	-0.019164					

z228	-0.009238	0.032950	0.034729	0.007773	-0.005292	0.027105
	-0.041794	-0.039683	-0.032518	0.011073	0.051251	-0.028930
	-0.009422	-0.008752	-0.037744	-0.070635	-0.022323	-0.017808
	-0.005008	0.011793	-0.018536	0.030034	0.005111	-0.013087
	-0.038365	-0.033388	-0.019428	0.016174	0.043439	-0.002645
	0.034448					
x229	0.051975	-0.037067	0.025593	0.058487	-0.046175	-0.012129
	0.021467	0.026981	0.004579	-0.014154	0.000444	0.036466
	-0.007468	-0.030297	-0.003113	-0.005758	0.001936	0.038605
	0.001688	-0.000128	0.041935	0.085911	-0.009985	-0.038863
	0.023532	-0.008674	0.030842	-0.020220	-0.061301	-0.009768
	-0.037980					
y229	-0.018367	-0.053795	0.016430	-0.043119	-0.007569	0.052578
	-0.003329	0.076813	0.035205	0.082392	-0.000762	-0.034619
	0.029432	-0.006201	0.002152	0.012465	0.025389	0.057669
	-0.029611	-0.003420	0.000112	0.050114	0.017739	-0.020058
	-0.010011	0.025166	0.060510	-0.055669	-0.038053	-0.027705
	-0.029079					
z229	-0.013797	0.032181	0.033912	0.015452	-0.002076	0.024312
	-0.036649	-0.031418	-0.035871	-0.006126	0.052124	-0.026223
	-0.013704	-0.008876	-0.042339	-0.063855	-0.030822	-0.019824
	0.002599	-0.007834	-0.017966	0.021481	0.019246	-0.009949
	-0.035480	-0.050699	-0.017591	0.023243	0.053985	-0.018980
	0.025596					
x230	0.046644	-0.046679	0.025464	0.042971	-0.048037	-0.005089
	0.026063	0.024233	0.000440	-0.021432	0.004355	0.025932
	-0.014004	-0.027594	0.009392	-0.017692	0.009527	0.030876
	0.006097	-0.000801	0.037882	0.054335	-0.006542	-0.036251
	0.016807	-0.023800	0.036471	-0.023981	-0.056893	0.005403
	-0.024774					
y230	-0.019459	-0.054724	0.020479	-0.051115	0.001799	0.045513
	0.000098	0.062377	0.018868	0.076592	-0.002204	-0.045991
	0.022448	-0.008283	-0.001201	0.004452	0.023721	0.048435
	-0.035933	-0.016016	0.000309	0.028705	0.037637	-0.017931
	-0.021127	0.024654	0.061303	-0.060944	-0.036255	-0.014778
	-0.014604					
z230	-0.014221	0.035050	0.035813	0.024887	-0.002029	0.020707
	-0.034403	-0.022056	-0.021607	-0.004999	0.049471	-0.025821
	-0.015794	-0.000759	-0.044344	-0.050574	-0.016842	-0.016358
	0.017375	-0.014627	-0.010371	0.024875	0.018439	0.008377
	-0.035142	-0.047596	-0.013239	0.007935	0.048710	-0.017105
	-0.000882					

x231	0.041413	-0.056014	0.025792	0.026821	-0.048520	-0.000199
	0.033847	0.024540	-0.002869	-0.026317	0.005311	0.021710
	-0.017075	-0.027601	0.020280	-0.021468	0.014286	0.027307
	-0.003352	-0.003345	0.034236	0.025311	-0.001899	-0.042068
	0.018380	-0.034303	0.034621	-0.020527	-0.057782	0.017226
	-0.018051					
y231	-0.019912	-0.054705	0.024677	-0.056820	0.011471	0.038778
	0.003447	0.048774	0.004657	0.073204	-0.002998	-0.055721
	0.013864	-0.009363	-0.006489	-0.007961	0.022273	0.036107
	-0.038946	-0.026224	-0.001530	0.011572	0.049880	-0.016025
	-0.029468	0.026596	0.060500	-0.066326	-0.030670	-0.008229
	0.000903					
z231	-0.015572	0.035915	0.038882	0.030385	-0.000442	0.013690
	-0.023792	-0.007994	-0.010697	-0.002361	0.046169	-0.021674
	-0.017657	0.006429	-0.047100	-0.037751	-0.011771	-0.013009
	0.015266	-0.025872	-0.011110	0.026222	0.019462	0.011063
	-0.025972	-0.038609	-0.017747	-0.008204	0.031092	-0.017593
	-0.029670					
x232	0.036711	-0.065266	0.025161	0.011671	-0.046492	0.004466
	0.037544	0.022800	-0.005214	-0.026513	0.011609	0.019515
	-0.020357	-0.026237	0.029713	-0.032331	0.018316	0.014767
	-0.002743	-0.001816	0.031547	0.009805	-0.004312	-0.036303
	0.022849	-0.038719	0.029684	-0.010267	-0.053355	0.023009
	-0.003927					
y232	-0.019761	-0.054124	0.028506	-0.060271	0.018727	0.031844
	0.007026	0.036967	-0.005819	0.069216	-0.006128	-0.062352
	0.007878	-0.014083	-0.008664	-0.014796	0.020539	0.027627
	-0.043092	-0.031223	-0.006217	-0.001903	0.058595	-0.016232
	-0.036502	0.028022	0.061634	-0.070757	-0.025136	-0.004429
	0.008510					
z232	-0.016905	0.035032	0.041821	0.033589	0.001868	0.009730
	-0.014632	-0.000013	-0.001449	0.000068	0.049613	-0.019526
	-0.017926	0.010816	-0.043991	-0.032922	-0.007745	-0.010681
	0.023768	-0.034472	-0.011628	0.033085	0.011905	0.018495
	-0.012495	-0.031553	-0.021101	-0.009918	0.026968	-0.018005
	-0.042473					
x233	0.031224	-0.073605	0.025736	0.000265	-0.046684	0.009629
	0.035758	0.022426	-0.007197	-0.025834	0.011537	0.017740
	-0.027958	-0.021613	0.035707	-0.033418	0.022714	0.003869
	-0.002108	0.000323	0.031969	-0.000041	0.009645	-0.031221
	0.016852	-0.029372	0.030664	-0.002003	-0.048652	0.024873
	0.000835					

y233	-0.018618	-0.051833	0.029377	-0.062461	0.026975	0.027539
	0.007425	0.024705	-0.012198	0.065643	-0.007085	-0.064909
	0.006810	-0.020005	-0.010546	-0.019814	0.022820	0.017674
	-0.044737	-0.029924	-0.003924	-0.019521	0.060395	-0.006053
	-0.035969	0.022964	0.056749	-0.071671	-0.022180	-0.008435
	0.030553					
z233	-0.018568	0.032792	0.044207	0.037675	0.001442	0.009012
	-0.014597	0.004837	0.005268	-0.002890	0.046439	-0.018946
	-0.016763	0.015545	-0.030715	-0.016657	-0.004535	-0.015685
	0.022024	-0.036011	-0.008481	0.039295	0.021989	0.023188
	-0.011253	-0.020701	-0.012637	-0.020188	0.015251	-0.023690
	-0.059870					
x234	0.028121	-0.081562	0.025108	-0.010630	-0.045839	0.014076
	0.036181	0.025188	-0.007858	-0.021526	0.015397	0.018929
	-0.034424	-0.015765	0.036604	-0.041913	0.026832	-0.002721
	-0.006028	0.006337	0.034421	-0.017672	0.006108	-0.023504
	0.015345	-0.031649	0.028182	0.000119	-0.040255	0.025759
	0.019902					
y234	-0.017809	-0.049485	0.030666	-0.061478	0.033423	0.020807
	0.007868	0.012877	-0.016588	0.063205	-0.013057	-0.063637
	0.008790	-0.032299	-0.010689	-0.021141	0.020293	0.007868
	-0.046271	-0.023894	-0.006978	-0.017763	0.064441	-0.006053
	-0.037608	0.023791	0.051622	-0.066798	-0.018386	-0.011752
	0.025303					
z234	-0.017769	0.028959	0.045244	0.041083	0.001350	0.010011
	-0.010170	0.010538	0.011487	-0.003620	0.047621	-0.017986
	-0.014672	0.021645	-0.015347	-0.012505	-0.004650	-0.018855
	0.013019	-0.034016	-0.005116	0.033970	0.016429	0.021095
	-0.002364	-0.028452	-0.011326	-0.029834	0.011856	-0.026213
	-0.051749					
x235	0.023615	-0.087273	0.024055	-0.019376	-0.045309	0.014566
	0.033820	0.021306	-0.008368	-0.019419	0.019284	0.019705
	-0.039854	-0.011242	0.031792	-0.043053	0.033561	-0.004852
	0.002110	0.013941	0.034777	-0.026691	0.009219	-0.010555
	0.002265	-0.026570	0.024841	-0.004534	-0.038928	0.019355
	0.035626					
y235	-0.016023	-0.046230	0.031096	-0.058495	0.039942	0.017409
	0.007106	0.005111	-0.017488	0.062333	-0.018154	-0.059630
	0.010306	-0.042110	-0.011011	-0.022421	0.020956	-0.003125
	-0.044797	-0.017851	-0.005377	-0.022440	0.061558	0.002383
	-0.031461	0.026487	0.042976	-0.056005	-0.010503	-0.017551
	0.026862					

z235	-0.019301	0.023344	0.046401	0.041420	-0.001085	0.009024
	-0.007903	0.008722	0.016842	-0.010075	0.051213	-0.017424
	-0.011989	0.025537	-0.000578	-0.005956	-0.003281	-0.014503
	0.020161	-0.031630	-0.006050	0.036503	0.023738	0.026517
	-0.004830	-0.025397	-0.005076	-0.051333	-0.009153	-0.023054
	-0.040915					
x236	0.019543	-0.092380	0.020552	-0.027252	-0.043509	0.019734
	0.032269	0.018543	-0.006259	-0.009081	0.017798	0.025052
	-0.045909	-0.009537	0.023786	-0.043894	0.034198	-0.013184
	-0.002410	0.024692	0.040849	-0.034035	0.008500	-0.000777
	0.000508	-0.019617	0.023578	0.007153	-0.033093	0.015614
	0.047605					
y236	-0.013342	-0.042279	0.032620	-0.052950	0.045130	0.010546
	0.005175	0.001142	-0.013741	0.060923	-0.023339	-0.052509
	0.013856	-0.051766	-0.013018	-0.021102	0.025725	-0.007705
	-0.037132	-0.009146	-0.007326	-0.021487	0.056428	0.010979
	-0.025733	0.029597	0.028431	-0.048284	-0.003976	-0.033166
	0.022718					
z236	-0.020833	0.017384	0.047848	0.040873	-0.001271	0.013910
	0.000002	0.009041	0.015086	-0.007815	0.048263	-0.018872
	-0.016030	0.033574	0.005609	-0.005784	-0.013057	-0.007895
	0.016704	-0.039863	-0.002860	0.026398	0.027845	0.012869
	0.008778	-0.033332	-0.001940	-0.044343	-0.022949	-0.003503
	-0.035290					
x237	0.015993	-0.095638	0.018288	-0.033219	-0.040640	0.020802
	0.031888	0.015349	-0.001605	-0.000844	0.020003	0.029327
	-0.051508	-0.013336	0.011329	-0.040055	0.044348	-0.016641
	-0.002120	0.036386	0.034905	-0.033998	-0.000654	0.009064
	-0.009819	0.000225	0.015191	0.003750	-0.020389	-0.006214
	0.055491					
y237	-0.010524	-0.038182	0.033137	-0.044912	0.050283	0.004949
	0.002013	-0.003208	-0.007919	0.063884	-0.029048	-0.041428
	0.017483	-0.057263	-0.012304	-0.023138	0.026102	-0.019119
	-0.034756	0.004515	-0.002800	-0.018071	0.049844	0.022387
	-0.019604	0.031079	0.014240	-0.031335	-0.001119	-0.039461
	0.025184					
z237	-0.022881	0.013225	0.049008	0.038829	-0.002569	0.013084
	0.007085	0.009258	0.018296	-0.009871	0.051860	-0.022026
	-0.019523	0.028059	0.012728	-0.004213	-0.011223	-0.005203
	0.013780	-0.044171	-0.011520	0.027209	0.025503	-0.001224
	0.007814	-0.027489	-0.001691	-0.060900	-0.037525	0.000167
	-0.033596					

x238	0.013628	-0.099784	0.015245	-0.037762	-0.038363	0.023247
	0.028416	0.014176	0.006977	0.012311	0.018496	0.040063
	-0.058049	-0.012043	-0.002133	-0.028830	0.055059	-0.013887
	-0.004631	0.047695	0.042246	-0.032790	-0.003832	0.029332
	-0.015284	0.020025	0.004467	0.013464	-0.010717	-0.023527
	0.062450					
y238	-0.008434	-0.031985	0.032765	-0.036262	0.054447	0.001588
	-0.004336	-0.008439	-0.004487	0.066410	-0.036250	-0.028272
	0.022682	-0.071150	-0.015587	-0.032478	0.020554	-0.034011
	-0.024206	0.024353	-0.000624	-0.006025	0.036270	0.032802
	-0.011622	0.029587	0.005996	-0.022182	0.003871	-0.050436
	0.025428					
z238	-0.023655	0.005567	0.049366	0.036990	-0.004854	0.014991
	0.013242	0.008902	0.022428	-0.009677	0.051114	-0.021392
	-0.022579	0.028476	0.026392	0.004775	-0.012066	0.009023
	0.002761	-0.049960	-0.006506	0.014797	0.028517	-0.009257
	0.012774	-0.033750	-0.006301	-0.059641	-0.055803	0.005530
	-0.029679					
x239	0.012695	-0.101289	0.008562	-0.043172	-0.029600	0.024350
	0.026251	0.000217	0.015209	0.023111	0.022778	0.041373
	-0.046251	-0.011700	-0.006159	-0.025691	0.060599	-0.015914
	0.011957	0.041389	0.050903	-0.043781	-0.009168	0.033264
	-0.002084	-0.002829	-0.013841	0.031929	0.009384	-0.014656
	0.045096					
y239	-0.002106	-0.024190	0.031609	-0.025056	0.062963	-0.008707
	-0.007563	-0.013936	-0.006425	0.057608	-0.040120	-0.026208
	0.035550	-0.071556	-0.016006	-0.033381	0.015948	-0.036715
	-0.004581	0.022387	0.008831	-0.005882	0.033893	0.038665
	0.007605	0.009682	0.000864	-0.004061	0.009879	-0.027613
	0.007696					
z239	-0.027499	-0.002631	0.049737	0.033130	-0.005236	0.020744
	0.016188	0.009842	0.021982	-0.010182	0.045147	-0.017889
	-0.031049	0.020709	0.031178	0.005797	-0.016207	0.014518
	-0.013485	-0.045094	-0.007872	0.011735	0.027842	-0.006159
	0.008417	-0.026977	-0.006288	-0.065859	-0.067469	-0.005675
	-0.001347					
x240	0.010926	-0.102109	0.002463	-0.046928	-0.020601	0.023732
	0.026746	-0.011963	0.022064	0.033312	0.028134	0.039342
	-0.034102	-0.009530	-0.008633	-0.019255	0.067027	-0.016398
	0.025588	0.035532	0.055768	-0.052561	-0.016730	0.035633
	0.005799	-0.014527	-0.031061	0.046293	0.017453	-0.004905
	0.023276					

y240	0.004150	-0.017399	0.031571	-0.019189	0.068987	-0.013692
	-0.010499	-0.018094	-0.005354	0.052049	-0.048280	-0.020684
	0.041781	-0.079098	-0.017123	-0.038575	0.005463	-0.041689
	0.004911	0.017742	0.017173	-0.003782	0.027663	0.042523
	0.026239	-0.009055	0.001152	0.000745	0.018721	-0.015326
	-0.005702					
z240	-0.030918	-0.009250	0.048978	0.035422	-0.003200	0.022023
	0.020299	0.009357	0.020649	-0.011857	0.047535	-0.014971
	-0.031766	0.022665	0.038707	0.007934	-0.012785	0.010243
	-0.019783	-0.033594	-0.013542	0.015652	0.027875	0.001936
	-0.001058	-0.013636	-0.006262	-0.062845	-0.078122	-0.001767
	0.011152					
x241	0.010235	-0.101938	-0.005206	-0.050723	-0.012562	0.024757
	0.025020	-0.022424	0.030795	0.045422	0.031574	0.037427
	-0.024627	-0.010057	-0.006245	-0.010262	0.074080	-0.022098
	0.034585	0.032085	0.058578	-0.054423	-0.028224	0.040285
	0.018437	-0.025323	-0.040655	0.052561	0.032707	0.000513
	0.004799					
y241	0.007519	-0.008498	0.034577	-0.009648	0.073254	-0.023586
	-0.008273	-0.021334	-0.012620	0.040610	-0.049226	-0.019310
	0.044573	-0.076570	-0.021411	-0.042972	-0.006597	-0.040017
	0.018475	0.009830	0.018587	-0.008954	0.027180	0.040444
	0.029403	-0.025795	-0.002244	0.004935	0.020531	-0.008808
	-0.012075					
z241	-0.031710	-0.018552	0.043072	0.030779	0.000354	0.028264
	0.018544	0.002778	0.029816	-0.013026	0.045057	-0.006433
	-0.029921	0.010600	0.058627	0.016782	-0.003808	-0.005855
	-0.035937	-0.014934	-0.015159	0.027464	0.019138	0.013765
	0.009591	-0.008113	-0.001079	-0.067653	-0.077610	-0.003346
	0.016126					
x242	0.009132	-0.100011	-0.011669	-0.051430	-0.005002	0.023416
	0.027013	-0.027906	0.035029	0.056067	0.034056	0.032953
	-0.018627	-0.007804	-0.008712	-0.001039	0.075884	-0.025133
	0.047145	0.027199	0.058433	-0.056075	-0.038612	0.038161
	0.024335	-0.030814	-0.049027	0.052901	0.039263	0.002305
	-0.009061					
y242	0.009921	-0.000122	0.035140	-0.000675	0.077864	-0.033363
	-0.006302	-0.027896	-0.018117	0.027389	-0.046364	-0.016465
	0.047524	-0.075265	-0.024792	-0.042214	-0.012656	-0.039858
	0.029415	0.003066	0.010910	-0.016016	0.027947	0.038305
	0.033725	-0.041748	-0.003052	-0.000059	0.022844	-0.005707
	-0.008454					

z242	-0.031773	-0.026623	0.043960	0.029339	0.001421	0.032332
	0.021239	0.005597	0.034570	-0.011637	0.037240	-0.004311
	-0.034959	0.003363	0.066129	0.017299	-0.002725	-0.011694
	-0.036367	-0.003976	-0.009691	0.030008	0.011019	0.015096
	0.010088	0.005339	0.007710	-0.054906	-0.074262	0.000969
	0.008425					
x243	0.007951	-0.096511	-0.017403	-0.049590	0.002071	0.021126
	0.029559	-0.032730	0.039766	0.067789	0.034971	0.026760
	-0.013438	-0.002096	-0.013776	0.008634	0.075872	-0.024565
	0.061435	0.018495	0.055924	-0.056335	-0.049372	0.039550
	0.027923	-0.033329	-0.048250	0.045401	0.037749	0.006468
	-0.024447					
y243	0.014579	0.006295	0.038553	0.002330	0.077842	-0.033457
	-0.007556	-0.025661	-0.013729	0.024932	-0.047181	-0.006557
	0.045680	-0.078015	-0.017833	-0.042954	-0.018443	-0.045094
	0.026562	-0.001375	0.026246	-0.011675	0.027103	0.042936
	0.044258	-0.042674	-0.005912	0.005344	0.019122	0.008856
	-0.000936					
z243	-0.035469	-0.032802	0.042388	0.027441	0.005701	0.029606
	0.028046	0.003345	0.034324	-0.017048	0.030148	-0.006897
	-0.039715	0.002992	0.058224	0.020642	0.004407	-0.001109
	-0.023541	0.002040	-0.029959	0.027819	0.001729	0.006785
	-0.002341	0.016839	0.021603	-0.052879	-0.066225	0.007064
	-0.015169					
x244	0.006796	-0.091452	-0.024573	-0.045472	0.009216	0.020387
	0.032664	-0.032439	0.042447	0.079481	0.034739	0.018008
	-0.010773	0.001476	-0.017291	0.023133	0.075063	-0.023180
	0.077062	0.011543	0.053901	-0.049315	-0.061840	0.036294
	0.027172	-0.032886	-0.048034	0.033030	0.042929	0.006168
	-0.030118					
y244	0.018663	0.011009	0.043650	0.003985	0.074666	-0.035948
	-0.005937	-0.026747	-0.011212	0.018868	-0.047816	0.001275
	0.045254	-0.078940	-0.017436	-0.042337	-0.028003	-0.045305
	0.021374	-0.012082	0.015633	-0.016794	0.028830	0.047850
	0.050934	-0.034827	0.003047	0.008832	0.009596	0.000582
	-0.019112					
z244	-0.037466	-0.038453	0.042051	0.027425	0.011258	0.023992
	0.031767	0.000253	0.036095	-0.023228	0.022532	-0.005116
	-0.045200	0.002280	0.054274	0.024130	0.012171	-0.000374
	-0.007606	0.011282	-0.013200	0.027280	-0.011055	0.003455
	-0.007679	0.011574	0.020859	-0.056648	-0.059011	0.038842
	0.004410					

x245	0.004893	-0.084334	-0.031746	-0.038285	0.015247	0.016858
	0.037822	-0.031085	0.039932	0.089767	0.035486	0.007116
	-0.009573	0.008620	-0.022389	0.040345	0.070313	-0.024388
	0.089975	0.005974	0.041199	-0.045854	-0.070011	0.030225
	0.024895	-0.031033	-0.040482	0.017230	0.039098	0.001822
	-0.033542					
y245	0.019236	0.019946	0.049060	0.007199	0.070821	-0.046212
	-0.000116	-0.029983	-0.022060	0.000413	-0.040127	0.002316
	0.037808	-0.076673	-0.012622	-0.039836	-0.033034	-0.045348
	0.023836	-0.015166	-0.000105	-0.016995	0.030125	0.034619
	0.043766	-0.047313	-0.002976	-0.012798	0.010779	-0.004902
	-0.019363					
z245	-0.036352	-0.049309	0.040923	0.030849	0.017521	0.024730
	0.035266	0.001922	0.047705	-0.022694	0.007583	0.000487
	-0.048624	-0.001747	0.043159	0.026274	0.012456	0.003054
	0.007664	0.013888	-0.003600	0.014432	-0.019586	0.012238
	-0.008421	0.012699	0.033074	-0.034729	-0.061141	0.040291
	0.010639					
x246	0.003572	-0.075831	-0.038646	-0.029877	0.020889	0.013878
	0.043286	-0.026993	0.039430	0.101415	0.033220	-0.003154
	-0.010537	0.016413	-0.030051	0.058718	0.064218	-0.024063
	0.100423	0.001587	0.031228	-0.035567	-0.080283	0.024668
	0.017743	-0.029600	-0.025270	-0.003252	0.029579	-0.000101
	-0.032552					
y246	0.019790	0.026708	0.055435	0.004629	0.064949	-0.046409
	0.003359	-0.029723	-0.017371	-0.009246	-0.034916	0.009186
	0.027207	-0.071606	-0.010633	-0.041220	-0.032871	-0.041675
	0.020305	-0.018492	0.001388	-0.020057	0.026121	0.040008
	0.039388	-0.048059	0.007772	-0.022254	0.001980	-0.005721
	-0.019463					
z246	-0.034872	-0.058186	0.039442	0.035300	0.023428	0.017828
	0.042785	0.002318	0.047092	-0.024682	-0.006490	0.002679
	-0.049525	-0.006739	0.035165	0.034449	0.011492	0.003283
	0.031509	0.015198	-0.008312	0.006372	-0.028888	0.004397
	-0.014523	0.017363	0.038216	-0.030309	-0.050809	0.052680
	0.007923					
x247	0.002192	-0.066946	-0.044242	-0.018948	0.026752	0.010462
	0.048741	-0.019858	0.036009	0.107870	0.031222	-0.015751
	-0.012030	0.023352	-0.034820	0.077593	0.054542	-0.024400
	0.116022	-0.009780	0.025638	-0.029084	-0.088612	0.010288
	0.018079	-0.011989	-0.012798	-0.032452	0.017930	-0.010124
	-0.021859					

y247	0.020806	0.032294	0.063259	0.003026	0.055650	-0.046724
	0.007585	-0.023883	-0.017128	-0.021909	-0.024100	0.014110
	0.015860	-0.069103	-0.002715	-0.040340	-0.033513	-0.042982
	0.013717	-0.029207	-0.003194	-0.030624	0.020293	0.033579
	0.031234	-0.021761	0.006666	-0.031695	-0.001285	-0.017659
	-0.014490					
z247	-0.035170	-0.063958	0.035980	0.040643	0.030022	0.011169
	0.049703	0.000165	0.053377	-0.023316	-0.024574	0.003454
	-0.053007	-0.010441	0.018016	0.043955	0.014180	0.005962
	0.057852	0.031080	-0.013209	0.005931	-0.034706	0.003791
	-0.020264	0.003895	0.060724	-0.019056	-0.044300	0.064375
	-0.013897					
x248	0.005737	-0.053220	-0.041906	-0.021657	0.024561	0.014338
	0.047783	-0.040196	0.021025	0.104438	0.031203	-0.012447
	-0.002043	0.013256	-0.034149	0.069493	0.040688	-0.036962
	0.082791	-0.013565	0.029074	-0.041421	-0.077922	0.014816
	0.018739	-0.015889	0.004522	-0.051903	0.001478	-0.014361
	-0.016058					
y248	0.021552	0.037018	0.067671	-0.003572	0.051901	-0.044725
	0.008048	-0.021379	-0.013658	-0.045216	-0.014684	0.018659
	0.011812	-0.067343	0.006478	-0.030808	-0.034996	-0.046980
	0.006799	-0.030357	-0.009161	-0.017743	0.018914	0.018972
	0.038937	-0.010006	0.001897	-0.037137	-0.001074	-0.018056
	-0.018383					
z248	-0.030860	-0.070937	0.035944	0.039793	0.034231	0.010869
	0.044153	-0.007362	0.051979	-0.015692	-0.037469	0.003531
	-0.047900	-0.000139	0.010030	0.050606	0.015944	0.000947
	0.042324	0.036969	-0.014335	-0.005424	-0.022724	-0.002580
	-0.021421	-0.003443	0.066884	-0.003150	-0.030712	0.061821
	0.002372					
x249	0.007814	-0.037555	-0.041074	-0.024682	0.020034	0.015849
	0.042083	-0.054969	0.007869	0.101045	0.031945	-0.007465
	0.003845	0.009599	-0.032887	0.062449	0.031453	-0.051080
	0.045055	-0.009585	0.033766	-0.050474	-0.068086	0.007441
	0.013727	-0.014336	0.023327	-0.061530	-0.014640	-0.009954
	0.001042					
y249	0.021517	0.038086	0.070887	-0.013421	0.045006	-0.040189
	0.004148	-0.019826	-0.005933	-0.060733	-0.010757	0.029787
	0.010489	-0.060888	0.013291	-0.025052	-0.035478	-0.052968
	-0.011799	-0.025965	-0.007196	-0.010873	0.013784	0.005917
	0.050049	-0.002485	-0.001922	-0.037014	0.000091	-0.013538
	-0.008064					

z249	-0.024343	-0.076864	0.038480	0.043702	0.041187	0.010230
	0.049167	-0.015897	0.046186	-0.016303	-0.047184	-0.001211
	-0.040196	0.002462	0.005875	0.053757	0.011992	0.001227
	0.038540	0.033903	-0.020936	-0.009942	-0.021273	0.012776
	-0.017081	-0.022379	0.059493	-0.000036	-0.027017	0.051697
	0.006796					
x250	0.010403	-0.021215	-0.041289	-0.023494	0.015807	0.017976
	0.041317	-0.063151	0.001125	0.094955	0.036904	-0.001048
	0.008252	0.004208	-0.028614	0.061506	0.017013	-0.062568
	0.021957	-0.002718	0.033045	-0.057257	-0.077498	0.020979
	0.001979	-0.020843	0.032063	-0.070650	-0.023876	-0.017913
	0.009440					
y250	0.021108	0.038019	0.072609	-0.019797	0.039967	-0.035592
	0.001405	-0.019905	0.004141	-0.072130	-0.000526	0.035085
	0.007586	-0.059073	0.019282	-0.012885	-0.035267	-0.058525
	-0.021171	-0.022574	-0.008746	-0.000139	0.010395	-0.000557
	0.048025	0.006843	-0.008454	-0.030296	-0.001273	-0.012533
	-0.001366					
z250	-0.019269	-0.079618	0.040649	0.045370	0.045266	0.010414
	0.044436	-0.021802	0.029563	-0.014673	-0.061072	-0.006314
	-0.033963	0.009121	-0.001601	0.045168	0.014048	0.000723
	0.020671	0.032120	-0.022205	-0.008188	-0.004788	-0.002644
	-0.007307	-0.029473	0.061319	0.014011	-0.012074	0.051458
	0.015022					
x251	0.013556	-0.005577	-0.038818	-0.022955	0.013556	0.020757
	0.038230	-0.068911	-0.009364	0.085001	0.039247	0.003286
	0.006378	0.010753	-0.030953	0.054473	0.004827	-0.057877
	0.001844	-0.005224	0.032565	-0.060860	-0.081678	0.024167
	-0.010630	-0.027875	0.025800	-0.072850	-0.027206	-0.019530
	0.035874					
y251	0.019365	0.038319	0.074189	-0.023434	0.035108	-0.036935
	0.000916	-0.023601	0.001698	-0.083725	0.011606	0.036738
	0.001676	-0.054184	0.012590	-0.007541	-0.038235	-0.049425
	-0.023323	-0.020087	-0.023490	-0.006160	0.005919	-0.024254
	0.042833	0.010081	-0.022040	-0.032588	0.015692	-0.034536
	0.019536					
z251	-0.014729	-0.080410	0.041465	0.049369	0.047009	0.010366
	0.044642	-0.019887	0.022101	-0.008092	-0.071445	-0.010313
	-0.028126	0.001756	0.002116	0.038846	0.011818	-0.015207
	-0.000230	0.037949	-0.019621	0.000139	-0.007322	-0.003328
	0.008166	-0.020239	0.072228	0.024158	-0.009372	0.050515
	-0.004258					

x252	0.014284	0.011283	-0.037820	-0.021631	0.012577	0.022304
	0.039041	-0.065045	-0.019692	0.074664	0.045457	0.008172
	-0.001322	0.018901	-0.022647	0.039946	-0.001983	-0.063275
	-0.013570	-0.007845	0.044850	-0.038807	-0.083414	0.020966
	-0.010094	-0.029654	0.024681	-0.069290	-0.030465	-0.005235
	0.046779					
y252	0.016612	0.036086	0.077551	-0.034068	0.028140	-0.030561
	-0.001186	-0.018838	0.012942	-0.082965	0.010361	0.040981
	-0.005016	-0.061325	0.019172	-0.005921	-0.035215	-0.048326
	-0.032571	-0.016938	-0.003861	0.000479	-0.008777	-0.021609
	0.050425	0.013127	-0.013804	-0.014398	0.021571	-0.008354
	0.001892					
z252	-0.009436	-0.076831	0.042638	0.055863	0.049398	0.007639
	0.043494	-0.024790	0.004555	-0.011823	-0.076738	-0.014934
	-0.017518	-0.002118	-0.013209	0.040342	0.008224	-0.012046
	-0.009480	0.046103	-0.032058	-0.017117	-0.015059	-0.008182
	0.012580	-0.028377	0.058986	0.032610	0.005109	0.008277
	0.005979					
x253	0.015640	0.027101	-0.036503	-0.017720	0.011428	0.022351
	0.033752	-0.060764	-0.030357	0.061306	0.047235	0.011470
	-0.007733	0.024062	-0.015605	0.027122	-0.008340	-0.071241
	-0.024628	-0.014869	0.039753	-0.028764	-0.092206	0.016237
	0.009159	-0.011948	0.012475	-0.068475	-0.015349	-0.010726
	0.045899					
y253	0.013835	0.032646	0.077614	-0.040615	0.019378	-0.029900
	-0.005885	-0.022745	0.015641	-0.084703	0.010772	0.040260
	-0.006811	-0.061396	0.016719	-0.002617	-0.033490	-0.055294
	-0.043151	-0.012737	-0.014462	-0.011579	-0.023381	-0.018307
	0.057855	0.012190	-0.008576	-0.005994	0.049072	-0.011088
	-0.017548					
z253	-0.003813	-0.070256	0.044050	0.061187	0.051430	0.008905
	0.048970	-0.020659	-0.009435	-0.008617	-0.077450	-0.015933
	-0.015528	-0.002706	-0.023865	0.034293	0.003694	-0.001481
	-0.020384	0.058155	-0.024849	-0.009444	-0.025780	-0.013290
	-0.000687	-0.051642	0.044725	0.045841	-0.009468	-0.000502
	0.031819					
x254	0.016780	0.040124	-0.033887	-0.011199	0.008867	0.023114
	0.028407	-0.054826	-0.033428	0.045722	0.053807	0.016725
	-0.014913	0.022161	-0.010720	0.015673	-0.021670	-0.058692
	-0.039758	-0.009883	0.036745	-0.017417	-0.100580	0.020189
	0.007374	-0.003509	-0.008220	-0.069624	-0.024682	-0.000050
	0.083061					

y254	0.012075	0.024040	0.072728	-0.044373	0.012507	-0.021198
	-0.015227	-0.032157	0.028746	-0.063806	0.022748	0.046422
	-0.008733	-0.082916	0.000402	-0.001845	-0.039508	-0.042351
	-0.052419	-0.001044	-0.018630	-0.009649	-0.015153	-0.011551
	0.066326	0.040843	-0.012972	0.007968	0.043789	0.019949
	0.020102					
z254	-0.000775	-0.058751	0.048918	0.068794	0.050676	0.006447
	0.054501	-0.002470	-0.036462	-0.019900	-0.090991	-0.024645
	-0.016879	0.018451	-0.021199	0.020982	0.010582	-0.026873
	-0.024050	0.064014	-0.023255	-0.005293	-0.050020	-0.028295
	-0.013144	-0.065299	0.037173	0.055751	0.032283	-0.030728
	-0.027935					
x255	0.015439	0.054103	-0.032709	-0.005513	0.007295	0.023723
	0.025562	-0.043103	-0.039996	0.023423	0.053083	0.015354
	-0.020529	0.028621	0.000119	0.000711	-0.027903	-0.046324
	-0.054188	-0.007651	0.028076	-0.006493	-0.111235	0.032819
	0.004467	0.003821	-0.033112	-0.059721	0.000271	0.001753
	0.107349					
y255	0.004723	0.016044	0.070142	-0.045225	0.004593	-0.024097
	-0.018666	-0.039047	0.022729	-0.068516	0.022253	0.039829
	-0.005669	-0.083460	-0.002299	-0.006010	-0.040917	-0.051171
	-0.061951	0.008334	-0.045371	-0.026833	-0.015122	0.001924
	0.053393	0.038719	-0.015748	0.011621	0.091217	0.028347
	-0.007382					
z255	0.006767	-0.045297	0.050605	0.078052	0.051618	0.008174
	0.058685	0.013444	-0.054090	-0.012339	-0.088361	-0.019564
	-0.021709	0.017642	-0.032949	0.007994	0.005342	-0.033987
	-0.023100	0.074688	-0.007559	0.016496	-0.074442	-0.052078
	-0.001641	-0.059000	0.020080	0.064169	0.014465	-0.044603
	-0.038000					
x256	0.014884	0.068302	-0.031370	0.001066	0.006566	0.024703
	0.026003	-0.025222	-0.041633	-0.004819	0.049904	0.015448
	-0.015946	0.032072	0.015097	-0.011669	-0.015017	-0.032500
	-0.049628	-0.006666	0.030573	0.011270	-0.118604	0.023889
	0.004088	0.013663	-0.065774	-0.056390	0.026550	0.010398
	0.122907					
y256	-0.001549	0.006576	0.068123	-0.049277	-0.006319	-0.023621
	-0.022838	-0.046579	0.025472	-0.067964	0.012217	0.030501
	0.004225	-0.092673	-0.001132	-0.014171	-0.034578	-0.065874
	-0.069098	0.022030	-0.059898	-0.045094	-0.024978	0.008257
	0.036941	0.030633	-0.005904	0.007877	0.145769	0.044173
	-0.042722					

z256	0.014594	-0.025939	0.052178	0.091642	0.053968	0.008175
	0.059760	0.023894	-0.080998	0.004937	-0.067509	-0.014065
	-0.044937	0.017398	-0.058955	-0.010719	-0.012670	-0.022157
	-0.030565	0.082796	-0.003947	0.044495	-0.101776	-0.062511
	0.011376	-0.051318	-0.002866	0.094936	-0.012775	-0.087757
	-0.003150					

New Procrustes fit:

Dataset 'RawData_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.04172593	-0.02923168	-0.00750795
2	-0.04251908	-0.05420257	0.00304005
3	-0.04126847	-0.05484209	0.00008498
4	-0.03910023	-0.05562181	-0.00249340
5	-0.03642497	-0.05634588	-0.00462367
6	-0.03359124	-0.05684300	-0.00658336
7	-0.03054056	-0.05721822	-0.00841059
8	-0.02716034	-0.05732511	-0.01013546
9	-0.02344911	-0.05729398	-0.01163060
10	-0.01946361	-0.05708299	-0.01315988
11	-0.01525041	-0.05679326	-0.01463634
12	-0.01066337	-0.05626422	-0.01561387
13	-0.00619085	-0.05559289	-0.01631643
14	-0.00186483	-0.05477467	-0.01664926

15	0.00236779	-0.05369590	-0.01668048
16	0.00648988	-0.05255150	-0.01627848
17	0.01050299	-0.05113297	-0.01551211
18	0.01444652	-0.04951569	-0.01426513
19	0.01813050	-0.04772112	-0.01253844
20	0.02174538	-0.04584847	-0.01047283
21	0.02625809	-0.04319102	-0.00702982
22	0.02981450	-0.04050670	-0.00331575
23	0.03254597	-0.03782729	0.00084242
24	0.03395177	-0.03532073	0.00562826
25	0.03403362	-0.03320681	0.01093639
26	0.03319587	-0.03112669	0.01684088
27	0.03142472	-0.02880634	0.02332037
28	0.02857846	-0.02670469	0.03044549
29	0.02419643	-0.02541617	0.03783219
30	0.01896593	-0.02461685	0.04222371
31	0.01260709	-0.02524665	0.04499240
32	0.00619402	-0.02666534	0.04601145
33	0.00001368	-0.02827471	0.04610936
34	-0.00617676	-0.03004423	0.04537554
35	-0.01257852	-0.03203542	0.04384884
36	-0.01929576	-0.03427850	0.04139794
37	-0.02645339	-0.03678940	0.03794333
38	-0.03228898	-0.04026320	0.03278145
39	-0.03351694	-0.04213340	0.02969095
40	-0.03430307	-0.04411583	0.02630559
41	-0.03507660	-0.04600978	0.02288624
42	-0.03603371	-0.04773414	0.01958399

43	-0.03732682	-0.04923365	0.01637292
44	-0.03901794	-0.05047880	0.01312269
45	-0.04091784	-0.05154451	0.00972032
46	-0.04232038	-0.05273267	0.00616115
47	-0.06217772	-0.05914791	-0.00023532
48	-0.06039966	-0.05942617	-0.00203751
49	-0.05835830	-0.05971314	-0.00385163
50	-0.05601653	-0.06002837	-0.00571877
51	-0.05341609	-0.06028707	-0.00756384
52	-0.05053662	-0.06048077	-0.00937950
53	-0.04737831	-0.06067404	-0.01125139
54	-0.04399098	-0.06086523	-0.01309598
55	-0.04031325	-0.06098301	-0.01503695
56	-0.03642324	-0.06136577	-0.01708072
57	-0.03263857	-0.06142035	-0.01871929
58	-0.02885026	-0.06137764	-0.02023513
59	-0.02506491	-0.06120569	-0.02158520
60	-0.02124448	-0.06102092	-0.02279627
61	-0.01747426	-0.06063789	-0.02365424
62	-0.01365250	-0.06038900	-0.02462548
63	-0.00988057	-0.05983398	-0.02515828
64	-0.00607471	-0.05924753	-0.02564153
65	-0.00224141	-0.05871975	-0.02602681
66	0.00133599	-0.05797153	-0.02608560
67	0.00484318	-0.05714780	-0.02590571
68	0.00820280	-0.05618540	-0.02543155
69	0.01154333	-0.05524776	-0.02486446
70	0.01466524	-0.05412499	-0.02392432

71	0.01780113	-0.05296095	-0.02290473
72	0.02085667	-0.05171869	-0.02164394
73	0.02382187	-0.05029213	-0.02015365
74	0.02667373	-0.04879988	-0.01842908
75	0.02909319	-0.04746254	-0.01687960
76	0.03152178	-0.04597114	-0.01512246
77	0.03395983	-0.04445379	-0.01306229
78	0.03629824	-0.04278370	-0.01067760
79	0.03859112	-0.04099312	-0.00809743
80	0.04090579	-0.03914000	-0.00523742
81	0.04334794	-0.03731124	-0.00214923
82	0.04588657	-0.03538819	0.00116343
83	0.04835150	-0.03338953	0.00473553
84	0.04491029	0.03358796	0.01383710
85	0.04458891	0.03452492	0.01121383
86	0.04451619	0.03485097	0.00835947
87	0.04473295	0.03456012	0.00565621
88	0.04504344	0.03400824	0.00317074
89	0.04544816	0.03318705	0.00096955
90	0.04589553	0.03216723	-0.00122887
91	0.04660474	0.03064427	-0.00331369
92	0.04717646	0.02918409	-0.00553038
93	0.04789782	0.02735011	-0.00758514
94	0.04848577	0.02525619	-0.00959030
95	0.04902353	0.02306520	-0.01133704
96	0.04953244	0.02070173	-0.01281927
97	0.05000078	0.01819110	-0.01406624
98	0.05037788	0.01554842	-0.01505443

99	0.05070572	0.01272381	-0.01576311
100	0.05099786	0.00973602	-0.01618081
101	0.05127715	0.00657683	-0.01625611
102	0.05153278	0.00330758	-0.01592705
103	0.05131322	-0.00048317	-0.01496393
104	0.05106353	-0.00387863	-0.01339410
105	0.05072042	-0.00696291	-0.01157970
106	0.05036455	-0.00966161	-0.00930990
107	0.04975143	-0.01210327	-0.00694437
108	0.04904965	-0.01428469	-0.00418864
109	0.04829512	-0.01618888	-0.00102984
110	0.04753505	-0.01749756	0.00255904
111	0.04672573	-0.01840002	0.00649181
112	0.04406561	-0.01784588	0.01472253
113	0.04242239	-0.01580980	0.02186270
114	0.04092076	-0.01355253	0.02777591
115	0.04005227	-0.01057091	0.03231058
116	0.03960124	-0.00734284	0.03559428
117	0.03901685	-0.00373254	0.03813902
118	0.03897100	0.00067321	0.03954624
119	0.03987309	0.00593255	0.03916067
120	0.04165465	0.01085815	0.03683837
121	0.04377525	0.01348140	0.03470876
122	0.04576982	0.01576942	0.03215966
123	0.04728288	0.01801745	0.02947824
124	0.04818095	0.02041664	0.02690461
125	0.04848485	0.02295577	0.02440420
126	0.04812687	0.02578690	0.02204628

127	0.04731753	0.02868425	0.01957975
128	0.04617894	0.03143358	0.01690351
129	0.04666793	0.05123904	0.01792138
130	0.04612290	0.05098178	0.01510590
131	0.04576286	0.05057992	0.01240284
132	0.04541837	0.05002580	0.00964613
133	0.04530440	0.04952082	0.00693918
134	0.04530823	0.04887395	0.00436182
135	0.04526719	0.04798405	0.00192168
136	0.04536891	0.04689882	-0.00049825
137	0.04564092	0.04581251	-0.00288437
138	0.04597439	0.04455329	-0.00515744
139	0.04675009	0.04267019	-0.00795542
140	0.04746801	0.04066156	-0.01060021
141	0.04812829	0.03845230	-0.01300673
142	0.04880381	0.03617714	-0.01523959
143	0.04939758	0.03379946	-0.01718995
144	0.05000165	0.03122346	-0.01903748
145	0.05065613	0.02849586	-0.02084151
146	0.05126687	0.02566140	-0.02233071
147	0.05184500	0.02278976	-0.02370203
148	0.05234242	0.01986852	-0.02470162
149	0.05277428	0.01689803	-0.02551454
150	0.05317683	0.01388117	-0.02600564
151	0.05353681	0.01076404	-0.02634032
152	0.05380547	0.00766509	-0.02629416
153	0.05409020	0.00446392	-0.02599184
154	0.05430031	0.00119297	-0.02547628

155	0.05438872	-0.00219306	-0.02464519
156	0.05434148	-0.00521593	-0.02369841
157	0.05440961	-0.00892181	-0.02176551
158	0.05421734	-0.01248407	-0.01937748
159	0.05382658	-0.01590275	-0.01673850
160	0.05316652	-0.01909169	-0.01378587
161	0.05247055	-0.02216994	-0.01064287
162	0.05158459	-0.02512815	-0.00729112
163	0.05043572	-0.02785069	-0.00353369
164	0.04940202	-0.03061320	0.00050096
165	0.04835150	-0.03338953	0.00473553
166	-0.07069381	0.01074302	0.00890633
167	-0.07193091	0.01345931	0.00707413
168	-0.07222513	0.01630207	0.00507724
169	-0.07200118	0.01914637	0.00314171
170	-0.07115850	0.02188368	0.00120676
171	-0.06997206	0.02467666	-0.00058063
172	-0.06833954	0.02750612	-0.00231284
173	-0.06621048	0.03039450	-0.00401444
174	-0.06367312	0.03335828	-0.00568378
175	-0.06064902	0.03633047	-0.00727065
176	-0.05819932	0.03851417	-0.00848194
177	-0.05557594	0.04050330	-0.00952274
178	-0.05279399	0.04225719	-0.01039341
179	-0.04991071	0.04383720	-0.01108096
180	-0.04698133	0.04529787	-0.01159408
181	-0.04386856	0.04658932	-0.01190116
182	-0.04060813	0.04763453	-0.01205870

183	-0.03723763	0.04845732	-0.01201048
184	-0.03331868	0.04918798	-0.01172091
185	-0.02976770	0.04952183	-0.01139464
186	-0.02622863	0.04973010	-0.01083113
187	-0.02265814	0.04966944	-0.01000264
188	-0.01914007	0.04922195	-0.00902822
189	-0.01566830	0.04862163	-0.00785615
190	-0.01213547	0.04799569	-0.00632477
191	-0.00869157	0.04712883	-0.00466659
192	-0.00508728	0.04626405	-0.00260343
193	-0.00161020	0.04514739	-0.00041028
194	0.00349477	0.04340133	0.00337021
195	0.00770218	0.04109592	0.00726529
196	0.01104383	0.03847509	0.01131121
197	0.01354069	0.03553607	0.01554182
198	0.01512615	0.03227333	0.01999544
199	0.01582939	0.02855924	0.02468000
200	0.01563924	0.02433950	0.02962624
201	0.01452722	0.01955491	0.03462776
202	0.01239102	0.01451909	0.03977366
203	0.00795506	0.00812610	0.04346793
204	0.00223733	0.00251566	0.04498972
205	-0.00360553	-0.00202282	0.04529379
206	-0.00958949	-0.00551145	0.04498164
207	-0.01582216	-0.00808386	0.04411543
208	-0.02249024	-0.00982381	0.04224049
209	-0.02946694	-0.01066774	0.03882576
210	-0.03657345	-0.01053446	0.03401306

211	-0.04334054	-0.00913846	0.02786370
212	-0.04668578	-0.00724054	0.02464110
213	-0.04973232	-0.00509284	0.02151250
214	-0.05271054	-0.00282801	0.01865748
215	-0.05579394	-0.00063045	0.01624274
216	-0.05897780	0.00138718	0.01438349
217	-0.06225342	0.00350678	0.01280533
218	-0.06577825	0.00566962	0.01169039
219	-0.06864676	0.00811257	0.01032158
220	-0.09175620	0.00252534	0.00731363
221	-0.09110724	0.00671269	0.00526516
222	-0.09003384	0.01073320	0.00345993
223	-0.08882498	0.01450423	0.00174158
224	-0.08751910	0.01802608	0.00011461
225	-0.08609107	0.02134566	-0.00138687
226	-0.08449918	0.02445761	-0.00275556
227	-0.08279926	0.02734577	-0.00411467
228	-0.08104620	0.03002333	-0.00547728
229	-0.07920067	0.03244592	-0.00681102
230	-0.07702524	0.03498165	-0.00835722
231	-0.07474063	0.03740720	-0.00984449
232	-0.07237987	0.03977849	-0.01126477
233	-0.06986886	0.04211965	-0.01248009
234	-0.06729487	0.04430424	-0.01367035
235	-0.06453070	0.04643610	-0.01468703
236	-0.06167296	0.04845505	-0.01576220
237	-0.05863720	0.05034822	-0.01666404
238	-0.05553876	0.05223071	-0.01751113

239	-0.05148164	0.05420758	-0.01817991
240	-0.04738086	0.05595259	-0.01876761
241	-0.04322120	0.05737394	-0.01904784
242	-0.03896001	0.05851717	-0.01915509
243	-0.03469079	0.05929604	-0.01897624
244	-0.03026342	0.05971088	-0.01854278
245	-0.02574157	0.05989053	-0.01790419
246	-0.02113522	0.05972480	-0.01702750
247	-0.01652542	0.05911998	-0.01576267
248	-0.01166428	0.05833791	-0.01417450
249	-0.00690492	0.05723612	-0.01222432
250	-0.00226848	0.05592342	-0.00992904
251	0.00234604	0.05441319	-0.00742622
252	0.00678756	0.05258800	-0.00456331
253	0.01119329	0.05062542	-0.00142234
254	0.01553176	0.04819285	0.00217179
255	0.01994549	0.04584732	0.00571895
256	0.02431678	0.04331114	0.00930534

Procrustes sums of squares: 0.5088436638647192

Tangent sums of squares: 0.499623790655455

Data matrices in this dataset:

- RawData_Canals, raw data
- RawData_Canals, centroid size
- RawData_Canals, Procrustes coordinates

Canonical Variate Analysis: CVA ...RawData_Canals

Dataset: RawData_Canals

Classification criterion: environment

Groups Observations

- | | | |
|----|-------------|----|
| 1. | | 4 |
| 2. | coastal | 13 |
| 3. | continental | 8 |
| 4. | marine | 5 |
| 5. | polar | 2 |

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.98664590	46.731	46.731
2.	2.01984474	31.604	78.334
3.	0.87236469	13.650	91.984
4.	0.51232116	8.016	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
coastal	2.9312		
continental	3.1480	3.8272	
marine	3.0002	3.3716	4.2839

polar	4.7609	4.9986	5.9580	4.2758
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P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine	
coastal	0.7904			
continental	0.5835	0.0001		
marine	0.9690	0.0042	0.0007	
polar	0.3924	0.0093	0.0215	0.6106

Procrustes distances among groups:

	coastal	continental	marine	
coastal	0.0558			
continental	0.0885	0.0813		
marine	0.0716	0.0685	0.1069	
polar	0.1232	0.1134	0.1557	0.1093

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine	
coastal	0.9279			
continental	0.0489	0.0196		
marine	0.5308	0.4139	0.0081	
polar	0.2434	0.2292	0.0393	0.4038

Canonical coefficients:

	CV1	CV2	CV3	CV4	
x1	-4.5872		5.3712	-1.1600	4.5769
y1	-5.8821		-3.7587	1.8667	-2.5403
z1	-9.1731		-3.9191	-0.2990	0.6143
x2	8.0813		-5.1732	2.3723	-1.2900
y2	7.7599		-0.3216	3.4028	-4.1544
z2	4.6313		-5.7072	4.9294	6.6688
x3	6.8828		-2.9359	1.6730	-2.0771
y3	5.6056		1.4393	2.1707	-3.8829
z3	2.3850		-4.6967	4.7422	5.4520
x4	5.4775		-0.7339	0.0217	-2.2241
y4	3.5187		2.7270	1.9351	-3.3990
z4	0.0798		-3.0541	3.2737	4.2407
x5	5.2967		-0.0961	-0.6308	-1.4055
y5	1.6970		4.0027	1.8714	-3.1120
z5	-1.3492		-1.9537	1.8507	3.5016
x6	5.0378		0.7396	-0.5366	-1.3327
y6	0.1787		4.7880	1.0499	-2.4442
z6	-2.3726		-0.8045	1.2532	1.9862
x7	5.0193		1.0036	-0.0672	-0.3528
y7	-0.7841		5.3452	0.4789	-1.9565
z7	-3.1983		0.1279	0.8239	1.4029
x8	5.9450		0.6938	0.1033	0.3692
y8	-0.1118		4.5137	0.4886	-0.9129
z8	-2.2613		-0.6765	0.5678	0.8927
x9	7.3964		-0.0796	0.5199	1.3194
y9	1.2848		3.8329	0.4536	-0.1420

z9	-0.1222	-2.0375	0.3474	0.4372
x10	8.0834	0.0050	0.1046	2.0977
y10	2.6821	3.4222	0.3513	0.3857
z10	-0.0951	-0.8773	-1.8579	-0.9148
x11	8.6023	-1.3578	1.2975	3.4303
y11	4.8324	1.0996	0.7910	1.6384
z11	-1.0867	-2.3424	-1.5001	-1.1354
x12	6.2800	-3.6238	1.2306	2.5323
y12	3.3047	0.4652	1.1782	2.7792
z12	0.7857	-2.5145	-1.7109	-0.9234
x13	4.1548	-4.5268	1.3131	1.6349
y13	2.8411	0.0022	0.8742	2.8966
z13	2.7658	-2.3341	0.6405	-1.0145
x14	2.5772	-5.1956	1.1184	1.2826
y14	1.3826	-0.2749	0.1706	2.4841
z14	4.7586	-3.7271	1.6241	-0.2551
x15	0.8503	-5.6780	0.8934	1.2451
y15	-0.0832	-0.5429	-0.5947	1.9364
z15	4.0152	-2.8635	-0.3178	0.4713
x16	-1.7144	-4.6952	0.8430	0.4962
y16	-0.4368	-0.7155	-1.0614	1.4338
z16	4.5572	-3.3208	-0.0572	0.4652
x17	-3.1093	-3.5869	0.6087	0.2166
y17	-0.8450	-1.0210	-2.0383	0.4825
z17	3.6625	-2.5619	1.1410	1.6040
x18	-4.6480	-1.7115	0.2126	0.2270
y18	-1.1798	-0.4917	-3.8517	-0.4273
z18	3.2814	-3.0071	1.0928	1.5202

x19	-6.5680	0.4719	0.8359	-0.9627
y19	-1.0760	0.9052	-4.7196	-2.4305
z19	4.7527	-0.3474	1.8743	2.4239
x20	-8.1274	3.9788	0.6677	-0.3027
y20	-0.5030	1.7728	-5.6074	-3.7470
z20	3.7478	1.2342	2.8967	1.1181
x21	-4.9682	1.0736	-0.9172	-0.9149
y21	2.4881	-3.0257	-2.3663	-3.9128
z21	2.7052	1.8205	2.2891	0.8045
x22	-4.7978	0.6598	-2.0251	-0.4795
y22	4.1926	-4.5588	-0.4476	-4.4636
z22	3.0115	-0.7316	1.3655	0.4316
x23	-4.5271	2.0583	-3.1454	-0.4995
y23	5.5016	-4.4106	1.2663	-5.1427
z23	2.9868	-2.5430	-0.1131	-0.1072
x24	-3.7698	1.0298	-1.5597	0.7582
y24	6.9861	-5.1446	3.3358	-5.0404
z24	2.4365	-2.3138	-1.9664	-0.8192
x25	-1.8403	-1.7755	0.4805	1.2663
y25	8.6312	-7.8776	5.2772	-5.1079
z25	2.7770	-3.0523	-2.3674	-0.3269
x26	-1.9218	-3.1729	1.6874	1.5150
y26	7.3387	-7.6513	4.9522	-5.0190
z26	2.9340	-3.8176	-3.0136	-0.5896
x27	-5.9204	0.6646	1.5410	1.4437
y27	3.1375	-2.7518	2.5266	-5.6374
z27	3.1351	-4.6580	-3.5076	-0.6136
x28	-7.9107	2.6705	2.9383	2.0176

y28	-0.4745	2.1526	1.0242	-6.3423
z28	3.6808	-5.0762	-3.8259	-0.5937
x29	-3.5396	0.5391	7.4080	3.0695
y29	3.1076	2.7784	1.2464	-5.3094
z29	6.4720	-7.0852	-3.1746	0.3395
x30	-0.3471	-1.2019	10.2115	3.1220
y30	5.1149	0.6642	3.2565	-2.0201
z30	3.7720	-6.6983	0.3729	0.7956
x31	-0.0594	2.2751	11.6216	1.4938
y31	2.4822	3.8150	1.9241	-1.4566
z31	-2.7322	-1.8018	1.7548	-0.4515
x32	2.5695	2.8076	11.9473	0.6226
y32	2.4293	5.0736	0.4443	-0.9639
z32	-4.1464	1.0337	3.2335	-2.1980
x33	4.5771	1.8805	11.3029	0.3090
y33	2.2462	7.2396	-0.8626	-0.4708
z33	-3.3148	2.9657	1.6703	-2.8950
x34	4.9992	0.5368	10.2267	0.2477
y34	0.7454	8.1848	-0.5811	0.0235
z34	-4.3251	4.7317	2.2514	-3.0232
x35	5.1499	-1.7143	8.5701	0.1302
y35	-1.2145	8.9172	-0.0226	-0.0552
z35	-7.4611	7.1572	2.0032	-2.4376
x36	5.3872	-4.1554	6.1266	0.0626
y36	-3.8398	8.7402	0.2371	-0.3563
z36	-10.4561	8.4246	1.1877	-1.8551
x37	2.5806	-3.4172	1.3323	0.4572
y37	-5.4654	7.3484	0.6578	-1.5415

z37	-8.4642	5.4122	1.2509	-2.2089
x38	-3.9178	-4.6033	-1.0781	3.1719
y38	-7.0968	5.4958	-0.1502	-3.5594
z38	-4.7375	3.6800	-1.7271	-3.5464
x39	-6.1596	-3.6045	-0.7646	2.7732
y39	-7.4540	6.7134	-0.7992	-1.9218
z39	-1.9301	4.6654	-1.8656	-4.4854
x40	-7.5050	-3.3665	-0.7482	2.3516
y40	-7.6828	7.8036	-1.0344	-0.6269
z40	0.4984	5.0004	-1.3309	-4.7880
x41	-7.8804	-1.6801	-0.9076	1.2465
y41	-7.4870	7.7057	-0.9160	0.4371
z41	2.1722	4.2295	-0.5696	-4.3757
x42	-5.9822	-2.1885	0.0215	0.5399
y42	-7.2089	7.5409	-0.6622	0.8304
z42	3.0169	3.9403	-0.2958	-3.6463
x43	-4.1053	-2.6182	0.7964	0.1764
y43	-6.1721	6.4632	0.1267	0.7048
z43	3.7955	3.2040	0.0224	-2.7199
x44	-1.7117	-3.8679	1.4098	0.2524
y44	-4.1543	5.3237	1.1295	-0.0814
z44	4.4257	2.0026	0.5576	-1.2449
x45	2.3852	-5.0656	2.0422	-0.0011
y45	-0.8969	3.8760	1.7352	-1.3552
z45	4.7822	-0.3797	1.8563	1.2973
x46	6.2188	-6.1738	3.2906	-0.0682
y46	3.0926	2.0790	2.5165	-2.6942
z46	5.6378	-3.6827	3.7111	4.1880

x47	4.2520	6.3186	-5.9652	-4.1513
y47	-7.1205	5.8740	2.2460	2.6300
z47	0.0149	2.9503	8.7923	-0.3798
x48	2.6142	6.8892	-7.0395	-3.5651
y48	-5.8628	6.8279	1.4465	1.3186
z48	0.3578	1.6720	7.8074	-0.9042
x49	2.4545	6.3688	-6.7431	-2.1163
y49	-3.5247	6.1868	1.9392	1.0863
z49	1.0806	0.1999	7.2538	-1.0792
x50	1.3038	6.4599	-6.6906	-1.4478
y50	-2.9760	4.6881	2.3164	1.0763
z50	0.7821	-1.3847	6.5820	-0.8753
x51	0.2462	6.5444	-6.2340	-0.6583
y51	-2.7324	4.7938	2.7013	0.8183
z51	0.0851	-2.0221	5.7951	-0.7153
x52	-0.4522	6.7399	-5.9735	-0.4652
y52	-3.2432	5.3156	2.2609	0.5503
z52	-0.7812	-1.7672	4.1510	-1.0944
x53	-0.5001	6.5853	-5.1879	0.0703
y53	-3.6341	5.5985	2.5827	0.8296
z53	-1.9244	-1.5178	2.9891	-0.7163
x54	0.8292	5.6434	-3.6881	0.5158
y54	-3.1366	5.9053	2.8907	1.2189
z54	-2.5289	-0.8510	1.1419	-0.7298
x55	2.5987	4.9189	-2.0903	0.6938
y55	-1.4451	3.4610	3.9584	2.1972
z55	-2.8272	-2.2963	0.6438	-0.2306
x56	5.9792	2.9928	-0.3157	1.0542

y56	-1.7096	6.0841	2.6903	1.8162
z56	-4.7326	0.1170	-2.2917	-0.9889
x57	6.7543	2.1852	-0.8011	1.6859
y57	0.0010	3.7271	2.6476	1.8068
z57	-2.9104	-0.3346	-3.3308	-1.5167
x58	7.2939	1.2786	-0.7473	2.1223
y58	1.2197	2.1920	3.3181	1.6726
z58	-1.4846	-1.0880	-3.3849	-1.8494
x59	8.1154	-0.0878	-0.1715	2.3883
y59	1.5662	2.4700	2.0722	2.2167
z59	-0.5930	-1.3406	-3.9645	-1.8720
x60	7.3782	-0.6117	-0.0983	2.4773
y60	1.8070	0.6171	2.2743	2.3253
z60	0.4010	-2.7562	-3.4508	-1.2318
x61	6.3861	-0.9840	0.3254	2.6105
y61	3.2279	0.1319	2.2118	1.6569
z61	1.6013	-3.2367	-3.0943	-1.6166
x62	6.0699	-2.3168	1.4485	2.7034
y62	3.1873	-0.2069	2.2801	1.3407
z62	1.5245	-3.0780	-2.7289	-1.9949
x63	4.0338	-1.8417	2.6327	2.2686
y63	3.2125	-1.5387	1.6931	1.5874
z63	2.7150	-4.4312	-2.2760	-1.0062
x64	1.4907	-1.8423	3.7603	1.8839
y64	3.9846	-1.4946	0.6465	1.4784
z64	4.6211	-5.3165	-1.7244	-0.5255
x65	0.3086	-3.3961	5.7289	1.8811
y65	1.5384	0.1800	-0.3835	0.2980

z65	4.3373	-4.6198	-1.0393	-0.6752
x66	-0.4269	-0.3465	4.1322	0.4712
y66	0.0170	1.0073	-1.3110	-0.6894
z66	3.0579	-4.2049	-1.9716	-1.3946
x67	-0.3359	0.9241	2.9365	-0.7146
y67	-1.5094	3.1499	-1.3762	-1.2241
z67	1.5421	-2.0329	-2.2908	-1.4745
x68	-1.1045	2.4886	1.6295	-1.7729
y68	-1.6150	3.5442	-0.6215	-1.1970
z68	0.9328	-1.2429	-2.1438	-1.1216
x69	-1.8971	3.6913	0.4657	-2.4764
y69	-0.9440	3.6114	-0.1230	-0.9735
z69	0.8992	-0.6404	-2.1222	-0.9758
x70	-2.7843	4.4657	-0.4486	-3.1622
y70	0.6597	2.3657	1.0812	0.0763
z70	1.1550	-0.6000	-1.3234	-0.0687
x71	-3.9748	4.5666	-0.4886	-2.7009
y71	2.0399	1.8991	0.9388	-0.1525
z71	2.0109	-0.4625	-1.1226	0.0072
x72	-4.0657	2.8312	-0.0867	-1.5492
y72	2.5798	1.8172	1.5013	0.1718
z72	1.6727	0.8833	-0.8399	0.1464
x73	-3.7625	1.6576	0.4069	-0.6035
y73	1.9593	1.1987	1.6103	0.2919
z73	1.0399	1.1628	-0.5942	0.7173
x74	-2.5626	-0.9342	1.7011	0.8422
y74	1.1923	1.1327	1.5559	0.6202
z74	-0.3228	2.2103	-0.5210	1.0522

x75	-0.9180	-2.0704	1.2703	1.7469
y75	-0.6342	1.3916	0.3852	1.1645
z75	0.8350	2.1863	-1.1193	1.7859
x76	0.5450	-2.4550	1.3691	1.8388
y76	-2.8800	1.8198	-1.4506	2.1780
z76	1.5778	1.5379	-1.3481	2.1415
x77	1.9477	-1.8601	0.4177	1.7448
y77	-4.6778	0.6525	-1.2208	2.6047
z77	1.2739	1.6607	-1.8004	2.6268
x78	1.5585	-0.7085	-0.2192	1.3315
y78	-5.1814	-1.0354	-0.9639	2.7545
z78	1.2772	1.7419	-2.4294	3.0898
x79	0.7539	-0.6781	-0.0622	1.4044
y79	-5.2836	-1.6703	-1.4913	2.3570
z79	0.7796	2.5332	-2.9197	2.7821
x80	-0.0283	-0.2773	-0.2623	1.3548
y80	-5.3940	-2.7150	-1.0076	1.4398
z80	-0.6783	4.1519	-3.9785	2.1647
x81	-1.1851	2.1673	-1.2723	1.2938
y81	-5.1533	-6.1599	0.4022	0.3027
z81	-2.2637	4.7819	-4.2705	1.3897
x82	-1.6775	3.2671	-2.7637	1.3162
y82	-5.3178	-8.4694	2.7109	-1.2947
z82	-4.7196	5.7014	-4.3243	0.1170
x83	-3.1193	3.9474	-3.3536	0.1682
y83	-5.3487	-9.8991	4.2402	-2.0710
z83	-7.7731	7.9102	-4.5077	-1.3568
x84	-3.2035	-3.7659	-2.1055	-0.3885

y84	2.1923	-4.5944	0.4325	4.8752
z84	-0.1837	-3.9662	2.6953	-2.5830
x85	-2.2282	-2.7966	-1.7472	-2.1770
y85	0.0992	-5.0183	-0.2977	4.9539
z85	0.4234	-3.8646	3.8782	-4.1119
x86	-1.7667	-2.8137	-1.2336	-2.7892
y86	-1.2690	-4.6551	-1.1921	3.4639
z86	1.2692	-3.1839	4.7028	-5.9338
x87	-1.1744	-4.4665	-0.3270	-2.5502
y87	-1.4512	-2.5143	-2.3297	1.3715
z87	2.6225	-3.6769	5.6696	-7.0840
x88	-1.8031	-3.8117	-0.3837	-2.6427
y88	0.5199	-3.0129	-2.4194	0.0876
z88	2.6471	-3.0118	5.9497	-7.2021
x89	-2.1000	-3.9663	-0.3690	-2.2241
y89	0.7772	-1.2936	-3.2112	-0.8529
z89	2.3952	-2.1254	5.3117	-6.0714
x90	-1.9259	-3.9258	-0.0974	-1.9586
y90	0.1993	0.2562	-3.9102	-1.3670
z90	3.2733	-1.4014	5.4571	-4.9007
x91	-2.2345	-2.9563	-0.9329	-0.0656
y91	0.6876	0.4753	-3.6874	-3.8157
z91	3.0606	-0.7073	4.8157	-3.4031
x92	-2.9992	-2.8414	-1.1028	0.1391
y92	2.3793	1.0103	-3.1337	-2.9491
z92	2.7632	0.2751	4.1469	-3.3932
x93	-3.0741	-1.9797	-0.9848	0.8426
y93	3.3797	1.2023	-2.6785	-2.6387

z93	2.6496	1.8488	3.2328	-2.3583
x94	-3.4079	-1.1064	-1.1884	1.0620
y94	4.4167	1.2584	-3.4433	-2.4080
z94	1.9806	1.9031	3.6484	-1.5353
x95	-2.9814	-1.3289	-1.2492	1.7014
y95	4.5703	1.8162	-4.0038	-2.1434
z95	1.9463	0.6117	3.6159	-0.5160
x96	-2.6907	-0.3366	-1.1191	2.0087
y96	4.3104	1.0059	-4.5219	-1.6826
z96	1.9214	1.6460	3.5755	-0.0632
x97	-2.8014	1.0621	-1.4513	2.4184
y97	4.5596	0.1258	-4.4960	-1.4108
z97	0.4575	2.9769	2.8066	0.8654
x98	-2.4024	1.1965	-0.6931	2.9142
y98	4.5209	-0.8633	-4.7326	-1.0877
z98	-1.0847	3.3592	2.6272	1.8199
x99	-1.3018	1.1781	0.4834	2.9200
y99	3.4677	-1.1823	-5.3262	-0.9071
z99	-1.5984	3.0338	3.4606	2.0664
x100	-0.5230	1.8175	1.0927	2.6772
y100	2.0541	-1.4598	-5.7934	-0.8096
z100	-3.2137	4.3232	2.9792	1.7856
x101	0.5636	1.3717	2.2680	3.2250
y101	0.3402	-1.8926	-6.3149	-0.4903
z101	-4.8627	3.4540	3.2108	3.3223
x102	2.4161	0.7010	3.8467	3.5960
y102	-1.7576	-2.4918	-6.9083	-0.3701
z102	-5.1328	2.5037	3.4338	3.8496

x103	2.9979	0.2442	4.5878	4.0062
y103	-1.1325	-3.7959	-4.5849	0.8033
z103	-5.6944	2.1786	3.3102	3.4110
x104	3.3468	-0.1473	5.1565	4.1447
y104	-0.3925	-4.8170	-2.3144	1.7720
z104	-4.8628	2.5849	3.3118	2.6997
x105	2.8606	0.1433	4.6079	4.6979
y105	-0.3548	-5.2478	-0.8461	2.7503
z105	-5.4295	3.0022	1.8337	2.9334
x106	2.2683	0.0186	3.0429	4.8468
y106	-1.0563	-5.3531	-0.3233	3.2044
z106	-6.0836	3.2491	-0.8916	2.8141
x107	1.8596	-0.4808	3.0498	4.8203
y107	-2.1924	-4.4751	0.0523	3.0623
z107	-5.9602	3.8028	-1.8852	2.6715
x108	2.8272	-1.4433	3.8007	3.3590
y108	-2.0657	-4.5467	1.5108	1.6782
z108	-4.0813	3.3741	-1.8220	1.8324
x109	2.6695	-1.6458	3.7845	2.2433
y109	-3.1228	-3.7981	2.8534	1.2329
z109	-4.1590	4.1800	-2.3064	1.6631
x110	1.1291	-1.3127	2.0720	1.9892
y110	-6.2589	-1.2991	0.9774	1.0124
z110	-3.8221	4.2350	-3.2697	1.8437
x111	0.6972	-1.7162	1.3342	1.2998
y111	-7.6086	-0.0506	0.5798	0.9250
z111	-2.8028	4.1608	-3.4528	2.0539
x112	1.0968	-2.8200	1.6943	-0.1438

y112	-9.1429	2.5905	-0.4737	-0.1383
z112	-0.7260	4.1714	-2.9177	2.4666
x113	2.6581	-4.3422	2.0750	-1.7231
y113	-7.8342	1.9372	-0.5769	-0.2309
z113	1.3412	4.3123	-2.0391	2.1752
x114	1.4390	-5.4322	4.6476	-3.0475
y114	-8.1350	2.0856	1.3337	-2.0191
z114	3.0632	3.9075	-2.0955	2.6663
x115	1.1142	-6.5435	5.5958	-4.1945
y115	-6.9849	1.6917	1.5278	-2.8595
z115	4.4515	3.5016	-2.1071	2.6452
x116	2.5057	-5.3153	3.5516	-6.0838
y116	-5.0658	2.8172	1.0350	-3.8066
z116	5.1060	1.5921	-0.6907	2.9374
x117	-0.0915	-4.8323	4.5721	-6.0420
y117	-3.1147	3.7306	0.6006	-5.1717
z117	6.7612	0.4962	-1.6368	3.1829
x118	-0.3697	-4.2198	3.8765	-6.6266
y118	-0.1764	4.3460	-0.4495	-6.3240
z118	5.7882	-0.0273	-2.5799	4.1505
x119	-1.3850	-2.8896	0.3968	-6.5028
y119	3.0916	6.7414	-2.3911	-7.5274
z119	3.3683	-0.5955	-1.0139	4.5484
x120	-3.7281	2.3513	-3.7119	-7.5040
y120	8.9704	5.6893	-1.6332	-9.1539
z120	2.4629	-4.4139	1.3228	4.6635
x121	-0.0981	0.5618	-1.7958	-8.4004
y121	9.8831	5.8688	-2.6158	-8.3457

z121	4.2705	-8.3257	3.3542	2.7872
x122	2.5013	-0.2311	-2.0732	-9.3938
y122	10.4845	4.9810	-2.0687	-7.1174
z122	5.6768	-10.9205	5.5817	1.2381
x123	3.3877	-1.5233	-2.0542	-9.6819
y123	11.6796	4.2914	-1.6799	-5.7415
z123	7.3215	-12.1303	7.2300	-0.1128
x124	4.7310	-2.5628	-1.3584	-9.5805
y124	11.3068	3.1246	-1.7292	-4.1086
z124	7.4292	-12.8740	7.5039	-1.0348
x125	4.1741	-3.0209	-0.6987	-9.0735
y125	11.4555	2.2615	-2.2186	-2.0687
z125	8.0466	-13.0147	7.1627	-1.3579
x126	2.1270	-2.0737	-0.7871	-8.1025
y126	11.6393	-0.6944	-1.5400	0.1998
z126	8.3553	-13.7158	7.1818	-1.2693
x127	0.4409	-2.3601	-1.3916	-6.3589
y127	9.9105	-2.2135	-0.8242	2.0177
z127	6.3029	-11.7767	6.4317	-1.4359
x128	-0.1541	-4.4804	-1.3910	-3.6485
y128	4.7726	-1.5108	-1.0276	3.3766
z128	1.8701	-6.9475	4.0210	-1.8732
x129	-7.0162	4.1201	-3.1342	1.5948
y129	1.6774	-1.7325	5.5641	-0.4057
z129	-9.7982	0.2349	-2.3951	-2.8139
x130	-6.2072	2.6312	-1.7846	1.6855
y130	-2.4876	0.0664	6.0449	0.0690
z130	-6.1738	-0.6523	-0.2786	-1.8709

x131	-5.4980	3.1542	-2.7394	1.0869
y131	-7.6839	5.3513	4.1966	0.3748
z131	-1.8613	-2.5949	1.4872	-1.0829
x132	-4.7364	2.0357	-3.0706	0.4015
y132	-8.5277	3.4998	3.7911	1.1308
z132	-2.4768	1.1433	1.5850	-1.1218
x133	-1.8935	0.6890	-3.5810	-0.5022
y133	-5.6515	1.1858	2.7382	0.8351
z133	-3.1517	3.8322	1.6295	-1.2523
x134	-0.3600	-0.1028	-3.5854	-0.3532
y134	-7.1693	2.8107	1.1098	1.1657
z134	-1.8261	3.6240	1.7941	-1.4720
x135	1.1524	-1.5394	-2.5803	-1.5824
y135	-8.9751	4.4462	0.2724	0.5031
z135	0.1616	2.8576	1.2618	-1.2403
x136	2.9511	-2.7180	-2.1237	-1.9644
y136	-7.9605	4.1716	0.3046	0.9636
z136	1.0858	1.8528	0.6563	-1.6001
x137	4.4586	-3.9980	-2.0466	-2.0485
y137	-7.3575	4.4681	-1.3706	1.2463
z137	1.5817	0.7487	-0.0166	-2.1103
x138	5.9672	-5.4963	-1.9157	-2.5497
y138	-6.1779	4.0329	-2.9017	1.3045
z138	1.9389	-0.8958	-0.9197	-2.2804
x139	5.0326	-5.2157	-1.4242	-0.9127
y139	-5.9755	4.6680	-3.1599	0.7467
z139	0.2430	-1.9427	-0.3399	-1.6948
x140	4.2026	-6.0790	-0.6751	0.2102

y140	-6.1610	3.1013	-2.6135	0.4137
z140	-0.4281	-1.9052	-0.0780	-1.0880
x141	2.7951	-3.7305	-0.6533	0.9367
y141	-6.2694	4.8871	-2.3724	0.3621
z141	-0.7295	-4.9687	0.8046	-0.5390
x142	1.8564	-2.8582	0.0093	1.5017
y142	-6.1844	4.5146	-1.1277	0.6930
z142	-0.7601	-5.5365	-0.0222	-0.8868
x143	1.9686	-3.2200	0.3560	1.4590
y143	-4.4648	2.9083	-0.7513	0.8247
z143	-2.4871	-3.0767	-1.1793	-1.2128
x144	1.7601	-2.6929	0.9066	1.1071
y144	-4.9145	2.9077	-0.1389	1.0242
z144	-2.5510	-1.9180	-2.1125	-1.4416
x145	0.9448	-1.0304	0.0615	0.4392
y145	-5.4016	3.7928	-0.6265	0.6113
z145	-2.4952	-2.7800	-0.5584	-1.2427
x146	0.4627	0.9151	0.3744	0.0163
y146	-6.3805	5.2675	-1.0331	0.0719
z146	-1.2240	-2.9372	-1.0191	-2.1216
x147	0.8959	2.1812	0.5574	-1.3036
y147	-6.5354	6.1574	-1.3509	-0.1938
z147	-1.8799	-2.3008	-1.3818	-2.0193
x148	0.0554	3.0409	0.5852	-0.7115
y148	-5.4407	4.7978	-1.1783	-0.4191
z148	-2.6062	-1.3893	-1.1934	-1.4705
x149	-0.6776	4.1333	0.4770	0.3632
y149	-4.1137	3.5532	-1.0743	-0.5839

z149	-3.1187	-1.9880	0.1395	-1.0315
x150	-1.1926	4.6723	0.5624	0.7015
y150	-3.0947	2.8651	-1.0838	-0.8955
z150	-3.2516	-1.2071	0.2356	-0.1373
x151	-1.3846	5.6437	0.6497	0.9578
y151	-2.3683	2.0620	-0.6873	-1.1749
z151	-3.6770	-2.2312	1.4597	0.8750
x152	-1.5728	6.4951	0.4787	0.8306
y152	-1.5431	2.1429	-0.7225	-1.5294
z152	-3.7281	-2.3294	1.8284	1.8852
x153	-2.1180	8.7253	0.1248	0.5942
y153	-1.0769	2.3850	-0.5698	-1.8369
z153	-2.6576	-4.1723	2.0159	2.5266
x154	-2.9610	10.6704	-0.4983	0.9252
y154	-1.3208	2.9982	-0.6539	-2.5346
z154	-1.5772	-5.8285	2.7453	3.2228
x155	-2.3499	10.4346	-0.3773	0.9126
y155	-1.2901	4.1018	-0.5720	-2.8696
z155	-1.7191	-5.2638	2.8796	4.0346
x156	-2.3484	11.8169	-0.9937	0.4154
y156	-2.4995	7.6377	0.2702	1.6532
z156	-0.1951	-8.4257	3.7451	2.1936
x157	-1.4801	8.3477	0.0822	1.0873
y157	-1.6143	2.5975	1.1148	2.6653
z157	-0.2570	-5.0250	2.5371	-0.4864
x158	-0.0344	5.9186	-0.2901	1.1217
y158	-1.3181	-2.1353	2.8324	3.9045
z158	-0.7389	-2.7654	2.5213	-1.7160

x159	0.4357	4.0200	0.4898	2.1203
y159	-0.3924	-5.5461	3.3395	3.9324
z159	-0.6757	-1.2056	1.0938	-3.6968
x160	-0.0734	4.1082	0.8385	1.7032
y160	-0.5004	-8.0403	3.7666	4.2082
z160	-1.1204	-0.4879	0.3156	-4.2673
x161	0.2635	4.2632	0.3807	1.7469
y161	-0.9999	-10.3318	4.1333	3.7122
z161	-2.1844	1.1505	-0.9094	-4.4608
x162	1.9360	4.7855	1.0924	0.1007
y162	-2.0441	-12.9450	4.8858	3.1949
z162	-2.8759	1.2147	-0.9701	-4.4859
x163	0.5013	4.8788	1.0121	-0.4098
y163	-2.8453	-12.5100	3.7090	1.8219
z163	-3.8818	3.4862	-2.1348	-4.4342
x164	-1.1879	5.5579	-1.8967	0.5610
y164	-4.4087	-12.4434	4.1300	-0.1322
z164	-6.0769	6.0402	-3.3432	-3.1089
x165	-3.1193	3.9474	-3.3536	0.1682
y165	-5.3487	-9.8991	4.2402	-2.0710
z165	-7.7731	7.9102	-4.5077	-1.3568
x166	3.7720	-1.2843	2.0586	-4.2105
y166	-0.1546	-4.2376	0.2022	6.4040
z166	-5.2241	0.8468	-3.5245	4.3223
x167	4.4886	1.2606	0.8898	-3.0976
y167	1.1864	-5.1479	1.0479	5.9150
z167	-4.7491	1.3631	-2.7723	2.3623
x168	3.2791	3.3547	-0.5897	-2.3458

y168	2.2746	-6.3681	3.1070	5.2929
z168	-3.3781	2.2184	-2.4902	1.0353
x169	1.6904	3.9890	-1.4123	-1.5736
y169	3.6262	-7.3233	4.7722	4.7990
z169	-1.8323	3.1867	-2.3711	-0.3976
x170	1.1070	4.7104	-1.2464	-0.4718
y170	4.0711	-7.9351	5.6935	4.1419
z170	-1.0524	3.2986	-1.7912	-1.3302
x171	1.6918	2.8388	0.3511	0.4664
y171	3.5372	-6.4747	4.8446	3.4127
z171	-0.1535	3.4855	-1.4805	-2.0327
x172	1.3636	3.1743	0.7336	1.4452
y172	3.5316	-6.4465	4.2724	2.6310
z172	0.4732	3.8332	-1.3242	-2.1703
x173	-0.0970	3.4958	0.1378	2.4493
y173	3.9131	-6.8127	4.7457	2.0905
z173	0.7158	4.5768	-1.0174	-2.4023
x174	-0.8482	1.8741	0.6005	3.0735
y174	4.0824	-6.4508	4.1720	1.8518
z174	1.0076	4.8502	-0.7911	-2.2111
x175	0.1560	-0.9022	1.2244	3.1023
y175	1.2877	-3.4657	3.0037	1.7508
z175	2.6032	3.2734	-0.3595	-1.5608
x176	0.2998	-2.6557	1.9861	2.9107
y176	1.5778	-3.7387	2.0133	1.5501
z176	2.2166	2.2794	0.3251	-1.6459
x177	0.4080	-3.6878	1.8147	3.1202
y177	1.4096	-3.8155	1.0430	1.1915

z177	1.9958	1.1657	0.9666	-1.5347
x178	0.8730	-4.2885	0.5833	3.4529
y178	0.7574	-3.6473	0.8698	0.4182
z178	1.9765	0.2623	1.5156	-1.4031
x179	0.9571	-4.4619	-0.9822	3.4004
y179	0.5871	-3.8121	1.0222	0.0301
z179	1.8150	-0.1536	1.7724	-1.1440
x180	-0.2172	-4.4778	-1.9481	3.7424
y180	1.8291	-4.0971	0.7376	-0.6183
z180	1.4393	-0.2616	1.9589	-0.6590
x181	-0.1285	-4.7876	-3.7281	3.2788
y181	0.8636	-2.8027	0.7548	-0.4545
z181	1.3039	-0.3158	1.6147	-0.3218
x182	0.0466	-3.3597	-6.1842	2.8764
y182	-0.8009	-3.2527	1.1892	-0.3961
z182	1.3498	0.1572	1.1254	0.4491
x183	-0.3239	-2.3555	-8.3582	2.3894
y183	-1.7873	-2.7724	0.9799	-0.3028
z183	1.1887	0.9378	0.3288	1.1624
x184	-3.2523	-5.9920	-2.0068	4.3417
y184	-1.5462	-2.0972	1.1726	-0.7299
z184	0.8926	0.9838	0.9966	2.3591
x185	-1.8601	-5.8181	-1.6535	2.2337
y185	-1.4292	-1.0082	1.2501	-1.7121
z185	0.7626	1.3444	-0.8228	2.0054
x186	-0.5151	-5.4499	-1.2950	0.3364
y186	-2.4553	1.2113	-0.1068	-2.7233
z186	0.7941	1.5198	-2.5269	1.6546

x187	0.2967	-4.8803	-1.1294	-1.2142
y187	-3.4240	2.7310	-1.6168	-3.3565
z187	1.1940	1.9022	-3.8371	1.1828
x188	0.6135	-4.3881	-0.7629	-2.3476
y188	-3.2401	1.6211	-1.1545	-2.8984
z188	1.3190	1.4845	-3.4789	1.4751
x189	0.6656	-3.8151	-0.1828	-3.0908
y189	-2.3239	1.8392	-1.4395	-3.0391
z189	1.8985	0.8315	-2.5100	1.4823
x190	1.3452	-2.9381	0.0798	-3.7431
y190	0.0400	2.3086	-1.7280	-2.5426
z190	2.5284	1.0372	-2.2342	1.3698
x191	-0.5106	-2.2401	0.9614	-3.4940
y191	-1.0087	2.5836	-2.3523	-2.0644
z191	1.2213	0.5230	-0.2805	1.6745
x192	-1.2465	-0.9637	0.6247	-3.6986
y192	0.3237	2.5518	-4.3002	-1.9473
z192	1.1850	0.6841	0.5489	1.2298
x193	-2.8631	-0.8219	2.1239	-2.8639
y193	1.9406	0.7135	-4.9082	-0.2801
z193	-0.0254	0.7558	2.3356	1.4519
x194	-0.3466	-0.1687	0.0736	-2.7712
y194	2.5922	1.3717	-6.6609	3.0508
z194	0.9928	2.8386	0.1292	-1.7283
x195	-0.1010	0.4721	-1.3215	-2.2021
y195	1.1217	2.5485	-7.9157	5.2275
z195	1.2387	4.2921	-0.9182	-4.0307
x196	1.1148	0.3057	-0.8907	-2.2518

y196	1.0300	1.7620	-6.9548	5.8160
z196	1.4426	5.0519	-1.5461	-6.1204
x197	1.0230	1.4778	-1.1389	-1.3116
y197	0.0432	1.7822	-6.9851	6.6643
z197	1.4611	5.3717	-1.9075	-7.1996
x198	1.2275	2.0212	-2.0031	-0.7531
y198	0.2499	-0.3363	-6.4155	6.4649
z198	0.3826	5.2467	-1.7689	-7.0380
x199	1.7208	3.9502	-2.7680	-0.2789
y199	-0.2614	-1.8204	-5.2792	5.5793
z199	-1.3118	5.2689	-1.1186	-5.4849
x200	2.8485	2.8172	-2.0054	-0.0246
y200	-0.0337	-5.6066	-3.4969	4.1451
z200	-2.6257	3.2605	0.2275	-2.5675
x201	2.5035	1.7028	2.7085	0.2766
y201	-0.4065	-7.1666	-0.5887	1.1632
z201	-4.2390	1.4509	5.4182	0.9028
x202	3.7813	2.0079	4.4316	0.9523
y202	-0.7413	-8.7838	1.0034	-2.5162
z202	-5.4016	-0.5852	7.4724	4.7629
x203	1.9426	2.2907	2.3334	2.1482
y203	0.1577	-7.8894	-2.0141	-2.9651
z203	-6.4633	4.8907	1.9950	5.4586
x204	-0.9413	0.2741	1.6600	3.1731
y204	0.1023	-8.0380	-3.8216	-4.0829
z204	-6.9373	7.6555	0.4722	5.9419
x205	-2.7486	-1.8985	2.0023	4.1846
y205	0.0367	-7.5596	-5.6636	-4.0297

z205	-8.4763	8.9458	-0.3735	6.6502
x206	-2.9763	-3.2408	2.5780	4.5599
y206	0.5565	-6.9808	-6.2179	-3.4368
z206	-9.1358	9.1922	-1.8474	8.8188
x207	-2.8113	-3.8738	2.8191	4.8199
y207	0.4174	-6.7669	-5.5958	-2.7465
z207	-7.8862	7.6549	-3.0047	8.5832
x208	-1.9978	-3.4485	3.0570	4.7366
y208	-0.2345	-5.8731	-4.4388	-2.3496
z208	-5.5682	4.6842	-3.5028	8.1688
x209	-1.4815	-3.0378	4.0420	5.3511
y209	-2.0170	-5.6017	-2.1838	-1.3810
z209	-0.2698	2.9924	-4.3510	5.8380
x210	0.2036	-2.3448	4.5140	5.6610
y210	-3.7311	-5.4962	0.5098	0.1796
z210	3.4410	1.6980	-3.6529	3.6095
x211	6.9284	-3.8669	2.9660	3.0805
y211	-3.7615	-5.7255	2.9209	1.4992
z211	5.2358	1.7477	-1.0570	3.0517
x212	3.2893	-3.3997	2.5974	1.7545
y212	0.3001	-6.4595	3.2714	0.8642
z212	3.9790	3.6275	-1.6255	1.8439
x213	-0.0021	-2.6882	1.8249	0.4085
y213	3.5362	-5.9921	3.1694	0.0477
z213	3.2915	4.0938	-1.3288	1.4605
x214	-2.6752	-2.0701	1.5184	-0.8801
y214	5.9337	-5.3181	2.6567	-0.5522
z214	2.5960	4.2954	-1.1346	1.4824

x215	-4.9177	-0.8324	1.1523	-1.4398
y215	6.9803	-4.6948	2.0921	-0.2391
z215	2.2362	3.8628	-1.2421	1.0166
x216	-5.0581	-1.0614	2.0161	-1.9031
y216	6.7414	-5.5218	3.2176	1.0522
z216	1.0477	4.8773	-3.0951	0.6470
x217	-3.6615	-1.5962	1.9370	-2.6603
y217	7.0099	-5.3610	2.5515	1.6052
z217	-1.3237	5.2421	-3.3278	1.3087
x218	-1.2364	-2.5940	5.5621	-3.2777
y218	4.5219	-5.3740	2.2691	3.2071
z218	-3.2049	5.3833	-6.0668	1.7062
x219	1.3736	-2.7225	4.0821	-4.1782
y219	2.6737	-4.1834	0.6667	4.1660
z219	-4.6049	3.8704	-4.4373	2.8436
x220	-0.8255	-6.5341	-2.4863	-0.0885
y220	-2.8586	4.2829	-2.4750	0.7292
z220	-1.1983	-0.3317	1.9480	0.2796
x221	-0.7035	-2.7904	-4.1665	0.4266
y221	0.0444	6.1047	-1.0138	1.6901
z221	-3.1087	-1.2552	1.3849	1.1167
x222	-0.5854	1.4544	-5.4776	1.3406
y222	2.4483	6.8761	0.4854	2.3573
z222	-4.5994	-1.4738	0.8440	2.0274
x223	0.5674	1.6545	-4.0507	1.5093
y223	4.1070	7.0260	1.7618	2.7270
z223	-4.3350	-3.4447	1.4764	2.5731
x224	1.1550	1.9449	-3.1824	2.3260

y224	5.1673	6.8229	2.5457	3.0033
z224	-3.5165	-5.0009	1.7432	3.3438
x225	0.8345	1.0982	-2.3820	1.7978
y225	5.3952	6.4679	2.6519	2.9008
z225	-3.1837	-5.8654	1.3383	2.5825
x226	-0.5268	3.2789	-2.8249	1.3009
y226	5.0859	5.6221	2.4889	2.6173
z226	-3.3374	-3.6677	0.4752	1.7488
x227	-2.0474	4.1007	-4.0674	1.5199
y227	3.6646	4.3202	1.8424	2.1617
z227	-2.9912	-2.1261	-1.3390	1.6945
x228	-2.3684	3.9566	-4.3053	1.1541
y228	1.4988	2.5778	0.8255	1.2497
z228	-0.6487	-0.6791	-2.2315	0.8012
x229	-3.1012	1.2765	-3.4273	0.2187
y229	-1.0474	0.2573	-0.1086	0.0116
z229	1.5975	-0.4335	-1.9291	-0.1016
x230	-3.7779	0.0251	-3.3455	0.9436
y230	-1.7050	-0.6090	-0.3069	-0.1802
z230	2.3415	-1.5191	-1.9010	-0.1700
x231	-4.1219	-0.9526	-2.6725	1.3380
y231	-2.2014	-1.0985	-0.7763	-0.6228
z231	3.0028	-2.8002	-1.2922	-0.9153
x232	-4.5479	-1.0892	-2.0269	1.3160
y232	-2.1324	-1.6989	-1.1120	-0.7290
z232	3.1792	-2.7200	-0.6202	-1.3090
x233	-3.9884	-1.7332	-1.3419	1.1873
y233	-2.6424	-0.8824	-1.9943	-1.1340

z233	4.6333	-3.9426	-0.2964	-1.7626
x234	-4.4789	-0.9492	-1.6852	1.2888
y234	-1.6807	-1.5142	-1.8419	-1.2026
z234	4.6636	-3.2314	-0.9061	-2.0082
x235	-4.8880	-0.2958	-2.3489	1.2625
y235	-0.9021	-1.2816	-1.6872	-1.4052
z235	3.4672	-2.9923	-1.6365	-1.8643
x236	-4.8413	0.7204	-2.3705	1.0352
y236	0.1320	-0.8232	-1.6798	-1.6850
z236	2.0905	-2.8755	-0.8680	-1.9693
x237	-3.9679	1.9226	-3.2955	0.7278
y237	0.5290	0.0563	-1.4111	-1.8741
z237	1.4325	-3.2088	-1.1685	-2.0077
x238	-3.4084	3.8729	-3.6853	0.3722
y238	1.2532	0.7499	-1.7017	-1.9180
z238	0.5849	-2.7738	-0.7891	-2.0366
x239	-2.6361	3.4321	-2.0896	0.5250
y239	1.2120	-0.2777	-0.2379	-1.2453
z239	-0.2757	-0.6838	-2.1075	-2.4281
x240	-2.0551	2.3079	-0.2977	0.6504
y240	1.6112	-0.7448	0.2964	-0.8967
z240	-0.9164	-0.3791	-2.2684	-2.1659
x241	-0.8717	1.5884	0.8044	0.5916
y241	1.6790	-1.1206	0.6624	-0.7173
z241	-0.0416	-0.2313	-2.9450	-2.0254
x242	-0.0279	1.0983	1.5924	0.2006
y242	1.5829	-0.9726	0.2553	-0.6486
z242	0.7353	-0.6001	-2.2807	-1.3974

x243	0.3224	0.4077	2.1678	-0.1922
y243	0.7255	-0.0446	0.5018	-0.4482
z243	1.6889	-2.4154	-1.7130	-0.0990
x244	0.9380	0.7680	2.0412	-0.7324
y244	1.6153	-1.2472	1.5150	-0.6045
z244	-0.2429	-1.0003	-2.7675	1.2482
x245	1.6492	0.7650	1.7859	-1.6623
y245	2.4944	-2.0011	0.3997	-0.6771
z245	-0.9296	0.5888	-2.3896	1.6302
x246	1.7994	1.2672	0.9800	-2.5445
y246	2.1224	-2.0671	-0.2529	-0.3222
z246	-0.7062	0.7746	-2.0516	2.4706
x247	1.8637	2.4506	-0.1500	-4.0183
y247	2.5521	-2.0501	-0.4285	-0.2914
z247	0.1201	0.0131	-1.7283	3.5056
x248	1.5394	1.1089	-1.3687	-4.2695
y248	3.3558	-2.5791	-0.3262	-0.1901
z248	0.0973	1.1967	-2.1169	3.1575
x249	0.4597	0.5010	-2.5383	-4.1552
y249	3.0364	-1.9638	-0.5960	0.0673
z249	0.3471	1.5527	-2.6048	2.2859
x250	0.8215	0.2462	-3.4817	-3.8867
y250	3.1957	-1.3749	-0.3217	0.2404
z250	0.0730	1.6485	-3.0566	1.6326
x251	-0.5221	1.5765	-4.7454	-3.7938
y251	3.7325	0.6108	-1.4559	0.0748
z251	1.3975	-0.1314	-2.3664	1.2185
x252	-1.6758	1.9315	-5.2074	-3.8111

y252	3.7731	-0.1411	-0.0429	1.6482
z252	2.9944	0.8798	-3.5389	0.0416
x253	-0.7440	1.5484	-5.1738	-4.4065
y253	6.0679	-1.6305	0.6417	2.3648
z253	1.1224	3.0797	-4.8732	-0.4671
x254	-3.3872	4.1066	-6.1328	-3.7717
y254	2.2462	1.6498	1.1665	3.8665
z254	7.2525	-1.9907	-4.5213	-1.3071
x255	-3.9514	6.0765	-6.6355	-2.9759
y255	5.4909	-1.4300	2.1898	5.7090
z255	7.3088	-2.3388	-4.7271	-2.7834
x256	-4.9418	7.6101	-7.2031	-1.8146
y256	8.7308	-5.1015	2.8181	8.4100
z256	5.6851	1.9058	-5.9178	-5.8293

Principal Component Analysis: PCA: CovMatrix, RawData_Canals, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00359987	22.336	22.336
2.	0.00222445	13.802	36.138
3.	0.00170749	10.594	46.732
4.	0.00116904	7.253	53.986
5.	0.00104711	6.497	60.483
6.	0.00087735	5.444	65.926
7.	0.00081714	5.070	70.997
8.	0.00064406	3.996	74.993

9.	0.00051102	3.171	78.163
10.	0.00045416	2.818	80.981
11.	0.00038686	2.400	83.382
12.	0.00035919	2.229	85.610
13.	0.00031276	1.941	87.551
14.	0.00025833	1.603	89.154
15.	0.00024053	1.492	90.646
16.	0.00023704	1.471	92.117
17.	0.00017816	1.105	93.222
18.	0.00016343	1.014	94.236
19.	0.00013017	0.808	95.044
20.	0.00011414	0.708	95.752
21.	0.00010069	0.625	96.377
22.	0.00009732	0.604	96.981
23.	0.00008596	0.533	97.514
24.	0.00007184	0.446	97.960
25.	0.00006775	0.420	98.380
26.	0.00005865	0.364	98.744
27.	0.00005393	0.335	99.079
28.	0.00004765	0.296	99.374
29.	0.00003991	0.248	99.622
30.	0.00003509	0.218	99.840
31.	0.00002582	0.160	100.000

Total variance: 0.01611690

Variance of the eigenvalues: 0.0000000341113

Eigenvalue variance scaled by total variance: 0.00013

Eigenvalue variance scaled by total variance and number of variables: 0.10007

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 761.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.023741		-0.011796		0.035058		-0.009283		0.022387		-0.035214	
	-0.016204		0.042459		0.020556		0.026434		0.005846		0.031146	
	0.032586		0.077540		-0.049115		0.005004		0.036061		0.013828	
	-0.023709		0.031728		0.022369		0.032425		0.019101		0.050289	
	0.039681		-0.008182		0.057681		0.020550		0.082673		0.075773	
	0.024476											
y1	0.008511		-0.001376		0.011600		-0.049743		-0.043248		-0.001878	
	0.024449		0.009729		-0.009011		0.015150		-0.034899		0.011460	
	0.021237		0.014590		-0.055762		-0.037728		-0.003412		-0.009508	
	0.037079		0.018606		0.050162		0.001088		0.026759		0.023966	
	-0.000856		0.065156		-0.030694		-0.012343		-0.086980		-0.020216	
	-0.026199											
z1	0.018301		0.053319		0.025785		0.089335		0.020701		0.010218	
	0.041049		-0.048612		-0.016891		-0.007210		0.034421		-0.063589	
	-0.007049		0.015602		-0.052146		0.020627		-0.002874		-0.030096	
	0.052523		0.013031		-0.041743		0.065104		-0.003526		0.014779	
	-0.011421		0.037928		0.057434		0.013890		-0.096220		0.127225	
	0.014011											
x2	0.003444		0.011839		-0.019025		-0.056134		0.071838		0.035479	
	-0.004335		-0.035480		-0.024576		0.015741		-0.056410		-0.035329	
	-0.018316		-0.024045		0.062412		0.028073		-0.038483		0.029621	
	0.018499		0.016950		-0.031863		0.025420		0.056940		0.031304	

	0.036982 -0.054971	0.004434	-0.024220	-0.042142	0.040818	-0.002701
y2	-0.028204 -0.029354 -0.016473 0.029683 0.020539 -0.065013	0.040832 0.003039 0.020797 -0.047181 0.011961	-0.025804 0.038983 0.041506 0.006097 -0.023456	0.009431 0.009959 0.007825 -0.009687 0.017173	0.020086 -0.004357 0.030675 0.000436 0.031349	-0.048342 -0.006901 -0.000688 0.034180 -0.083570
z2	0.023116 -0.004269 -0.009238 0.036742 -0.054670 -0.059400	-0.025804 0.009455 0.054526 -0.016866 0.035230	-0.034577 -0.016369 0.026304 -0.079432 0.091158	-0.041457 0.028922 0.011631 -0.007470 0.008540	0.006001 0.007753 -0.007044 -0.071792 0.092993	0.000706 0.055088 -0.017324 0.058206 0.071556
x3	-0.005932 -0.006942 -0.012081 0.031158 0.019928 -0.034431	0.012281 -0.036459 -0.039693 0.021801 0.002250	-0.022347 -0.014895 0.053635 -0.010418 -0.015181	-0.047417 0.008400 0.025600 0.025343 -0.035508	0.073441 -0.058881 -0.048648 0.070214 0.007680	0.035832 -0.039162 0.031017 0.015381 -0.025912
y3	-0.032582 -0.026549 -0.020935 0.030688 0.005085 -0.039766	0.043472 -0.005899 0.024544 -0.054882 0.018095	-0.033304 0.041001 0.038802 -0.008534 -0.015539	0.004579 0.000748 0.003041 0.003495 0.002619	0.021862 -0.003697 0.022335 -0.011604 0.024428	-0.051688 -0.006620 0.008493 0.009683 -0.077660
z3	0.027824 -0.002203 -0.012081 0.016763 -0.034928 -0.043064	-0.022775 0.008524 0.045258 -0.026950 0.032532	-0.028740 -0.014357 0.033551 -0.065872 0.069960	-0.044240 0.030669 0.003292 0.004834 0.013874	0.010538 -0.004880 0.001551 -0.048897 0.075760	0.005492 0.063928 -0.022177 0.065032 0.084759
x4	-0.017641 -0.013054 -0.008114 0.047486 0.006293 -0.008302	0.011441 -0.038908 -0.055163 0.037268 0.003486	-0.025169 -0.008462 0.041638 0.002132 -0.006271	-0.038338 0.005256 0.020690 0.022359 -0.043930	0.075007 -0.049269 -0.056436 0.055238 -0.020061	0.037316 -0.047660 0.034860 -0.004284 -0.047346
y4	-0.033978 -0.022435 -0.021638	0.044611 -0.007927 0.025226	-0.037776 0.047716 0.042660	-0.001622 -0.005438 0.005861	0.021531 -0.010985 0.019877	-0.053736 -0.001180 0.022214

	0.028248	-0.064376	-0.015794	0.014638	-0.009404	-0.004282
	-0.003680	0.027023	-0.017461	-0.006693	0.014641	-0.063314
	-0.025558					
z4	0.029058	-0.018489	-0.024303	-0.044296	0.016025	0.010224
	-0.001150	0.006936	-0.013952	0.028613	-0.014409	0.067743
	-0.015483	0.030073	0.039080	-0.008917	0.007858	-0.024725
	-0.001258	-0.032272	-0.051488	0.014286	-0.037900	0.067766
	-0.027810	0.024796	0.056269	0.008261	0.052001	0.083538
	-0.016676					
x5	-0.028353	0.007869	-0.027589	-0.032634	0.076383	0.039455
	-0.018427	-0.041853	-0.002625	0.006179	-0.029726	-0.050722
	-0.004443	-0.062222	0.022894	0.016967	-0.070648	0.031067
	0.062905	0.059107	0.015638	0.011833	0.042908	-0.018148
	-0.000090	-0.000076	-0.002072	-0.051659	-0.027285	-0.049297
	-0.001213					
y5	-0.034627	0.044996	-0.038573	-0.006076	0.020471	-0.053826
	-0.019289	-0.006111	0.057893	-0.008212	-0.016652	0.006648
	-0.020767	0.023648	0.043686	0.013984	0.025307	0.032464
	0.022261	-0.071966	-0.016843	0.023875	-0.011167	-0.018941
	-0.005802	0.034528	-0.025542	-0.009178	0.003694	-0.050578
	-0.015692					
z5	0.026810	-0.014672	-0.022524	-0.044266	0.023191	0.016428
	-0.001013	0.003433	-0.012406	0.026820	-0.010588	0.067078
	-0.016441	0.020066	0.037211	-0.019182	0.003087	-0.032291
	-0.010737	-0.030316	-0.039924	0.009772	-0.029455	0.067290
	-0.019620	0.010058	0.046768	-0.007068	0.037211	0.084798
	0.006348					
x6	-0.035708	0.004053	-0.028631	-0.025986	0.076472	0.036236
	-0.023629	-0.040801	0.003327	0.006477	-0.016030	-0.050584
	0.000901	-0.062742	0.010969	0.022839	-0.069328	0.028065
	0.074281	0.068296	0.021983	0.004574	0.037509	-0.029708
	0.002358	0.003310	-0.005176	-0.045632	-0.033667	-0.052878
	0.004990					
y6	-0.036612	0.045723	-0.039194	-0.011704	0.020213	-0.050327
	-0.016834	-0.006696	0.062682	-0.007470	-0.020685	0.012919
	-0.021178	0.018359	0.040358	0.008119	0.020930	0.035091
	0.017973	-0.069924	-0.014625	0.030469	-0.019844	-0.027832
	-0.013323	0.033208	-0.020492	-0.020622	-0.003817	-0.039573
	-0.005088					
z6	0.024658	-0.009851	-0.023406	-0.041495	0.031443	0.018837
	-0.001032	0.002748	-0.008773	0.024069	-0.007001	0.062416

	-0.016767	0.014603	0.036341	-0.016777	0.007839	-0.036358
	-0.015629	-0.031408	-0.026150	0.008185	-0.016627	0.059808
	-0.007662	0.002793	0.024761	-0.009684	0.018728	0.079816
	0.022871					
x7	-0.041430	-0.000806	-0.028959	-0.020341	0.074273	0.032334
	-0.028067	-0.038709	0.004925	0.006999	-0.006296	-0.047392
	0.009469	-0.060943	0.005336	0.026903	-0.069849	0.025674
	0.086246	0.078399	0.018950	-0.000527	0.030674	-0.032845
	-0.006337	0.007260	-0.002126	-0.037187	-0.031518	-0.049025
	0.007892					
y7	-0.038582	0.047724	-0.039833	-0.015228	0.021223	-0.048346
	-0.014420	-0.005757	0.065933	-0.005256	-0.026565	0.018272
	-0.019711	0.012512	0.038647	0.004608	0.020583	0.037232
	0.016070	-0.066792	-0.012746	0.032707	-0.023922	-0.029499
	-0.025412	0.033559	-0.012083	-0.026395	-0.013434	-0.037254
	0.001940					
z7	0.021738	-0.004425	-0.027870	-0.038763	0.039559	0.021761
	-0.000749	0.003477	-0.006886	0.020040	-0.003830	0.052409
	-0.012905	0.008171	0.043275	-0.015914	0.005080	-0.032908
	-0.012260	-0.023965	-0.019030	0.014292	-0.005003	0.052285
	-0.015090	-0.001397	0.011479	-0.014715	0.000698	0.074425
	0.038026					
x8	-0.045662	-0.006295	-0.024909	-0.014827	0.066819	0.025771
	-0.033969	-0.034591	0.005503	0.007342	-0.000460	-0.039771
	0.015776	-0.061410	0.000062	0.030546	-0.064805	0.017293
	0.086146	0.078867	0.012273	-0.014679	0.019787	-0.035739
	-0.007410	0.006743	0.003734	-0.033423	-0.020334	-0.050910
	0.003878					
y8	-0.041215	0.049025	-0.039813	-0.016750	0.022476	-0.045709
	-0.011247	-0.002872	0.062812	-0.005674	-0.030084	0.021587
	-0.016646	0.008426	0.040116	0.005400	0.019414	0.038753
	0.011753	-0.058040	-0.016294	0.032636	-0.027810	-0.026041
	-0.040201	0.031503	-0.002102	-0.027205	-0.011976	-0.034064
	-0.006773					
z8	0.017789	0.000535	-0.027983	-0.037613	0.038945	0.023533
	-0.004284	0.005108	0.004607	0.019475	-0.009090	0.042504
	-0.009209	-0.007016	0.045520	-0.016155	0.002569	-0.032357
	-0.016376	-0.023657	-0.008702	0.002564	0.003067	0.045254
	-0.029522	-0.007916	0.015025	-0.027565	-0.019491	0.051877
	0.026676					

x9	-0.048654	-0.012765	-0.018761	-0.011156	0.059773	0.018221
	-0.038943	-0.029701	0.000067	0.005378	0.006213	-0.026576
	0.021778	-0.057917	-0.003861	0.037220	-0.057320	0.007278
	0.079762	0.079620	-0.000361	-0.028170	0.008285	-0.038059
	0.003402	0.006835	0.008130	-0.026238	0.001689	-0.045847
	-0.004716					
y9	-0.043915	0.050955	-0.037575	-0.020306	0.024069	-0.042266
	-0.008395	0.003391	0.057207	-0.001495	-0.031749	0.028203
	-0.012850	0.000259	0.038381	0.007272	0.019884	0.033843
	0.001868	-0.044147	-0.018246	0.032210	-0.027224	-0.024876
	-0.053209	0.025870	0.005948	-0.023137	-0.006276	-0.037759
	-0.015384					
z9	0.012416	0.006885	-0.029741	-0.035597	0.041996	0.025168
	-0.005046	0.005651	0.006732	0.010698	-0.010185	0.031664
	-0.006306	-0.021754	0.047184	-0.009929	-0.004316	-0.028815
	-0.021075	-0.017220	0.003293	-0.007572	0.003113	0.031926
	-0.036524	-0.018549	0.015666	-0.037461	-0.035004	0.026547
	0.006110					
x10	-0.050191	-0.020180	-0.012347	-0.006563	0.051810	0.008691
	-0.044269	-0.026273	-0.010087	0.003259	0.016228	-0.010790
	0.026073	-0.048322	-0.008799	0.044760	-0.044291	-0.005014
	0.070333	0.078538	-0.021814	-0.039959	0.001340	-0.038730
	0.026910	0.007421	0.006294	-0.027822	0.035667	-0.031891
	0.002866					
y10	-0.046688	0.053770	-0.035250	-0.023256	0.026415	-0.038765
	-0.005327	0.010957	0.046660	0.004728	-0.027803	0.036559
	-0.007834	-0.011413	0.031874	0.010590	0.020057	0.027810
	-0.010723	-0.024714	-0.021052	0.026206	-0.021612	-0.023177
	-0.062641	0.018541	0.007668	-0.016701	-0.003842	-0.045697
	-0.018638					
z10	0.007759	0.012863	-0.034310	-0.030600	0.047268	0.028756
	-0.005674	-0.001265	0.005237	0.003050	-0.002394	0.020823
	-0.007191	-0.032107	0.037972	-0.002470	-0.011779	-0.029182
	-0.025704	-0.007402	0.017971	-0.014198	0.009930	0.017989
	-0.017580	-0.031987	0.001612	-0.065907	-0.044791	0.012653
	0.022549					
x11	-0.049675	-0.030494	-0.002832	-0.004580	0.040921	-0.000351
	-0.051813	-0.018776	-0.014945	0.009726	0.019553	0.012415
	0.031903	-0.035852	-0.011305	0.050462	-0.027014	-0.021412
	0.057234	0.068770	-0.042320	-0.046009	-0.007975	-0.031104
	0.050555	0.018233	0.009087	-0.017607	0.067361	-0.000185
	-0.009100					

y11	-0.049787	0.055096	-0.033762	-0.024495	0.028170	-0.033093
	-0.004614	0.017124	0.039389	0.011679	-0.027907	0.039015
	-0.001198	-0.022574	0.032117	0.013200	0.021887	0.024770
	-0.013947	-0.000852	-0.014460	0.018862	-0.019445	-0.009072
	-0.078733	0.011016	0.022858	-0.012941	-0.005826	-0.049992
	-0.045000					
z11	0.001879	0.015237	-0.036721	-0.027153	0.050801	0.032458
	-0.010835	-0.006531	0.019293	0.008521	-0.006213	0.011516
	-0.004696	-0.037420	0.029305	-0.003832	-0.015767	-0.024699
	-0.019583	-0.009085	0.039207	-0.006199	0.014569	0.004532
	-0.013918	-0.015449	0.000480	-0.084151	-0.072679	0.023638
	0.001869					
x12	-0.055120	-0.035238	-0.003766	0.003972	0.027371	-0.006385
	-0.051635	-0.014650	-0.002461	0.012309	0.021770	0.012821
	0.032077	-0.019866	-0.015484	0.027317	-0.005827	-0.036953
	0.049117	0.061576	-0.055176	-0.036189	-0.004923	-0.034963
	0.060194	0.026332	0.017450	-0.029482	0.039951	0.010476
	-0.021591					
y12	-0.052226	0.047515	-0.031779	-0.024220	0.019619	-0.028772
	0.002863	0.015757	0.027253	0.019001	-0.032523	0.051448
	0.005565	-0.035432	0.023348	-0.000348	0.012304	0.002681
	-0.025558	-0.001707	-0.007727	0.014881	-0.022044	-0.016225
	-0.068502	-0.007979	0.034788	-0.001781	-0.001679	-0.008119
	-0.038855					
z12	-0.004251	0.018109	-0.038747	-0.023020	0.053849	0.034099
	-0.017773	-0.003625	0.032181	0.015908	-0.006551	0.009300
	-0.008353	-0.042465	0.028170	0.000655	-0.009287	-0.024084
	-0.018278	-0.010648	0.044369	-0.003237	0.015018	-0.004396
	-0.014849	-0.021527	-0.002036	-0.092686	-0.052444	0.021164
	-0.015100					
x13	-0.059284	-0.041365	-0.003080	0.010430	0.016418	-0.013383
	-0.048036	-0.013106	0.004755	0.007193	0.027908	0.012276
	0.034684	-0.001178	-0.016701	0.016570	0.013282	-0.038869
	0.042672	0.052379	-0.071890	-0.027669	0.006194	-0.042180
	0.069953	0.038225	0.011747	-0.033608	0.021356	0.014613
	-0.022994					
y13	-0.054592	0.043533	-0.030687	-0.021088	0.011744	-0.027496
	0.009096	0.014329	0.016543	0.025182	-0.036120	0.058973
	0.010635	-0.043852	0.011624	-0.012047	0.005529	-0.020856
	-0.034898	0.002645	-0.002894	0.008013	-0.022291	-0.020612
	-0.063850	-0.025147	0.042399	0.003706	0.001178	0.006926
	-0.033316					

z13	-0.008595	0.016521	-0.041627	-0.017909	0.054996	0.031945
	-0.021915	-0.003022	0.040432	0.006123	0.009384	0.005234
	-0.001643	-0.040042	0.031781	0.028702	0.016038	-0.004844
	-0.024294	-0.024938	0.035328	-0.012011	0.028498	-0.019667
	-0.012977	-0.009597	-0.045463	-0.055972	-0.030574	0.010241
	-0.032019					
x14	-0.062105	-0.044240	-0.002998	0.016151	0.005790	-0.017838
	-0.044261	-0.008073	0.010427	0.006910	0.030960	0.012165
	0.036949	0.014058	-0.019040	0.003422	0.024163	-0.042737
	0.042355	0.049681	-0.081771	-0.019150	0.007115	-0.038419
	0.073420	0.046426	0.015772	-0.040776	0.010488	0.018048
	-0.025254					
y14	-0.056656	0.036630	-0.028396	-0.020014	0.005845	-0.025706
	0.011502	0.010271	0.009271	0.024986	-0.040667	0.063978
	0.014191	-0.046383	0.007006	-0.022348	0.004997	-0.034722
	-0.042451	0.002086	0.004548	0.005720	-0.011358	-0.028530
	-0.055480	-0.036281	0.043387	-0.000992	-0.009362	0.019536
	-0.021980					
z14	-0.014636	0.017695	-0.043714	-0.009554	0.052040	0.031109
	-0.018341	-0.004305	0.048045	0.007827	0.015105	-0.001170
	0.004250	-0.046160	0.026915	0.031047	0.013526	0.000333
	-0.018267	-0.037250	0.032451	-0.012062	0.014824	-0.018323
	-0.002203	-0.015781	-0.055145	-0.060359	-0.003058	0.017658
	-0.066641					
x15	-0.064064	-0.045840	-0.002805	0.018842	-0.003298	-0.019121
	-0.043370	-0.003143	0.014716	0.008299	0.030623	0.013368
	0.036946	0.026745	-0.020998	-0.014157	0.026911	-0.047505
	0.042154	0.046810	-0.080677	-0.010308	0.003030	-0.031620
	0.070151	0.047465	0.022625	-0.046171	-0.000494	0.026583
	-0.025009					
y15	-0.058887	0.028735	-0.026883	-0.018968	0.001359	-0.022601
	0.013623	0.006365	0.001722	0.022018	-0.044090	0.067578
	0.016574	-0.048210	0.002445	-0.031580	0.009470	-0.044307
	-0.046934	-0.001659	0.005269	0.002594	-0.002654	-0.033468
	-0.044149	-0.043099	0.043007	-0.006685	-0.019159	0.028209
	-0.010173					
z15	-0.022501	0.020677	-0.045507	0.000568	0.051849	0.031660
	-0.014572	-0.012698	0.044328	0.010293	0.010345	-0.004821
	0.004948	-0.049033	0.010332	0.014075	0.003080	-0.005397
	-0.010626	-0.025397	0.032924	-0.013332	-0.002764	-0.018286
	-0.006172	-0.014862	-0.041059	-0.077414	0.010640	0.022319
	-0.052894					

x16	-0.063927	-0.050045	-0.000305	0.017076	-0.007396	-0.020527
	-0.042893	0.001578	0.018488	0.005187	0.028080	0.013273
	0.036010	0.043106	-0.018462	-0.022245	0.033656	-0.040904
	0.034481	0.033632	-0.071232	-0.002877	0.010032	-0.032239
	0.068871	0.054107	0.012392	-0.042859	-0.017527	0.031763
	-0.010079					
y16	-0.060207	0.023603	-0.026369	-0.017355	-0.005071	-0.018002
	0.016098	0.008909	-0.003501	0.020927	-0.042752	0.068890
	0.019460	-0.043260	0.002620	-0.036825	0.012431	-0.054083
	-0.043185	-0.000311	0.003853	0.001992	0.003590	-0.026915
	-0.035361	-0.045804	0.044311	-0.011083	-0.019362	0.027403
	-0.003058					
z16	-0.029130	0.020194	-0.043037	0.010407	0.049828	0.032068
	-0.013682	-0.014834	0.053467	0.001929	0.007939	-0.008642
	0.014009	-0.045125	0.011476	0.018017	0.004681	-0.001489
	-0.012198	-0.023785	0.027659	-0.007748	-0.003820	-0.022920
	-0.004457	-0.014013	-0.058219	-0.076334	0.012261	0.018675
	-0.064401					
x17	-0.062344	-0.052859	0.003092	0.014401	-0.010680	-0.021632
	-0.042684	0.008935	0.019648	0.001202	0.026055	0.014766
	0.035758	0.057261	-0.015053	-0.028368	0.032169	-0.032537
	0.031848	0.025595	-0.056007	0.004198	0.013442	-0.023273
	0.061204	0.055780	0.002159	-0.043727	-0.023573	0.031193
	0.000598					
y17	-0.061056	0.016800	-0.024427	-0.017332	-0.008967	-0.011389
	0.017587	0.011355	-0.006028	0.017074	-0.042100	0.071247
	0.019414	-0.036321	0.001523	-0.040784	0.023972	-0.058500
	-0.045210	0.001836	-0.000026	-0.000977	0.018342	-0.022024
	-0.029979	-0.044646	0.044216	-0.020555	-0.029194	0.015134
	0.003837					
z17	-0.034595	0.020864	-0.044989	0.018148	0.046967	0.031507
	-0.012276	-0.018725	0.059265	0.002923	-0.000959	-0.009636
	0.022986	-0.036399	0.011077	0.018766	-0.001261	-0.003296
	-0.008327	-0.017221	0.021875	-0.014363	-0.009809	-0.018448
	-0.000311	-0.006543	-0.062892	-0.053933	0.028004	0.042314
	-0.055956					
x18	-0.059841	-0.054598	0.007389	0.008156	-0.013083	-0.019464
	-0.044517	0.017767	0.017985	-0.000051	0.018020	0.015964
	0.031636	0.068015	-0.012857	-0.034290	0.025493	-0.018869
	0.022013	0.024409	-0.037289	0.020927	0.020771	-0.018057
	0.045311	0.067348	-0.002745	-0.038842	-0.027982	0.030313
	0.018162					

y18	-0.062840	0.011437	-0.021508	-0.017311	-0.012546	-0.003564
	0.017788	0.012876	-0.010242	0.011144	-0.043388	0.070786
	0.017716	-0.030672	0.003522	-0.049038	0.030744	-0.059769
	-0.045169	0.009556	-0.000844	-0.003399	0.028206	-0.012663
	-0.022634	-0.035424	0.047851	-0.038415	-0.034118	-0.006582
	0.020369					
z18	-0.043022	0.020127	-0.047643	0.026987	0.045991	0.035063
	-0.013385	-0.024841	0.062616	0.001161	-0.008047	-0.011202
	0.029007	-0.031741	0.007827	-0.007404	-0.021960	-0.025737
	0.012631	-0.018274	0.032567	-0.033783	-0.024676	0.003896
	0.005774	-0.021990	-0.052532	-0.057355	0.028013	0.046041
	-0.051111					
x19	-0.054669	-0.057303	0.010804	-0.000390	-0.009965	-0.019273
	-0.041657	0.018757	0.015990	-0.005396	0.008009	0.014302
	0.027715	0.085252	-0.002676	-0.028106	0.014357	-0.001909
	0.022077	-0.000043	0.000494	0.023338	0.016266	-0.005182
	0.046905	0.059957	-0.030740	-0.025112	-0.042903	0.034646
	0.034737					
y19	-0.063323	0.006083	-0.017719	-0.019497	-0.014793	0.006786
	0.020040	0.020398	-0.013941	0.005782	-0.038826	0.071265
	0.013435	-0.017669	0.010497	-0.047308	0.044176	-0.062476
	-0.052840	0.009346	-0.009012	-0.011097	0.043920	-0.007240
	-0.005351	-0.018745	0.032781	-0.037910	-0.035930	-0.037607
	0.044623					
z19	-0.047819	0.019496	-0.041906	0.035752	0.040345	0.037466
	-0.011930	-0.001734	0.060548	-0.002305	-0.012859	0.007912
	0.046160	-0.034328	0.005476	-0.004161	-0.032583	-0.046034
	0.003932	-0.000042	0.015923	-0.032796	-0.013318	0.007676
	-0.005154	-0.002808	-0.061476	-0.024539	0.061439	0.036583
	-0.025306					
x20	-0.048052	-0.057865	0.016729	-0.007983	-0.007852	-0.019054
	-0.042478	0.028128	0.015124	-0.012257	0.001635	0.022692
	0.029593	0.093875	0.005262	-0.024623	-0.001827	0.019974
	0.027324	-0.002869	0.032361	0.031305	0.021571	0.014995
	0.032464	0.055182	-0.048939	-0.016640	-0.039170	0.037829
	0.062293					
y20	-0.062011	0.001254	-0.014525	-0.018458	-0.019219	0.014189
	0.019041	0.029716	-0.010926	-0.002613	-0.033665	0.071588
	0.014030	-0.002350	0.018271	-0.041838	0.061749	-0.055569
	-0.046462	0.017520	-0.023030	-0.012725	0.064893	0.002028
	0.007012	-0.003131	0.025243	-0.043749	-0.036041	-0.073048
	0.055974					

z20	-0.054165	0.013835	-0.039094	0.042872	0.038943	0.041106
	-0.007711	0.004925	0.061793	-0.009638	-0.026233	0.007792
	0.054286	-0.015607	0.014023	0.001503	-0.032211	-0.058694
	-0.002590	-0.007228	0.019670	-0.042394	-0.015614	0.023574
	-0.007976	0.021807	-0.082549	0.004282	0.049888	0.029198
	0.000886					
x21	-0.032692	-0.044582	0.015823	-0.016031	-0.011779	-0.031567
	-0.035355	0.021154	-0.017029	-0.013197	0.011156	0.005917
	0.019239	0.095892	-0.007616	-0.019639	0.010550	0.035404
	0.019956	0.003926	0.036441	0.026045	-0.003607	0.003119
	0.035375	0.015739	-0.038344	-0.027323	-0.020897	0.007469
	0.022230					
y21	-0.052649	-0.001178	-0.017652	-0.010974	-0.025577	0.014383
	0.015077	0.017970	-0.018105	-0.002181	-0.024771	0.065909
	0.007724	0.009387	-0.000192	-0.029692	0.038467	-0.047042
	-0.030363	0.007173	-0.022039	-0.008738	0.061098	0.018136
	-0.022258	0.017289	0.018999	-0.025173	-0.052883	-0.082975
	-0.010497					
z21	-0.058545	0.012941	-0.036093	0.061422	0.032972	0.026752
	-0.008076	0.013553	0.054361	-0.013770	-0.032898	0.005363
	0.066132	-0.008032	-0.011068	-0.002422	-0.028514	-0.060289
	0.002709	-0.015544	0.018007	-0.028724	-0.005958	0.018328
	-0.030877	0.036345	-0.065587	0.009813	0.043146	0.020710
	0.004629					
x22	-0.019943	-0.037049	0.017857	-0.027119	-0.013293	-0.034673
	-0.032662	0.023478	-0.024625	-0.006749	0.012695	0.003309
	0.018121	0.090811	-0.015990	-0.021619	0.027575	0.047264
	0.008822	0.005171	0.064613	0.025149	-0.009703	0.006986
	0.038600	-0.009517	-0.018086	-0.029102	-0.011140	0.002857
	0.005829					
y22	-0.046189	-0.002452	-0.019394	-0.001301	-0.028963	0.011710
	0.011727	0.011134	-0.022688	-0.005821	-0.012852	0.056039
	0.012379	0.024426	-0.018973	-0.014883	0.027460	-0.036681
	-0.012657	-0.004720	-0.017244	-0.014390	0.062781	0.026313
	-0.046104	0.023923	0.005614	-0.003138	-0.056616	-0.101673
	-0.039881					
z22	-0.058834	0.013615	-0.036825	0.075575	0.020929	0.013285
	-0.008481	0.017096	0.039317	-0.019188	-0.037819	-0.003812
	0.059322	0.000620	-0.024956	-0.005059	-0.021176	-0.051358
	0.012743	-0.013652	0.010910	-0.010018	-0.010426	0.026911
	-0.038487	0.056677	-0.040995	-0.009445	0.026887	0.009673
	-0.023513					

x23	-0.010505	-0.030611	0.018739	-0.035245	-0.007910	-0.037819
	-0.025281	0.023651	-0.038335	-0.005379	0.026643	0.003238
	0.014785	0.078030	-0.024902	-0.026677	0.036355	0.040699
	-0.021027	0.006537	0.067693	0.014151	-0.008352	-0.013431
	0.047189	-0.023761	-0.003913	-0.017097	0.010698	-0.004402
	0.022882					
y23	-0.039381	-0.007536	-0.015975	0.004344	-0.028264	0.010314
	0.013452	0.010503	-0.030952	0.001525	0.000894	0.058636
	0.010524	0.022036	-0.035628	-0.011195	0.010879	-0.044410
	-0.023314	-0.006884	-0.030212	-0.014833	0.068647	0.026135
	-0.044309	0.033892	-0.001728	0.029171	-0.051542	-0.111822
	-0.044721					
z23	-0.059858	0.012739	-0.036650	0.086040	0.008559	0.001458
	-0.009970	0.020686	0.025362	-0.028947	-0.043362	-0.015523
	0.060662	0.015037	-0.032709	0.002855	-0.000534	-0.030770
	0.029965	-0.018725	0.019537	0.009459	-0.015836	0.036061
	-0.053403	0.065254	-0.029224	-0.032106	0.010662	-0.008013
	-0.047791					
x24	-0.002214	-0.022977	0.017833	-0.046266	-0.006213	-0.033820
	-0.021551	0.027190	-0.032941	-0.002292	0.027795	-0.000410
	0.010595	0.063172	-0.020400	-0.029476	0.026816	0.039372
	-0.028711	0.006768	0.069109	0.017732	-0.006265	-0.030216
	0.046281	-0.021096	0.017942	-0.003533	0.019749	0.011411
	0.005108					
y24	-0.033835	-0.010152	-0.012803	0.010316	-0.025476	0.007917
	0.012643	0.009603	-0.036525	0.005135	0.012300	0.056503
	0.009342	0.021031	-0.045014	-0.005508	-0.008667	-0.047290
	-0.018676	-0.003497	-0.051475	-0.013772	0.069175	0.020301
	-0.042174	0.047666	-0.014324	0.050788	-0.043101	-0.110571
	-0.056603					
z24	-0.060971	0.008120	-0.033578	0.089883	-0.002751	-0.005123
	-0.012310	0.026780	0.006134	-0.030254	-0.045364	-0.017116
	0.059273	0.020264	-0.034089	0.004795	0.020960	-0.020684
	0.025459	-0.018438	0.035820	0.023744	-0.020250	0.047704
	-0.050656	0.069809	-0.016415	-0.039849	0.002413	-0.024265
	-0.044866					
x25	0.004415	-0.010300	0.009626	-0.051961	-0.010236	-0.034119
	-0.015382	0.029551	-0.018540	-0.004524	0.020676	-0.014818
	0.005128	0.055326	-0.019070	-0.032313	0.015455	0.041693
	-0.003781	0.002118	0.070444	0.015867	-0.017607	-0.023304
	0.040215	-0.024035	0.043083	0.000595	0.018643	0.007625
	-0.041829					

y25	-0.028668	-0.007256	-0.015509	0.020184	-0.025884	0.003503
	0.009813	0.008487	-0.028237	0.011199	0.016273	0.041322
	0.004020	0.024415	-0.051615	0.000802	-0.013023	-0.039662
	0.008431	-0.001951	-0.064149	-0.018396	0.052128	0.030582
	-0.026415	0.048497	-0.009954	0.056096	-0.047013	-0.111256
	-0.099878					
z25	-0.063414	0.002088	-0.029033	0.091480	-0.012467	-0.009351
	-0.016525	0.031742	-0.017643	-0.025214	-0.044969	-0.016352
	0.060689	0.020141	-0.021691	0.008100	0.033828	-0.016408
	0.024644	-0.006921	0.051062	0.036642	-0.023666	0.058918
	-0.057921	0.075629	-0.012039	-0.035920	0.001225	-0.024272
	-0.047526					
x26	0.007019	-0.001609	0.004680	-0.062588	-0.008306	-0.029447
	-0.005332	0.035203	-0.003320	-0.019538	0.010428	-0.029721
	0.001942	0.048914	-0.017491	-0.045235	0.011836	0.025285
	-0.005724	-0.014521	0.082499	0.001339	-0.006285	-0.031405
	0.011865	-0.018905	0.046244	0.003829	0.019816	0.017685
	-0.049557					
y26	-0.025361	-0.007225	-0.012415	0.023652	-0.021924	0.002619
	0.013861	0.015247	-0.023735	0.010957	0.014961	0.034478
	-0.001792	0.017403	-0.060906	0.000094	-0.006561	-0.047182
	-0.005746	-0.006195	-0.062803	-0.018627	0.059650	0.018377
	-0.017148	0.051091	-0.018078	0.049805	-0.042447	-0.084589
	-0.091413					
z26	-0.065950	-0.006444	-0.022660	0.086722	-0.021231	-0.013466
	-0.025567	0.033208	-0.043298	-0.020184	-0.047892	-0.016754
	0.057093	0.020044	-0.001027	0.007481	0.051235	-0.005637
	0.017608	0.003945	0.059056	0.047084	-0.021494	0.065970
	-0.045570	0.073260	-0.018844	-0.036130	-0.002383	-0.029602
	-0.045993					
x27	0.010032	0.004948	-0.009481	-0.072889	-0.005849	-0.018430
	0.001926	0.031084	0.012952	-0.025488	0.021215	-0.039307
	0.001272	0.023520	-0.021168	-0.059959	-0.013063	0.022377
	0.005953	-0.021365	0.090085	0.002831	0.004029	-0.041679
	0.013635	-0.023139	0.069049	0.008295	-0.003359	0.028475
	0.000333					
y27	-0.021718	-0.008924	-0.013293	0.023038	-0.018406	0.007212
	0.011901	0.018821	-0.026785	0.023576	0.022522	0.032522
	-0.007466	-0.003107	-0.072106	-0.006970	-0.002154	-0.041790
	-0.011177	-0.001299	-0.052017	-0.007611	0.068175	0.012016
	0.029151	0.024553	0.001712	0.048863	-0.047487	-0.066080
	-0.033593					

z27	-0.069476	-0.017405	-0.015882	0.077061	-0.030168	-0.013514
	-0.038141	0.033326	-0.074314	-0.013958	-0.050428	-0.013544
	0.054877	0.014983	0.022144	0.008192	0.070240	0.004618
	0.007347	0.015866	0.073756	0.056213	-0.011928	0.073542
	-0.037316	0.060929	-0.037959	-0.031835	-0.002477	-0.028226
	-0.041166					
x28	0.010121	0.011967	-0.021283	-0.080846	-0.001842	-0.004101
	0.017078	0.032864	0.027513	-0.037228	0.033449	-0.052052
	0.002824	0.006136	-0.015936	-0.073072	-0.052419	0.001432
	0.026250	-0.025630	0.089946	0.004299	-0.006092	-0.065055
	0.006807	-0.006373	0.082139	0.016046	-0.011868	0.048569
	0.033448					
y28	-0.017611	-0.012015	-0.009791	0.023316	-0.009889	0.013540
	0.018503	0.032079	-0.030690	0.040471	0.034455	0.029369
	-0.010041	-0.017456	-0.068713	-0.000077	0.004115	-0.046071
	-0.017366	0.004222	-0.044476	0.010446	0.054137	-0.013939
	0.092650	0.021856	-0.000848	0.047665	-0.043547	-0.033848
	0.023618					
z28	-0.073364	-0.029593	-0.008490	0.061914	-0.039932	-0.010774
	-0.051381	0.031797	-0.113520	-0.004255	-0.049782	-0.007254
	0.051708	0.006958	0.051542	0.007704	0.084261	0.010733
	-0.003829	0.033291	0.083304	0.060576	-0.005169	0.078796
	-0.016819	0.037253	-0.061738	-0.020054	0.007454	-0.024219
	-0.026606					
x29	0.010127	0.021523	-0.029740	-0.078585	0.002244	0.000644
	0.034641	0.043082	0.049683	-0.068718	0.051225	-0.070773
	0.011536	0.000570	0.008456	-0.054852	-0.071494	-0.005420
	0.058782	-0.046746	0.076044	-0.005023	-0.000185	-0.080702
	-0.024891	0.021652	0.091100	0.044477	0.002965	0.034335
	-0.007412					
y29	-0.011299	-0.010949	0.000781	0.032228	0.003609	0.007596
	0.035954	0.057782	-0.018710	0.045167	0.055142	0.023961
	-0.014722	-0.028316	-0.044852	0.029161	0.023100	-0.047791
	-0.032353	0.019968	-0.063598	0.023491	0.019759	-0.038841
	0.146517	0.046990	0.020731	0.043993	-0.005204	-0.031654
	0.002261					
z29	-0.075934	-0.043040	0.002877	0.049165	-0.046834	-0.012554
	-0.057513	0.030613	-0.149471	0.005551	-0.041327	-0.005765
	0.050347	0.000447	0.100759	0.008946	0.101177	0.014425
	-0.017133	0.062697	0.080305	0.067478	-0.016132	0.075741
	-0.002160	0.027847	-0.087139	-0.004834	0.030409	-0.026364
	-0.034816					

x30	0.006333	0.018472	-0.032289	-0.065418	0.021875	0.018662
	0.031071	0.046661	0.045296	-0.066480	0.063625	-0.087458
	0.038547	-0.023127	0.026423	-0.024046	-0.088326	-0.049160
	0.054785	-0.018198	0.063578	0.016678	-0.027241	-0.116902
	-0.060797	0.029328	0.101575	0.095387	-0.024888	0.028402
	-0.012925					
y30	0.004017	-0.011145	0.011056	0.036727	0.014752	-0.009095
	0.048424	0.074704	-0.007765	0.034132	0.064491	0.014692
	-0.029407	-0.035340	-0.017881	0.009697	-0.008248	-0.031511
	-0.045873	0.032203	-0.029757	0.006178	0.002456	-0.024411
	0.111828	0.053918	-0.012436	0.034143	0.009849	-0.008179
	-0.036900					
z30	-0.067056	-0.042755	-0.002291	0.036193	-0.042575	-0.026289
	-0.026821	0.031100	-0.110899	-0.009362	-0.019565	-0.011050
	0.055053	-0.001522	0.101695	-0.018683	0.085495	-0.009354
	0.002455	0.054401	0.036274	0.066296	-0.029121	0.011152
	0.017277	0.057507	-0.042078	0.028936	0.011138	-0.015272
	-0.032343					
x31	0.013960	0.012013	-0.024586	-0.056291	0.042371	0.018653
	0.032501	0.054730	0.047702	-0.069011	0.070093	-0.082256
	0.071000	-0.023795	0.042481	0.022917	-0.093453	-0.044897
	0.060301	-0.036869	0.071000	0.013008	-0.032250	-0.108882
	-0.059789	-0.018924	0.058689	0.130154	-0.046622	0.013077
	0.011084					
y31	0.026401	-0.014065	0.024400	0.037676	0.033622	-0.035983
	0.065201	0.084070	0.006710	0.022836	0.070153	0.014314
	-0.029229	-0.019821	0.001582	-0.005267	-0.040766	0.000018
	-0.067174	0.018153	0.003929	-0.016505	-0.010873	0.004942
	0.081781	-0.003951	-0.061819	0.000877	-0.008721	-0.004817
	-0.014232					
z31	-0.048144	-0.046399	-0.003276	0.028963	-0.029539	-0.049120
	0.013289	0.033727	-0.068845	-0.027655	0.003959	-0.016880
	0.070492	0.012039	0.109017	-0.030254	0.078997	-0.016599
	0.002687	0.033823	0.007669	0.059824	-0.052265	-0.043444
	0.044577	0.032228	-0.047829	0.055884	-0.029615	-0.001811
	0.019917					
x32	0.018451	0.007026	-0.017124	-0.053268	0.056113	0.022095
	0.029124	0.054229	0.046784	-0.059637	0.068973	-0.073192
	0.085908	-0.027444	0.055873	0.054987	-0.086600	-0.041128
	0.053593	-0.049795	0.063036	0.015538	-0.034841	-0.090207
	-0.062570	-0.038989	0.037958	0.135225	-0.041770	-0.008606
	0.002605					

y32	0.042225	-0.014285	0.041238	0.032285	0.043029	-0.057944
	0.072403	0.093326	0.016659	0.016930	0.065059	0.017379
	-0.036654	0.002315	0.002635	-0.021488	-0.077482	0.030184
	-0.066559	-0.003645	0.029461	-0.029335	-0.019997	0.052431
	0.045895	-0.058523	-0.084067	-0.043707	-0.006081	-0.015911
	-0.021670					
z32	-0.029347	-0.047874	0.002270	0.013800	-0.022382	-0.067275
	0.040234	0.043052	-0.031977	-0.036298	0.020500	-0.011963
	0.080877	0.034714	0.107609	-0.017327	0.077144	-0.008400
	0.005102	-0.002107	-0.014769	0.057359	-0.044583	-0.056861
	0.064349	-0.006624	-0.054615	0.066527	-0.038550	-0.016915
	0.022538					
x33	0.021201	0.002972	-0.013220	-0.049456	0.064436	0.027442
	0.024735	0.045945	0.042201	-0.048119	0.065468	-0.068580
	0.091222	-0.032787	0.063509	0.068689	-0.075027	-0.037382
	0.038250	-0.049690	0.053619	0.017227	-0.042157	-0.078440
	-0.060601	-0.045897	0.021989	0.124611	-0.033226	-0.020666
	-0.011953					
y33	0.051954	-0.013942	0.050023	0.030391	0.049879	-0.072545
	0.070801	0.096490	0.024144	0.012846	0.052698	0.017612
	-0.044253	0.013603	0.012099	-0.041075	-0.103050	0.050033
	-0.062198	-0.020412	0.036430	-0.032491	-0.033106	0.071108
	0.016204	-0.069914	-0.083222	-0.068426	0.006106	-0.033301
	-0.009880					
z33	-0.017476	-0.045160	0.002767	-0.002371	-0.014254	-0.074908
	0.053576	0.040755	-0.017833	-0.032752	0.020914	0.002615
	0.070029	0.032483	0.103849	-0.033072	0.063973	-0.002214
	0.006357	-0.033926	-0.037991	0.065255	-0.046260	-0.059309
	0.068968	-0.028840	-0.022866	0.035259	-0.016767	-0.043298
	0.021049					
x34	0.024559	-0.002027	-0.009467	-0.046458	0.068881	0.029258
	0.021903	0.033124	0.038673	-0.037389	0.054558	-0.064572
	0.093862	-0.034885	0.066523	0.072516	-0.060240	-0.031770
	0.022529	-0.041929	0.039978	0.016494	-0.049684	-0.073368
	-0.054450	-0.048508	0.002746	0.106342	-0.031030	-0.020948
	-0.022645					
y34	0.055414	-0.013796	0.052092	0.034812	0.050697	-0.077081
	0.064798	0.096177	0.031314	0.009847	0.042102	0.003480
	-0.044128	0.025482	0.015462	-0.062148	-0.117853	0.057703
	-0.061012	-0.028795	0.036614	-0.036588	-0.042889	0.072663
	-0.004202	-0.053281	-0.078804	-0.063638	0.009440	-0.033555
	0.004297					

z34	-0.009598	-0.041687	-0.002541	-0.009048	-0.007641	-0.073112
	0.064819	0.043739	-0.010686	-0.033416	0.021846	0.003354
	0.065149	0.028677	0.091608	-0.045632	0.055556	0.011095
	0.006881	-0.060154	-0.044250	0.062425	-0.037995	-0.057814
	0.069541	-0.032543	-0.013399	0.046005	-0.005602	-0.044979
	0.026194					
x35	0.028740	-0.006949	-0.007417	-0.045941	0.069431	0.028095
	0.021442	0.016946	0.035210	-0.023961	0.039795	-0.061169
	0.088025	-0.029802	0.062932	0.065208	-0.041230	-0.024184
	-0.004454	-0.034244	0.014763	0.012110	-0.058849	-0.072959
	-0.039147	-0.039343	-0.030506	0.069044	-0.015868	-0.014583
	-0.039363					
y35	0.054127	-0.015074	0.052308	0.041767	0.047194	-0.075690
	0.050283	0.088168	0.036171	0.008764	0.027960	-0.013107
	-0.036569	0.038068	0.020162	-0.077192	-0.125873	0.055437
	-0.048128	-0.031158	0.039388	-0.034403	-0.051223	0.061377
	-0.024367	-0.030188	-0.051846	-0.040319	-0.006241	-0.040502
	0.024317					
z35	-0.006066	-0.038503	-0.005936	-0.011553	-0.002606	-0.062621
	0.064630	0.044142	-0.016555	-0.033598	0.012138	0.004631
	0.063803	0.017620	0.076864	-0.050688	0.044078	0.029832
	0.026299	-0.068025	-0.023758	0.059270	-0.021145	-0.049175
	0.050233	-0.049958	0.015553	0.065011	-0.028652	-0.033573
	0.054109					
x36	0.035260	-0.011411	-0.006003	-0.048416	0.064621	0.027009
	0.018077	-0.000235	0.032377	-0.006764	0.017817	-0.055835
	0.073251	-0.021182	0.043902	0.039556	-0.022143	-0.001624
	-0.032314	-0.033375	0.001460	0.003937	-0.062758	-0.063064
	-0.022656	-0.024443	-0.057556	0.020262	0.013024	-0.019413
	-0.069698					
y36	0.046965	-0.016061	0.046747	0.051997	0.039193	-0.068256
	0.031353	0.071584	0.038807	0.008682	0.011148	-0.034255
	-0.024683	0.052799	0.027453	-0.090039	-0.124439	0.034168
	-0.039975	-0.023082	0.024256	-0.028462	-0.058056	0.028843
	-0.033862	0.003289	-0.019560	-0.018847	-0.023276	-0.032828
	0.055112					
z36	-0.006508	-0.036542	-0.010783	-0.011320	0.002736	-0.051323
	0.065736	0.041675	-0.030825	-0.028459	0.002141	0.005065
	0.059461	0.010844	0.073482	-0.045237	0.038739	0.041179
	0.032921	-0.063624	-0.022272	0.052130	-0.006593	-0.045961
	0.033513	-0.057003	0.019758	0.061491	-0.052032	-0.006078
	0.088433					

x37	0.041544	-0.012792	-0.009249	-0.051706	0.060623	0.023706
	0.014882	-0.025517	0.029719	0.011055	-0.026639	-0.053496
	0.052333	-0.009120	0.029475	-0.012708	-0.002853	0.043666
	-0.058690	-0.036565	-0.010746	0.000752	-0.051353	-0.048875
	-0.017240	0.005885	-0.045220	-0.040456	0.046196	-0.031320
	-0.062269					
y37	0.035718	-0.018887	0.036526	0.063821	0.024725	-0.052652
	0.006217	0.052916	0.040486	0.010276	-0.004305	-0.055951
	-0.007851	0.067122	0.022630	-0.099155	-0.116296	-0.003794
	-0.031151	-0.013702	0.002477	-0.020910	-0.070688	-0.017843
	-0.034070	0.043511	0.008608	0.006349	-0.037091	-0.033195
	0.076594					
z37	-0.004727	-0.038272	-0.018426	-0.010351	0.006225	-0.030155
	0.059361	0.043841	-0.048093	-0.016497	-0.008823	0.006271
	0.053974	0.002630	0.058344	-0.030518	0.036001	0.048955
	0.036271	-0.063998	-0.021294	0.032878	0.009163	-0.029117
	0.008018	-0.058329	-0.016420	0.039104	-0.057874	-0.006241
	0.064221					
x38	0.039795	-0.009864	0.000097	-0.056305	0.045463	0.018472
	0.018426	-0.051718	0.005973	0.018897	-0.064768	-0.046787
	0.023134	-0.018999	0.007181	-0.052393	0.039250	0.092099
	-0.082604	-0.024627	-0.050297	-0.004331	-0.041989	-0.015750
	-0.007025	0.052179	-0.041791	-0.057845	0.046751	0.020957
	-0.044938					
y38	0.024172	-0.025992	0.023210	0.075128	0.008407	-0.033244
	-0.023373	0.024329	0.053570	0.018114	-0.027822	-0.090560
	0.017165	0.084334	0.020261	-0.122119	-0.106221	-0.052690
	-0.019655	0.005020	-0.034479	-0.006926	-0.095164	-0.073236
	-0.035404	0.110021	0.049123	0.007248	-0.053437	-0.059481
	0.101257					
z38	-0.000265	-0.040703	-0.032654	-0.004083	0.014778	-0.004529
	0.046263	0.041071	-0.070398	-0.000054	-0.032675	0.003652
	0.050079	-0.009587	0.032087	-0.025685	0.024171	0.061646
	0.031927	-0.069181	-0.001763	0.015098	0.021408	-0.008603
	-0.028257	-0.070857	-0.049279	-0.016040	-0.040454	-0.042802
	0.042724					
x39	0.036692	-0.006683	0.007851	-0.054864	0.039762	0.010283
	0.022310	-0.047065	-0.010240	0.019835	-0.066372	-0.050443
	0.020591	-0.021004	-0.002473	-0.041244	0.049007	0.109362
	-0.074087	-0.008357	-0.042996	0.000443	-0.028018	0.003170
	0.016149	0.044367	-0.046057	-0.033773	0.021133	0.030699
	-0.032118					

y39	0.016644	-0.013026	0.019659	0.063612	0.006631	-0.030612
	-0.025439	0.029387	0.056804	0.018252	-0.027497	-0.104838
	0.039137	0.055465	0.013468	-0.099802	-0.084075	-0.052997
	0.000620	0.032730	-0.031247	-0.010374	-0.083625	-0.013631
	-0.018792	0.057917	0.061635	0.011593	-0.031257	-0.040242
	0.115766					
z39	0.002395	-0.041213	-0.034072	-0.002853	0.010544	-0.010165
	0.042952	0.040187	-0.065268	0.005141	-0.042424	0.011829
	0.047016	-0.007137	0.015765	-0.004667	0.005505	0.035093
	0.055241	-0.067422	-0.026988	0.021850	0.004828	-0.002820
	-0.045795	-0.070933	-0.027207	-0.012022	-0.026151	-0.069180
	0.044929					
x40	0.032455	-0.005712	0.011843	-0.053243	0.040594	0.005574
	0.023195	-0.045904	-0.026633	0.026187	-0.063308	-0.055464
	0.020188	-0.021260	-0.007318	-0.042536	0.050861	0.116033
	-0.064454	0.004662	-0.035135	0.003163	-0.008199	0.013092
	0.037924	0.033616	-0.035077	-0.023786	0.004007	0.038255
	-0.023760					
y40	0.010380	-0.000428	0.016688	0.052502	0.002624	-0.030242
	-0.026058	0.033786	0.058718	0.015788	-0.029758	-0.113769
	0.054296	0.032452	0.006716	-0.078655	-0.063362	-0.049410
	0.019775	0.056520	-0.029259	-0.011067	-0.075733	0.036722
	-0.003262	0.020145	0.061186	0.020772	-0.010996	-0.025190
	0.125307					
z40	0.004441	-0.039718	-0.033816	-0.003150	0.005460	-0.017166
	0.041737	0.040118	-0.061140	0.007665	-0.048415	0.021796
	0.041829	-0.002630	0.001246	0.017632	-0.003370	0.018417
	0.076297	-0.062879	-0.047955	0.028362	-0.013064	0.011713
	-0.055532	-0.068085	-0.013135	0.000692	-0.012023	-0.083950
	0.036888					
x41	0.028985	-0.005940	0.010820	-0.048614	0.041575	0.004650
	0.020507	-0.041525	-0.038937	0.033602	-0.065156	-0.058454
	0.023920	-0.023332	0.001231	-0.032647	0.047308	0.107769
	-0.047866	0.011917	-0.031796	0.015048	-0.007541	0.022650
	0.042941	0.022011	-0.023809	-0.009338	-0.011126	0.030558
	-0.000144					
y41	0.004199	0.010963	0.014829	0.042454	-0.000296	-0.031576
	-0.025633	0.034578	0.057814	0.012480	-0.029093	-0.119344
	0.061534	0.016576	-0.001165	-0.063462	-0.046676	-0.042186
	0.032265	0.071530	-0.030735	-0.018191	-0.060466	0.072861
	0.010796	-0.009021	0.052541	0.023737	0.007210	-0.009821
	0.122723					

z41	0.005391	-0.036936	-0.032943	-0.008561	0.003250	-0.021834
	0.039751	0.036818	-0.055647	0.008594	-0.049042	0.031716
	0.035591	0.002607	-0.010803	0.029009	-0.006085	0.008905
	0.088754	-0.054672	-0.060389	0.034203	-0.022352	0.024834
	-0.052464	-0.062368	0.002030	0.009653	0.000916	-0.083819
	0.018838					
x42	0.024424	-0.003396	0.008275	-0.045582	0.044064	0.005795
	0.018694	-0.037295	-0.044722	0.038100	-0.066375	-0.067289
	0.028030	-0.026615	0.014298	-0.020513	0.041710	0.097545
	-0.033234	0.017978	-0.043907	0.011233	0.011528	0.034020
	0.045411	0.005265	-0.020079	-0.001191	-0.009856	0.023048
	-0.000908					
y42	-0.000980	0.018439	0.012443	0.032936	-0.001221	-0.032714
	-0.026757	0.034000	0.057753	0.011656	-0.029729	-0.112785
	0.060690	0.003858	-0.005106	-0.049317	-0.029811	-0.034503
	0.041384	0.076425	-0.018428	-0.015313	-0.055901	0.097617
	0.025626	-0.027161	0.043292	0.029108	0.011149	-0.000106
	0.111191					
z42	0.007228	-0.034824	-0.032507	-0.012955	0.002079	-0.024818
	0.035006	0.031591	-0.051567	0.009170	-0.045361	0.041267
	0.028976	0.011008	-0.017695	0.036440	-0.010679	0.000486
	0.093177	-0.049435	-0.069527	0.037532	-0.034283	0.029657
	-0.053402	-0.050438	0.018414	0.011664	0.013383	-0.077318
	0.012945					
x43	0.019860	0.001856	0.002832	-0.045967	0.048306	0.005977
	0.015093	-0.036181	-0.050997	0.039588	-0.067439	-0.070461
	0.026241	-0.028905	0.022336	-0.009750	0.028701	0.087966
	-0.015591	0.025645	-0.049382	0.014522	0.022525	0.050816
	0.050366	-0.008625	-0.021181	0.001192	-0.002841	0.024327
	-0.004209					
y43	-0.006463	0.023592	0.009211	0.024089	0.000180	-0.031524
	-0.028491	0.031882	0.060810	0.013656	-0.027654	-0.099804
	0.054497	-0.003274	-0.003541	-0.036853	-0.010444	-0.027870
	0.043160	0.069013	-0.005988	-0.011843	-0.046945	0.105117
	0.037026	-0.031688	0.035172	0.034221	0.008986	0.002963
	0.085905					
z43	0.009784	-0.034013	-0.031857	-0.016274	0.000722	-0.025249
	0.029151	0.026811	-0.047174	0.009070	-0.039727	0.047248
	0.021697	0.019244	-0.019260	0.039944	-0.013938	-0.006724
	0.090245	-0.046150	-0.078617	0.033552	-0.042019	0.030256
	-0.057395	-0.037699	0.033051	0.011039	0.025767	-0.068276
	0.007227					

x44	0.015552	0.006973	-0.001976	-0.046270	0.053518	0.007847
	0.011921	-0.039715	-0.051768	0.038028	-0.066550	-0.067596
	0.019934	-0.025219	0.028411	-0.003521	0.012889	0.073935
	0.001341	0.033465	-0.054533	0.024463	0.030597	0.055955
	0.046861	-0.012876	-0.023685	-0.005686	0.010910	0.030474
	-0.018388					
y44	-0.012675	0.028132	0.002397	0.016972	0.004116	-0.031958
	-0.030710	0.028978	0.060224	0.013840	-0.022349	-0.081507
	0.043153	-0.004787	0.002081	-0.022686	0.006811	-0.020453
	0.041704	0.049654	0.005363	-0.010749	-0.034688	0.102789
	0.043268	-0.028367	0.025674	0.040278	0.006340	-0.006414
	0.056526					
z44	0.013421	-0.032746	-0.031178	-0.021077	-0.000811	-0.023671
	0.023166	0.022570	-0.041899	0.011854	-0.032254	0.050867
	0.013063	0.026276	-0.015827	0.038306	-0.014999	-0.012033
	0.082343	-0.040671	-0.086741	0.026304	-0.052191	0.034149
	-0.056488	-0.024006	0.050084	0.009981	0.042766	-0.050710
	-0.001960					
x45	0.011179	0.012339	-0.011038	-0.050848	0.060972	0.015699
	0.008438	-0.039625	-0.046097	0.034251	-0.058467	-0.057467
	0.004401	-0.022178	0.040014	0.009102	-0.004057	0.048527
	0.007989	0.029886	-0.053068	0.027635	0.031140	0.058696
	0.042953	-0.012137	-0.026823	-0.017851	0.035431	0.030573
	-0.036817					
y45	-0.019317	0.033161	-0.005477	0.015513	0.009999	-0.038802
	-0.030559	0.019521	0.050006	0.006717	-0.013964	-0.059984
	0.026992	0.001284	0.007658	-0.009838	0.018614	-0.009626
	0.041440	0.023157	0.003545	-0.010061	-0.019186	0.084341
	0.038148	-0.023132	0.016177	0.042652	0.007945	-0.032917
	0.022948					
z45	0.018039	-0.031293	-0.031629	-0.028375	-0.001516	-0.018426
	0.015393	0.019044	-0.032783	0.021502	-0.022432	0.053406
	0.006590	0.034712	-0.005361	0.031589	-0.013345	-0.017522
	0.070937	-0.031096	-0.089184	0.018312	-0.067219	0.044770
	-0.054295	-0.003830	0.066832	0.007462	0.064159	-0.013470
	-0.022222					
x46	0.008229	0.014596	-0.018279	-0.056411	0.068975	0.025748
	-0.000007	-0.039686	-0.038870	0.030247	-0.051712	-0.043449
	-0.014426	-0.017069	0.055493	0.024712	-0.025002	0.030842
	0.011282	0.020247	-0.052002	0.020616	0.038528	0.052407
	0.039739	0.000560	-0.031790	-0.027075	0.054242	0.033639
	-0.052908					

y46	-0.024772	0.038003	-0.014965	0.014430	0.015234	-0.045437
	-0.029858	0.010346	0.041924	0.003695	-0.007697	-0.035207
	0.007165	0.009194	0.018611	-0.000769	0.023027	-0.002965
	0.039486	-0.007978	0.000221	-0.009087	-0.012423	0.063308
	0.028341	-0.011438	0.002720	0.038139	0.014095	-0.061611
	-0.016902					
z46	0.021482	-0.028356	-0.034277	-0.036109	0.000721	-0.009822
	0.006219	0.015577	-0.025682	0.031362	-0.005911	0.054397
	-0.000914	0.045606	0.010948	0.024874	-0.009874	-0.024274
	0.058133	-0.024256	-0.089881	0.006264	-0.079882	0.057583
	-0.052284	0.012687	0.082721	0.006758	0.090315	0.032769
	-0.049875					
x47	0.014952	0.010771	0.035029	-0.029730	0.058495	0.039441
	0.028894	0.003111	-0.104753	-0.028652	-0.022206	0.008226
	-0.074695	0.046439	-0.050028	0.086635	0.004921	0.106437
	0.024864	0.001946	-0.031668	0.049417	0.048543	0.045087
	0.052910	0.078266	0.007038	-0.012779	0.046701	-0.076473
	0.045387					
y47	-0.033512	0.045430	-0.048545	0.033376	0.041297	-0.070590
	-0.050670	-0.063357	0.036397	0.036233	0.037507	0.026096
	-0.043429	0.056649	0.029248	-0.016385	0.018966	0.021673
	-0.035093	0.059623	0.082966	0.023785	0.071220	-0.045470
	0.045767	0.010536	0.024173	0.082938	-0.013429	0.118135
	0.040843					
z47	0.056970	-0.059591	0.001813	-0.045127	0.017600	-0.038358
	0.031536	0.023921	-0.008303	0.064366	-0.001787	0.047560
	-0.038213	0.038673	0.010535	-0.014495	-0.064947	0.059105
	0.010576	-0.070525	-0.022576	-0.069860	0.037646	-0.052779
	0.036592	0.075511	-0.042073	0.045144	0.036162	0.011105
	-0.019325					
x48	0.012413	0.018521	0.035707	-0.023290	0.064583	0.048041
	0.019388	-0.002553	-0.102756	-0.028872	-0.018992	0.011182
	-0.074902	0.036603	-0.028418	0.071696	0.007870	0.088962
	0.007207	0.007748	-0.012758	0.056062	0.039659	0.042992
	0.052376	0.059575	0.012175	-0.012804	0.036375	-0.053204
	0.069160					
y48	-0.035856	0.046339	-0.049664	0.022759	0.038561	-0.072795
	-0.045046	-0.057468	0.032258	0.032913	0.033874	0.028083
	-0.035209	0.056758	0.025505	-0.008826	0.012561	0.013144
	-0.030720	0.053232	0.082967	0.015625	0.065649	-0.042934
	0.050788	0.002867	0.019083	0.067832	-0.007331	0.089762
	0.048549					

z48	0.055931	-0.059994	0.000777	-0.042488	0.016534	-0.035598
	0.027658	0.016942	-0.010305	0.053094	0.000827	0.046229
	-0.036259	0.034694	0.005831	-0.019045	-0.055622	0.043995
	0.008577	-0.048716	-0.016448	-0.069408	0.055953	-0.040396
	0.029102	0.067115	-0.021346	0.048540	0.015229	-0.006960
	-0.020648					
x49	0.008620	0.027743	0.034030	-0.017003	0.067026	0.054666
	0.012950	-0.003052	-0.100173	-0.026154	-0.013510	0.015507
	-0.070339	0.027274	-0.012709	0.062576	0.005791	0.070083
	-0.000478	0.016191	-0.004440	0.061733	0.020224	0.044350
	0.042209	0.051520	0.016834	-0.005221	0.039352	-0.028480
	0.072694					
y49	-0.039145	0.050722	-0.051901	0.016263	0.033940	-0.074956
	-0.035302	-0.049146	0.024288	0.030202	0.034205	0.028623
	-0.029100	0.060640	0.019871	0.001920	0.003224	0.008942
	-0.011583	0.050211	0.069470	0.013907	0.053982	-0.036914
	0.046369	0.008521	0.015069	0.059218	0.009670	0.072396
	0.034212					
z49	0.053944	-0.057554	-0.000342	-0.038048	0.015681	-0.033645
	0.026787	0.011732	-0.014808	0.043374	0.004551	0.042669
	-0.036093	0.034964	-0.001488	-0.019704	-0.045952	0.033916
	0.010489	-0.028828	-0.017167	-0.065454	0.069757	-0.031166
	0.016170	0.068841	-0.006316	0.054325	0.004084	-0.020460
	-0.027845					
x50	0.003639	0.031236	0.033742	-0.015911	0.071709	0.059644
	0.003839	-0.002374	-0.096523	-0.029431	-0.009551	0.017557
	-0.067746	0.015392	0.000064	0.049245	0.007312	0.060693
	-0.014859	0.012859	0.002951	0.065568	0.008408	0.039424
	0.040738	0.042175	0.025051	0.002296	0.028775	-0.013278
	0.083610					
y50	-0.042413	0.051560	-0.053836	0.007963	0.031644	-0.075053
	-0.034365	-0.045803	0.022163	0.022755	0.027047	0.024194
	-0.027227	0.060872	0.018898	0.004666	0.000028	0.024596
	0.003928	0.038124	0.069658	0.023698	0.043693	-0.027827
	0.045365	0.014806	0.027700	0.045670	-0.000807	0.063334
	0.009341					
z50	0.052502	-0.055931	-0.001261	-0.036269	0.016264	-0.028475
	0.021899	0.008453	-0.017899	0.034171	0.003758	0.040365
	-0.038708	0.029696	-0.006879	-0.025579	-0.036717	0.031909
	0.006849	-0.014956	-0.012048	-0.055761	0.078115	-0.016319
	0.011457	0.071156	0.019124	0.054712	-0.015848	-0.022903
	-0.036873					

x51	-0.002832	0.034174	0.033606	-0.015630	0.074356	0.063400
	-0.003631	-0.001639	-0.089032	-0.030823	-0.005299	0.018307
	-0.059416	0.006301	0.006449	0.039296	0.007678	0.048591
	-0.022098	0.010497	0.007713	0.064792	-0.009600	0.031506
	0.029828	0.028634	0.024573	0.013948	0.020857	0.001297
	0.092860					
y51	-0.046322	0.056442	-0.053896	0.000013	0.032010	-0.073028
	-0.032477	-0.042099	0.022454	0.016622	0.024885	0.023666
	-0.023003	0.064392	0.011579	0.006208	0.001404	0.026659
	0.010838	0.030064	0.066380	0.013835	0.028627	-0.017034
	0.035452	0.015717	0.021913	0.052395	-0.001925	0.048474
	0.008933					
z51	0.049937	-0.051256	-0.001711	-0.033981	0.019250	-0.022823
	0.017946	0.002736	-0.018769	0.026135	0.005249	0.037626
	-0.039659	0.030487	-0.015993	-0.029480	-0.026124	0.025052
	0.001007	0.000320	-0.008482	-0.054614	0.077528	-0.001559
	-0.001669	0.069866	0.029475	0.062127	-0.029800	-0.024285
	-0.031996					
x52	-0.008812	0.033146	0.033737	-0.014000	0.074952	0.066520
	-0.009219	0.002298	-0.080742	-0.030879	-0.001989	0.014909
	-0.053637	-0.005346	0.013543	0.027969	0.009758	0.036286
	-0.021548	0.005801	0.008271	0.055714	-0.017098	0.017537
	0.025109	0.007724	0.026413	0.021368	0.013758	0.006691
	0.103517					
y52	-0.047963	0.059352	-0.053936	-0.002230	0.031241	-0.067712
	-0.027353	-0.037160	0.018783	0.012424	0.021261	0.018717
	-0.021586	0.069569	0.013812	0.002988	0.008893	0.032626
	0.026444	0.022296	0.062738	0.012031	0.022959	-0.019267
	0.030375	0.011043	0.012561	0.049041	0.003720	0.043468
	0.017724					
z52	0.048049	-0.045880	-0.001890	-0.028383	0.023431	-0.016981
	0.017750	-0.000413	-0.022205	0.018776	0.008661	0.030565
	-0.041276	0.031245	-0.019150	-0.034746	-0.008321	0.020367
	0.003129	0.012846	-0.006003	-0.048294	0.081105	0.003975
	-0.003300	0.059045	0.037400	0.062008	-0.035897	-0.028898
	-0.018210					
x53	-0.015788	0.031508	0.033875	-0.015951	0.075189	0.067005
	-0.014880	0.006458	-0.070313	-0.031474	0.001356	0.011531
	-0.042113	-0.016428	0.017929	0.019336	0.006884	0.025584
	-0.016322	0.000160	0.007732	0.042461	-0.027681	0.001102
	0.017279	-0.002666	0.025782	0.025233	0.012451	0.008194
	0.105992					

y53	-0.049353	0.064272	-0.051279	-0.008638	0.032378	-0.059863
	-0.024880	-0.034384	0.017081	0.007061	0.016862	0.016412
	-0.019048	0.072702	0.015716	0.003034	0.011891	0.036871
	0.037977	0.019952	0.053437	0.006889	0.019370	-0.016289
	0.023906	0.018268	0.011288	0.055928	0.006788	0.041438
	0.026483					
z53	0.046136	-0.038246	-0.000675	-0.025677	0.029362	-0.007992
	0.014691	-0.005042	-0.021456	0.014539	0.008936	0.026212
	-0.040983	0.033088	-0.021043	-0.037886	0.004271	0.016276
	0.002136	0.026328	-0.001909	-0.044231	0.077045	0.012497
	-0.003413	0.061888	0.047366	0.061832	-0.038995	-0.021805
	-0.004552					
x54	-0.024449	0.028011	0.032144	-0.018136	0.073150	0.065727
	-0.017643	0.016298	-0.056772	-0.029387	0.005777	0.008126
	-0.030486	-0.032105	0.017366	0.013011	0.000576	0.010893
	-0.000152	-0.001201	0.002535	0.023637	-0.040297	-0.009760
	0.009256	-0.020309	0.026974	0.032419	0.012275	0.000924
	0.092750					
y54	-0.051631	0.070146	-0.049587	-0.013819	0.034519	-0.053629
	-0.019709	-0.030279	0.013229	0.000587	0.012336	0.016526
	-0.018968	0.071630	0.014461	0.002571	0.009790	0.038623
	0.050794	0.020934	0.040522	0.004138	0.009538	-0.016371
	0.021519	0.011733	0.002955	0.065079	0.021778	0.041117
	0.030397					
z54	0.042215	-0.029175	0.000102	-0.021441	0.037953	-0.001677
	0.014668	-0.010942	-0.026049	0.006318	0.010262	0.020412
	-0.044298	0.031781	-0.026296	-0.042132	0.011958	0.010841
	0.001983	0.039353	-0.003915	-0.037313	0.070285	0.015522
	-0.004276	0.051103	0.050548	0.056674	-0.035744	-0.020089
	0.013569					
x55	-0.032988	0.022179	0.028942	-0.020575	0.068571	0.061314
	-0.018216	0.028177	-0.043540	-0.024691	0.012806	0.002953
	-0.018457	-0.048877	0.014338	0.011777	-0.008273	0.002381
	0.021253	-0.003275	-0.010410	-0.006100	-0.051371	-0.019224
	-0.004023	-0.038065	0.025840	0.036185	0.008403	-0.020023
	0.079455					
y55	-0.052498	0.072875	-0.043143	-0.019887	0.030612	-0.045645
	-0.013256	-0.019650	0.012661	-0.004084	-0.003564	0.020631
	-0.016913	0.072151	0.027131	0.003438	0.011303	0.044437
	0.059509	0.021720	0.035842	-0.010939	-0.003382	0.005715
	0.011705	0.007033	0.004826	0.065627	0.021513	0.037623
	0.001846					

z55	0.040109	-0.023476	0.004825	-0.022963	0.041800	0.008778
	0.014621	-0.008295	-0.020734	0.006675	-0.000941	0.019654
	-0.047244	0.030175	-0.020086	-0.040323	0.027989	0.011551
	-0.007337	0.046661	0.008857	-0.027766	0.058080	0.037291
	0.004977	0.045984	0.061568	0.051244	-0.045688	-0.004834
	-0.001893					
x56	-0.042606	0.014148	0.024733	-0.022710	0.061771	0.055855
	-0.020114	0.045201	-0.026991	-0.021705	0.020111	-0.001275
	-0.003639	-0.060919	0.011834	0.012594	-0.018612	-0.017901
	0.044001	-0.014643	-0.020460	-0.035963	-0.067608	-0.027979
	-0.021863	-0.052714	0.034075	0.029002	0.018544	-0.041064
	0.049177					
y56	-0.051749	0.076798	-0.047478	-0.016854	0.033056	-0.039737
	-0.012666	-0.015406	0.009166	-0.000499	0.006829	0.031094
	-0.019852	0.075742	0.027889	0.008055	0.006262	0.040216
	0.068366	0.010422	0.024839	-0.000279	-0.004183	0.028104
	0.003610	0.012507	-0.006008	0.048693	0.037762	0.034529
	0.031887					
z56	0.037545	-0.015259	0.001025	-0.017776	0.053028	0.013544
	0.012963	-0.014392	-0.021899	0.004540	0.008391	0.017930
	-0.049577	0.032503	-0.020964	-0.035226	0.038351	0.010275
	-0.016987	0.042151	0.013385	-0.007066	0.053960	0.043387
	0.015672	0.049356	0.059927	0.019704	-0.046417	0.002190
	0.032105					
x57	-0.049012	0.004268	0.027500	-0.014181	0.053955	0.041044
	-0.026933	0.039872	-0.014906	-0.023453	0.025749	0.016022
	0.000757	-0.069087	0.000844	0.009114	-0.010494	-0.016586
	0.018259	-0.013733	-0.033017	-0.024943	-0.070609	-0.012572
	-0.019582	-0.031128	0.035145	0.014398	0.019679	-0.051242
	0.026864					
y57	-0.054910	0.077154	-0.043469	-0.022435	0.028465	-0.036949
	-0.010989	-0.010044	0.002984	-0.005514	-0.000329	0.029783
	-0.014704	0.064393	0.031030	0.013158	0.004331	0.038965
	0.051443	0.010972	0.017314	0.001666	0.008983	0.023433
	0.000744	-0.003974	-0.010280	0.032862	0.034368	0.031708
	0.009519					
z57	0.034234	-0.007195	0.000080	-0.018549	0.054559	0.020887
	0.020516	-0.010007	-0.027613	-0.006796	0.011877	0.014472
	-0.044657	0.027437	-0.021958	-0.030420	0.029527	0.001531
	-0.018148	0.043337	0.023018	-0.009599	0.052251	0.037662
	0.020469	0.020094	0.064825	0.006042	-0.041751	-0.010520
	0.025495					

x58	-0.055052	-0.005295	0.030425	-0.006657	0.047213	0.027113
	-0.033353	0.035424	-0.003547	-0.023210	0.030991	0.028382
	0.004407	-0.074084	-0.005570	0.007104	-0.001457	-0.013878
	0.000030	-0.013124	-0.046303	-0.018873	-0.074172	-0.001682
	-0.015082	-0.009762	0.030865	0.005112	0.017285	-0.059110
	0.006487					
y58	-0.057830	0.076800	-0.039214	-0.030730	0.027938	-0.035185
	-0.008550	-0.005061	0.000261	-0.004951	-0.008180	0.025304
	-0.012681	0.052730	0.036426	0.017859	0.003601	0.039315
	0.041058	0.013240	0.004930	-0.002750	0.006638	0.008420
	-0.003449	-0.006531	-0.013201	0.032872	0.024734	0.023078
	-0.004345					
z58	0.030080	-0.000762	-0.000390	-0.019436	0.058907	0.025555
	0.027245	-0.005400	-0.026544	-0.011479	0.014910	0.007169
	-0.041730	0.021917	-0.017724	-0.026298	0.027269	-0.005073
	-0.014151	0.045935	0.023333	-0.017242	0.040842	0.023763
	0.023567	0.013162	0.061474	-0.002186	-0.042496	-0.020568
	0.016866					
x59	-0.060457	-0.013280	0.032001	-0.000312	0.039403	0.016815
	-0.040370	0.032249	0.005574	-0.022423	0.036125	0.035835
	0.006250	-0.072944	-0.009776	0.009922	0.006113	-0.009453
	-0.014559	-0.015914	-0.053798	-0.017619	-0.073668	0.008972
	-0.010648	0.002030	0.024114	0.001394	0.015606	-0.062363
	-0.018206					
y59	-0.061240	0.075507	-0.035442	-0.034822	0.024998	-0.032178
	-0.010372	0.000780	0.002539	-0.006914	-0.013628	0.023324
	-0.006028	0.038870	0.032936	0.018853	0.003901	0.053571
	0.032386	0.023270	0.004084	-0.006629	0.016123	0.016046
	-0.018085	-0.008859	-0.010386	0.012982	0.020004	0.004541
	-0.003292					
z59	0.024893	0.005039	-0.002852	-0.017731	0.060828	0.030887
	0.026448	-0.001945	-0.021694	-0.017780	0.017857	-0.001471
	-0.037389	0.017699	-0.018240	-0.020057	0.025065	0.003829
	-0.003468	0.044521	0.037318	-0.022464	0.044475	0.023262
	0.018597	0.003039	0.061063	-0.019963	-0.045677	-0.031538
	0.007555					
x60	-0.065956	-0.020425	0.032431	0.005601	0.032024	0.008830
	-0.046845	0.026451	0.011326	-0.018884	0.041132	0.040809
	0.005296	-0.071626	-0.016306	0.009442	0.012302	-0.005061
	-0.026742	-0.018239	-0.062845	-0.015211	-0.073869	0.013553
	-0.006067	0.009168	0.019630	-0.002602	0.005739	-0.057096
	-0.024978					

y60	-0.062673	0.069720	-0.030814	-0.039143	0.024241	-0.030988
	-0.011229	0.007810	0.001743	-0.006746	-0.019867	0.027035
	-0.007644	0.031198	0.031917	0.021732	0.005302	0.047933
	0.016545	0.017841	0.006064	0.006743	0.022734	0.006124
	-0.020583	-0.011069	0.000397	0.004203	0.005678	0.017919
	-0.021508					
z60	0.020671	0.006879	-0.002280	-0.016771	0.062703	0.034091
	0.027810	0.006454	-0.013386	-0.019427	0.018331	0.001260
	-0.037649	0.009103	-0.015611	-0.008964	0.028320	0.000946
	-0.009570	0.039534	0.047825	-0.016545	0.042974	0.011431
	0.020226	-0.008663	0.070136	-0.024806	-0.050101	-0.014595
	-0.016856					
x61	-0.070566	-0.025529	0.031349	0.010488	0.022943	0.005137
	-0.052237	0.022778	0.018121	-0.012249	0.047017	0.042347
	0.003245	-0.066023	-0.020622	0.010308	0.015939	0.000051
	-0.033794	-0.020045	-0.069389	-0.016465	-0.075978	0.020980
	-0.001449	0.011380	0.016823	-0.001565	-0.004617	-0.047384
	-0.029196					
y61	-0.063082	0.069024	-0.027228	-0.039894	0.022572	-0.030061
	-0.008718	0.013949	-0.003170	0.000278	-0.023811	0.025333
	-0.005227	0.026827	0.032503	0.024750	0.001280	0.035813
	0.006572	0.014732	-0.001719	-0.001540	0.003521	0.001401
	-0.017686	-0.014986	-0.000019	0.001070	0.008406	0.004939
	-0.025439					
z61	0.015933	0.011973	-0.000679	-0.014675	0.065600	0.032022
	0.028218	0.010202	-0.011973	-0.016932	0.021543	-0.002801
	-0.032724	0.007999	-0.012728	-0.000406	0.030878	-0.005800
	-0.015864	0.036129	0.035698	-0.018758	0.024625	-0.002778
	0.022197	-0.020787	0.047959	-0.025665	-0.043632	-0.016252
	-0.023467					
x62	-0.075116	-0.029735	0.030056	0.014488	0.013039	0.003578
	-0.057442	0.020614	0.022254	-0.004665	0.053000	0.037647
	-0.000191	-0.054062	-0.019974	0.012823	0.020876	0.004310
	-0.037330	-0.023784	-0.075231	-0.021665	-0.072330	0.022685
	0.001894	0.010107	0.011023	0.004676	-0.008989	-0.033514
	-0.041911					
y62	-0.062578	0.069459	-0.025445	-0.042231	0.020996	-0.027126
	-0.000320	0.016446	-0.003346	0.005918	-0.027341	0.027351
	-0.002508	0.014911	0.028428	0.020321	-0.005445	0.027955
	-0.001228	0.016957	-0.001217	-0.015259	-0.020112	0.010163
	-0.016539	-0.017536	0.003460	0.001745	-0.009288	-0.005656
	-0.027712					

z62	0.012423	0.014993	-0.000617	-0.013330	0.067257	0.030490
	0.032289	0.010548	-0.003140	-0.014256	0.023262	-0.002718
	-0.031588	0.000532	-0.011756	-0.000901	0.030455	-0.010354
	-0.024421	0.031417	0.037063	-0.022981	0.004455	-0.001588
	0.022228	-0.023386	0.028213	-0.024321	-0.052473	-0.018883
	-0.026006					
x63	-0.078300	-0.033803	0.028104	0.017602	0.003285	0.004638
	-0.061826	0.016447	0.026726	0.004635	0.060927	0.031432
	-0.003267	-0.041401	-0.018424	0.022617	0.025498	0.017992
	-0.035021	-0.030094	-0.078806	-0.031388	-0.066514	0.022430
	0.014177	0.007109	-0.007744	0.018202	-0.025287	-0.017187
	-0.032704					
y63	-0.064398	0.066701	-0.025389	-0.042764	0.020626	-0.020918
	0.000018	0.022247	-0.009442	0.007120	-0.030979	0.028340
	-0.002148	0.014695	0.021839	0.003466	-0.007789	0.011895
	-0.018224	0.011464	-0.001730	-0.016368	-0.024346	0.015945
	-0.022576	-0.019614	0.027043	-0.006575	-0.006307	0.001598
	-0.031442					
z63	0.004818	0.018524	-0.002407	-0.009875	0.067799	0.032577
	0.026390	0.015370	0.000954	-0.015587	0.024942	-0.004218
	-0.031620	-0.003386	-0.012339	-0.002973	0.037917	-0.015381
	-0.039611	0.022736	0.037024	-0.026587	0.002308	-0.010286
	0.007234	-0.027155	0.033828	-0.020855	-0.037407	-0.007394
	-0.042229					
x64	-0.081873	-0.035493	0.024355	0.018504	-0.006905	0.009817
	-0.067479	0.012078	0.026252	0.016136	0.066515	0.021264
	-0.009460	-0.026374	-0.017886	0.022702	0.022384	0.027086
	-0.029880	-0.037240	-0.080324	-0.039766	-0.062507	0.021435
	0.023184	-0.003808	-0.016765	0.030397	-0.043868	0.007901
	-0.020894					
y64	-0.064756	0.061026	-0.021661	-0.041715	0.015641	-0.015252
	0.005647	0.023223	-0.010276	0.010129	-0.034328	0.024696
	-0.004482	0.012604	0.020353	0.003733	-0.010824	0.003861
	-0.027025	0.013821	-0.004047	-0.019603	-0.034751	0.002348
	-0.019966	-0.019168	0.042118	-0.016831	0.002229	-0.004684
	-0.029303					
z64	-0.002114	0.018230	-0.000340	-0.004988	0.064304	0.031233
	0.023583	0.016146	0.010309	-0.015034	0.027592	-0.008662
	-0.034325	-0.008626	-0.007850	0.006666	0.044157	-0.015230
	-0.050078	0.020823	0.027463	-0.020289	-0.003191	-0.033687
	0.004214	-0.026326	0.023767	-0.018843	-0.020175	-0.004133
	-0.061727					

x65	-0.085351	-0.035831	0.021964	0.018506	-0.018992	0.016922
	-0.071526	0.012172	0.027177	0.028288	0.067380	0.005367
	-0.017075	-0.005393	-0.009324	0.026178	0.021588	0.031636
	-0.024480	-0.043611	-0.079064	-0.057375	-0.062512	0.021416
	0.027621	-0.020471	-0.023760	0.048045	-0.053484	0.038117
	-0.026264					
y65	-0.062779	0.054832	-0.021955	-0.040275	0.014191	-0.008374
	0.012046	0.019173	-0.014279	0.013366	-0.025975	0.026655
	-0.004617	0.013468	0.008784	-0.000496	-0.009849	0.000559
	-0.028705	0.005037	-0.004440	-0.024897	-0.035026	-0.004554
	-0.005021	-0.010466	0.034386	-0.024141	-0.012334	-0.004765
	-0.000454					
z65	-0.008107	0.017693	-0.001453	0.001130	0.062981	0.029066
	0.019016	0.011978	0.014733	-0.015151	0.039744	-0.009183
	-0.035378	-0.015637	-0.011343	0.014000	0.053606	-0.007429
	-0.056703	0.010066	0.017121	-0.022214	0.002744	-0.052339
	0.006233	-0.015732	-0.012567	-0.011118	-0.014174	0.000648
	-0.056979					
x66	-0.090165	-0.036655	0.021371	0.021138	-0.024388	0.015378
	-0.066767	0.010563	0.019576	0.035940	0.069052	-0.001177
	-0.016373	-0.012426	-0.019956	0.000577	0.008266	0.028822
	-0.008364	-0.043007	-0.058297	-0.039677	-0.044483	0.032942
	0.034374	-0.019565	-0.009309	0.046323	-0.044745	0.008964
	-0.001052					
y66	-0.063347	0.051679	-0.017461	-0.040690	0.009634	-0.004713
	0.014309	0.023108	-0.025461	0.018117	-0.029150	0.028505
	-0.002312	0.008454	0.010540	-0.016249	-0.013655	-0.009213
	-0.029445	-0.003390	0.009971	-0.013730	-0.028683	-0.011531
	-0.001804	-0.029210	0.036795	-0.026756	-0.024626	-0.003630
	0.017491					
z66	-0.016544	0.021337	-0.006408	0.008404	0.057970	0.030581
	0.013366	0.000185	0.016914	-0.011778	0.031170	-0.015186
	-0.041261	-0.021109	-0.017026	0.003075	0.048078	-0.000737
	-0.054925	-0.000439	0.029265	-0.016504	0.006523	-0.047589
	0.011357	-0.028403	-0.012711	-0.021702	-0.024880	0.004111
	-0.053421					
x67	-0.093827	-0.036312	0.021833	0.023478	-0.029296	0.012089
	-0.063912	0.010878	0.012883	0.041175	0.066221	-0.009544
	-0.015430	-0.016087	-0.026940	-0.021648	-0.000057	0.022761
	-0.000049	-0.043803	-0.036738	-0.028262	-0.027041	0.038008
	0.030733	-0.023119	0.006399	0.043250	-0.039521	-0.016931
	0.007512					

y67	-0.063213	0.045394	-0.012480	-0.041000	0.007318	-0.001150
	0.017033	0.026475	-0.031719	0.021637	-0.024204	0.037071
	0.004191	0.007249	0.007165	-0.023522	-0.017976	-0.010119
	-0.024895	-0.011626	0.012558	-0.002951	-0.016195	-0.011946
	0.008133	-0.029356	0.031523	-0.016176	-0.024502	-0.003777
	0.040980					
z67	-0.023364	0.021438	-0.009509	0.014960	0.055370	0.034139
	0.010598	-0.010241	0.021576	-0.008000	0.030596	-0.013138
	-0.037724	-0.023599	-0.024372	-0.003122	0.040316	0.010266
	-0.043928	-0.011032	0.035869	-0.017652	0.008227	-0.035447
	0.021170	-0.019849	-0.019683	-0.022192	-0.020659	0.004751
	-0.036301					
x68	-0.094969	-0.036400	0.021861	0.024360	-0.032662	0.010593
	-0.062485	0.010084	0.007870	0.044213	0.061743	-0.012919
	-0.012721	-0.018196	-0.034760	-0.042079	-0.011162	0.018060
	0.011037	-0.046258	-0.010928	-0.020429	-0.013811	0.046549
	0.029859	-0.022530	0.017088	0.034105	-0.041132	-0.036549
	0.022012					
y68	-0.063824	0.039705	-0.006573	-0.040024	0.003402	0.000148
	0.020957	0.031881	-0.037366	0.023351	-0.019145	0.038613
	0.008266	0.007052	0.011313	-0.020743	-0.012341	-0.007746
	-0.030972	-0.017654	0.005769	0.003435	-0.000408	-0.023813
	0.010577	-0.032785	0.020534	0.000134	-0.016219	0.002767
	0.044834					
z68	-0.030554	0.022699	-0.011448	0.021680	0.050852	0.035950
	0.009807	-0.016617	0.021688	-0.004030	0.031075	-0.016816
	-0.036646	-0.022364	-0.027137	-0.003313	0.038956	0.018912
	-0.044407	-0.013063	0.024311	-0.016014	0.015292	-0.035714
	0.018098	-0.025846	-0.024392	-0.012933	-0.011951	0.013180
	-0.028154					
x69	-0.094063	-0.036347	0.022630	0.023894	-0.034374	0.008032
	-0.059915	0.010524	0.001133	0.044026	0.056903	-0.014856
	-0.010840	-0.017062	-0.038526	-0.056189	-0.019568	0.018960
	0.019924	-0.043407	0.012951	-0.010567	-0.001621	0.047377
	0.026364	-0.026121	0.015983	0.025071	-0.043808	-0.048292
	0.033487					
y69	-0.063859	0.035624	-0.003203	-0.037150	-0.003408	0.004245
	0.023180	0.037617	-0.039764	0.024765	-0.014121	0.041606
	0.013267	0.006424	0.013621	-0.019797	-0.011978	-0.014365
	-0.030007	-0.027230	-0.003921	0.000739	0.002481	-0.021236
	0.014052	-0.032962	0.026322	0.007227	-0.000909	0.003725
	0.045350					

z69	-0.036847	0.023513	-0.012588	0.029697	0.045317	0.040639
	0.006093	-0.020907	0.025252	-0.002287	0.030443	-0.019637
	-0.032158	-0.023750	-0.029675	-0.007216	0.035514	0.019225
	-0.042917	-0.026111	0.016604	-0.027130	0.019147	-0.033564
	0.026893	-0.012780	-0.012461	-0.014257	0.001031	0.011737
	-0.021737					
x70	-0.091417	-0.037889	0.024468	0.025518	-0.036127	0.003553
	-0.057498	0.008813	-0.000029	0.041702	0.051914	-0.015482
	-0.005607	-0.014182	-0.041786	-0.064812	-0.028696	0.015183
	0.025376	-0.047513	0.027548	-0.007826	0.008943	0.041751
	0.025346	-0.020520	0.019562	0.010049	-0.051170	-0.056724
	0.043480					
y70	-0.064132	0.034116	-0.000729	-0.037606	-0.007669	0.009902
	0.025425	0.045402	-0.046734	0.025043	-0.011170	0.043379
	0.015142	0.004948	0.016698	-0.021326	-0.013682	-0.012081
	-0.023152	-0.024220	0.001028	-0.002980	0.001163	-0.013478
	0.002556	-0.043215	0.015875	0.022475	0.016941	0.008597
	0.026615					
z70	-0.041693	0.025621	-0.013063	0.033554	0.041388	0.046630
	0.004858	-0.019299	0.021127	0.000616	0.029379	-0.019340
	-0.025160	-0.020756	-0.030229	-0.008729	0.032677	0.024597
	-0.041084	-0.025236	0.015482	-0.028219	0.023691	-0.030502
	0.017265	-0.013826	-0.020948	0.000672	0.017534	0.020480
	-0.023297					
x71	-0.085838	-0.038571	0.025347	0.024244	-0.036265	0.001257
	-0.056420	0.011606	0.001082	0.039528	0.045689	-0.012615
	-0.002536	-0.005717	-0.040484	-0.067906	-0.033508	0.017538
	0.026980	-0.045232	0.047057	-0.009230	0.017597	0.036805
	0.012430	-0.018197	0.016443	0.005543	-0.059159	-0.045628
	0.046898					
y71	-0.065501	0.030295	0.003376	-0.035959	-0.012951	0.013666
	0.028510	0.047974	-0.054823	0.021362	-0.010158	0.041405
	0.019068	0.003114	0.016227	-0.022634	-0.013447	-0.013819
	-0.017667	-0.030715	-0.002646	-0.002304	0.004596	-0.017555
	0.005262	-0.049464	0.009368	0.020527	0.034598	-0.001027
	0.019657					
z71	-0.046762	0.026409	-0.011146	0.041811	0.037449	0.050482
	0.004102	-0.018419	0.016046	-0.003853	0.028822	-0.020566
	-0.013735	-0.021962	-0.031225	-0.011710	0.027381	0.021617
	-0.032729	-0.030914	0.006538	-0.038142	0.027055	-0.034358
	0.026319	-0.000944	-0.022821	0.000901	0.034862	0.011860
	-0.020601					

x72	-0.080999	-0.040092	0.026898	0.022926	-0.037078	-0.001067
	-0.055508	0.011489	0.001266	0.031845	0.040722	-0.014760
	0.005081	0.006006	-0.037614	-0.069258	-0.034809	0.023393
	0.034762	-0.042227	0.052832	-0.013180	0.023252	0.021619
	0.002696	0.000780	0.020408	-0.007262	-0.056786	-0.034513
	0.031151					
y72	-0.064218	0.025470	0.005660	-0.034507	-0.015174	0.019466
	0.030646	0.051894	-0.058386	0.015378	-0.011863	0.044346
	0.016876	0.004489	0.020186	-0.017233	-0.016995	-0.014321
	-0.012992	-0.031555	0.002611	-0.006077	0.005608	-0.020110
	-0.001607	-0.058800	-0.008696	0.031341	0.042501	0.007446
	0.019514					
z72	-0.048002	0.027153	-0.008463	0.049088	0.034236	0.054657
	0.005515	-0.011019	0.011618	-0.003698	0.025862	-0.012468
	-0.002072	-0.022763	-0.032830	-0.010630	0.019605	0.013061
	-0.034773	-0.029984	0.008125	-0.046625	0.033441	-0.031518
	0.020473	-0.010755	-0.031011	0.017527	0.038386	0.014113
	-0.002438					
x73	-0.072976	-0.039847	0.029778	0.020982	-0.034895	-0.003274
	-0.054282	0.016489	0.000344	0.028048	0.029867	-0.010128
	0.008059	0.015092	-0.031924	-0.064111	-0.043709	0.018791
	0.028576	-0.048520	0.061638	-0.026988	0.018912	0.005755
	-0.015176	0.003163	0.009549	-0.017568	-0.050898	-0.014609
	0.023689					
y73	-0.063138	0.018369	0.010057	-0.033788	-0.018337	0.022311
	0.030684	0.054020	-0.058509	-0.001105	-0.008266	0.047289
	0.021468	0.010926	0.020017	-0.015124	-0.004666	-0.002751
	-0.010870	-0.024828	0.002619	-0.003356	0.029379	-0.030146
	-0.001066	-0.050405	-0.022636	0.034912	0.032386	0.004569
	0.016303					
z73	-0.049292	0.025939	-0.006683	0.056537	0.029698	0.059271
	0.005591	-0.008470	0.008540	-0.010942	0.025524	-0.013205
	0.012766	-0.015862	-0.032719	-0.012709	0.019408	0.015710
	-0.023214	-0.023185	0.005602	-0.053874	0.040142	-0.036231
	0.024448	0.000797	-0.023871	0.026402	0.040087	0.012660
	0.005575					
x74	-0.064012	-0.038192	0.032517	0.015319	-0.034612	-0.005461
	-0.051936	0.022039	0.000194	0.018483	0.023874	-0.003572
	0.018121	0.030840	-0.024701	-0.055072	-0.045690	0.019564
	0.025638	-0.041038	0.065752	-0.037326	0.011157	-0.001983
	-0.030493	0.010902	-0.006922	-0.020531	-0.043942	-0.001122
	-0.003891					

y74	-0.061643	0.009328	0.014044	-0.031950	-0.018459	0.026870
	0.029638	0.054223	-0.060020	-0.015733	-0.011792	0.046788
	0.017149	0.014654	0.020284	-0.009862	-0.001517	0.005831
	-0.010804	-0.031636	0.004822	-0.008109	0.047618	-0.052081
	-0.006820	-0.047283	-0.039247	0.033848	0.032772	0.019569
	0.023458					
z74	-0.050069	0.022648	-0.001468	0.065280	0.029346	0.064641
	0.005120	-0.003202	0.004440	-0.018357	0.021992	-0.012884
	0.027508	-0.013389	-0.030144	-0.013879	0.016366	0.014032
	-0.019519	-0.028869	0.006124	-0.066964	0.056583	-0.057381
	0.025791	0.012834	-0.022069	0.031234	0.038613	0.020137
	0.028707					
x75	-0.057366	-0.036424	0.027984	0.006908	-0.031779	-0.007539
	-0.053385	0.022531	0.007218	0.016351	0.024061	-0.003148
	0.018497	0.036684	-0.023300	-0.048674	-0.042694	0.020315
	0.009991	-0.033152	0.075781	-0.020950	0.009221	0.017269
	-0.037535	0.010363	-0.000118	-0.036175	-0.022336	0.003064
	-0.027931					
y75	-0.056849	0.007510	0.012125	-0.030130	-0.026161	0.029519
	0.029811	0.052770	-0.064325	-0.009067	-0.014742	0.043319
	0.017164	0.008585	-0.000725	-0.013489	0.002198	0.010029
	-0.010479	-0.018618	0.003253	-0.007675	0.037711	-0.032431
	-0.007442	-0.036519	-0.052614	0.018683	0.035142	0.032107
	0.033800					
z75	-0.048288	0.026187	-0.002616	0.076930	0.026345	0.065133
	0.002455	0.004970	0.003421	-0.023404	0.015052	-0.008260
	0.037303	-0.009336	-0.038660	-0.016095	0.013045	0.003334
	-0.022566	-0.018075	0.003159	-0.054651	0.047765	-0.052428
	0.019669	0.015350	-0.010798	0.033423	0.061195	0.018438
	0.022943					
x76	-0.048604	-0.032034	0.024021	-0.004242	-0.030550	-0.009985
	-0.051948	0.025345	0.001411	0.020949	0.019373	-0.000507
	0.013398	0.043451	-0.026048	-0.040801	-0.042264	0.012684
	-0.008301	-0.032696	0.075316	-0.018034	0.000184	0.028564
	-0.034479	0.003594	0.003405	-0.032068	0.004007	0.008628
	-0.036746					
y76	-0.052971	0.003401	0.011026	-0.026409	-0.030941	0.031872
	0.027435	0.049088	-0.057357	-0.009344	-0.014727	0.040706
	0.022955	-0.000174	-0.016892	-0.022608	0.004945	0.018615
	-0.011351	0.004411	0.006347	0.003882	0.038181	-0.010004
	-0.020043	-0.025758	-0.059637	-0.007172	0.025533	0.037862
	0.044118					

z76	-0.046960	0.026368	-0.003994	0.086953	0.026261	0.065044
	-0.000114	0.006825	0.007499	-0.029188	0.010194	-0.009878
	0.045616	-0.008110	-0.038803	-0.014254	0.008114	-0.004237
	-0.020676	-0.016452	0.014742	-0.038871	0.045681	-0.055977
	0.013002	0.018302	-0.004091	0.026839	0.066536	0.022735
	0.010069					
x77	-0.037545	-0.029073	0.021292	-0.012347	-0.030279	-0.015751
	-0.051204	0.031827	0.001961	0.020186	0.014115	0.005492
	0.016060	0.049502	-0.023208	-0.024558	-0.035242	0.008395
	-0.028407	-0.027750	0.070336	-0.005277	0.003583	0.031585
	-0.037262	0.007540	-0.011601	-0.048354	0.031691	0.004168
	-0.036259					
y77	-0.049034	0.001118	0.009457	-0.024035	-0.032920	0.036044
	0.027529	0.039850	-0.055449	-0.004503	-0.015561	0.029237
	0.020092	-0.005417	-0.033581	-0.034743	0.002043	0.025621
	-0.006253	0.012879	0.013330	0.003139	0.025053	0.008197
	-0.020100	-0.028311	-0.048830	-0.000515	0.005343	0.049081
	0.034469					
z77	-0.044531	0.026990	-0.003921	0.094314	0.024802	0.065434
	-0.001700	0.007541	0.009271	-0.030622	0.006612	-0.012277
	0.048618	-0.006909	-0.043875	-0.015873	0.003384	-0.007417
	-0.018428	-0.012852	0.023277	-0.026807	0.040550	-0.046488
	0.006696	0.014164	0.011225	0.027132	0.068373	0.029995
	0.008575					
x78	-0.029114	-0.027938	0.019655	-0.020522	-0.026343	-0.018994
	-0.049340	0.037875	0.006889	0.019325	0.006330	0.007248
	0.014172	0.050982	-0.021539	-0.022179	-0.028134	0.006043
	-0.038164	-0.020891	0.072682	0.007818	0.008899	0.047234
	-0.045244	0.003237	-0.014592	-0.047139	0.032915	-0.001897
	-0.025925					
y78	-0.041538	0.001564	0.006344	-0.022217	-0.036509	0.037180
	0.028532	0.028939	-0.057357	0.000248	-0.016935	0.018019
	0.021384	-0.005612	-0.045290	-0.035983	-0.000370	0.027207
	-0.004656	0.013769	0.013503	-0.002330	0.011411	0.007344
	-0.009046	-0.026304	-0.047090	-0.005471	0.003868	0.061237
	0.018762					
z78	-0.039919	0.028920	-0.003708	0.097933	0.020502	0.062258
	-0.001962	0.008633	0.007971	-0.029933	0.005525	-0.011811
	0.052093	-0.005748	-0.049536	-0.009369	0.000545	-0.009392
	-0.019390	-0.005908	0.024256	-0.010871	0.038397	-0.040295
	0.000988	0.008692	0.019657	0.020777	0.073714	0.037216
	0.006328					

x79	-0.022935	-0.024171	0.015088	-0.028299	-0.021986	-0.024960
	-0.046855	0.035081	0.008692	0.019535	0.001113	0.002187
	0.017926	0.054957	-0.022733	-0.014604	-0.022652	0.015936
	-0.053156	-0.020465	0.080538	0.018376	0.010222	0.050402
	-0.048436	-0.000153	-0.006394	-0.041154	0.025908	0.003511
	-0.031509					
y79	-0.030846	-0.000045	0.007665	-0.020521	-0.040285	0.039559
	0.030036	0.024473	-0.054780	0.002377	-0.020696	0.014929
	0.017772	-0.005858	-0.055145	-0.042016	0.000701	0.016509
	0.001537	0.021012	0.007283	-0.005483	0.006062	0.010515
	-0.003179	-0.032785	-0.047503	-0.009274	0.007425	0.059726
	0.016829					
z79	-0.032833	0.030091	-0.000825	0.096780	0.016764	0.059218
	-0.000161	0.011191	0.005926	-0.025803	0.004231	-0.008887
	0.051174	-0.006262	-0.051912	-0.003265	-0.001140	-0.017781
	-0.011497	-0.001039	0.028537	0.005750	0.035361	-0.030849
	0.000451	-0.004121	0.015769	0.019360	0.073467	0.043652
	0.014566					
x80	-0.016370	-0.023868	0.011171	-0.037402	-0.018011	-0.025367
	-0.045297	0.039827	0.012624	0.020230	-0.011515	-0.000218
	0.014725	0.055131	-0.016445	-0.017989	-0.013280	0.025874
	-0.061491	-0.012444	0.089760	0.033307	0.020578	0.053675
	-0.029327	-0.008463	0.011712	-0.034974	0.025598	0.008841
	-0.034622					
y80	-0.019506	0.001153	0.008237	-0.017352	-0.041875	0.037584
	0.034476	0.011944	-0.055192	0.003888	-0.019239	0.006161
	0.019554	-0.002558	-0.066406	-0.040254	-0.005669	0.005778
	0.010400	0.016027	-0.000086	-0.016241	-0.008637	0.002722
	-0.006188	-0.031441	-0.053843	-0.005124	-0.002544	0.052910
	0.011275					
z80	-0.024815	0.032701	0.002113	0.093183	0.012303	0.050431
	0.003527	0.009792	0.003215	-0.020313	0.006230	-0.008461
	0.050602	-0.005020	-0.058790	0.009398	-0.000868	-0.021359
	-0.006262	0.001158	0.027573	0.022893	0.030551	-0.014426
	-0.010200	-0.027364	0.009454	0.014301	0.063514	0.047405
	0.034330					
x81	-0.009247	-0.024306	0.009683	-0.044808	-0.012489	-0.024659
	-0.039799	0.044763	0.007954	0.020846	-0.016352	0.005235
	0.019188	0.048003	-0.021285	-0.009512	-0.012722	0.029468
	-0.081565	-0.009396	0.094224	0.038000	0.021473	0.042603
	-0.027458	-0.020006	0.015096	-0.028963	0.026990	0.010587
	-0.009540					

y81	-0.007483	0.002328	0.007438	-0.013614	-0.044643	0.034273
	0.036287	-0.004755	-0.044753	0.005061	-0.024021	-0.014498
	0.013215	0.011078	-0.066989	-0.046059	-0.003509	0.001013
	0.033547	0.011634	0.000750	-0.020756	-0.016478	0.002211
	0.005903	-0.031689	-0.045589	-0.000684	-0.020324	0.050686
	-0.026340					
z81	-0.014899	0.034374	0.005502	0.087021	0.006913	0.041287
	0.006342	0.007956	0.002476	-0.009569	0.005191	-0.011346
	0.044465	-0.003703	-0.060975	0.021342	0.000280	-0.022066
	0.002608	0.001058	0.029718	0.044863	0.031598	0.003877
	-0.019771	-0.047897	0.005738	0.011335	0.043538	0.056911
	0.042297					
x82	-0.001811	-0.023337	0.008147	-0.049404	-0.009196	-0.024042
	-0.031974	0.042962	-0.000405	0.016198	-0.024463	-0.002058
	0.024959	0.041907	-0.026753	-0.001317	-0.007213	0.032302
	-0.093398	-0.002228	0.090511	0.034034	0.011686	0.018933
	-0.018523	-0.040762	-0.007975	-0.038013	0.047376	0.018735
	0.007779					
y82	0.005552	0.001747	0.009131	-0.011604	-0.044047	0.029108
	0.036252	-0.016291	-0.030307	0.011502	-0.024423	-0.024290
	0.006699	0.023468	-0.066139	-0.050914	-0.006804	-0.004807
	0.054421	0.002958	0.005818	-0.017353	-0.016115	0.004402
	0.017500	-0.028402	-0.013323	0.025717	-0.059987	0.038023
	-0.059701					
z82	-0.003361	0.035389	0.009342	0.075985	0.000229	0.032442
	0.010577	0.007426	0.002893	0.007341	0.003969	-0.012396
	0.034733	-0.005574	-0.064449	0.037659	0.000996	-0.022765
	0.006686	-0.004803	0.035002	0.067278	0.036033	0.027804
	-0.024215	-0.072276	0.000418	0.008577	0.009764	0.072314
	0.054287					
x83	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					
y83	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					

z83	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x84	-0.001559	0.041954	-0.035479	0.016383	-0.022689	0.042147
	0.041093	-0.014694	-0.028007	0.000030	-0.050535	-0.047370
	-0.032399	0.015841	0.037907	-0.045778	-0.004775	-0.022031
	-0.055711	0.011318	-0.018117	-0.050143	-0.021895	-0.051748
	0.078639	0.054482	0.019286	-0.042760	0.027643	0.072234
	0.024088					
y84	-0.006435	-0.005967	0.027650	0.015561	-0.032885	-0.029508
	0.021926	-0.027556	0.028181	-0.004932	0.008206	0.011061
	-0.054115	-0.014506	0.004166	0.000614	0.008854	0.009001
	0.006908	0.038786	0.009045	0.021464	-0.029134	-0.007292
	-0.021867	-0.018548	0.012920	0.001296	0.016774	0.060060
	-0.080160					
z84	0.030255	-0.015337	-0.035873	-0.008301	0.031479	-0.038855
	-0.059516	0.032640	-0.067332	0.046870	0.033330	-0.033216
	0.008877	0.004069	0.113362	0.009310	0.023844	-0.051084
	-0.044005	-0.005916	-0.044639	-0.020180	-0.019244	-0.003926
	0.033721	-0.018565	-0.028159	-0.021575	-0.031527	0.041781
	0.050335					
x85	0.000352	0.042469	-0.027974	0.019021	-0.018771	0.044339
	0.036384	-0.010545	-0.022226	0.005143	-0.040763	-0.021741
	-0.027806	0.027251	0.032124	-0.054364	-0.004864	-0.037005
	-0.028767	0.012180	-0.015939	-0.019965	-0.006913	-0.055058
	0.061495	0.063693	0.014698	-0.024693	0.010815	0.029606
	0.020678					
y85	-0.006514	-0.008288	0.023830	0.026986	-0.030572	-0.032346
	0.020179	-0.029745	0.019301	-0.002653	0.011273	0.002539
	-0.046621	-0.012309	0.013801	0.001838	0.028557	0.012618
	-0.002581	0.019377	0.000817	0.005563	-0.037933	-0.011549
	-0.014704	-0.032257	0.005174	-0.013510	0.011121	0.084834
	-0.066253					
z85	0.033718	-0.010666	-0.037334	-0.004690	0.032203	-0.034259
	-0.054592	0.028447	-0.065220	0.044000	0.033971	-0.038044
	0.004047	0.007474	0.109053	0.020074	0.020876	-0.046262
	-0.041966	-0.016500	-0.028044	-0.020279	-0.013666	-0.013905
	0.051456	-0.004869	-0.040261	-0.001649	-0.040630	0.029396
	0.037806					

x86	0.001841	0.043982	-0.020370	0.022196	-0.016781	0.043909
	0.034929	-0.005958	-0.018252	0.001571	-0.034108	-0.004675
	-0.017922	0.031515	0.028622	-0.054520	-0.002668	-0.053471
	-0.007205	0.018360	-0.021241	-0.006771	0.007796	-0.049394
	0.053668	0.067889	0.004332	-0.016380	0.000452	0.014545
	0.019384					
y86	-0.004959	-0.010190	0.016900	0.034850	-0.026336	-0.031544
	0.018912	-0.035481	0.011876	0.006180	0.019114	-0.003141
	-0.048954	0.001323	0.018002	-0.000067	0.037933	0.014098
	-0.012534	-0.012965	0.009455	0.003543	-0.038304	-0.027283
	-0.013457	-0.039504	0.008113	-0.025582	0.001106	0.087944
	-0.056102					
z86	0.038793	-0.007045	-0.037396	-0.006656	0.031540	-0.026095
	-0.050398	0.026857	-0.058186	0.046532	0.034408	-0.036545
	-0.001224	0.013221	0.103590	0.031260	0.014917	-0.045086
	-0.036486	-0.026162	-0.004895	-0.010186	0.000906	-0.026554
	0.069120	0.011439	-0.043366	0.011697	-0.048453	0.010503
	0.025975					
x87	0.001225	0.045380	-0.013347	0.023021	-0.016731	0.044289
	0.032436	-0.001766	-0.012288	-0.003446	-0.030742	0.007615
	-0.015220	0.033044	0.029916	-0.058449	0.003729	-0.067436
	0.003848	0.017320	-0.023571	0.002635	0.014616	-0.046610
	0.037825	0.065489	-0.005462	-0.010904	-0.006605	0.018055
	0.002803					
y87	0.000481	-0.011096	0.009250	0.043784	-0.021987	-0.031108
	0.019172	-0.040307	0.001639	0.016832	0.028026	-0.007043
	-0.041166	0.012409	0.017745	0.005175	0.033486	0.018438
	-0.009414	-0.027978	0.012071	0.013173	-0.027903	-0.036251
	-0.002160	-0.040382	0.022660	-0.030956	-0.003255	0.060135
	-0.038793					
z87	0.042291	-0.003175	-0.036785	-0.009153	0.028414	-0.019665
	-0.045677	0.026043	-0.052545	0.046033	0.033539	-0.034700
	-0.004248	0.018170	0.098178	0.037445	0.008233	-0.051192
	-0.027253	-0.033158	0.009512	-0.002969	0.011108	-0.031114
	0.082299	0.021277	-0.043761	0.020533	-0.047637	-0.000967
	0.006479					
x88	0.001533	0.046689	-0.009544	0.026422	-0.014395	0.041723
	0.030913	0.000654	-0.008293	-0.007765	-0.022580	0.018091
	-0.011859	0.034951	0.026652	-0.059453	0.007818	-0.068192
	0.013967	0.019304	-0.028895	0.013260	0.025196	-0.047644
	0.021997	0.061163	-0.017725	-0.006757	-0.017757	0.012603
	0.009535					

y88	0.004042	-0.012387	0.004065	0.048701	-0.020142	-0.027850
	0.018962	-0.043657	-0.004809	0.022834	0.028590	-0.010007
	-0.035568	0.014964	0.024192	0.011408	0.033285	0.013970
	-0.006035	-0.037846	0.014797	0.015463	-0.028638	-0.040135
	0.012713	-0.045767	0.043133	-0.030588	0.000924	0.036933
	-0.052770					
z88	0.044666	0.000662	-0.035089	-0.011418	0.023899	-0.015465
	-0.040219	0.025449	-0.043834	0.042434	0.034429	-0.030907
	-0.003359	0.017859	0.091840	0.042507	0.007221	-0.046304
	-0.025211	-0.032355	0.017937	-0.002920	0.017905	-0.032254
	0.084799	0.031637	-0.046540	0.027344	-0.048938	-0.010116
	0.002942					
x89	0.001047	0.046439	-0.007666	0.028126	-0.013247	0.041132
	0.026951	0.000748	-0.004709	-0.008919	-0.016871	0.029251
	-0.009132	0.037656	0.022624	-0.064484	0.004556	-0.073684
	0.025283	0.025151	-0.036586	0.023050	0.036030	-0.039887
	0.010337	0.061391	-0.012455	-0.009507	-0.024196	0.014361
	0.010184					
y89	0.007959	-0.010899	0.001149	0.053036	-0.017869	-0.027431
	0.019542	-0.045374	-0.007906	0.023832	0.030419	-0.016653
	-0.029728	0.011857	0.031825	0.019371	0.038833	0.023975
	-0.013450	-0.042929	0.027017	0.008767	-0.037465	-0.050740
	0.026745	-0.057327	0.055171	-0.021980	-0.001768	0.012260
	-0.043201					
z89	0.044432	0.003865	-0.032834	-0.015121	0.016182	-0.009249
	-0.032563	0.022816	-0.037819	0.037128	0.032339	-0.025510
	-0.001415	0.012935	0.082856	0.039404	-0.000907	-0.038762
	-0.020574	-0.019557	0.017738	-0.007494	0.017151	-0.023538
	0.076551	0.045736	-0.035874	0.022207	-0.042812	-0.017600
	0.007823					
x90	0.002019	0.045410	-0.006043	0.029868	-0.010006	0.038261
	0.024408	0.003161	0.002213	-0.013696	-0.011784	0.039944
	-0.005359	0.041841	0.027010	-0.058396	0.008665	-0.072790
	0.036613	0.027727	-0.036645	0.034245	0.043542	-0.033286
	0.009257	0.055502	-0.017071	-0.009388	-0.027506	0.016602
	0.004256					
y90	0.011206	-0.010291	-0.003382	0.058007	-0.018538	-0.024528
	0.021150	-0.047461	-0.012550	0.028051	0.030307	-0.024222
	-0.021432	0.005421	0.030708	0.024132	0.032825	0.033471
	-0.025954	-0.047821	0.029044	-0.007511	-0.048308	-0.054417
	0.028684	-0.051760	0.073147	-0.020662	-0.014173	-0.009005
	-0.026633					

z90	0.045491	0.005904	-0.028996	-0.018005	0.008852	-0.006276
	-0.022705	0.024221	-0.030353	0.027958	0.031375	-0.018645
	0.002641	0.017001	0.082174	0.046736	0.000637	-0.031977
	-0.013105	-0.010833	0.014279	-0.009807	0.020058	-0.014678
	0.070563	0.057568	-0.039871	0.027461	-0.018802	-0.022472
	0.004694					
x91	0.000655	0.047068	-0.003041	0.028651	-0.009592	0.036300
	0.025466	-0.003597	0.010909	-0.019976	-0.014492	0.040832
	0.003927	0.015035	0.029749	-0.047468	0.004585	-0.048372
	0.029545	0.042805	-0.028930	0.005335	0.023961	-0.023721
	0.006983	0.032327	0.004177	-0.013345	-0.044398	0.008043
	0.006755					
y91	0.018477	-0.013941	-0.013594	0.064597	-0.013629	-0.023453
	0.016806	-0.040330	-0.021747	0.035853	0.039563	-0.016571
	-0.024028	0.045308	0.027010	0.015110	0.032919	0.006373
	-0.007364	-0.066060	0.024284	0.031632	-0.018850	-0.058316
	0.035753	-0.021537	0.063467	-0.025214	0.009320	-0.011156
	-0.022358					
z91	0.044572	0.009511	-0.025392	-0.021856	0.000533	-0.002827
	-0.013294	0.022386	-0.025820	0.019146	0.028748	-0.014299
	0.009108	0.010887	0.075921	0.044198	-0.008862	-0.026854
	-0.011852	0.000998	0.007634	-0.020473	0.014419	0.000687
	0.060582	0.058107	-0.033513	0.020453	-0.008153	-0.024219
	0.011720					
x92	0.001316	0.046935	-0.005063	0.027412	-0.005681	0.034874
	0.021190	-0.009540	0.018094	-0.017849	-0.015371	0.043519
	0.005525	0.007236	0.026644	-0.043526	-0.004867	-0.041668
	0.027159	0.041154	-0.019797	-0.001563	0.022539	-0.016935
	0.018166	0.013152	0.012918	-0.023313	-0.060974	0.016947
	0.004262					
y92	0.023612	-0.013879	-0.019156	0.066589	-0.012670	-0.020518
	0.022554	-0.036420	-0.026622	0.035289	0.040673	-0.017947
	-0.015667	0.048116	0.034914	0.023024	0.033489	0.014981
	-0.005351	-0.059336	0.026047	0.020404	-0.028901	-0.054343
	0.034929	0.000245	0.078728	-0.010745	0.031964	-0.027479
	-0.027624					
z92	0.044400	0.014412	-0.022982	-0.026221	-0.007205	-0.000675
	-0.004572	0.017772	-0.021588	0.015820	0.024089	-0.011318
	0.012717	0.007076	0.062381	0.043459	-0.018337	-0.029207
	-0.017801	0.003461	0.004387	-0.031717	0.009460	0.005689
	0.053695	0.051405	-0.037948	0.018008	-0.005040	-0.033753
	0.021599					

x93	0.002299	0.045965	-0.005148	0.026881	-0.000996	0.030510
	0.019703	-0.013082	0.027483	-0.020711	-0.013310	0.043501
	0.008055	-0.003585	0.031946	-0.026967	-0.006916	-0.018085
	0.025918	0.037972	-0.010799	-0.015135	0.014470	-0.014309
	0.034464	-0.002211	0.024427	-0.024989	-0.071275	0.017054
	-0.001488					
y93	0.029563	-0.013503	-0.028911	0.068808	-0.013213	-0.014712
	0.024506	-0.033623	-0.032658	0.037882	0.038711	-0.019054
	-0.007904	0.055927	0.034575	0.022830	0.026225	0.006836
	-0.009346	-0.046228	0.025992	0.009458	-0.028390	-0.039067
	0.029654	0.023505	0.081636	-0.000408	0.051320	-0.035667
	-0.022941					
z93	0.043714	0.016977	-0.017037	-0.030490	-0.014794	-0.000111
	0.006308	0.017115	-0.016846	0.006088	0.024395	-0.004512
	0.017837	0.006289	0.056859	0.043679	-0.024285	-0.023342
	-0.013152	0.005778	-0.006611	-0.035963	0.004343	0.008334
	0.044765	0.053662	-0.034426	0.009921	0.012748	-0.041195
	0.034137					
x94	0.002672	0.046775	-0.000453	0.028916	0.001449	0.030418
	0.018298	-0.012652	0.030751	-0.021878	-0.009264	0.043078
	0.004146	-0.004045	0.036108	-0.025369	-0.013557	-0.007104
	0.034425	0.030683	-0.002681	-0.000116	0.017164	-0.000215
	0.036424	-0.014031	0.026255	-0.029688	-0.071419	0.023446
	-0.000990					
y94	0.033474	-0.010763	-0.036382	0.070097	-0.016557	-0.009992
	0.030090	-0.036759	-0.044318	0.033776	0.044185	-0.026656
	-0.000139	0.057219	0.037265	0.020113	0.021409	-0.006092
	-0.004052	-0.031860	0.014484	-0.009696	-0.014489	-0.026540
	0.012002	0.010766	0.078080	-0.005062	0.073810	-0.045743
	-0.005450					
z94	0.041389	0.019612	-0.011359	-0.041382	-0.025787	0.000524
	0.015716	0.011559	-0.011391	0.001284	0.024735	-0.003070
	0.024347	0.004183	0.048784	0.035952	-0.037331	-0.016462
	-0.013592	0.004241	-0.016777	-0.034115	0.006221	0.014064
	0.040501	0.034704	-0.054412	0.008217	0.024149	-0.031731
	0.031863					
x95	0.002457	0.046276	0.005326	0.030460	0.002677	0.028660
	0.015341	-0.013119	0.035129	-0.024084	-0.009392	0.044261
	0.004067	-0.002598	0.037859	-0.024761	-0.017836	-0.002965
	0.041804	0.028748	-0.002504	0.002776	0.025271	0.014764
	0.032791	-0.020361	0.034994	-0.037200	-0.066010	0.027581
	-0.007505					

y95	0.036311	-0.007140	-0.043046	0.070172	-0.016812	-0.004574
	0.035976	-0.036409	-0.054392	0.029890	0.051865	-0.035234
	0.006398	0.057084	0.040084	0.015862	0.018734	-0.008257
	-0.001612	-0.018718	0.011375	-0.011448	-0.010965	-0.013441
	0.001453	0.000349	0.066337	-0.004454	0.089671	-0.049794
	0.009375					
z95	0.038301	0.021233	-0.003562	-0.051260	-0.038658	0.001181
	0.021863	0.004438	-0.003843	-0.004978	0.016903	-0.000601
	0.031555	0.003496	0.040601	0.026655	-0.048400	-0.017703
	-0.012804	0.008045	-0.029064	-0.045443	0.018905	0.021833
	0.025905	0.020564	-0.061445	-0.007148	0.031506	-0.026834
	0.023531					
x96	0.002983	0.044823	0.009258	0.032663	0.006487	0.024676
	0.012669	-0.012012	0.039874	-0.023879	-0.007031	0.047358
	0.002985	-0.000677	0.039042	-0.019396	-0.019524	0.004651
	0.050425	0.025266	0.001233	0.010278	0.027693	0.022682
	0.027614	-0.019740	0.040950	-0.032662	-0.061933	0.024409
	-0.007706					
y96	0.039166	-0.004087	-0.046810	0.069110	-0.019962	0.001831
	0.040888	-0.038402	-0.062583	0.026119	0.053653	-0.044641
	0.013854	0.057140	0.041247	0.010939	0.012562	-0.010716
	-0.002391	-0.006389	0.002554	-0.021175	-0.001889	-0.000476
	-0.008073	-0.009460	0.050401	-0.019590	0.096629	-0.043258
	0.017528					
z96	0.035038	0.021527	0.001715	-0.059010	-0.045630	-0.000440
	0.025958	0.000861	0.006010	-0.008780	0.016001	0.004926
	0.035165	0.000986	0.032821	0.022727	-0.053679	-0.013888
	-0.006601	0.006234	-0.027468	-0.044282	0.025016	0.023587
	0.012389	0.014280	-0.059362	-0.002855	0.038813	-0.037071
	0.025188					
x97	0.003856	0.043517	0.012260	0.036616	0.010760	0.021083
	0.013170	-0.012179	0.041045	-0.024537	-0.002235	0.048208
	0.001033	0.002674	0.040591	-0.012183	-0.017549	0.015631
	0.058766	0.025172	-0.003095	0.016184	0.029428	0.024535
	0.023666	-0.018659	0.038646	-0.032094	-0.052714	0.025030
	0.001022					
y97	0.041511	-0.002503	-0.049286	0.066044	-0.021981	0.007505
	0.043326	-0.040711	-0.066182	0.023429	0.054849	-0.052243
	0.021162	0.056865	0.040153	0.008788	0.004631	-0.011205
	-0.002063	0.002438	-0.002001	-0.031971	0.009398	0.009222
	-0.019705	-0.013167	0.041954	-0.027805	0.097965	-0.046031
	0.017856					

z97	0.032350	0.022879	0.007664	-0.062333	-0.051374	-0.000277
	0.033656	-0.003827	0.012716	-0.014944	0.016938	0.010320
	0.040621	-0.000566	0.028929	0.024280	-0.047725	-0.002683
	0.000966	0.007016	-0.031595	-0.040979	0.031602	0.021754
	0.011681	0.009007	-0.067458	-0.010684	0.046817	-0.027356
	0.037152					
x98	0.004650	0.040972	0.015545	0.035161	0.013601	0.020151
	0.011646	-0.009289	0.046339	-0.019739	-0.003376	0.047596
	-0.002108	0.007978	0.041688	-0.010223	-0.022272	0.019520
	0.062964	0.023875	-0.001297	0.021965	0.025087	0.030561
	0.018502	-0.012158	0.044721	-0.024375	-0.046194	0.029559
	-0.005914					
y98	0.042889	-0.000606	-0.050655	0.062635	-0.022321	0.013901
	0.046881	-0.043089	-0.068806	0.018862	0.055705	-0.057883
	0.029163	0.054950	0.040701	0.009328	0.004477	-0.010491
	-0.002516	0.011530	-0.004244	-0.037423	0.021147	0.011181
	-0.024526	-0.015970	0.031985	-0.039941	0.097420	-0.043373
	0.016433					
z98	0.030579	0.021763	0.014180	-0.067861	-0.058953	0.001138
	0.035944	-0.004846	0.022938	-0.015859	0.009614	0.013365
	0.042840	0.000103	0.025395	0.018031	-0.057715	0.003397
	0.007966	0.001325	-0.022030	-0.037116	0.023784	0.029754
	-0.000568	0.008795	-0.060320	-0.021239	0.039437	-0.015431
	0.038811					
x99	0.005172	0.038960	0.017176	0.034838	0.018043	0.014964
	0.009691	-0.009015	0.047478	-0.015327	-0.002270	0.046214
	-0.003238	0.014860	0.038873	-0.001269	-0.025647	0.022924
	0.065852	0.018908	-0.006112	0.016609	0.023585	0.029752
	0.010620	-0.007882	0.041421	-0.009504	-0.038602	0.025314
	-0.014186					
y99	0.044598	0.000511	-0.049884	0.058829	-0.022287	0.020880
	0.051569	-0.043679	-0.068719	0.013731	0.054483	-0.061830
	0.036362	0.051453	0.042690	0.010754	0.002414	-0.006275
	-0.002635	0.016353	0.001811	-0.035427	0.026611	0.009409
	-0.025531	-0.016773	0.018914	-0.059061	0.086465	-0.035656
	0.020608					
z99	0.027410	0.021088	0.019157	-0.070799	-0.062491	-0.002594
	0.034410	-0.008494	0.031706	-0.015857	0.005613	0.014378
	0.045516	0.001260	0.018305	0.022782	-0.058819	0.013252
	0.015719	-0.009898	-0.018080	-0.045620	0.026415	0.034890
	-0.016322	0.006032	-0.064176	-0.017025	0.026011	-0.015575
	0.029571					

x100	0.006129	0.037027	0.018125	0.034025	0.021385	0.010492
	0.007610	-0.009660	0.050061	-0.008762	-0.002435	0.044034
	-0.008211	0.022044	0.035288	0.002333	-0.029399	0.026154
	0.065305	0.015042	-0.013046	0.010718	0.015200	0.026249
	0.007052	-0.001328	0.040707	0.002516	-0.029012	0.015985
	-0.014738					
y100	0.046008	0.000415	-0.047447	0.054733	-0.021273	0.027526
	0.055761	-0.045586	-0.066157	0.008232	0.051423	-0.063681
	0.044799	0.046452	0.043296	0.014384	-0.002870	0.000484
	-0.001354	0.017439	0.013542	-0.033478	0.033339	0.007924
	-0.026410	-0.015474	0.002914	-0.081124	0.066542	-0.026452
	0.023378					
z100	0.023236	0.023106	0.025020	-0.074759	-0.067404	-0.004653
	0.031218	-0.015052	0.042176	-0.014052	-0.000633	0.014936
	0.039555	0.001627	0.007908	0.018038	-0.054849	0.027250
	0.017854	-0.022264	-0.016309	-0.042245	0.024301	0.029150
	-0.016183	0.006667	-0.056125	-0.015208	0.016288	-0.020886
	0.036061					
x101	0.006842	0.033811	0.020146	0.033207	0.024384	0.006069
	0.007662	-0.011388	0.051541	-0.004418	-0.003650	0.042020
	-0.010196	0.030188	0.033594	0.004574	-0.032256	0.025793
	0.064936	0.014819	-0.023304	0.001727	0.002815	0.025057
	-0.006820	0.009845	0.041349	0.019240	-0.016075	0.014204
	-0.023427					
y101	0.046703	-0.000338	-0.041885	0.049435	-0.020525	0.033994
	0.059931	-0.046307	-0.060684	0.001531	0.045383	-0.063844
	0.053301	0.041524	0.042371	0.018239	-0.007554	0.011146
	-0.000471	0.015389	0.027794	-0.030038	0.038728	0.004322
	-0.025139	-0.011833	-0.010072	-0.107920	0.043525	-0.013274
	0.022046					
z101	0.019320	0.025076	0.031898	-0.074663	-0.071216	-0.003786
	0.031429	-0.022074	0.049859	-0.016616	-0.005909	0.015807
	0.038975	0.002713	0.004694	0.011772	-0.044747	0.038238
	0.022607	-0.028009	-0.014901	-0.038961	0.009885	0.032116
	-0.038659	0.010384	-0.047710	-0.010176	0.006878	-0.002380
	0.027253					
x102	0.007235	0.029463	0.019975	0.028855	0.026827	0.002749
	0.003513	-0.008614	0.055038	0.008380	-0.007942	0.037220
	-0.013988	0.041089	0.029103	0.009390	-0.035451	0.027366
	0.058931	0.019922	-0.037600	-0.010777	-0.007858	0.017425
	-0.012400	0.027172	0.047672	0.038938	0.002518	0.007265
	-0.038802					

y102	0.047031	-0.001339	-0.034312	0.043770	-0.019229	0.040234
	0.064143	-0.045892	-0.053966	-0.005607	0.038366	-0.064372
	0.061298	0.036380	0.041825	0.023383	-0.011282	0.024864
	0.001457	0.012550	0.044025	-0.023149	0.042305	-0.002031
	-0.020789	-0.008197	-0.026613	-0.139509	0.010930	0.000968
	0.018603					
z102	0.014920	0.024313	0.033054	-0.078761	-0.073873	-0.002709
	0.023280	-0.021037	0.065058	-0.007997	-0.014896	0.008774
	0.036374	0.004487	0.006438	0.009854	-0.030081	0.051865
	0.026686	-0.019814	-0.005363	-0.031075	0.001065	0.036494
	-0.037417	0.009998	-0.031341	-0.008338	-0.002261	-0.001949
	0.006199					
x103	0.007810	0.027648	0.017564	0.026091	0.029358	0.002210
	0.005393	-0.008899	0.045123	0.008322	-0.006761	0.027848
	-0.003069	0.046863	0.031019	0.021943	-0.038024	0.034907
	0.049882	0.020625	-0.031563	-0.019505	-0.018724	0.012344
	-0.015855	0.014409	0.032601	0.049275	0.011748	0.014207
	-0.044254					
y103	0.043538	-0.000050	-0.031931	0.034469	-0.021501	0.049898
	0.060623	-0.034338	-0.051046	-0.001481	0.022777	-0.053235
	0.068557	0.037098	0.044429	0.023337	-0.017640	0.019632
	0.005245	0.022579	0.040510	-0.025965	0.035917	-0.012432
	-0.040746	-0.008655	-0.013174	-0.104169	0.002148	0.007563
	0.003614					
z103	0.010815	0.026365	0.037003	-0.079177	-0.068580	-0.003572
	0.018037	-0.029384	0.074852	-0.006743	-0.021029	-0.002885
	0.033392	0.004113	0.000360	0.004770	-0.012630	0.053669
	0.034211	-0.019974	0.007358	-0.017595	-0.012593	0.029548
	-0.018496	0.011636	-0.019159	0.002018	-0.004612	-0.001426
	-0.005574					
x104	0.007852	0.024285	0.016209	0.022938	0.030411	-0.001421
	0.006754	-0.005701	0.038253	0.007337	-0.003727	0.022069
	0.006854	0.052629	0.030731	0.035752	-0.036256	0.040255
	0.041544	0.024697	-0.029227	-0.022900	-0.022545	0.009607
	-0.018051	0.010698	0.011500	0.052867	0.015379	0.018568
	-0.048244					
y104	0.040187	0.001471	-0.028150	0.025046	-0.023924	0.057047
	0.057087	-0.021666	-0.047167	0.004835	0.012505	-0.040237
	0.074430	0.037892	0.041589	0.022756	-0.021202	0.014662
	0.006822	0.034802	0.030831	-0.025593	0.029167	-0.016876
	-0.054940	-0.007313	-0.007960	-0.068563	-0.002030	0.010346
	-0.011449					

z104	0.007886	0.028198	0.042312	-0.079671	-0.064491	-0.006329
	0.016912	-0.028604	0.080329	-0.003509	-0.016440	-0.001997
	0.033847	-0.001425	-0.010711	0.007914	0.003631	0.047991
	0.026038	-0.010465	0.001327	-0.005647	-0.017007	0.030018
	0.003565	0.018368	-0.025321	0.016341	0.004140	-0.014777
	-0.011986					
x105	0.008104	0.021034	0.016663	0.019114	0.031813	-0.002842
	0.005382	-0.003200	0.030021	0.005837	-0.004195	0.019068
	0.015427	0.052366	0.026557	0.038782	-0.034192	0.039141
	0.033572	0.033207	-0.020800	-0.021161	-0.024139	0.015699
	-0.023990	0.005283	0.005406	0.050487	0.022251	0.027439
	-0.038825					
y105	0.038188	0.002379	-0.025372	0.017393	-0.025254	0.061438
	0.052526	-0.013043	-0.041123	0.009485	0.001926	-0.029048
	0.081448	0.035600	0.039899	0.021957	-0.022429	0.009564
	0.011694	0.048947	0.024902	-0.023060	0.020988	-0.011245
	-0.068471	-0.005098	0.000243	-0.043069	-0.009515	0.013223
	-0.017699					
z105	0.007049	0.028692	0.043805	-0.073142	-0.059860	-0.007634
	0.010965	-0.038648	0.087498	-0.003573	-0.019916	-0.012702
	0.034440	-0.011079	-0.011099	0.004517	0.021001	0.047414
	0.026647	0.001087	0.009567	0.005794	-0.023718	0.038810
	0.007733	0.023188	-0.006935	0.011728	0.005063	-0.018018
	-0.007732					
x106	0.005294	0.017799	0.014464	0.013321	0.031542	-0.003743
	0.002645	-0.002955	0.021162	0.006841	-0.009559	0.016037
	0.018314	0.049671	0.018266	0.026404	-0.041086	0.030680
	0.025370	0.041250	-0.007472	-0.016774	-0.031778	0.018205
	-0.030074	0.000507	0.007693	0.027546	0.025136	0.031960
	-0.029986					
y106	0.035598	0.002421	-0.022614	0.009220	-0.028585	0.064654
	0.046699	-0.008742	-0.035077	0.012330	-0.010131	-0.023256
	0.084994	0.031692	0.036062	0.013772	-0.027647	0.002798
	0.006513	0.057824	0.018658	-0.019756	0.015175	-0.013148
	-0.070691	-0.000994	-0.000116	-0.035806	-0.014050	0.019598
	-0.014204					
z106	0.003286	0.029532	0.041833	-0.067116	-0.058993	-0.007719
	0.005513	-0.051784	0.087067	-0.002024	-0.029432	-0.026649
	0.028589	-0.024531	-0.015841	-0.013583	0.019121	0.042225
	0.015826	0.006125	0.018453	0.010263	-0.035766	0.032365
	0.014902	0.024787	0.016091	-0.019321	0.008909	-0.020366
	0.003006					

x107	0.005965	0.012492	0.015096	0.010205	0.032256	-0.005366
	0.001686	0.001247	0.017143	0.003500	-0.011029	0.013538
	0.022580	0.051435	0.018435	0.028970	-0.027660	0.026191
	0.013987	0.038477	0.001878	-0.010603	-0.026428	0.018171
	-0.029188	0.000581	0.003658	0.030933	0.027315	0.042288
	-0.031019					
y107	0.035253	0.000922	-0.018301	-0.001352	-0.028665	0.065495
	0.040481	-0.006793	-0.024809	0.011987	-0.019753	-0.016868
	0.083203	0.029661	0.031845	0.009676	-0.023259	-0.002714
	0.004591	0.060461	0.009622	-0.015138	0.010364	-0.022692
	-0.070726	-0.000258	-0.000542	-0.019590	-0.021038	0.020043
	-0.001648					
z107	0.004389	0.029509	0.042211	-0.060957	-0.054892	-0.008359
	0.003180	-0.060183	0.090920	-0.007908	-0.033542	-0.036088
	0.019803	-0.033419	-0.010762	-0.008648	0.036514	0.045984
	0.007583	0.002983	0.016224	0.004938	-0.037888	0.010737
	0.017033	0.020495	0.032143	-0.012781	0.012096	-0.025888
	0.009816					
x108	0.006397	0.008487	0.013960	0.001239	0.033729	-0.006322
	0.003130	0.007186	0.003949	0.001830	-0.015150	0.012438
	0.021598	0.053377	0.015296	0.038053	-0.021667	0.010652
	-0.001226	0.020760	0.019597	-0.010106	-0.019968	0.001370
	-0.017309	-0.006314	-0.008267	0.042400	0.031290	0.046941
	-0.039573					
y108	0.034958	0.001437	-0.014403	-0.016822	-0.026103	0.064197
	0.038104	-0.009271	-0.025602	0.011162	-0.027964	-0.017852
	0.076202	0.032004	0.024479	0.011600	-0.023859	-0.008276
	-0.004319	0.048747	0.011106	-0.011192	0.008704	-0.049123
	-0.056671	-0.005844	-0.013950	0.010020	-0.023423	0.018585
	-0.005346					
z108	0.004689	0.032426	0.039264	-0.057135	-0.050366	-0.010846
	0.006169	-0.067205	0.079204	-0.013830	-0.037391	-0.046737
	0.009382	-0.041538	-0.007652	0.004509	0.042488	0.050358
	-0.011175	-0.011045	0.020722	-0.009087	-0.035360	-0.021006
	0.023698	0.010701	0.041753	0.003684	0.019188	-0.035803
	0.000880					
x109	0.004865	0.003434	0.012640	-0.008057	0.032724	-0.008790
	0.001242	0.019541	-0.003141	0.002130	-0.021680	0.019195
	0.021062	0.050184	0.008827	0.039042	-0.013108	-0.011039
	-0.010950	0.012442	0.033279	-0.001115	-0.010731	-0.000716
	-0.009343	-0.003644	-0.014750	0.041674	0.029722	0.053973
	-0.035530					

y109	0.033289	0.004392	-0.012403	-0.028184	-0.025886	0.062221
	0.034239	-0.004050	-0.020159	0.016549	-0.036217	-0.012240
	0.073367	0.027525	0.014024	0.007355	-0.024248	-0.024097
	-0.002206	0.044032	0.002097	-0.004523	-0.008978	-0.040188
	-0.038849	-0.006402	-0.021346	0.034816	-0.021477	0.032534
	0.003537					
z109	0.003154	0.033947	0.035118	-0.050629	-0.046921	-0.011396
	0.006866	-0.069143	0.071519	-0.017034	-0.045583	-0.053731
	0.000420	-0.056399	-0.003207	0.012519	0.047484	0.055474
	-0.034901	-0.025449	0.019128	-0.024112	-0.036256	-0.033506
	0.027169	0.005949	0.059836	0.013166	0.017778	-0.032319
	0.013472					
x110	0.002553	-0.004311	0.014733	-0.014360	0.028872	-0.014335
	-0.004497	0.031756	-0.000492	-0.004754	-0.027503	0.025798
	0.024286	0.045293	0.001789	0.030632	0.005810	-0.017647
	-0.023749	0.018580	0.047491	0.012547	0.010579	0.008300
	-0.017985	0.013099	-0.013832	0.018528	0.016423	0.049559
	-0.023385					
y110	0.032300	0.001552	-0.004120	-0.036951	-0.027157	0.054677
	0.024412	-0.004286	-0.004905	0.012719	-0.042527	-0.007941
	0.070735	0.022485	-0.002495	-0.010306	-0.014204	-0.016630
	-0.015480	0.051701	-0.009075	0.007187	-0.005891	-0.021094
	-0.039189	0.008215	-0.030984	0.020825	-0.032407	0.022150
	0.036053					
z110	0.003395	0.034033	0.031151	-0.040030	-0.045706	-0.013737
	0.008342	-0.072894	0.064288	-0.023238	-0.051843	-0.063099
	-0.008540	-0.070072	0.004506	0.021534	0.054259	0.073338
	-0.063604	-0.038326	0.015975	-0.047862	-0.028883	-0.047069
	0.014695	0.004573	0.080603	0.009644	0.009119	-0.040148
	0.017479					
x111	0.000697	-0.012237	0.014387	-0.021245	0.025042	-0.018211
	-0.006836	0.043389	0.000138	-0.007313	-0.036207	0.032130
	0.024850	0.038097	-0.000025	0.034732	0.025942	-0.031892
	-0.033107	0.013337	0.066186	0.016945	0.026967	0.009464
	-0.016296	0.025118	-0.011444	0.003656	0.006259	0.051402
	-0.022335					
y111	0.032182	-0.000522	-0.001219	-0.044972	-0.029186	0.047069
	0.019087	-0.006328	0.011180	0.016148	-0.044714	-0.010932
	0.069069	0.015371	-0.008444	-0.004485	-0.005122	-0.013134
	-0.022769	0.051610	-0.022967	0.006472	-0.013501	-0.010547
	-0.031052	0.015781	-0.042745	0.010474	-0.034499	0.023974
	0.049849					

z111	0.004833	0.034296	0.024490	-0.028269	-0.043570	-0.013787
	0.012831	-0.078131	0.051235	-0.029589	-0.058556	-0.073703
	-0.019694	-0.082976	0.020209	0.041109	0.059630	0.090824
	-0.094260	-0.061073	0.010499	-0.079829	-0.020003	-0.072622
	0.005709	-0.003983	0.102406	0.018171	0.008746	-0.038525
	0.020600					
x112	-0.002998	-0.000417	0.002209	-0.051344	0.010513	-0.003622
	-0.005364	0.047590	-0.007993	-0.024495	-0.040530	0.016856
	0.021269	0.019176	-0.009963	0.025217	0.011877	-0.059649
	-0.023523	-0.019242	0.060307	0.016585	0.023385	-0.007092
	-0.033370	0.043214	0.014047	-0.005919	0.002840	0.033113
	-0.013497					
y112	0.030200	-0.004876	0.000269	-0.043261	-0.027473	0.031309
	0.019006	-0.018023	0.025535	0.033800	-0.033924	-0.027279
	0.045848	-0.008921	-0.007618	0.017396	-0.001006	-0.009167
	-0.011473	0.037791	-0.028621	0.009195	-0.037677	-0.011644
	-0.024844	0.011438	-0.041418	-0.008778	-0.056213	0.028937
	0.074833					
z112	-0.003710	0.023483	0.021365	-0.002851	-0.040819	-0.014599
	0.005436	-0.058354	0.035987	-0.019300	-0.042579	-0.068626
	-0.054141	-0.088922	0.027600	0.013478	0.034110	0.081040
	-0.069531	-0.027520	0.043139	-0.035141	-0.025556	-0.022894
	-0.031008	0.038516	0.063071	0.024685	0.013435	-0.038739
	0.012252					
x113	-0.009202	0.010122	-0.008061	-0.066656	-0.001345	0.008519
	-0.003212	0.044496	-0.021077	-0.041934	-0.046666	0.002018
	0.013193	0.009192	-0.024392	0.018689	-0.009565	-0.096423
	-0.008780	-0.037593	0.049397	0.027810	0.027996	0.001161
	-0.044214	0.068251	0.037835	-0.009173	0.010541	0.019297
	-0.010670					
y113	0.024108	-0.010701	0.001263	-0.032081	-0.025788	0.022049
	0.012027	-0.033283	0.021569	0.042992	-0.015978	-0.044376
	0.028081	-0.024108	-0.013965	0.023476	-0.020628	-0.032153
	0.003290	0.041735	-0.044154	0.033990	-0.049326	0.015397
	-0.033667	0.020427	-0.018843	-0.018589	-0.054940	0.039923
	0.074800					
z113	-0.010816	0.015749	0.017801	0.017052	-0.037300	-0.017730
	0.002355	-0.040698	0.019802	-0.014938	-0.031570	-0.062474
	-0.079942	-0.089874	0.039232	-0.004249	0.011830	0.074325
	-0.048324	-0.003666	0.059210	-0.006926	-0.026008	0.007731
	-0.055223	0.068292	0.026820	0.036487	0.012768	-0.048229
	0.008275					

x114	-0.010272	0.014596	-0.014296	-0.086797	-0.014966	0.024985
	-0.002152	0.052952	-0.004691	-0.040264	-0.075126	-0.004796
	0.004096	-0.001914	-0.019395	0.017560	-0.011981	-0.117627
	-0.010628	-0.067670	0.062090	0.048073	0.029671	0.020778
	-0.036404	0.098219	0.051191	0.011287	-0.009822	0.037494
	-0.020521					
y114	0.022762	-0.018179	0.004769	-0.031704	-0.025518	0.011806
	0.011737	-0.033970	0.036424	0.057364	-0.025560	-0.052365
	0.014261	-0.031852	0.004896	0.043567	-0.016720	-0.045018
	-0.003993	0.013730	-0.044951	0.058408	-0.052444	0.035456
	-0.024043	0.026067	-0.018867	-0.003005	-0.080286	0.054538
	0.069214					
z114	-0.017474	0.010968	0.014156	0.034469	-0.033276	-0.021458
	-0.002073	-0.025874	0.000993	-0.013882	-0.015141	-0.056103
	-0.100742	-0.089738	0.039690	-0.023900	-0.010085	0.066378
	-0.026520	0.026989	0.066514	0.013533	-0.027333	0.026893
	-0.081227	0.082181	-0.001450	0.033311	0.018261	-0.049042
	0.006429					
x115	-0.015060	0.020418	-0.021253	-0.094863	-0.027293	0.030890
	0.003748	0.056006	0.001632	-0.051018	-0.090010	-0.012072
	-0.006005	-0.002749	-0.023329	0.017598	-0.008371	-0.127749
	-0.008069	-0.082062	0.057152	0.055032	0.033583	0.023000
	-0.029820	0.096510	0.046604	0.020874	-0.016036	0.045043
	-0.029112					
y115	0.014731	-0.021530	0.009384	-0.025812	-0.027419	-0.001818
	0.014242	-0.033490	0.038177	0.057186	-0.023039	-0.050768
	-0.000886	-0.028074	0.005563	0.058463	-0.015793	-0.050283
	-0.004071	0.006099	-0.054498	0.068366	-0.041783	0.041835
	-0.017529	0.012663	-0.021227	-0.006171	-0.083227	0.060984
	0.058925					
z115	-0.020555	0.007667	0.009291	0.045223	-0.027008	-0.025570
	-0.004962	-0.014828	-0.019753	-0.011817	-0.002649	-0.054777
	-0.115899	-0.088922	0.040426	-0.038611	-0.027986	0.056671
	-0.007858	0.048647	0.067548	0.022434	-0.032989	0.033617
	-0.102888	0.090226	-0.022129	0.031864	0.020367	-0.053944
	0.010016					
x116	-0.023729	0.027817	-0.030909	-0.087922	-0.032675	0.020572
	0.012805	0.046629	-0.012534	-0.077116	-0.083717	-0.030453
	-0.012997	-0.000717	-0.037127	0.013526	-0.012085	-0.126497
	0.007184	-0.085787	0.025045	0.037178	0.036933	0.003109
	-0.028334	0.067658	0.031783	0.011095	0.004957	0.004464
	-0.007778					

y116	0.004786	-0.024303	0.014249	-0.017031	-0.027363	-0.015176
	0.016323	-0.036977	0.035287	0.057423	-0.017148	-0.045528
	-0.019443	-0.027339	-0.000852	0.063652	-0.026713	-0.050720
	0.008536	-0.000028	-0.059122	0.064814	-0.031351	0.041448
	-0.006554	0.008904	-0.016439	-0.010791	-0.072793	0.045082
	0.058564					
z116	-0.019324	0.002996	0.005054	0.044797	-0.024349	-0.025143
	-0.009881	0.000296	-0.026761	-0.001957	-0.002323	-0.051875
	-0.124336	-0.086375	0.045746	-0.042740	-0.031913	0.044929
	-0.004075	0.062591	0.074082	0.026843	-0.038567	0.040345
	-0.111822	0.098455	-0.033662	0.038296	0.012234	-0.037685
	-0.004375					
x117	-0.024790	0.024999	-0.037141	-0.086056	-0.043621	0.026791
	0.013548	0.050899	0.013441	-0.066931	-0.100539	-0.034993
	-0.018090	-0.006349	-0.036173	0.017724	-0.000715	-0.106277
	0.006141	-0.085168	0.035370	0.033505	0.030861	0.008837
	0.007262	0.061934	0.009306	0.017183	-0.010248	0.032796
	-0.015500					
y117	-0.002426	-0.027108	0.018244	-0.008332	-0.032186	-0.026476
	0.019813	-0.040218	0.032301	0.060403	-0.019218	-0.038865
	-0.038613	-0.022129	-0.001222	0.078948	-0.027604	-0.052385
	0.018481	-0.005186	-0.052815	0.062787	-0.028201	0.034973
	0.000026	0.005583	-0.034318	-0.012179	-0.064372	0.031523
	0.055282					
z117	-0.021588	0.004207	-0.000036	0.044179	-0.015502	-0.034646
	-0.012034	0.009240	-0.045806	-0.009626	0.009337	-0.056787
	-0.128988	-0.078557	0.044632	-0.052342	-0.040009	0.031358
	0.000835	0.076454	0.052576	0.010417	-0.034802	0.030194
	-0.136341	0.073929	-0.026044	0.023228	0.023715	-0.045587
	0.004263					
x118	-0.027170	0.024402	-0.044165	-0.065797	-0.050438	0.011679
	0.020326	0.043309	0.025184	-0.080151	-0.093517	-0.060426
	-0.025753	0.005402	-0.031414	0.043996	0.029936	-0.072111
	0.017090	-0.073856	0.014043	0.015579	0.028684	-0.003813
	0.019240	0.027875	-0.035955	0.018660	-0.008171	0.027364
	-0.016557					
y118	-0.010095	-0.029468	0.022142	0.000164	-0.036983	-0.036557
	0.023408	-0.043019	0.032622	0.061324	-0.023227	-0.033811
	-0.067176	-0.014538	0.006910	0.092663	-0.021060	-0.059814
	0.027675	-0.000766	-0.029702	0.060892	-0.026539	0.035132
	-0.012366	0.001205	-0.042033	-0.012363	-0.053762	0.009960
	0.048059					

z118	-0.021827	0.004482	-0.004661	0.030876	-0.006437	-0.035418
	-0.016784	0.024807	-0.054413	-0.004425	0.004694	-0.050498
	-0.125149	-0.077806	0.035405	-0.075689	-0.053801	0.018265
	0.000676	0.081382	0.045405	-0.007585	-0.028580	0.029041
	-0.146790	0.050947	-0.002063	-0.004538	0.026760	-0.028532
	0.019166					
x119	-0.029284	0.022812	-0.049065	-0.046388	-0.051710	0.001428
	0.023049	0.034429	0.033166	-0.082030	-0.097460	-0.086629
	-0.054734	0.007427	-0.035874	0.042066	0.047139	-0.050701
	0.027814	-0.052644	0.017392	0.017814	-0.002582	0.001430
	-0.001519	-0.023650	-0.055701	-0.001948	-0.002529	0.031449
	-0.004309					
y119	-0.018959	-0.031915	0.026802	0.007552	-0.042249	-0.045529
	0.030027	-0.037844	0.031239	0.063697	-0.032905	-0.017882
	-0.093271	-0.006276	0.010878	0.097518	-0.016091	-0.067348
	0.033179	0.007346	0.005273	0.049868	-0.014278	0.040165
	-0.026480	0.000509	-0.052991	-0.014160	-0.026932	-0.027376
	0.054000					
z119	-0.017485	0.005690	-0.011540	0.020418	-0.001929	-0.044944
	-0.016311	0.040056	-0.060604	-0.007585	0.007026	-0.042601
	-0.105255	-0.065061	0.038804	-0.065023	-0.046247	0.022379
	-0.001763	0.077938	0.017214	-0.033076	-0.003717	-0.001314
	-0.113477	0.028566	-0.009875	-0.004860	0.016146	0.008401
	0.031333					
x120	-0.031600	0.019978	-0.054570	-0.023123	-0.052685	-0.016991
	0.035235	0.035236	0.039404	-0.080412	-0.105257	-0.102940
	-0.082299	0.010584	-0.037802	0.049273	0.066626	-0.033554
	0.028916	-0.024431	0.019833	0.006941	-0.009319	0.001483
	0.005326	-0.078503	-0.102954	-0.015528	0.011733	0.036786
	0.051543					
y120	-0.025807	-0.034873	0.032204	0.014563	-0.051200	-0.049530
	0.029633	-0.036792	0.025089	0.066832	-0.037213	0.006906
	-0.118333	0.015542	0.010848	0.110686	-0.024395	-0.076620
	0.036914	0.005186	0.026279	0.040794	-0.006491	0.012895
	-0.018502	-0.010291	-0.076465	0.003952	0.003859	-0.059048
	0.012806					
z120	-0.009839	0.008405	-0.017170	0.005652	0.004420	-0.050722
	-0.022311	0.045136	-0.068975	-0.010587	0.011726	-0.041605
	-0.089751	-0.047068	0.029792	-0.052137	-0.047846	0.021343
	-0.007402	0.061442	-0.028827	-0.046313	-0.011462	-0.057425
	-0.089499	-0.015051	-0.012345	-0.003844	0.000836	0.048784
	0.007793					

x121	-0.032841	0.021361	-0.065156	-0.020371	-0.051864	-0.014968
	0.029882	0.038913	0.045590	-0.065348	-0.083623	-0.117502
	-0.094139	0.003829	-0.028431	0.029796	0.068585	-0.011243
	0.025196	-0.009885	0.004566	0.006907	0.024615	0.030436
	0.040888	-0.095172	-0.065286	0.013195	0.017261	-0.009096
	0.004517					
y121	-0.023795	-0.033999	0.028277	0.008198	-0.052219	-0.040392
	0.021550	-0.033431	0.013747	0.066867	-0.035875	0.015499
	-0.127098	0.009493	0.006435	0.085235	-0.053909	-0.085918
	0.026240	0.003707	0.021394	0.045690	-0.001913	-0.006133
	-0.012075	-0.030545	-0.044094	-0.007595	0.031983	-0.050929
	0.019844					
z121	-0.006498	0.007635	-0.021027	-0.008203	0.001665	-0.042922
	-0.032667	0.039455	-0.060694	0.010598	0.009094	-0.037244
	-0.086061	-0.034240	0.040840	-0.051876	-0.047336	-0.007877
	0.005567	0.062487	-0.023984	-0.038537	-0.005581	-0.065034
	-0.071511	-0.016498	-0.014446	-0.006786	-0.018550	0.043442
	-0.031487					
x122	-0.034244	0.024709	-0.074058	-0.014702	-0.050770	-0.012480
	0.025425	0.034900	0.036579	-0.053826	-0.066094	-0.130422
	-0.109161	-0.000151	-0.026551	0.001959	0.052828	-0.000153
	0.021738	0.004734	-0.015484	0.001045	0.046326	0.041234
	0.057402	-0.117970	-0.027243	0.018065	0.022671	-0.052118
	-0.010886					
y122	-0.020558	-0.033867	0.025916	0.001805	-0.052801	-0.032700
	0.014323	-0.026065	0.012182	0.067104	-0.032530	0.025860
	-0.125371	0.005511	0.006647	0.067361	-0.067115	-0.091529
	0.014091	0.000543	0.018793	0.052518	0.006637	-0.009575
	0.000369	-0.032811	-0.016697	-0.007832	0.051766	-0.035925
	0.009011					
z122	-0.001747	0.004889	-0.023682	-0.018389	0.000048	-0.039218
	-0.040383	0.039353	-0.048058	0.028321	0.008925	-0.032227
	-0.075346	-0.022708	0.055930	-0.041707	-0.035350	-0.032498
	0.009479	0.059852	-0.018416	-0.030297	0.000585	-0.060795
	-0.051426	-0.006185	-0.024409	-0.001056	-0.030342	0.039753
	-0.062046					
x123	-0.033785	0.026511	-0.079543	-0.012517	-0.051017	-0.004105
	0.021070	0.032026	0.032083	-0.036933	-0.057932	-0.133514
	-0.120500	-0.005450	-0.024101	-0.025318	0.032783	0.004438
	0.014004	0.017267	-0.024355	-0.004081	0.059969	0.050533
	0.070838	-0.123422	0.006488	0.012416	0.012043	-0.068850
	-0.024140					

y123	-0.018036	-0.030725	0.024252	-0.000257	-0.049667	-0.030740
	0.009882	-0.023301	0.007394	0.060106	-0.023934	0.028705
	-0.118631	0.003260	0.006051	0.053638	-0.066784	-0.090601
	0.004069	-0.001826	0.013942	0.057983	0.009183	-0.012782
	0.013607	-0.043372	0.007689	0.003962	0.085461	-0.028910
	-0.005062					
z123	0.003183	0.003316	-0.025682	-0.023464	0.001641	-0.039514
	-0.046958	0.037737	-0.041116	0.039801	0.012767	-0.031331
	-0.062620	-0.011715	0.070420	-0.028635	-0.017444	-0.050300
	0.008829	0.052652	-0.015439	-0.023604	0.002037	-0.056801
	-0.029270	-0.002391	-0.030154	0.014973	-0.024136	0.030193
	-0.081851					
x124	-0.032451	0.028717	-0.080677	-0.006401	-0.048475	0.000587
	0.020379	0.027817	0.025317	-0.029603	-0.045736	-0.134164
	-0.118991	-0.006694	-0.016326	-0.035963	0.023603	0.008874
	0.009222	0.023983	-0.035314	-0.013944	0.070257	0.043719
	0.080277	-0.115859	0.016156	0.016916	0.013955	-0.082543
	-0.035716					
y124	-0.015129	-0.027963	0.022659	-0.003177	-0.047415	-0.027228
	0.006758	-0.020955	0.005765	0.057076	-0.020862	0.032815
	-0.114767	0.001383	0.002493	0.036141	-0.067593	-0.086456
	-0.006901	0.000198	0.014192	0.064348	0.008444	-0.007040
	0.020183	-0.049071	0.037030	0.002170	0.096999	-0.011319
	-0.018521					
z124	0.008169	0.001605	-0.028296	-0.028795	0.003498	-0.038429
	-0.052313	0.035450	-0.038944	0.052063	0.012831	-0.028640
	-0.054873	-0.001634	0.077918	-0.025522	-0.008347	-0.063106
	0.003430	0.046780	-0.013489	-0.015297	0.000701	-0.043884
	-0.012065	-0.003829	-0.021123	0.012334	-0.026326	0.030187
	-0.088897					
x125	-0.029027	0.031051	-0.078268	-0.000770	-0.045034	0.006134
	0.023324	0.022859	0.017435	-0.024402	-0.038662	-0.127296
	-0.109442	-0.005977	-0.005362	-0.041465	0.018268	0.010383
	0.000646	0.023054	-0.044486	-0.024256	0.071437	0.038127
	0.086203	-0.099736	0.016860	0.019861	0.006404	-0.077520
	-0.032206					
y125	-0.013131	-0.024984	0.021895	-0.004283	-0.044407	-0.025093
	0.003534	-0.020199	0.006630	0.052656	-0.017379	0.032267
	-0.110101	-0.001044	-0.000885	0.022158	-0.065926	-0.076657
	-0.010103	0.009676	0.018148	0.068093	0.005580	-0.008868
	0.020302	-0.050878	0.060549	-0.005477	0.117819	0.001001
	-0.032450					

z125	0.012706	-0.000752	-0.030568	-0.031534	0.006994	-0.037417
	-0.058495	0.033605	-0.038756	0.061612	0.014859	-0.027897
	-0.046906	0.005648	0.084366	-0.022304	-0.002696	-0.069852
	-0.000623	0.044315	-0.010893	-0.008260	-0.000916	-0.039873
	0.001514	-0.003492	-0.009214	0.003459	-0.014901	0.027710
	-0.092387					
x126	-0.023818	0.032819	-0.073238	0.005273	-0.039880	0.014156
	0.027833	0.015308	0.010812	-0.015428	-0.032751	-0.112906
	-0.095725	-0.007241	0.006099	-0.041575	0.016265	0.012962
	-0.011912	0.019691	-0.051488	-0.032181	0.061063	0.022279
	0.092809	-0.064844	0.008172	0.012039	-0.000593	-0.060410
	-0.010267					
y126	-0.012020	-0.020129	0.022987	-0.003931	-0.042752	-0.024634
	0.002548	-0.018383	0.006734	0.039037	-0.017361	0.028237
	-0.101049	0.000357	-0.001152	0.008272	-0.061270	-0.066009
	-0.008643	0.019453	0.026055	0.064923	0.003348	-0.005194
	0.013484	-0.057845	0.078529	-0.003941	0.122454	0.018699
	-0.065302					
z126	0.016909	-0.003126	-0.031586	-0.031739	0.010710	-0.037729
	-0.063002	0.034924	-0.042720	0.061208	0.014305	-0.030452
	-0.035092	0.013878	0.093036	-0.018924	0.001495	-0.075433
	-0.007232	0.038505	-0.007452	-0.004747	-0.002713	-0.028714
	0.011342	-0.013475	0.004257	0.000980	-0.007203	0.034569
	-0.097276					
x127	-0.018502	0.035621	-0.064941	0.012075	-0.034846	0.023073
	0.032698	0.006331	-0.001972	-0.010422	-0.032071	-0.096765
	-0.078732	-0.004153	0.016855	-0.042462	0.014608	0.007149
	-0.027732	0.016739	-0.056040	-0.041684	0.038487	-0.003644
	0.094827	-0.024719	0.001421	-0.008717	0.003570	-0.029801
	0.005550					
y127	-0.010078	-0.014930	0.024773	-0.002037	-0.040106	-0.024154
	0.004816	-0.018764	0.013546	0.025755	-0.015126	0.027532
	-0.088815	-0.002047	-0.000365	-0.001188	-0.050394	-0.045056
	-0.002110	0.029036	0.035133	0.058974	0.003717	0.001526
	0.003807	-0.056760	0.074650	0.000468	0.103328	0.031477
	-0.082220					
z127	0.022110	-0.007044	-0.032859	-0.028977	0.016859	-0.037298
	-0.065087	0.036260	-0.045610	0.059325	0.017663	-0.030292
	-0.019950	0.014592	0.101592	-0.011898	0.008423	-0.069540
	-0.015801	0.026480	-0.007122	-0.002266	-0.004275	-0.014730
	0.020660	-0.022231	0.003651	-0.002705	-0.013819	0.041210
	-0.070099					

x128	-0.011728	0.037515	-0.051100	0.014241	-0.030371	0.035808
	0.034121	0.000555	-0.013925	-0.003840	-0.045156	-0.072990
	-0.058547	0.006755	0.031500	-0.047791	0.008433	-0.009921
	-0.045948	0.009139	-0.039967	-0.045776	0.006989	-0.029289
	0.094538	0.013295	0.012416	-0.028417	0.020743	0.018087
	-0.003299					
y128	-0.007942	-0.008470	0.025375	0.007704	-0.036500	-0.027861
	0.014553	-0.026454	0.022818	0.010795	0.000027	0.024237
	-0.071821	-0.012063	-0.002928	-0.003240	-0.026534	-0.009080
	0.006721	0.049486	0.025991	0.038729	-0.002157	0.006293
	-0.012744	-0.033776	0.039690	-0.001197	0.046041	0.033962
	-0.060816					
z128	0.026462	-0.010162	-0.035925	-0.017743	0.024865	-0.040677
	-0.061418	0.032677	-0.057181	0.051575	0.032452	-0.032768
	-0.002436	0.006421	0.104781	-0.000684	0.019058	-0.053600
	-0.026923	0.018116	-0.027579	-0.014613	-0.012031	-0.005907
	0.023263	-0.024421	-0.017718	-0.014124	-0.032933	0.038961
	0.004106					
x129	-0.003235	0.071465	-0.058254	0.027085	-0.060779	0.002530
	0.001490	-0.000712	-0.046313	0.028118	-0.080125	0.027565
	-0.006109	-0.012830	-0.114310	-0.033129	0.035205	0.072468
	0.000110	-0.054853	-0.037678	-0.085521	-0.084574	0.009756
	-0.001537	0.014987	0.022064	0.027570	0.052457	0.007390
	0.028900					
y129	-0.033995	-0.033865	0.019582	-0.013315	-0.045819	0.006443
	0.016031	-0.036095	0.045051	0.002571	0.010103	-0.009250
	-0.007600	-0.066874	0.090237	-0.002111	0.045421	-0.021309
	-0.042791	0.011653	0.021411	0.047889	0.063397	0.003050
	-0.006869	-0.027861	-0.096388	0.096818	-0.015141	0.009599
	-0.029139					
z129	0.081745	0.005706	-0.072826	-0.016015	0.062721	-0.042011
	-0.096400	0.023934	-0.061158	0.025464	-0.023233	0.010950
	-0.041720	0.038428	-0.075221	-0.028014	0.060985	0.066631
	0.034909	-0.103893	-0.088266	-0.013839	-0.029470	-0.034988
	-0.074975	-0.066408	-0.056849	-0.038202	-0.021770	0.044030
	0.057371					
x130	-0.005056	0.067135	-0.050599	0.027583	-0.060854	0.020348
	-0.005155	0.005728	-0.038645	0.032609	-0.081162	0.037612
	0.002903	-0.016669	-0.079422	-0.027389	0.034274	0.066869
	-0.022986	-0.037230	-0.016121	-0.064155	-0.074492	0.001515
	0.005898	0.028806	0.021420	0.040579	0.020551	0.007835
	0.011753					

y130	-0.024709	-0.031101	0.009777	-0.013628	-0.039318	0.006614
	0.011516	-0.039665	0.048249	0.019444	0.012312	-0.003408
	-0.008625	-0.068154	0.072413	-0.002500	0.047290	-0.008285
	-0.029905	-0.005897	0.009037	0.050680	0.074778	0.007332
	-0.002564	-0.010282	-0.087985	0.095910	-0.026691	0.045017
	-0.005009					
z130	0.083904	0.007406	-0.069535	-0.020733	0.054831	-0.026554
	-0.098802	0.036777	-0.044517	0.029893	-0.017937	0.013125
	-0.040277	0.024495	-0.062847	-0.023762	0.044592	0.048150
	0.029352	-0.088630	-0.071338	0.015624	-0.018978	-0.013370
	-0.073128	-0.061427	-0.019337	-0.007886	-0.003733	0.037437
	0.024020					
x131	-0.007477	0.064519	-0.044754	0.031903	-0.059290	0.027460
	-0.005309	0.005957	-0.042340	0.029264	-0.073376	0.044315
	0.009416	-0.013554	-0.052664	-0.022895	0.031988	0.056900
	-0.034929	-0.020863	-0.013866	-0.048121	-0.073453	-0.019506
	0.005296	0.033757	0.018120	0.034177	0.005173	-0.009461
	0.025386					
y131	-0.015437	-0.028207	-0.002903	-0.008071	-0.035357	-0.000278
	0.011242	-0.048637	0.041502	0.032841	0.025232	0.002721
	-0.012391	-0.073569	0.050690	-0.001196	0.042896	0.011824
	-0.011416	-0.014054	-0.008526	0.053799	0.075484	-0.007201
	-0.002816	0.011231	-0.080409	0.083170	-0.032662	0.063334
	0.060090					
z131	0.084553	0.009594	-0.064179	-0.023424	0.047186	-0.014445
	-0.099917	0.049072	-0.032652	0.027646	-0.016841	0.012158
	-0.038666	0.016575	-0.049188	-0.018607	0.033078	0.027381
	0.023155	-0.074851	-0.056312	0.033939	-0.011595	0.004831
	-0.073080	-0.062786	0.014094	0.015591	0.017110	0.027645
	-0.015565					
x132	-0.008856	0.062545	-0.037858	0.033318	-0.059118	0.036686
	-0.005969	0.010899	-0.040227	0.029278	-0.075111	0.049169
	0.013630	-0.011120	-0.027160	-0.018909	0.032635	0.040870
	-0.048819	-0.007023	-0.006844	-0.037535	-0.063256	-0.024464
	0.009524	0.028411	0.015248	0.024060	-0.016499	-0.013456
	0.023264					
y132	-0.009743	-0.023252	-0.008000	-0.005692	-0.037497	-0.004435
	0.008070	-0.041357	0.045000	0.037865	0.012437	0.003869
	-0.012165	-0.066523	0.042555	-0.003521	0.049624	0.002347
	-0.005307	-0.027331	-0.014747	0.044493	0.075774	0.000229
	-0.004587	0.004533	-0.059353	0.054910	-0.026833	0.094665
	0.048678					

z132	0.086711	0.011463	-0.064421	-0.023887	0.044340	-0.000875
	-0.098538	0.049434	-0.023480	0.034688	0.002175	0.014936
	-0.037217	-0.005039	-0.051236	-0.012552	0.018360	0.031620
	0.025427	-0.059072	-0.046429	0.054782	0.001815	0.008262
	-0.056247	-0.047399	0.030277	0.037189	0.013096	0.013706
	0.010328					
x133	-0.009972	0.061512	-0.031403	0.035947	-0.055227	0.040315
	-0.003503	0.011113	-0.044564	0.023702	-0.072041	0.049856
	0.017071	-0.007411	-0.009028	-0.011472	0.029122	0.028553
	-0.058460	0.003745	-0.010515	-0.031354	-0.063409	-0.029317
	0.003960	0.018035	0.009485	0.015215	-0.021398	-0.039725
	0.010705					
y133	-0.006061	-0.019164	-0.013295	-0.001108	-0.035500	-0.011145
	0.005335	-0.037017	0.040376	0.029055	0.007010	0.001005
	-0.009695	-0.055457	0.030232	-0.002912	0.054293	-0.005760
	0.003226	-0.045343	-0.032342	0.039832	0.057139	0.005551
	-0.014996	-0.006738	-0.042959	0.026969	-0.000588	0.076755
	0.018814					
z133	0.088480	0.013297	-0.063902	-0.023996	0.042115	0.012191
	-0.096375	0.050118	-0.014053	0.040747	0.016434	0.017762
	-0.035672	-0.023215	-0.053794	-0.009920	0.008637	0.033150
	0.028408	-0.045818	-0.034280	0.071070	0.017630	0.011020
	-0.037767	-0.032089	0.039726	0.050011	0.007989	0.005296
	0.028305					
x134	-0.009210	0.059694	-0.024533	0.036152	-0.052703	0.046597
	0.000797	0.009934	-0.046248	0.023396	-0.070130	0.050550
	0.021820	-0.008318	0.008455	-0.000591	0.026287	0.026721
	-0.063086	0.017272	-0.005983	-0.029745	-0.063668	-0.032003
	0.002313	0.011788	0.005487	0.012362	-0.026457	-0.046744
	0.002085					
y134	0.000975	-0.019990	-0.019415	0.006132	-0.036381	-0.010243
	0.000945	-0.035903	0.038106	0.031687	0.007357	-0.000398
	-0.008560	-0.051324	0.021708	-0.000427	0.050655	0.003135
	0.008778	-0.060208	-0.036335	0.035082	0.046870	-0.001923
	-0.017155	0.002531	-0.030963	0.000040	0.008008	0.084306
	0.039836					
z134	0.088584	0.015028	-0.061005	-0.022350	0.039138	0.020717
	-0.094178	0.054448	-0.008384	0.040359	0.021848	0.018550
	-0.036472	-0.028639	-0.051656	-0.010345	0.000981	0.020138
	0.030374	-0.035859	-0.021861	0.076842	0.027558	0.015083
	-0.029564	-0.022510	0.046205	0.049927	0.010591	-0.002913
	0.021177					

x135	-0.006899	0.056127	-0.019816	0.036069	-0.046043	0.050231
	0.005162	0.009725	-0.048231	0.028724	-0.065283	0.052338
	0.018248	0.002502	0.020740	0.004906	0.021397	0.013470
	-0.055966	0.019449	-0.012102	-0.019597	-0.050887	-0.029480
	0.007588	0.004254	0.002533	0.017850	-0.037904	-0.052215
	-0.012026					
y135	0.007245	-0.022079	-0.024227	0.009404	-0.034315	-0.010718
	-0.005129	-0.033720	0.040263	0.038439	0.008703	-0.000752
	-0.012188	-0.047521	0.010446	-0.003340	0.048300	0.021280
	0.015687	-0.082311	-0.040500	0.030665	0.044767	-0.010773
	0.002576	0.008875	-0.001905	-0.013614	-0.001983	0.078682
	0.051326					
z135	0.086620	0.018141	-0.055790	-0.019862	0.035131	0.027823
	-0.088328	0.057050	-0.005102	0.033868	0.023546	0.016792
	-0.035738	-0.035810	-0.049961	-0.008954	-0.000550	0.009829
	0.032604	-0.018362	-0.006230	0.067776	0.025774	0.018541
	-0.023377	-0.019336	0.050749	0.043368	0.018283	-0.017004
	0.009012					
x136	-0.004742	0.052983	-0.013615	0.035328	-0.038435	0.052436
	0.013691	0.005602	-0.050596	0.033622	-0.061989	0.051711
	0.013680	0.005300	0.031653	0.007914	0.014315	-0.001407
	-0.051248	0.033533	-0.020645	-0.011893	-0.050738	-0.025031
	-0.001930	-0.007768	-0.000650	0.023376	-0.040604	-0.057508
	-0.021908					
y136	0.010310	-0.023123	-0.028883	0.013059	-0.029863	-0.009282
	-0.009628	-0.034659	0.041473	0.039034	0.012115	0.000705
	-0.009531	-0.047788	0.006480	-0.009176	0.046466	0.023092
	0.023540	-0.079141	-0.035315	0.038253	0.032484	-0.014078
	0.000709	0.008435	0.014634	-0.007427	0.007966	0.070139
	0.037198					
z136	0.084097	0.020036	-0.051448	-0.017667	0.033356	0.032902
	-0.082319	0.058610	-0.003892	0.026595	0.026315	0.015797
	-0.032988	-0.038102	-0.051032	-0.007526	0.002499	0.001219
	0.037264	-0.009079	0.011071	0.056886	0.031313	0.014315
	-0.010633	-0.013406	0.045251	0.027780	0.014523	-0.025757
	-0.000742					
x137	-0.001377	0.052685	-0.006754	0.033502	-0.032417	0.051509
	0.020186	0.002517	-0.052793	0.036464	-0.061394	0.051560
	0.011462	0.008149	0.033604	0.015330	0.012299	-0.007489
	-0.042488	0.043796	-0.021394	-0.013499	-0.046278	-0.018939
	-0.017113	-0.019663	-0.003042	0.020050	-0.044559	-0.063707
	-0.035461					

y137	0.015047	-0.021888	-0.031541	0.016669	-0.029534	-0.010800
	-0.017666	-0.031472	0.043733	0.036519	0.014606	0.002137
	-0.008934	-0.041307	-0.004237	-0.015888	0.049856	0.036415
	0.028836	-0.083542	-0.018837	0.031469	0.020455	-0.027686
	-0.001091	0.020019	0.033890	-0.031613	0.018686	0.048279
	0.028114					
z137	0.080911	0.020714	-0.046977	-0.013269	0.032986	0.037747
	-0.074357	0.057841	-0.005616	0.019813	0.027454	0.013798
	-0.031471	-0.038301	-0.052128	-0.009070	0.003815	-0.008467
	0.042677	-0.001176	0.023020	0.044595	0.033807	0.010356
	0.007760	-0.007601	0.034591	0.009508	0.010215	-0.028562
	-0.007082					
x138	0.002388	0.051901	-0.001396	0.031587	-0.024085	0.049421
	0.029527	-0.004079	-0.054974	0.041745	-0.061213	0.049621
	0.007143	0.009896	0.031044	0.020405	0.007549	-0.019524
	-0.034612	0.056500	-0.029523	-0.018018	-0.037934	-0.003303
	-0.028210	-0.036717	-0.003760	0.017617	-0.051112	-0.070349
	-0.048292					
y138	0.018705	-0.024025	-0.035987	0.024657	-0.029320	-0.010544
	-0.024937	-0.033229	0.043095	0.032806	0.014332	0.000524
	-0.005677	-0.042611	-0.012226	-0.019998	0.044813	0.043712
	0.019290	-0.075665	-0.005758	0.016068	0.018673	-0.032367
	-0.008200	0.030263	0.047009	-0.053885	0.017293	0.021232
	0.019393					
z138	0.077092	0.021494	-0.040590	-0.008841	0.032312	0.041348
	-0.065506	0.058996	-0.007025	0.010002	0.027245	0.011777
	-0.031079	-0.034826	-0.051109	-0.011634	0.012471	-0.016752
	0.053477	0.002278	0.038492	0.023452	0.030138	-0.001186
	0.024188	-0.005652	0.018303	-0.017030	0.009381	-0.024535
	-0.016753					
x139	0.005547	0.050182	0.007558	0.036935	-0.020394	0.049792
	0.029141	-0.007729	-0.038604	0.034509	-0.052293	0.054483
	0.004820	0.010351	0.038959	0.015684	0.005923	-0.017272
	-0.024267	0.042719	-0.035372	-0.012258	-0.020295	0.013111
	-0.039058	-0.035909	-0.001341	0.012278	-0.039215	-0.041800
	-0.045847					
y139	0.027973	-0.024231	-0.047761	0.028943	-0.029804	-0.013341
	-0.027930	-0.028177	0.037204	0.033682	0.013623	0.007664
	-0.005272	-0.037718	-0.022053	-0.025799	0.028282	0.045410
	0.018162	-0.068906	-0.015074	0.015281	0.010760	-0.041754
	-0.018481	0.032108	0.050814	-0.051914	0.009863	0.000177
	0.023882					

z139	0.077055	0.026262	-0.040868	-0.012695	0.024016	0.036844
	-0.047220	0.058550	0.000464	-0.000237	0.027862	0.011889
	-0.020529	-0.026320	-0.059105	-0.023585	0.000053	-0.025836
	0.031619	0.006929	0.032714	0.029370	0.013703	0.004303
	0.035327	-0.007303	0.013068	-0.019163	0.002425	-0.002030
	-0.025397					
x140	0.008819	0.049671	0.014201	0.041490	-0.015857	0.049741
	0.028633	-0.012095	-0.026167	0.028503	-0.045010	0.057957
	0.001729	0.007997	0.042199	0.009158	0.003642	-0.018371
	-0.022652	0.024893	-0.037334	-0.013860	-0.006457	0.021781
	-0.046947	-0.040471	0.004707	0.008462	-0.040748	-0.014986
	-0.053306					
y140	0.035842	-0.021491	-0.060895	0.031017	-0.026494	-0.012979
	-0.026840	-0.024115	0.032045	0.028879	0.013444	0.012348
	-0.003954	-0.032686	-0.033241	-0.036668	0.022122	0.042606
	0.008135	-0.062952	-0.017346	0.007005	0.000160	-0.040906
	-0.013171	0.025787	0.050891	-0.044797	-0.004788	-0.001583
	0.009283					
z140	0.076100	0.028837	-0.037734	-0.017607	0.013902	0.032762
	-0.030753	0.058005	0.009607	-0.008276	0.025582	0.014070
	-0.011167	-0.019911	-0.060017	-0.026525	-0.011834	-0.031191
	0.023889	0.013962	0.025606	0.037984	0.003287	0.003381
	0.044392	0.001572	0.008418	-0.025480	0.007794	0.008014
	-0.028337					
x141	0.011550	0.048720	0.019051	0.046211	-0.010179	0.048596
	0.028232	-0.017351	-0.011599	0.025622	-0.033800	0.058779
	-0.000241	0.001945	0.045226	0.009877	0.002598	-0.006758
	-0.015932	0.010563	-0.038471	-0.010377	0.007209	0.021163
	-0.049291	-0.034462	0.001265	0.009160	-0.032998	-0.003787
	-0.034786					
y141	0.043697	-0.018630	-0.072826	0.031785	-0.022169	-0.013801
	-0.025777	-0.022847	0.035896	0.027832	0.019606	0.016624
	0.000732	-0.036912	-0.043604	-0.037882	0.016526	0.053300
	0.008742	-0.053191	-0.023405	0.000511	-0.003093	-0.052442
	0.000901	0.037030	0.054117	-0.030901	0.000438	-0.019758
	0.016167					
z141	0.074365	0.029198	-0.033077	-0.023786	0.003908	0.032080
	-0.016635	0.062697	0.014774	-0.017888	0.015478	0.015842
	-0.007821	-0.005955	-0.056544	-0.036416	-0.019890	-0.048467
	0.009923	0.017016	0.027694	0.048304	-0.010824	0.018561
	0.044844	-0.002382	0.004778	-0.033393	-0.000444	0.034438
	-0.055183					

x142	0.014032	0.046762	0.023884	0.048095	-0.005838	0.049341
	0.027192	-0.019922	0.000171	0.022947	-0.025573	0.063239
	-0.001742	0.000683	0.046765	0.010333	0.000159	-0.000683
	-0.012795	-0.003405	-0.044042	-0.009562	0.021918	0.022096
	-0.045015	-0.026579	-0.000608	0.010457	-0.029937	0.010801
	-0.028936					
y142	0.050414	-0.017150	-0.083959	0.036006	-0.017475	-0.010781
	-0.023157	-0.016677	0.035451	0.021580	0.021643	0.022122
	0.003070	-0.040300	-0.047343	-0.035963	0.009762	0.055606
	0.004026	-0.043784	-0.022116	-0.006724	-0.002613	-0.051925
	-0.000663	0.053035	0.033764	-0.017880	-0.005014	-0.015962
	0.010093					
z142	0.071503	0.031496	-0.028024	-0.029744	-0.004942	0.025470
	-0.002424	0.058597	0.017692	-0.028040	0.012238	0.012666
	-0.004697	0.006815	-0.057784	-0.040065	-0.022942	-0.056896
	0.003426	0.020166	0.016974	0.049333	-0.022179	0.022771
	0.043180	-0.020852	0.009774	-0.044060	-0.001745	0.027547
	-0.057446					
x143	0.015652	0.045880	0.026523	0.048208	-0.001991	0.050237
	0.026352	-0.021825	0.010822	0.022179	-0.022266	0.060130
	-0.005004	0.003257	0.049134	0.005804	-0.004853	0.000945
	-0.013554	-0.021034	-0.034237	-0.007847	0.027715	0.016584
	-0.045009	-0.031891	0.003842	0.004218	-0.028519	0.016805
	-0.039978					
y143	0.055751	-0.014822	-0.093548	0.036682	-0.014453	-0.007607
	-0.016732	-0.010377	0.037422	0.010298	0.021077	0.020238
	0.002715	-0.035340	-0.045555	-0.040608	0.005922	0.048782
	0.002910	-0.030803	-0.021370	-0.021681	-0.008150	-0.046504
	0.005199	0.052437	0.032411	-0.019326	0.003916	-0.023719
	-0.008475					
z143	0.067391	0.031194	-0.021891	-0.032216	-0.010583	0.017750
	0.010582	0.051548	0.014183	-0.042001	0.016830	0.014750
	-0.000468	0.014498	-0.060555	-0.033114	-0.023989	-0.050443
	0.005469	0.027619	-0.006218	0.056392	-0.019143	0.023859
	0.037656	-0.022560	-0.008275	-0.045346	-0.006027	0.019146
	-0.022746					
x144	0.016993	0.044810	0.028245	0.046287	0.003113	0.049289
	0.025187	-0.024624	0.018935	0.023426	-0.017874	0.059324
	-0.006871	0.006693	0.048335	0.003698	-0.009922	0.005282
	-0.013705	-0.037726	-0.032955	-0.008032	0.036728	0.006925
	-0.041440	-0.035747	-0.000152	0.005839	-0.025773	0.018869
	-0.040972					

y144	0.059203	-0.013421	-0.101816	0.036631	-0.010253	-0.003017
	-0.009121	-0.003399	0.041000	-0.000416	0.019454	0.022439
	0.006020	-0.034650	-0.043946	-0.036297	0.004908	0.043657
	0.005833	-0.019495	-0.020939	-0.020326	-0.013084	-0.045074
	-0.001677	0.049778	0.013829	-0.009102	-0.003050	-0.014711
	-0.005378					
z144	0.063368	0.029862	-0.013289	-0.034700	-0.017988	0.014209
	0.019658	0.047993	0.016721	-0.052599	0.016853	0.014997
	-0.001147	0.015774	-0.057434	-0.029730	-0.021336	-0.046771
	0.007296	0.035300	-0.016172	0.048509	-0.018722	0.037476
	0.047617	-0.011843	-0.004290	-0.051656	-0.006782	-0.000658
	-0.008807					
x145	0.017112	0.043716	0.029100	0.043196	0.008626	0.048362
	0.022178	-0.029535	0.023331	0.025224	-0.015128	0.057532
	-0.009971	0.007979	0.043253	-0.004855	-0.018349	0.009878
	-0.012965	-0.046004	-0.028762	-0.004454	0.038510	-0.004365
	-0.042687	-0.036754	0.001848	-0.002114	-0.028205	0.007792
	-0.025635					
y145	0.061783	-0.012527	-0.108700	0.035091	-0.007986	0.001889
	-0.003784	-0.001310	0.047474	-0.011914	0.017824	0.024165
	0.008380	-0.035397	-0.045751	-0.033780	0.002984	0.030885
	0.008602	-0.005759	-0.032803	-0.031698	-0.020266	-0.036740
	0.002585	0.054330	0.017087	-0.008505	-0.012294	-0.024878
	0.014334					
z145	0.060591	0.026447	-0.003453	-0.040385	-0.024946	0.016256
	0.027727	0.050762	0.026542	-0.053558	0.010167	0.017863
	-0.004101	0.020303	-0.046420	-0.017562	-0.011083	-0.042116
	0.006841	0.032946	-0.010924	0.050538	-0.010365	0.059186
	0.057563	-0.010284	-0.010824	-0.035578	-0.013778	0.011570
	-0.025584					
x146	0.017603	0.037305	0.030726	0.037583	0.011191	0.049726
	0.022171	-0.030847	0.029205	0.024467	-0.009738	0.059140
	-0.008862	0.018921	0.043487	0.003353	-0.019742	0.020483
	-0.000207	-0.049386	-0.041999	-0.002857	0.048734	-0.011626
	-0.023428	-0.023307	-0.001967	0.001793	-0.019010	0.001559
	-0.009881					
y146	0.065897	-0.011482	-0.114265	0.035345	-0.004594	0.008354
	0.004483	0.012718	0.056952	-0.030413	0.014526	0.026992
	0.003139	-0.036089	-0.034177	-0.021281	0.019509	0.025963
	0.017529	0.014824	-0.027324	-0.025887	-0.024698	-0.022915
	0.014705	0.053576	-0.010838	-0.000782	-0.023777	-0.022467
	0.034326					

z146	0.053193	0.028483	0.004299	-0.044005	-0.027467	0.006456
	0.036478	0.038304	0.020628	-0.058189	0.011005	0.009427
	-0.003270	0.018784	-0.049207	-0.008940	-0.014343	-0.038762
	-0.000938	0.018505	-0.016360	0.025531	-0.009779	0.056033
	0.042464	-0.021323	-0.007612	-0.040582	-0.020243	-0.017236
	-0.026338					
x147	0.018849	0.035374	0.029518	0.034115	0.016482	0.045062
	0.020238	-0.030054	0.031998	0.029079	-0.009178	0.056964
	-0.013738	0.021463	0.039627	0.005524	-0.023467	0.027592
	0.002975	-0.054836	-0.036125	-0.000731	0.056537	-0.016888
	-0.015013	-0.021237	-0.010343	0.006515	-0.020360	-0.018184
	-0.007970					
y147	0.068046	-0.010197	-0.119866	0.035730	0.000986	0.013266
	0.015530	0.025380	0.060928	-0.052183	0.011259	0.026658
	-0.005903	-0.040521	-0.022500	-0.009218	0.031485	0.023003
	0.032972	0.038224	-0.014691	-0.024981	-0.021428	-0.004224
	0.013284	0.047795	-0.045551	0.005022	-0.032187	-0.020547
	0.048293					
z147	0.046882	0.025066	0.017683	-0.052694	-0.031233	0.009730
	0.042033	0.029765	0.025522	-0.061229	0.007202	0.008387
	-0.002546	0.026528	-0.038649	0.000630	-0.002832	-0.031120
	-0.005378	0.005552	-0.018731	0.016322	-0.016038	0.052101
	0.043301	-0.014661	-0.002895	-0.042565	-0.021643	-0.019031
	-0.016230					
x148	0.017967	0.035677	0.028505	0.033652	0.018306	0.039357
	0.018528	-0.021811	0.041525	0.030401	-0.007194	0.056257
	-0.011623	0.023440	0.034502	-0.004864	-0.020739	0.030535
	0.010485	-0.048155	-0.047228	0.005803	0.055342	-0.018927
	-0.024599	-0.022616	-0.018247	0.006706	-0.012400	-0.014956
	-0.001199					
y148	0.070616	-0.008497	-0.116956	0.038558	0.000138	0.017897
	0.014549	0.022101	0.056667	-0.045569	0.011323	0.032815
	-0.005452	-0.038697	-0.027373	-0.005940	0.036016	0.003611
	0.011691	0.026864	0.017306	-0.021224	-0.026443	0.005774
	0.007955	0.042623	-0.029861	0.016997	-0.030571	-0.013687
	0.028660					
z148	0.039256	0.024950	0.031607	-0.053914	-0.036247	0.003176
	0.046346	0.018459	0.017439	-0.050286	0.013864	0.005200
	-0.007542	0.035042	-0.043472	0.001685	-0.006361	-0.010376
	-0.012777	-0.004431	-0.022552	0.012800	-0.006079	0.052220
	0.029428	0.002109	0.005267	-0.035311	-0.019590	-0.019642
	-0.009739					

x149	0.017515	0.035646	0.028100	0.032418	0.019633	0.032726
	0.016820	-0.015885	0.052075	0.032601	-0.001871	0.055107
	-0.006198	0.029743	0.028109	-0.012539	-0.019811	0.032538
	0.016870	-0.032755	-0.053302	0.001771	0.060976	-0.005575
	-0.033808	-0.017112	-0.014511	0.005364	-0.000208	-0.013086
	0.009508					
y149	0.072060	-0.006950	-0.112122	0.040599	-0.000848	0.018485
	0.015495	0.017178	0.050506	-0.042374	0.014304	0.035268
	-0.004637	-0.031717	-0.034219	-0.003243	0.036704	-0.010275
	-0.006625	0.018570	0.037035	-0.027413	-0.021082	0.018466
	0.000593	0.035090	-0.014062	0.026125	-0.024503	-0.013945
	0.013098					
z149	0.032632	0.023132	0.043997	-0.057131	-0.042250	0.002362
	0.046023	0.010620	0.014071	-0.038247	0.011106	0.004492
	-0.014580	0.037105	-0.040413	0.001693	-0.007792	0.003715
	-0.021578	-0.017318	-0.025070	0.019706	-0.005294	0.042220
	0.025466	0.014134	0.011892	-0.017732	-0.026957	-0.007954
	-0.020546					
x150	0.018151	0.034601	0.026004	0.031689	0.020679	0.025890
	0.016892	-0.010981	0.059557	0.032031	-0.000873	0.055641
	-0.003627	0.033591	0.025951	-0.018416	-0.022109	0.035116
	0.023017	-0.021980	-0.056643	0.002641	0.064148	0.002312
	-0.036198	-0.016452	-0.014522	0.004132	-0.001044	-0.015006
	0.012474					
y150	0.073185	-0.005765	-0.107056	0.041624	-0.001327	0.019426
	0.017956	0.015514	0.045297	-0.039017	0.014849	0.035670
	-0.008498	-0.025977	-0.039297	-0.001097	0.037823	-0.016471
	-0.021859	0.008251	0.051760	-0.030928	-0.019549	0.027817
	-0.002863	0.024981	-0.005919	0.033455	-0.017573	-0.014105
	0.001289					
z150	0.024649	0.024111	0.054068	-0.057423	-0.045418	-0.000560
	0.044953	-0.001944	0.005743	-0.031169	0.019451	-0.001233
	-0.011045	0.041542	-0.039784	0.003270	-0.005432	0.012160
	-0.027451	-0.018618	-0.033472	0.020486	-0.003793	0.026955
	0.007653	0.025838	0.011104	-0.005265	-0.010421	-0.006134
	-0.008957					
x151	0.018491	0.031958	0.024820	0.031382	0.022239	0.020283
	0.015433	-0.010699	0.062489	0.033273	0.001128	0.051803
	-0.001801	0.036654	0.025752	-0.020121	-0.022975	0.037456
	0.025664	-0.016354	-0.056596	0.006977	0.061772	0.005996
	-0.039376	-0.016267	-0.015265	0.011385	0.007783	-0.016280
	0.019218					

y151	0.073506	-0.005639	-0.100324	0.041388	-0.001343	0.022696
	0.020256	0.014024	0.042301	-0.035829	0.013732	0.035808
	-0.012385	-0.020703	-0.039684	0.001051	0.038296	-0.020874
	-0.038016	-0.002129	0.061830	-0.031156	-0.019120	0.036992
	-0.008498	0.014527	-0.003100	0.045105	-0.016865	-0.011438
	-0.010009					
z151	0.018721	0.024481	0.062076	-0.064080	-0.050791	0.001499
	0.042211	-0.005438	0.011683	-0.018340	0.018543	0.001062
	-0.008568	0.044256	-0.034897	0.000752	-0.003321	0.015806
	-0.032178	-0.015215	-0.028860	0.019297	-0.000873	0.024800
	0.009117	0.043468	0.021929	0.001754	-0.015117	0.007239
	-0.021368					
x152	0.018572	0.028152	0.023859	0.028128	0.026872	0.014770
	0.013372	-0.009808	0.063047	0.033981	0.003091	0.052511
	-0.000397	0.042338	0.022864	-0.023973	-0.024080	0.035585
	0.024855	-0.005486	-0.052980	0.009866	0.062395	0.008043
	-0.033282	-0.018088	-0.017615	0.015985	0.012822	-0.019559
	0.026918					
y152	0.072477	-0.005352	-0.093180	0.039509	-0.000939	0.024546
	0.024090	0.011578	0.038780	-0.036648	0.013378	0.033862
	-0.015135	-0.018045	-0.036963	0.005162	0.038963	-0.022041
	-0.057430	-0.006910	0.061445	-0.036415	-0.016717	0.040190
	-0.012772	0.000931	-0.005005	0.056552	-0.012048	-0.017837
	-0.009130					
z152	0.012432	0.027857	0.068525	-0.063479	-0.058178	-0.000210
	0.042782	-0.012352	0.005332	-0.012479	0.022686	-0.007936
	-0.004025	0.048342	-0.032927	0.003298	-0.002995	0.028712
	-0.023742	-0.016190	-0.032482	0.013798	-0.000261	0.013155
	-0.008159	0.052622	0.025076	0.005875	-0.006287	0.009230
	-0.021152					
x153	0.019565	0.024045	0.022710	0.024624	0.029866	0.011261
	0.012260	-0.011360	0.063290	0.035450	0.002194	0.051820
	0.000825	0.045599	0.022406	-0.028328	-0.030719	0.031227
	0.024459	0.008241	-0.042549	0.007895	0.063805	0.007091
	-0.031672	-0.017286	-0.017902	0.029430	0.019323	-0.028049
	0.051490					
y153	0.070618	-0.005853	-0.084451	0.037009	0.000004	0.025697
	0.028753	0.011818	0.035370	-0.039209	0.013948	0.029132
	-0.019771	-0.011942	-0.035228	0.007221	0.038495	-0.017834
	-0.072299	-0.012508	0.052454	-0.040754	-0.010924	0.042007
	-0.019362	-0.013558	-0.014887	0.068250	-0.005956	-0.021800
	-0.004923					

z153	0.005892	0.032121	0.070374	-0.063440	-0.063487	-0.002842
	0.041070	-0.020298	-0.000221	-0.011579	0.029812	-0.016215
	0.005880	0.052762	-0.023539	0.007191	0.005706	0.032414
	-0.017884	-0.011916	-0.039483	0.019827	-0.005748	0.002710
	-0.006595	0.052108	0.029694	-0.001115	0.002853	0.009881
	-0.040123					
x154	0.019342	0.018133	0.022033	0.022511	0.032957	0.005605
	0.008599	-0.013522	0.064426	0.030513	0.003019	0.052781
	0.002044	0.045886	0.022915	-0.028060	-0.031018	0.035449
	0.015958	0.023520	-0.036798	0.015116	0.069196	0.009721
	-0.026155	-0.008920	-0.016933	0.035927	0.024364	-0.028909
	0.072185					
y154	0.068006	-0.007872	-0.074917	0.032449	0.000485	0.027930
	0.033251	0.011532	0.034881	-0.042678	0.012061	0.023159
	-0.024472	-0.005583	-0.028925	0.008628	0.039331	-0.009839
	-0.087508	-0.018112	0.039615	-0.040886	-0.003076	0.042901
	-0.021951	-0.027672	-0.030553	0.075065	-0.008761	-0.028103
	0.005882					
z154	0.001394	0.036274	0.072094	-0.065974	-0.070176	-0.000850
	0.041096	-0.026180	-0.004492	-0.001778	0.034145	-0.024012
	0.018459	0.060478	-0.016354	0.007354	0.010293	0.030827
	0.002681	-0.004024	-0.033848	0.012688	-0.011620	-0.008305
	-0.018841	0.049868	0.028169	0.000087	0.013284	0.007564
	-0.056691					
x155	0.019097	0.014101	0.018700	0.019731	0.032603	-0.000988
	0.005984	-0.014476	0.065298	0.028358	0.007215	0.047982
	0.006266	0.048627	0.023094	-0.021265	-0.025004	0.027924
	0.013947	0.039661	-0.023889	0.015535	0.064910	0.015156
	-0.021844	-0.009674	-0.021674	0.042234	0.028421	-0.031288
	0.068684					
y155	0.064611	-0.008840	-0.065484	0.028244	0.000901	0.030570
	0.039644	0.015215	0.037645	-0.044219	0.009467	0.018186
	-0.029767	0.000431	-0.019155	0.010816	0.032816	0.001605
	-0.094374	-0.018635	0.017965	-0.043110	-0.000261	0.048462
	-0.026141	-0.044828	-0.048277	0.079953	-0.007732	-0.035411
	0.019207					
z155	-0.000975	0.037934	0.073947	-0.066708	-0.073677	0.003703
	0.038786	-0.036044	-0.009408	0.008104	0.036006	-0.026306
	0.030999	0.062813	-0.004838	0.005492	0.005383	0.037034
	0.014990	0.000387	-0.036813	0.005248	-0.006442	-0.027213
	-0.016433	0.053799	0.039779	0.001292	0.025177	0.007693
	-0.047033					

x156	0.018907	0.012299	0.015958	0.019922	0.035331	-0.012242
	-0.000499	-0.017565	0.067707	0.020289	0.010012	0.042286
	0.009545	0.048025	0.020889	-0.015552	-0.019363	0.028602
	0.000455	0.056964	-0.016655	0.008988	0.062289	0.004503
	-0.030336	-0.010440	-0.028130	0.055330	0.020112	-0.054530
	0.084300					
y156	0.057974	-0.028658	-0.054555	0.012181	-0.006845	0.061375
	0.067215	0.013606	0.020750	-0.056891	0.017369	0.016584
	-0.030157	0.019302	0.021399	0.023995	0.002427	0.048005
	-0.032820	0.010758	-0.045015	-0.029486	-0.010143	0.068436
	0.007218	-0.021834	-0.043384	0.083108	0.058549	0.013700
	0.067711					
z156	-0.001202	0.048124	0.073538	-0.066142	-0.074182	-0.003452
	0.024961	-0.038810	-0.003996	0.026849	0.029291	-0.028963
	0.045363	0.061771	-0.008914	-0.000403	0.018563	0.005026
	-0.009930	-0.010000	-0.004174	-0.000977	0.006344	-0.027622
	-0.015444	0.033112	0.037454	0.005146	0.010103	-0.002475
	-0.082976					
x157	0.016232	0.006436	0.014205	0.012956	0.032468	-0.015427
	-0.011604	-0.020463	0.070142	0.015815	0.000492	0.030679
	0.006443	0.045608	0.020118	-0.018204	-0.013478	0.025939
	-0.016479	0.057697	-0.013597	0.008045	0.049549	-0.001018
	-0.024847	-0.011186	-0.014829	0.059032	0.018432	-0.038766
	0.050084					
y157	0.056156	-0.023414	-0.044430	0.009706	-0.007446	0.059001
	0.055247	0.009245	0.027771	-0.056686	0.015037	0.012004
	-0.009624	0.010865	0.031581	-0.002928	0.012543	0.036753
	-0.015175	0.031682	-0.026989	-0.022534	-0.011112	0.064154
	-0.004463	-0.000594	-0.037115	0.064745	0.035117	0.003244
	0.019256					
z157	-0.007090	0.057818	0.070311	-0.064090	-0.073097	-0.011360
	0.021250	-0.048528	-0.009841	0.035432	0.030242	-0.029002
	0.044172	0.055539	-0.020946	0.005353	0.018217	-0.014488
	-0.011912	-0.009112	-0.002402	-0.012348	0.012101	-0.048543
	-0.010191	-0.002561	0.043338	0.031273	0.000546	-0.037005
	-0.043383					
x158	0.013475	0.002890	0.010613	0.007773	0.032967	-0.024212
	-0.021367	-0.022350	0.069414	0.010289	-0.003172	0.023663
	0.007799	0.042865	0.015719	-0.016720	-0.008806	0.021217
	-0.029464	0.062900	-0.003340	-0.000337	0.030461	0.004564
	-0.027966	-0.015860	0.001325	0.046311	0.009306	-0.049926
	0.024849					

y158	0.054240	-0.018892	-0.035672	0.007469	-0.012168	0.060130
	0.045099	0.008212	0.036646	-0.048931	0.009838	0.005866
	0.005739	0.003172	0.038498	-0.026565	0.017052	0.028928
	0.004326	0.045719	-0.010613	-0.009952	-0.012691	0.065797
	-0.008653	0.020736	-0.027741	0.055939	0.015903	0.011492
	-0.030488					
z158	-0.010976	0.060294	0.067963	-0.061766	-0.075991	-0.008628
	0.017917	-0.052751	-0.013249	0.043127	0.023388	-0.032710
	0.039391	0.048582	-0.028551	0.012082	0.010201	-0.023682
	-0.016639	-0.015285	-0.011578	-0.014319	0.024238	-0.062267
	0.002051	-0.022147	0.051366	0.054879	0.004124	-0.036272
	-0.015321					
x159	0.013522	-0.000036	0.009656	-0.000157	0.029653	-0.024375
	-0.025751	-0.018122	0.066632	0.010844	-0.009334	0.025183
	0.009534	0.035072	0.018440	-0.022708	-0.005535	0.013607
	-0.046097	0.056358	0.009148	-0.002393	0.011689	0.017309
	-0.032994	-0.021532	0.018458	0.054006	0.011661	-0.035942
	0.005223					
y159	0.050853	-0.013622	-0.027685	0.006977	-0.015354	0.055994
	0.036706	0.002646	0.036783	-0.046095	0.005729	-0.004151
	0.018223	0.003184	0.034341	-0.042598	0.020029	0.020965
	0.026332	0.060269	-0.005513	-0.005548	-0.010793	0.054091
	-0.010097	0.028024	-0.022585	0.045834	0.005514	-0.000289
	-0.063872					
z159	-0.015373	0.062591	0.061505	-0.052987	-0.074151	-0.013532
	0.013230	-0.061794	-0.016574	0.041138	0.019139	-0.045305
	0.035976	0.047021	-0.042106	0.021132	0.006551	-0.028243
	-0.007907	-0.016484	-0.020476	-0.022109	0.035238	-0.079215
	0.005200	-0.046130	0.055870	0.053159	-0.003497	-0.057568
	0.006798					
x160	0.014985	-0.004297	0.008092	-0.006415	0.029154	-0.027851
	-0.027858	-0.010691	0.062928	0.008067	-0.006380	0.030428
	0.014757	0.038814	0.014432	-0.017850	0.000447	0.015262
	-0.059206	0.050668	0.015326	0.008670	0.015872	0.013205
	-0.025671	-0.022677	0.010497	0.059867	0.006786	-0.032744
	0.003298					
y160	0.046871	-0.009875	-0.018973	0.005201	-0.020713	0.053497
	0.029807	-0.002979	0.034145	-0.038123	-0.001245	-0.014757
	0.024366	-0.001275	0.028015	-0.055380	0.019895	0.011652
	0.038985	0.063654	0.001229	-0.006772	-0.013737	0.055475
	-0.013486	0.037060	-0.011156	0.037734	-0.003697	0.003990
	-0.082258					

z160	-0.016701	0.062282	0.055642	-0.039568	-0.071860	-0.013212
	0.009902	-0.063033	-0.016607	0.040316	0.011941	-0.053836
	0.031572	0.041857	-0.045959	0.030226	0.004402	-0.031288
	-0.002951	-0.020180	-0.019448	-0.025784	0.036164	-0.072503
	-0.000811	-0.058311	0.059963	0.049509	-0.012783	-0.053079
	0.019637					
x161	0.015100	-0.010039	0.009294	-0.014521	0.026281	-0.029372
	-0.031903	-0.001480	0.055689	0.009998	-0.009173	0.029100
	0.016889	0.040134	0.006517	-0.013466	0.001717	0.012702
	-0.075317	0.045106	0.028538	0.014301	0.009849	0.015139
	-0.020329	-0.031378	0.008463	0.054862	0.023633	-0.024693
	0.002590					
y161	0.041647	-0.004614	-0.011783	0.003058	-0.025781	0.048702
	0.028356	-0.009171	0.026429	-0.034226	-0.004538	-0.021334
	0.028024	-0.000998	0.018100	-0.064411	0.019132	0.004865
	0.052232	0.064538	0.003675	-0.005698	-0.012588	0.043695
	-0.011406	0.035896	-0.006438	0.032409	-0.024481	0.005861
	-0.098165					
z161	-0.016412	0.061336	0.047838	-0.024068	-0.064797	-0.011995
	0.008745	-0.060499	-0.015664	0.037114	0.009513	-0.056722
	0.028686	0.035208	-0.050154	0.037147	0.005217	-0.030142
	0.005839	-0.018141	-0.013635	-0.013839	0.038141	-0.063742
	-0.004138	-0.072990	0.053880	0.043511	-0.016756	-0.040804
	0.037323					
x162	0.015324	-0.013614	0.007837	-0.027949	0.021202	-0.030474
	-0.026934	0.009682	0.035466	0.016000	-0.013472	0.022145
	0.016978	0.038425	0.003151	0.001349	-0.003029	0.001430
	-0.089905	0.017209	0.047338	0.008098	0.000081	-0.009882
	0.000937	-0.050892	-0.015037	0.065686	0.051969	-0.022539
	0.002883					
y162	0.036420	-0.000784	-0.004999	0.000047	-0.028578	0.046550
	0.026905	-0.014982	0.020368	-0.025811	-0.010543	-0.025974
	0.026214	0.002219	0.001069	-0.069716	0.014151	-0.000074
	0.059173	0.056294	0.002758	-0.004747	-0.014910	0.043376
	-0.006020	0.032255	0.007837	0.028447	-0.053509	0.020710
	-0.118318					
z162	-0.013196	0.057922	0.038078	-0.005899	-0.053217	-0.006402
	0.008635	-0.055824	-0.011243	0.036564	0.005036	-0.060484
	0.023424	0.029913	-0.052427	0.047233	0.005342	-0.026794
	0.014822	-0.028030	-0.002498	0.001754	0.031401	-0.044876
	-0.004893	-0.086128	0.046662	0.040164	-0.025375	-0.014020
	0.031410					

x163	0.014483	-0.015433	0.004779	-0.043581	0.018894	-0.026603
	-0.025579	0.021720	0.023627	0.021251	-0.032042	0.011066
	0.025544	0.039000	0.006451	0.003752	0.000135	0.006878
	-0.092380	0.001255	0.063790	0.006797	0.003587	-0.008943
	0.008715	-0.048912	-0.005737	0.054705	0.046670	-0.012776
	0.011598					
y163	0.030311	0.001485	0.001393	0.003028	-0.035910	0.035728
	0.028791	-0.022527	0.003848	-0.021583	-0.010881	-0.031590
	0.017438	0.009103	-0.021257	-0.071449	0.004832	-0.002477
	0.066078	0.045513	-0.004270	-0.003605	-0.014272	0.031425
	-0.014644	0.016854	0.007306	0.020020	-0.063129	0.014920
	-0.105547					
z163	-0.007357	0.053426	0.030279	0.015064	-0.039873	-0.000613
	0.011983	-0.041052	-0.013951	0.033056	0.005333	-0.051864
	0.020075	0.020163	-0.056864	0.054760	0.002295	-0.026990
	0.015227	-0.028493	0.003788	0.021049	0.032945	-0.024555
	-0.014435	-0.096928	0.026913	0.035677	-0.026362	0.004734
	0.052768					
x164	0.012476	-0.018566	0.004716	-0.048618	0.006998	-0.029753
	-0.030264	0.030186	0.017731	0.012285	-0.031209	-0.000110
	0.029563	0.041784	-0.002763	0.007726	0.004660	0.018281
	-0.085422	0.008998	0.071744	0.014622	0.018307	-0.002722
	-0.012681	-0.043707	-0.005505	0.000542	0.053030	-0.003318
	0.033495					
y164	0.023290	0.001708	0.006876	-0.002095	-0.039516	0.033087
	0.034373	-0.024835	-0.010522	-0.001832	-0.022705	-0.031294
	0.009764	0.015918	-0.047245	-0.074466	-0.004104	-0.003563
	0.062609	0.023077	0.005478	0.000248	-0.024999	0.019157
	0.011088	-0.007418	0.013765	0.034554	-0.082781	0.026253
	-0.109363					
z164	-0.000197	0.045478	0.023946	0.037629	-0.024293	0.009866
	0.014710	-0.016367	-0.007390	0.030309	0.005126	-0.031348
	0.022880	0.006664	-0.063837	0.055629	0.003671	-0.020936
	0.009635	-0.018387	0.016798	0.054672	0.038823	0.012441
	-0.019764	-0.098814	0.006622	0.027707	-0.028524	0.040171
	0.070595					
x165	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					

y165	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					
z165	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x166	0.060579	0.009167	0.036617	0.039836	-0.012609	-0.032999
	-0.022339	0.014210	-0.021705	0.052824	-0.049249	-0.026108
	0.016412	-0.038868	0.016000	0.000641	0.001151	-0.072200
	0.042489	-0.075528	-0.024875	0.029894	0.045021	-0.027362
	0.047623	0.081062	0.003168	-0.015241	0.068320	-0.011226
	-0.013634					
y166	-0.004727	-0.027620	0.020626	0.019897	-0.035373	0.045417
	-0.016133	0.033369	-0.029569	-0.065694	0.001302	-0.015645
	0.019509	0.026022	-0.014665	0.000140	-0.019061	0.055202
	0.016594	0.005656	-0.001894	-0.072894	-0.059288	-0.046993
	0.090319	-0.019619	0.029949	-0.006863	0.061311	0.073888
	-0.026654					
z166	0.005688	0.007902	0.005774	-0.004356	-0.048198	0.013796
	-0.046240	-0.034068	0.021896	0.027143	-0.024396	0.031342
	0.029518	-0.001853	0.001453	0.017526	0.024356	0.029044
	0.003269	0.032050	0.045134	-0.009986	-0.018684	0.001931
	-0.016110	0.003549	-0.034558	-0.061375	0.000509	0.049964
	0.021724					
x167	0.063615	0.006543	0.039382	0.040776	-0.016168	-0.033423
	-0.013177	0.017600	-0.013013	0.030348	-0.037432	-0.011379
	0.013729	-0.039687	0.017972	0.009090	0.003321	-0.061482
	0.047552	-0.061542	-0.020129	0.027026	0.050642	-0.039590
	0.045499	0.060392	-0.012549	-0.011004	0.093668	-0.019044
	0.000166					
y167	-0.010925	-0.030649	0.019470	0.013690	-0.034409	0.039510
	-0.017076	0.030348	-0.029584	-0.049360	0.008074	-0.026627
	0.017027	0.023039	-0.007829	-0.002098	-0.028421	0.058821
	0.015360	0.019826	-0.011824	-0.050868	-0.042487	-0.034829
	0.056803	-0.025156	0.020348	-0.004797	0.048495	0.055630
	-0.040008					

z167	0.003666	0.011190	0.011875	0.001865	-0.042778	0.025749
	-0.046063	-0.032026	0.013804	0.031048	-0.019894	0.022643
	0.022900	-0.006704	-0.004688	0.000505	0.024118	0.008931
	-0.001404	0.026012	0.031337	0.022926	-0.027081	0.011217
	-0.004422	0.005971	-0.032707	-0.019539	0.002463	0.033393
	0.027846					
x168	0.063381	0.002596	0.040348	0.042963	-0.022039	-0.031140
	-0.009739	0.016064	-0.009505	0.019315	-0.034455	0.002275
	0.011805	-0.039166	0.019991	-0.001780	-0.010555	-0.051472
	0.046756	-0.043540	-0.014334	0.025792	0.058087	-0.025339
	0.038465	0.043228	-0.018151	-0.017792	0.089112	-0.024229
	0.023340					
y168	-0.016034	-0.033219	0.019217	0.010929	-0.032294	0.031619
	-0.016194	0.028680	-0.030478	-0.034316	0.014445	-0.039461
	0.021135	0.018599	0.001231	0.001726	-0.031769	0.067559
	0.007594	0.023065	-0.022468	-0.036988	-0.027990	-0.013269
	0.038544	-0.024986	0.002228	0.011721	0.032488	0.042364
	-0.060063					
z168	0.002386	0.014157	0.017591	0.005983	-0.038543	0.034214
	-0.041315	-0.026699	0.011922	0.027542	-0.010961	0.017996
	0.017195	-0.011538	-0.009932	-0.004938	0.032236	-0.005824
	-0.000585	0.019796	0.020389	0.042608	-0.029041	0.003244
	-0.000139	0.011832	-0.029925	0.010726	0.016106	0.010769
	0.031155					
x169	0.062242	-0.001322	0.039901	0.040861	-0.028168	-0.030124
	-0.003677	0.012161	-0.005610	0.008079	-0.031409	0.009264
	0.018978	-0.049108	0.021214	-0.013040	-0.017741	-0.037008
	0.044914	-0.037095	0.004488	0.017945	0.051447	-0.000039
	0.046727	0.004692	-0.028634	-0.025174	0.075350	-0.020390
	0.026629					
y169	-0.020555	-0.034386	0.019151	0.007968	-0.028029	0.024795
	-0.015066	0.027446	-0.033806	-0.021486	0.022500	-0.050850
	0.022784	0.017159	0.006026	0.005214	-0.030413	0.071259
	0.001430	0.025363	-0.034658	-0.021771	-0.010660	-0.001939
	0.018999	-0.016080	-0.008106	0.028386	0.029284	0.029974
	-0.075798					
z169	0.001173	0.016308	0.022327	0.011484	-0.033846	0.040295
	-0.037253	-0.021151	0.009116	0.025042	-0.001917	0.014643
	0.011714	-0.010294	-0.013914	-0.007615	0.035345	-0.019282
	-0.001359	0.013962	0.009967	0.055571	-0.027118	-0.003500
	0.002161	0.018781	-0.028323	0.033748	0.028451	-0.014327
	0.036663					

x170	0.058039	-0.004145	0.037971	0.041478	-0.033164	-0.031102
	0.001014	0.011044	-0.007843	-0.001182	-0.025495	0.006820
	0.018844	-0.058048	0.024881	-0.019772	-0.020836	-0.020955
	0.033793	-0.033678	0.006183	0.011346	0.041334	0.007603
	0.043521	-0.014150	-0.027696	-0.007961	0.076582	-0.017837
	0.030983					
y170	-0.021950	-0.036458	0.020218	0.002335	-0.021501	0.021756
	-0.014672	0.025703	-0.033484	-0.009293	0.026208	-0.052793
	0.023329	0.019133	0.007159	0.006243	-0.030868	0.066476
	0.000795	0.026251	-0.033499	-0.006193	0.007014	0.015321
	0.004733	-0.006960	-0.016076	0.031897	0.020343	0.025532
	-0.084426					
z170	0.000893	0.016624	0.025082	0.014855	-0.029282	0.048170
	-0.035536	-0.013851	0.013737	0.028108	0.001624	0.013095
	0.009489	-0.008154	-0.015053	-0.011333	0.036714	-0.031127
	-0.006581	0.007551	0.011610	0.066732	-0.024066	0.004542
	0.012129	0.027062	-0.026363	0.046933	0.032971	-0.021100
	0.031965					
x171	0.054448	-0.007281	0.035136	0.037856	-0.035231	-0.026333
	0.003300	0.010142	-0.008956	-0.003548	-0.021116	0.006104
	0.013617	-0.058548	0.028626	-0.027534	-0.016953	-0.011282
	0.029318	-0.030454	0.002515	0.008893	0.042263	0.002327
	0.035243	-0.022163	-0.028885	0.015814	0.076993	-0.009674
	0.008001					
y171	-0.022810	-0.037973	0.022442	-0.003320	-0.014636	0.015963
	-0.011764	0.020608	-0.034662	-0.006129	0.029164	-0.050022
	0.026489	0.015790	0.003956	0.007191	-0.034808	0.060440
	0.002543	0.025615	-0.024405	-0.002012	0.014527	0.035866
	-0.007233	-0.008072	-0.021863	0.022254	0.011432	0.013722
	-0.066816					
z171	-0.000816	0.017739	0.025500	0.018310	-0.025734	0.051431
	-0.033266	-0.007944	0.017718	0.028555	0.006271	0.009265
	0.009584	-0.007895	-0.014615	-0.012782	0.036361	-0.038531
	-0.012936	0.002512	0.011023	0.065749	-0.023917	0.007960
	0.016845	0.031070	-0.024371	0.053527	0.035799	-0.032950
	0.029719					
x172	0.050478	-0.015366	0.032126	0.031592	-0.039514	-0.021736
	0.006091	0.006629	-0.009228	-0.007282	-0.014992	0.010431
	0.013051	-0.055991	0.031317	-0.034878	-0.018482	0.002531
	0.035992	-0.029719	0.003575	-0.000355	0.036917	-0.004980
	0.023714	-0.029876	-0.024549	0.028308	0.079840	-0.011974
	0.009272					

y172	-0.022733	-0.035676	0.024420	-0.009241	-0.004760	0.012375
	-0.010087	0.016746	-0.037927	-0.002219	0.030002	-0.048699
	0.025392	0.012068	-0.003290	0.007817	-0.032873	0.045751
	-0.003704	0.024057	-0.015048	0.001932	0.025521	0.047708
	-0.019762	-0.001115	-0.020698	0.014067	0.002627	0.008574
	-0.060747					
z172	-0.002264	0.017498	0.024592	0.020457	-0.023206	0.054430
	-0.030674	-0.003156	0.023111	0.029845	0.011397	0.007450
	0.011769	-0.006980	-0.010689	-0.012685	0.032803	-0.042309
	-0.014211	-0.000229	0.010821	0.057291	-0.022576	0.013522
	0.022241	0.033257	-0.023995	0.049838	0.041756	-0.037896
	0.030941					
x173	0.046384	-0.021879	0.029072	0.024658	-0.042263	-0.016681
	0.005697	0.002514	-0.009049	-0.008219	-0.012048	0.013844
	0.012179	-0.059650	0.025896	-0.043544	-0.021727	0.013058
	0.032762	-0.024653	0.009337	-0.007524	0.035627	-0.004832
	0.008026	-0.021394	-0.022336	0.018317	0.071121	-0.007073
	0.019262					
y173	-0.022110	-0.033261	0.026248	-0.016265	0.004204	0.009151
	-0.005806	0.012649	-0.041578	-0.003465	0.032287	-0.044266
	0.022318	0.014137	-0.007092	0.007571	-0.024274	0.026908
	-0.001476	0.009493	-0.009110	0.001095	0.032888	0.049383
	-0.032182	0.002444	-0.018613	0.024618	0.007364	0.010945
	-0.060420					
z173	-0.003270	0.017654	0.021423	0.024000	-0.020746	0.052835
	-0.029076	0.000817	0.032406	0.031645	0.018473	0.007065
	0.015991	-0.005085	-0.006349	-0.011010	0.028808	-0.041582
	-0.017263	-0.008955	0.013789	0.040641	-0.019697	0.017699
	0.025136	0.032934	-0.031361	0.044315	0.043051	-0.044145
	0.033979					
x174	0.040575	-0.029483	0.025585	0.014180	-0.044299	-0.011122
	0.006200	-0.000603	-0.010968	-0.010836	-0.008086	0.017446
	0.006044	-0.062742	0.023711	-0.051007	-0.018787	0.010806
	0.032741	-0.025055	0.004387	-0.018771	0.039759	-0.005540
	-0.006017	-0.020831	-0.019034	0.015662	0.056875	0.005600
	0.016336					
y174	-0.020275	-0.030117	0.029114	-0.023104	0.015115	0.008253
	-0.002358	0.007977	-0.044954	-0.004974	0.030527	-0.040528
	0.020535	0.016159	-0.015601	0.006330	-0.015312	0.011637
	-0.001253	-0.000064	0.008890	-0.002517	0.034440	0.049524
	-0.046577	0.012097	-0.002149	0.028705	0.014312	0.007234
	-0.054461					

z174	-0.004600	0.017120	0.017163	0.025958	-0.018804	0.049810
	-0.027990	0.004430	0.045617	0.033672	0.022767	0.006816
	0.021881	-0.003504	0.000194	-0.008572	0.023518	-0.037258
	-0.020118	-0.014900	0.022115	0.014231	-0.019529	0.023717
	0.026638	0.029472	-0.034862	0.029907	0.040203	-0.049139
	0.031148					
x175	0.034242	-0.037056	0.022316	0.000273	-0.046498	-0.006101
	0.008930	-0.000087	-0.016144	-0.017483	-0.008068	0.016646
	-0.006530	-0.059368	0.026052	-0.058330	-0.012903	-0.002962
	0.034724	-0.033711	0.009549	-0.031753	0.043799	-0.018721
	-0.023706	-0.026909	-0.001664	0.016758	0.051214	0.010619
	-0.000913					
y175	-0.017305	-0.026982	0.028704	-0.028069	0.028878	0.011412
	0.000381	-0.004209	-0.047690	-0.000180	0.035956	-0.031785
	0.021760	0.010610	-0.033843	0.005164	-0.009227	0.009606
	0.001767	-0.006918	0.019809	-0.007251	0.034097	0.052254
	-0.051981	0.035316	0.006097	0.032008	0.007510	0.010271
	-0.015655					
z175	-0.006908	0.016049	0.012647	0.026956	-0.018888	0.043641
	-0.027388	0.010637	0.061397	0.032189	0.021790	0.006046
	0.028905	0.001999	0.014212	-0.006008	0.019593	-0.035226
	-0.023498	-0.019466	0.033944	-0.021538	-0.020996	0.031647
	0.022752	0.016644	-0.036521	0.005063	0.040854	-0.052896
	0.007762					
x176	0.030902	-0.045063	0.019154	-0.004945	-0.042699	-0.005713
	0.001943	-0.004764	-0.012169	-0.019681	-0.004661	0.020427
	-0.011266	-0.051022	0.018373	-0.057775	-0.000034	-0.012701
	0.037987	-0.032766	0.012165	-0.042569	0.042335	-0.034346
	-0.032131	-0.021591	-0.023094	0.021542	0.045991	0.018082
	-0.011812					
y176	-0.015995	-0.024367	0.026396	-0.021942	0.036171	0.002711
	-0.004588	-0.017700	-0.050112	-0.005453	0.038631	-0.022172
	0.029650	0.006654	-0.041035	0.006582	0.007163	0.002609
	0.006618	0.007990	0.013524	-0.006473	0.032482	0.034070
	-0.041210	0.029459	-0.018243	0.026634	0.014683	0.005758
	-0.016357					
z176	-0.009598	0.014071	0.016209	0.023137	-0.016866	0.045239
	-0.023116	0.015983	0.059970	0.030262	0.016999	0.006722
	0.019221	0.007288	0.020627	-0.007641	0.021269	-0.031765
	-0.019849	-0.036859	0.036259	-0.036783	-0.018305	0.032999
	0.024940	0.010728	-0.025728	0.005064	0.028014	-0.041963
	0.001464					

x177	0.027363	-0.052044	0.016241	-0.008892	-0.040228	-0.006456
	-0.005440	-0.010726	-0.007037	-0.025045	0.001309	0.027607
	-0.012293	-0.044411	0.010855	-0.058411	0.009544	-0.019962
	0.033311	-0.021281	0.011133	-0.042182	0.042814	-0.045595
	-0.043976	-0.014504	-0.043196	0.017084	0.044810	0.020697
	-0.016360					
y177	-0.014353	-0.021354	0.025264	-0.016333	0.044076	-0.004546
	-0.006769	-0.028984	-0.052862	-0.008618	0.039608	-0.018388
	0.036812	0.003726	-0.046509	0.006770	0.026405	-0.003851
	0.018009	0.015056	0.011663	-0.011163	0.030800	0.021365
	-0.033109	0.025113	-0.030874	0.022197	0.018040	0.000418
	-0.013110					
z177	-0.012103	0.011215	0.019773	0.020178	-0.015645	0.045191
	-0.019253	0.019056	0.057994	0.027897	0.012244	0.006549
	0.010846	0.011356	0.026010	-0.008385	0.020596	-0.026749
	-0.014451	-0.051068	0.036483	-0.047475	-0.015575	0.032946
	0.025841	0.006864	-0.015594	0.002727	0.017608	-0.030648
	-0.007412					
x178	0.022978	-0.057666	0.012454	-0.011794	-0.037815	-0.009931
	-0.011072	-0.021994	-0.005549	-0.034534	0.009964	0.032706
	-0.010075	-0.040014	0.004873	-0.058855	0.021768	-0.027409
	0.030173	-0.003860	0.005427	-0.043126	0.041401	-0.061665
	-0.060697	-0.013147	-0.056832	0.005123	0.050173	0.012841
	-0.013653					
y178	-0.011265	-0.016950	0.025254	-0.011448	0.053025	-0.009583
	-0.006414	-0.032663	-0.054996	-0.008112	0.038409	-0.016223
	0.039982	0.002690	-0.053055	0.007723	0.038542	-0.010030
	0.026334	0.011871	0.012749	-0.011224	0.029298	0.019755
	-0.023034	0.023560	-0.041011	0.025821	0.012798	0.001104
	-0.009988					
z178	-0.014423	0.007956	0.022763	0.017846	-0.014502	0.043204
	-0.014804	0.020559	0.053374	0.025262	0.007961	0.006502
	0.003847	0.015619	0.030792	-0.008509	0.018829	-0.023454
	-0.006430	-0.063209	0.033083	-0.057092	-0.012957	0.029372
	0.025085	0.003192	-0.008632	0.000824	0.013173	-0.020568
	-0.013299					
x179	0.018527	-0.061280	0.007939	-0.015027	-0.033725	-0.013788
	-0.013649	-0.033702	-0.008263	-0.046212	0.021477	0.035004
	-0.006259	-0.033720	-0.000916	-0.059848	0.034564	-0.037773
	0.029206	0.011956	-0.003468	-0.042594	0.042410	-0.076926
	-0.074729	-0.015338	-0.070380	-0.008484	0.055474	0.003930
	-0.001601					

y179	-0.007457	-0.012143	0.025988	-0.005865	0.060567	-0.013798
	-0.006237	-0.034969	-0.053097	-0.005555	0.032383	-0.015022
	0.038944	-0.003554	-0.057878	0.010083	0.044587	-0.011697
	0.029835	0.007477	0.017256	-0.008170	0.018853	0.021099
	-0.019763	0.021204	-0.037361	0.033740	0.002215	0.000968
	-0.017893					
z179	-0.016937	0.004420	0.025280	0.016039	-0.013303	0.040958
	-0.011022	0.020278	0.048898	0.021432	0.005100	0.005005
	-0.001211	0.020350	0.035427	-0.008989	0.016141	-0.019653
	0.002162	-0.069956	0.028902	-0.070034	-0.012573	0.027297
	0.020995	0.000751	-0.007287	-0.002212	0.011553	-0.013517
	-0.011564					
x180	0.016098	-0.065294	0.003868	-0.020880	-0.029418	-0.011318
	-0.016342	-0.041384	-0.002123	-0.049276	0.025223	0.038593
	-0.005837	-0.034244	-0.002749	-0.061509	0.048187	-0.045755
	0.022104	0.022456	0.003133	-0.033529	0.037331	-0.077979
	-0.082645	-0.008612	-0.067680	-0.015810	0.047282	0.011881
	0.006780					
y180	-0.005081	-0.006898	0.026272	-0.000016	0.066792	-0.021008
	-0.003068	-0.040592	-0.058638	-0.009375	0.033403	-0.015493
	0.042247	-0.004948	-0.063387	0.013960	0.042953	-0.016522
	0.039724	0.009054	0.005079	-0.006073	0.011722	0.013235
	-0.018580	0.007975	-0.034665	0.036225	0.003640	-0.015006
	-0.024880					
z180	-0.019113	-0.000765	0.027258	0.014305	-0.012214	0.040028
	-0.008490	0.019543	0.047137	0.018830	0.001842	0.005338
	-0.005112	0.024798	0.039051	-0.009690	0.013615	-0.016974
	0.009415	-0.072712	0.026659	-0.082724	-0.012399	0.028759
	0.018210	0.002395	-0.005730	-0.004737	0.012255	-0.003945
	-0.006725					
x181	0.013370	-0.066833	-0.001295	-0.024043	-0.022247	-0.012254
	-0.015562	-0.053816	-0.005359	-0.058804	0.033543	0.037598
	-0.001530	-0.033528	-0.008708	-0.060653	0.057473	-0.056836
	0.019589	0.035093	-0.007522	-0.025603	0.034666	-0.086905
	-0.096827	-0.013525	-0.062585	-0.031276	0.039976	-0.002931
	0.015852					
y181	-0.002861	-0.002384	0.028144	0.003412	0.070656	-0.026046
	0.000654	-0.040163	-0.055846	-0.010640	0.029646	-0.015271
	0.038732	-0.009470	-0.059269	0.011531	0.045910	-0.014635
	0.041562	0.003415	0.014994	0.004077	-0.000949	0.017807
	-0.017892	0.003402	-0.026462	0.050874	0.001319	-0.008247
	-0.018039					

z181	-0.021180	-0.006826	0.029435	0.013930	-0.010494	0.037150
	-0.006525	0.016625	0.042743	0.013307	-0.001399	0.004381
	-0.006608	0.027998	0.041448	-0.009638	0.009774	-0.012270
	0.017801	-0.069278	0.018533	-0.090491	-0.009483	0.027219
	0.010914	0.005140	-0.010114	-0.014338	0.012360	-0.002828
	0.000165					
x182	0.009926	-0.066834	-0.007569	-0.026742	-0.013579	-0.016763
	-0.012653	-0.068071	-0.011276	-0.070969	0.044234	0.033511
	0.000758	-0.035183	-0.010993	-0.060135	0.066947	-0.066301
	0.018353	0.047571	-0.014292	-0.007113	0.024340	-0.094166
	-0.113611	-0.025876	-0.045582	-0.037624	0.045040	-0.024320
	0.038059					
y182	0.000816	0.001263	0.032194	0.004762	0.073945	-0.023427
	0.004316	-0.036711	-0.048264	-0.007860	0.021430	-0.013704
	0.039053	-0.011962	-0.062657	0.010148	0.042402	-0.014903
	0.036939	-0.001704	0.013990	-0.001889	-0.001656	0.029549
	-0.013274	0.008985	-0.020775	0.046529	-0.023057	0.006755
	-0.018566					
z182	-0.023357	-0.014478	0.031351	0.014139	-0.010003	0.031564
	-0.005677	0.011805	0.038646	0.006121	-0.004651	0.005346
	-0.008481	0.028844	0.042803	-0.008893	0.003257	-0.005741
	0.024544	-0.062019	0.007555	-0.091792	-0.005315	0.023115
	0.002942	0.008619	-0.010077	-0.021116	0.021390	-0.000194
	0.009267					
x183	0.007543	-0.066566	-0.013746	-0.030828	-0.004293	-0.017427
	-0.008664	-0.082004	-0.013819	-0.080009	0.051809	0.029670
	0.004389	-0.038905	-0.012781	-0.060815	0.074515	-0.077711
	0.013391	0.058428	-0.022177	0.011608	0.015506	-0.094343
	-0.126448	-0.037186	-0.016240	-0.043767	0.037010	-0.042020
	0.057682					
y183	0.004166	0.008192	0.036633	0.009093	0.074499	-0.025714
	0.010518	-0.029105	-0.045185	-0.006256	0.018558	-0.016687
	0.035507	-0.017816	-0.062479	0.010611	0.039005	-0.009574
	0.037336	-0.004313	0.024904	0.008184	-0.011179	0.035213
	-0.015864	0.009016	-0.024557	0.040154	-0.035617	0.015410
	-0.019069					
z183	-0.025367	-0.023257	0.032666	0.015921	-0.008810	0.027216
	-0.004103	0.006953	0.035860	0.000336	-0.006375	0.006542
	-0.010111	0.030783	0.042836	-0.008728	-0.000064	-0.001260
	0.033792	-0.049694	-0.003129	-0.098322	-0.003206	0.025170
	-0.006535	0.013395	-0.012909	-0.029021	0.029405	-0.000701
	0.024077					

x184	-0.000777	-0.066440	-0.029419	-0.011483	0.022043	-0.016272
	0.006398	-0.087048	-0.026171	-0.094089	0.061172	-0.000854
	0.029093	-0.041009	-0.020558	-0.065717	0.046377	-0.053340
	-0.089835	0.031137	-0.033211	0.070314	-0.006837	0.055216
	-0.060513	-0.006127	0.049325	0.045961	0.004963	0.040898
	0.000226					
y184	0.008246	0.013429	0.040581	0.016130	0.074442	-0.029066
	0.017131	-0.024411	-0.044844	-0.007824	0.018274	-0.019934
	0.035053	-0.019024	-0.060343	0.018882	0.029538	-0.001475
	0.030649	-0.015264	0.014364	0.006389	-0.013767	0.051839
	-0.000953	0.014013	-0.025354	0.035701	-0.036403	0.010894
	-0.019234					
z184	-0.029252	-0.033386	0.031540	0.022878	-0.004196	0.022362
	-0.000181	0.001414	0.030875	-0.008897	-0.006079	0.002380
	-0.004657	0.033055	0.040946	-0.009406	-0.011643	0.007875
	0.021834	-0.039483	-0.016685	-0.096110	-0.000129	0.054627
	-0.007137	0.025467	-0.012645	-0.017256	0.036536	0.012370
	0.026543					
x185	-0.003274	-0.061735	-0.038799	-0.009414	0.029833	-0.032953
	0.005411	-0.094005	-0.020630	-0.097250	0.065097	-0.005993
	0.037819	-0.022797	-0.009980	-0.042021	0.046201	-0.038627
	-0.090229	0.017280	-0.048525	0.084293	-0.011069	0.049969
	-0.053270	-0.024274	0.026839	0.038179	-0.008121	0.012615
	-0.015115					
y185	0.012479	0.016628	0.046393	0.011674	0.073192	-0.029039
	0.016399	-0.024092	-0.036064	-0.004943	0.012787	-0.012627
	0.024358	-0.014010	-0.059498	0.022635	0.023643	0.015222
	0.034567	-0.032919	0.032904	0.011268	-0.006022	0.033729
	0.015383	0.020530	-0.016929	0.033832	-0.044867	-0.003577
	-0.028437					
z185	-0.028562	-0.039902	0.026227	0.024482	0.008128	0.020639
	-0.002218	-0.009374	0.028134	-0.023579	-0.014661	0.007790
	-0.005601	0.034964	0.036857	-0.007935	-0.001190	0.007074
	0.004378	-0.036107	0.003020	-0.079747	0.004342	0.062142
	-0.012092	0.012306	0.008360	-0.016208	0.029804	0.006584
	0.028062					
x186	-0.005826	-0.056363	-0.047013	-0.008467	0.034876	-0.046535
	0.005153	-0.099899	-0.014855	-0.098408	0.069084	-0.010342
	0.044341	-0.006169	-0.002263	-0.021541	0.042702	-0.026272
	-0.089367	0.003594	-0.061313	0.092269	-0.011796	0.044304
	-0.045372	-0.037575	0.011256	0.030793	-0.017173	-0.014268
	-0.027218					

y186	0.017306	0.019308	0.052612	0.010586	0.072229	-0.028970
	0.016464	-0.021307	-0.032018	-0.008067	0.011478	-0.008304
	0.013422	-0.008699	-0.054587	0.026680	0.025508	0.026796
	0.044089	-0.040029	0.048733	0.011921	0.002922	0.012378
	0.018418	0.020050	-0.048640	0.015332	-0.048145	-0.010868
	-0.007544					
z186	-0.029017	-0.045649	0.020704	0.025742	0.018590	0.015285
	-0.001614	-0.019358	0.023484	-0.040842	-0.022627	0.010455
	-0.005486	0.035561	0.030962	-0.004817	0.006587	0.009763
	-0.011475	-0.032356	0.014711	-0.056502	0.011999	0.059741
	-0.011932	0.001367	0.028017	-0.018767	0.025968	0.001896
	0.025408					
x187	-0.009034	-0.050178	-0.054419	-0.006120	0.038127	-0.057794
	0.006893	-0.104844	-0.013040	-0.098595	0.072631	-0.016698
	0.046948	0.008587	0.000142	-0.007132	0.033349	-0.015567
	-0.089078	-0.010256	-0.072074	0.095833	-0.010463	0.040652
	-0.040600	-0.046921	-0.002614	0.021281	-0.021962	-0.031993
	-0.031990					
y187	0.020522	0.023847	0.059650	0.010071	0.071631	-0.032520
	0.020359	-0.021194	-0.035359	-0.019107	0.013306	-0.003834
	0.003327	-0.000577	-0.062441	0.026674	0.024774	0.036755
	0.048014	-0.046939	0.050196	-0.001813	0.005482	-0.000062
	0.023123	0.012838	-0.064818	0.000007	-0.049508	-0.018533
	0.011877					
z187	-0.030783	-0.050960	0.015355	0.028266	0.027726	0.006785
	-0.000035	-0.028903	0.014363	-0.058802	-0.028381	0.008227
	-0.005600	0.038216	0.020598	0.000937	0.007778	0.013181
	-0.018862	-0.028493	0.016898	-0.045237	0.019863	0.051189
	-0.018860	-0.008934	0.035746	-0.017778	0.027064	-0.007634
	0.028406					
x188	-0.011894	-0.043720	-0.060740	-0.006276	0.037801	-0.062891
	0.008422	-0.106956	-0.008479	-0.093712	0.073718	-0.021555
	0.046383	0.018686	0.000353	0.001271	0.021406	-0.009864
	-0.088686	-0.022613	-0.075624	0.096544	-0.008264	0.038289
	-0.032294	-0.045853	-0.010686	0.011120	-0.025193	-0.039284
	-0.035206					
y188	0.025412	0.026181	0.065041	0.002888	0.065448	-0.024097
	0.018630	-0.013139	-0.024879	-0.014071	0.011054	0.007839
	-0.000423	-0.003939	-0.062836	0.024439	0.031005	0.033522
	0.053809	-0.046000	0.062105	-0.002382	0.001131	-0.003109
	0.036291	0.022215	-0.060044	-0.005793	-0.051702	-0.012073
	-0.006961					

z188	-0.030789	-0.057405	0.009135	0.028017	0.031806	0.004026
	0.000295	-0.031723	0.016442	-0.061586	-0.039266	0.008051
	-0.004467	0.038316	0.012814	0.007576	0.005210	0.012550
	-0.025303	-0.022282	0.024938	-0.035504	0.020400	0.054351
	-0.020026	-0.004849	0.049298	-0.008362	0.024894	0.001460
	0.017611					
x189	-0.014146	-0.036360	-0.065678	-0.006712	0.034038	-0.064255
	0.011141	-0.106341	-0.004846	-0.085692	0.074776	-0.026291
	0.043796	0.027338	-0.002921	0.007002	0.006660	-0.006674
	-0.087273	-0.034850	-0.075900	0.091212	-0.005729	0.037917
	-0.023246	-0.037730	-0.015763	0.003195	-0.023353	-0.038982
	-0.035438					
y189	0.030393	0.029476	0.072416	0.000357	0.057607	-0.018639
	0.019262	-0.006301	-0.019732	-0.012392	0.008970	0.016763
	-0.005457	0.000797	-0.059069	0.031406	0.039041	0.029985
	0.061455	-0.042324	0.075568	-0.006144	-0.007615	-0.009631
	0.043664	0.028522	-0.065800	-0.007355	-0.043853	-0.021042
	-0.012189					
z189	-0.032033	-0.063122	0.002327	0.027906	0.034579	-0.000950
	0.004498	-0.032732	0.017129	-0.064099	-0.047372	0.003501
	-0.002584	0.038101	0.003864	0.016526	0.002328	0.010954
	-0.025403	-0.013390	0.025590	-0.029761	0.021320	0.053522
	-0.017766	-0.001454	0.052293	0.006822	0.024898	0.006993
	0.003751					
x190	-0.017673	-0.027187	-0.071522	-0.004039	0.028146	-0.066403
	0.016670	-0.104564	-0.007418	-0.081939	0.080758	-0.033099
	0.039319	0.034049	-0.009869	0.010880	-0.013802	-0.007956
	-0.084140	-0.046120	-0.080498	0.076136	0.000039	0.037199
	-0.016622	-0.022973	-0.018732	-0.008015	-0.010246	-0.044229
	-0.028441					
y190	0.032504	0.032794	0.076902	0.003153	0.053961	-0.022017
	0.021591	0.002248	-0.020016	-0.026123	0.021615	0.025779
	-0.005649	-0.000286	-0.045385	0.052549	0.041523	0.027550
	0.067613	-0.039738	0.065452	-0.012188	-0.000461	-0.034820
	0.031246	0.028763	-0.071278	-0.014192	-0.028988	-0.034924
	-0.010232					
z190	-0.034889	-0.066322	-0.005215	0.029892	0.037778	-0.012257
	0.011589	-0.034203	0.014067	-0.073058	-0.048158	-0.006506
	0.002605	0.044355	-0.006124	0.030987	-0.000969	0.012091
	-0.021469	-0.003633	0.006873	-0.033149	0.023780	0.039918
	-0.019506	-0.001654	0.042118	0.010907	0.035548	0.006305
	0.005862					

x191	-0.019355	-0.020870	-0.074457	-0.009251	0.018442	-0.055433
	0.018615	-0.099296	0.001445	-0.062503	0.073900	-0.033256
	0.028925	0.033669	-0.020213	0.001464	-0.037375	-0.012846
	-0.089537	-0.059008	-0.061564	0.067615	0.002626	0.048768
	-0.001487	0.003531	-0.004392	-0.015635	-0.012174	-0.014468
	-0.021741					
y191	0.036779	0.030131	0.084600	-0.005596	0.049631	-0.011194
	0.016079	0.009295	-0.007131	-0.024830	0.016688	0.042314
	-0.010168	-0.003272	-0.034383	0.053215	0.050032	0.018400
	0.058468	-0.038052	0.082791	-0.008131	-0.005659	-0.042581
	0.031356	0.030072	-0.057892	-0.020907	-0.044569	-0.024577
	-0.003267					
z191	-0.037260	-0.075116	-0.010399	0.023938	0.038224	-0.014738
	0.014054	-0.032398	0.023109	-0.068225	-0.061888	-0.014753
	0.005017	0.042140	-0.014903	0.038003	-0.008535	0.013481
	-0.026210	0.001031	0.007611	-0.029671	0.030526	0.026193
	-0.008132	0.020895	0.032983	0.022678	0.027440	0.035637
	-0.000972					
x192	-0.024102	-0.009589	-0.078324	-0.010305	0.009405	-0.051332
	0.026937	-0.098327	-0.006642	-0.054295	0.078282	-0.042839
	0.017458	0.038183	-0.039884	-0.012505	-0.064559	-0.019869
	-0.089954	-0.066204	-0.062079	0.048267	0.009661	0.047886
	0.003426	0.020716	0.002883	-0.027042	0.006510	-0.006082
	0.000241					
y192	0.034797	0.034019	0.088075	-0.008726	0.049684	-0.011660
	0.016514	0.008105	-0.013694	-0.036631	0.026220	0.042754
	-0.013195	0.000805	-0.029416	0.048581	0.059965	0.010852
	0.060518	-0.020797	0.070508	-0.002518	-0.011813	-0.073485
	0.012661	0.014622	-0.045831	-0.029144	-0.034692	-0.047838
	0.005075					
z192	-0.042691	-0.080078	-0.017801	0.024231	0.037923	-0.025702
	0.020333	-0.033582	0.015974	-0.074011	-0.066470	-0.032754
	0.008656	0.044438	-0.029711	0.048560	-0.022183	0.013013
	-0.019668	0.007606	-0.015125	-0.040809	0.038105	-0.003545
	-0.006922	0.031649	0.010040	0.025084	0.035149	0.041610
	0.009332					
x193	-0.026857	-0.001635	-0.080411	-0.015284	-0.004162	-0.036385
	0.030387	-0.089102	-0.002871	-0.031535	0.071388	-0.044146
	0.001462	0.031964	-0.058356	-0.028035	-0.092172	-0.028677
	-0.091791	-0.074737	-0.043942	0.030616	0.018523	0.061349
	0.022783	0.063435	0.020190	-0.029644	0.015462	0.033387
	0.004309					

y193	0.033352	0.033171	0.091797	-0.014748	0.045448	-0.002760
	0.007664	0.009930	-0.012358	-0.040392	0.021854	0.051782
	-0.018009	-0.012955	-0.023426	0.044702	0.065597	0.002156
	0.057646	0.007999	0.072517	0.006809	-0.028369	-0.085652
	-0.007247	0.016531	-0.019027	-0.028731	-0.036301	-0.052041
	-0.010980					
z193	-0.047289	-0.086221	-0.024617	0.018909	0.034600	-0.032416
	0.027523	-0.030443	0.021561	-0.069307	-0.075417	-0.050067
	0.012228	0.045880	-0.044594	0.053932	-0.037852	0.011516
	-0.018406	0.018966	-0.034605	-0.050566	0.032343	-0.024467
	0.001768	0.060833	-0.011807	0.031256	0.037999	0.063505
	0.016188					
x194	-0.024345	0.021932	-0.073193	-0.005384	-0.008183	-0.020872
	0.027223	-0.070672	-0.017118	-0.025312	0.076788	-0.025614
	-0.005996	0.024758	-0.060384	-0.024529	-0.095762	-0.027354
	-0.060421	-0.040393	-0.024616	0.024773	-0.006745	0.047601
	0.015980	0.059160	0.007005	-0.045667	0.016148	-0.002403
	0.003071					
y194	0.030337	0.037269	0.092600	-0.014315	0.036386	-0.000940
	0.001683	0.003842	-0.019367	-0.050951	0.030173	0.051631
	-0.017873	-0.009704	-0.017072	0.043822	0.056672	0.005146
	0.028819	0.020928	0.042504	-0.015744	-0.048053	-0.083073
	-0.020415	0.014723	0.030518	-0.039975	0.006470	-0.037482
	0.012375					
z194	-0.043267	-0.086020	-0.027219	0.014669	0.037794	-0.045068
	0.032695	-0.037368	0.012701	-0.056128	-0.081156	-0.031215
	-0.009385	0.053568	-0.061380	0.055867	-0.047354	-0.006913
	-0.006302	0.013899	-0.028051	-0.036592	0.032865	-0.069416
	-0.011244	0.061724	-0.013515	0.014397	0.026578	0.022735
	0.031089					
x195	-0.020210	0.039136	-0.065473	-0.000994	-0.012059	-0.006558
	0.023772	-0.054453	-0.020440	-0.013866	0.073003	-0.011632
	-0.016382	0.016420	-0.059250	-0.020627	-0.099239	-0.020679
	-0.047255	-0.021813	-0.002962	0.022295	-0.028364	0.037857
	0.007517	0.051676	0.001168	-0.060857	0.003593	-0.006584
	0.005147					
y195	0.034621	0.034571	0.091441	-0.016893	0.027613	-0.001386
	-0.004978	-0.001942	-0.015527	-0.060333	0.030794	0.050876
	-0.021303	-0.003857	-0.006711	0.047799	0.050957	0.006240
	-0.005226	0.018584	0.019557	-0.035440	-0.070943	-0.062039
	-0.021448	0.014616	0.060004	-0.053096	0.026739	-0.009706
	0.044386					

z195	-0.039812	-0.086250	-0.028012	0.010012	0.039507	-0.053130
	0.037950	-0.040486	0.006939	-0.043395	-0.085901	-0.013246
	-0.026125	0.055165	-0.071781	0.055713	-0.057553	-0.019493
	-0.000669	0.003564	-0.016604	-0.028135	0.029381	-0.099286
	-0.014769	0.063106	-0.020028	0.004440	0.011039	0.000878
	0.039392					
x196	-0.018899	0.051913	-0.058106	0.000169	-0.013917	0.004156
	0.021571	-0.035511	-0.024969	-0.008087	0.071639	-0.002506
	-0.024566	0.007071	-0.052290	-0.007051	-0.089055	-0.011623
	-0.026171	-0.013044	0.015946	0.022613	-0.040300	0.033611
	0.010688	0.060492	-0.015134	-0.055325	-0.007315	-0.016865
	-0.007652					
y196	0.035118	0.031139	0.088496	-0.022831	0.022412	0.001890
	-0.014680	-0.000056	-0.015627	-0.065883	0.030431	0.047566
	-0.019249	0.004501	0.004095	0.051339	0.064195	0.000711
	-0.017352	0.016091	0.009831	-0.042025	-0.077523	-0.030709
	-0.018374	0.029183	0.059538	-0.039786	0.038921	0.001257
	0.048231					
z196	-0.036775	-0.084601	-0.029208	0.005879	0.038308	-0.060479
	0.044239	-0.042115	0.000065	-0.030370	-0.088281	0.003034
	-0.037187	0.053744	-0.080790	0.049632	-0.065432	-0.027185
	-0.003288	-0.007209	-0.006841	-0.015898	0.017564	-0.115747
	-0.010831	0.064095	-0.028074	-0.001480	-0.005630	-0.022134
	0.036763					
x197	-0.017283	0.060525	-0.050665	-0.004059	-0.020347	0.006277
	0.022157	-0.018735	-0.027719	-0.007167	0.072057	0.009217
	-0.027539	-0.000235	-0.045240	0.006502	-0.061400	-0.000404
	-0.002022	0.011123	0.037254	0.030914	-0.036409	0.025573
	0.007506	0.073188	-0.029009	-0.044412	-0.004556	-0.019012
	-0.003534					
y197	0.035335	0.026624	0.085186	-0.029777	0.012920	0.001365
	-0.025064	0.005204	-0.010311	-0.070148	0.029205	0.047752
	-0.010764	0.007298	0.013865	0.042742	0.088615	-0.004567
	-0.023776	0.036365	0.008957	-0.027422	-0.059740	-0.003241
	-0.013852	0.041395	0.065549	-0.029716	0.051384	0.007127
	0.057144					
z197	-0.035085	-0.081193	-0.030940	0.000640	0.033237	-0.065409
	0.048105	-0.041871	-0.006762	-0.019612	-0.087425	0.020552
	-0.040637	0.047144	-0.086172	0.036154	-0.065462	-0.029914
	-0.007405	-0.004195	0.007210	-0.006283	0.007980	-0.117370
	-0.005177	0.066678	-0.038430	-0.000572	-0.018307	-0.043951
	0.030064					

x198	-0.018204	0.065298	-0.043274	-0.002886	-0.032910	0.011353
	0.025366	-0.001020	-0.036766	-0.008606	0.067657	0.011952
	-0.037659	-0.008593	-0.038272	0.016937	-0.038923	-0.002844
	0.021777	0.029813	0.038765	0.028238	-0.038401	0.014250
	0.006727	0.051776	-0.048618	-0.040683	0.009175	-0.008454
	0.009471					
y198	0.034438	0.022132	0.083488	-0.028756	0.002380	0.003159
	-0.036896	0.013494	-0.008819	-0.075069	0.021571	0.036933
	-0.014842	0.015919	0.022474	0.034093	0.099101	-0.018753
	-0.029263	0.039558	-0.009615	-0.021548	-0.058308	0.005703
	-0.005278	0.032543	0.054043	-0.027623	0.062170	0.022657
	0.050677					
z198	-0.034607	-0.074228	-0.032967	-0.001667	0.025840	-0.065532
	0.050790	-0.040124	-0.017274	-0.010560	-0.083932	0.034085
	-0.041500	0.035352	-0.088495	0.024787	-0.069809	-0.028299
	-0.012755	-0.005925	0.008692	-0.005475	-0.004955	-0.115739
	0.000733	0.060313	-0.054424	-0.002243	-0.028075	-0.035421
	0.030349					
x199	-0.023161	0.066352	-0.038820	-0.008460	-0.046108	0.008801
	0.032900	0.022265	-0.045813	-0.009969	0.062398	0.004312
	-0.053015	-0.024816	-0.028173	0.025598	-0.031648	-0.007667
	0.048067	0.035822	0.032091	0.015861	-0.048868	0.000084
	0.005898	0.033551	-0.056923	-0.043732	0.035120	-0.001237
	0.037805					
y199	0.032200	0.018000	0.079415	-0.029730	-0.002660	0.000338
	-0.044332	0.026941	-0.003384	-0.080925	0.008565	0.019335
	-0.026656	0.022935	0.030240	0.021678	0.092749	-0.028791
	-0.029764	0.030568	-0.034927	-0.024262	-0.066590	0.013139
	0.000562	0.029120	0.041203	-0.029370	0.055431	0.034657
	0.051515					
z199	-0.036007	-0.066073	-0.034574	-0.004299	0.016449	-0.063404
	0.053935	-0.033552	-0.029437	-0.002391	-0.079264	0.045878
	-0.042556	0.016484	-0.085305	0.011604	-0.087475	-0.018065
	-0.016023	-0.011936	0.002559	-0.016714	-0.028488	-0.105402
	0.008527	0.040614	-0.065744	-0.006289	-0.033578	-0.005409
	0.036109					
x200	-0.030770	0.065035	-0.031114	-0.008332	-0.055725	0.000131
	0.045073	0.037564	-0.042120	-0.018032	0.066261	-0.007240
	-0.068140	-0.025369	-0.027535	0.037728	-0.011709	-0.000190
	0.059989	0.030181	0.033725	0.024003	-0.064713	-0.020584
	0.010601	0.023723	-0.073525	-0.036817	0.047212	0.011035
	0.011675					

y200	0.026896	0.015771	0.076715	-0.025705	-0.000726	-0.001861
	-0.048781	0.035707	0.011446	-0.091260	0.001836	0.000073
	-0.041615	0.037006	0.025759	0.002393	0.087731	-0.038337
	-0.025423	0.026617	-0.049317	-0.009437	-0.074978	0.020974
	0.006238	0.023457	0.016849	-0.029171	0.032594	0.043032
	0.014767					
z200	-0.042007	-0.056131	-0.033475	-0.006833	0.006765	-0.056446
	0.059307	-0.028920	-0.040730	0.001102	-0.066243	0.058278
	-0.043357	-0.003864	-0.088894	-0.012537	-0.112125	0.000431
	-0.019844	-0.014594	-0.001036	-0.014910	-0.065873	-0.080190
	0.030095	0.008095	-0.072693	-0.009951	-0.032164	0.044737
	0.010351					
x201	-0.033866	0.068976	-0.026392	-0.004197	-0.057317	-0.022545
	0.064690	0.057963	-0.036313	-0.030672	0.068433	-0.024615
	-0.064492	-0.021356	-0.006412	0.064676	0.020922	0.028616
	0.056346	-0.002063	0.014643	0.027280	-0.050459	-0.022905
	-0.005806	0.043383	-0.076331	0.024709	0.025231	0.020251
	-0.018488					
y201	0.024712	0.015107	0.072686	-0.019666	0.009405	-0.011563
	-0.051335	0.050069	0.028857	-0.107660	-0.009346	-0.021925
	-0.046024	0.051217	0.037344	-0.004776	0.091355	-0.039689
	-0.012560	0.011456	-0.073787	-0.003822	-0.057665	0.033459
	0.005756	0.021275	-0.024578	-0.003901	-0.008954	0.024245
	0.001774					
z201	-0.044440	-0.041936	-0.032818	-0.004711	0.002322	-0.058795
	0.073261	-0.015235	-0.046580	-0.007918	-0.047740	0.074125
	-0.019848	-0.018482	-0.063276	-0.012329	-0.123130	0.049510
	-0.029863	-0.035950	-0.021110	-0.023062	-0.083208	-0.027397
	0.056200	-0.021493	-0.098666	0.033430	-0.046930	0.094552
	-0.028192					
x202	-0.037363	0.070920	-0.018526	-0.001040	-0.055646	-0.043323
	0.066542	0.066376	-0.033385	-0.043614	0.068351	-0.043061
	-0.057527	-0.035785	0.010520	0.088750	0.051997	0.038955
	0.055650	-0.008124	0.000904	0.021184	-0.026854	-0.036567
	-0.029989	0.074915	-0.044738	0.062503	0.023890	-0.000487
	-0.021202					
y202	0.020371	0.013324	0.068663	-0.013370	0.020992	-0.018437
	-0.061292	0.062078	0.047812	-0.119281	-0.021792	-0.046600
	-0.056148	0.062186	0.037410	-0.024754	0.081144	-0.053988
	0.001891	0.005625	-0.089042	0.007113	-0.053375	0.054603
	0.005652	0.002753	-0.062598	0.004949	-0.058333	-0.001415
	-0.007649					

z202	-0.047989	-0.021452	-0.032128	-0.004426	0.002629	-0.054263
	0.069249	-0.014522	-0.059757	-0.012650	-0.036726	0.093526
	0.010856	-0.054904	-0.042114	-0.037963	-0.154205	0.075594
	-0.047210	-0.033210	-0.021751	-0.036192	-0.111376	0.042516
	0.073848	-0.064464	-0.080609	0.041872	-0.070319	0.123592
	-0.051827					
x203	-0.028956	0.077142	0.006299	-0.000082	-0.052203	-0.064627
	0.052864	0.072332	-0.030718	-0.034401	0.080018	-0.047045
	-0.039052	-0.054246	0.002983	0.110818	0.063628	0.045062
	0.040218	0.011887	-0.011168	-0.048332	0.005445	-0.003878
	-0.056336	0.050767	-0.020109	0.020200	-0.025064	-0.013399
	0.012470					
y203	0.030556	0.004572	0.051918	-0.013389	0.025403	-0.004973
	-0.090104	0.041683	0.042273	-0.100275	-0.040620	-0.041749
	-0.043811	0.084745	0.018592	-0.031744	0.063397	-0.032532
	0.019171	0.007969	-0.081556	-0.006571	-0.048836	-0.006151
	-0.007132	-0.046090	-0.061875	-0.030332	-0.028592	-0.025436
	-0.003293					
z203	-0.048574	-0.011365	-0.032718	-0.012984	-0.000410	-0.064884
	0.063961	-0.002821	-0.046598	-0.012531	-0.027050	0.072481
	0.036099	-0.095692	-0.007838	-0.030433	-0.093439	0.084802
	0.002444	-0.014582	0.006144	-0.023698	-0.081616	0.042782
	0.071724	-0.051314	-0.013549	-0.016886	-0.050589	0.071028
	0.005063					
x204	-0.016969	0.078624	0.019646	0.008099	-0.046828	-0.077314
	0.038574	0.065759	-0.033016	-0.021016	0.089598	-0.046321
	-0.041401	-0.041458	-0.018728	0.084233	0.056415	0.027452
	0.034564	0.022903	-0.045755	-0.075418	0.031869	0.002682
	-0.081384	0.033136	-0.004329	-0.001290	-0.045056	0.017294
	0.030144					
y204	0.038543	-0.005344	0.031383	-0.011274	0.025452	0.008317
	-0.114703	0.021794	0.033682	-0.081876	-0.050969	-0.034972
	-0.038763	0.110953	-0.005262	-0.036809	0.045279	-0.018374
	0.033973	0.003935	-0.077326	-0.003244	-0.030487	-0.050472
	-0.009312	-0.063667	-0.081187	-0.065763	-0.011233	-0.029649
	-0.004904					
z204	-0.042529	-0.003974	-0.037340	-0.010834	-0.010052	-0.080148
	0.058718	0.002834	-0.028590	-0.004399	-0.011058	0.051222
	0.053533	-0.111889	0.019639	-0.013617	-0.020738	0.103343
	0.039971	-0.011719	-0.002279	-0.017604	-0.032021	0.015261
	0.064600	-0.015656	0.037231	-0.025501	-0.029551	0.032439
	0.025864					

x205	-0.005087	0.075558	0.031170	0.015714	-0.039905	-0.087504
	0.027276	0.071256	-0.031503	-0.014270	0.095318	-0.044627
	-0.041095	-0.020547	-0.037016	0.064578	0.048359	0.004836
	0.025428	0.033941	-0.077141	-0.087586	0.056192	0.009083
	-0.105034	0.026863	-0.017813	-0.015415	-0.046234	0.056342
	0.038176					
y205	0.043724	-0.013576	0.016052	-0.011534	0.022532	0.019083
	-0.132654	0.001580	0.023661	-0.070807	-0.064350	-0.028657
	-0.032089	0.116234	-0.021869	-0.031830	0.024141	-0.000379
	0.044468	0.010859	-0.062835	-0.011087	-0.026482	-0.080697
	-0.012684	-0.081646	-0.077945	-0.091539	-0.005820	-0.034536
	-0.000864					
z205	-0.035218	-0.001431	-0.040658	-0.005654	-0.018822	-0.099644
	0.060562	0.016269	-0.016743	-0.012130	0.006731	0.038918
	0.061054	-0.113136	0.024196	-0.025998	0.013490	0.098615
	0.078462	-0.004377	-0.018029	0.010984	-0.008912	0.014646
	0.051849	-0.003780	0.024977	-0.041150	0.000139	0.036677
	0.041781					
x206	0.007538	0.069920	0.039586	0.022073	-0.034474	-0.094366
	0.014923	0.076540	-0.026731	-0.006311	0.091976	-0.041074
	-0.030129	-0.006195	-0.043790	0.068142	0.047268	-0.005037
	0.009898	0.038398	-0.089273	-0.108927	0.076598	0.011517
	-0.111838	0.015977	-0.029084	-0.020182	-0.047265	0.072309
	0.036072					
y206	0.046234	-0.020185	0.005019	-0.013760	0.016251	0.027761
	-0.144875	-0.013963	0.016596	-0.064011	-0.071862	-0.023404
	-0.025858	0.108977	-0.028678	-0.018959	0.008845	0.015946
	0.044403	0.015906	-0.045390	-0.026847	-0.031269	-0.097993
	-0.017993	-0.088844	-0.062645	-0.092075	-0.006268	-0.043832
	-0.000223					
z206	-0.032705	0.001474	-0.045339	-0.010321	-0.024834	-0.094647
	0.054999	0.027299	-0.012154	-0.018187	0.009952	0.035506
	0.057583	-0.098970	0.017347	-0.054413	0.013433	0.074417
	0.105518	0.028675	-0.023293	0.026893	0.000090	0.013365
	0.037178	0.000375	0.037157	-0.059572	0.051046	0.065818
	0.062384					
x207	0.020364	0.061814	0.042705	0.026827	-0.032832	-0.098870
	0.000699	0.075033	-0.022284	0.005038	0.081803	-0.037730
	-0.018404	-0.008127	-0.047155	0.076233	0.041415	-0.007745
	-0.007253	0.037770	-0.089815	-0.118392	0.085770	0.013634
	-0.108253	0.004594	-0.022346	-0.024019	-0.049065	0.079925
	0.029253					

y207	0.046685	-0.026279	-0.004265	-0.015437	0.004273	0.036902
	-0.151361	-0.027704	0.009444	-0.061049	-0.071658	-0.016844
	-0.022328	0.099989	-0.028107	-0.009371	-0.003338	0.024720
	0.042142	0.015430	-0.029879	-0.039670	-0.031100	-0.099567
	-0.016940	-0.086266	-0.056274	-0.079522	-0.009686	-0.038782
	0.001741					
z207	-0.027873	0.008369	-0.046987	-0.016932	-0.025005	-0.092518
	0.042895	0.040175	-0.009570	-0.031405	0.017542	0.025204
	0.057968	-0.078952	0.007427	-0.056393	0.023948	0.037457
	0.117293	0.053168	-0.020395	0.017265	0.006924	0.018261
	0.017996	0.008295	0.063686	-0.072785	0.058862	0.051822
	0.069340					
x208	0.033328	0.049376	0.040530	0.030896	-0.034768	-0.101164
	-0.015820	0.067522	-0.019286	0.020230	0.063048	-0.029707
	-0.006113	-0.017766	-0.047030	0.084921	0.025865	-0.001966
	-0.027912	0.038541	-0.084217	-0.111620	0.085892	0.007460
	-0.091384	-0.008856	-0.016676	-0.018272	-0.043913	0.076908
	0.018978					
y208	0.045830	-0.032776	-0.011975	-0.016908	-0.012473	0.044427
	-0.155061	-0.042692	-0.000298	-0.059944	-0.063654	-0.006455
	-0.022386	0.086126	-0.022219	-0.000716	-0.016836	0.030614
	0.040609	0.012778	-0.011600	-0.036957	-0.026862	-0.082681
	-0.012622	-0.068282	-0.050444	-0.055227	-0.021336	-0.034977
	0.010065					
z208	-0.022291	0.014358	-0.050786	-0.022718	-0.024544	-0.085668
	0.029558	0.052431	-0.000757	-0.038963	0.027109	0.013167
	0.058715	-0.061734	-0.004311	-0.039106	0.036660	0.007263
	0.108104	0.066455	-0.014673	-0.005201	0.009616	0.023397
	0.005397	0.012954	0.090880	-0.090780	0.056311	0.039931
	0.052818					
x209	0.046591	0.033985	0.031506	0.031357	-0.034877	-0.098878
	-0.035675	0.060131	-0.015751	0.028834	0.042766	-0.019414
	0.007951	-0.026704	-0.049998	0.087274	0.000107	0.000525
	-0.054320	0.036499	-0.072886	-0.111554	0.064696	0.011817
	-0.070977	-0.021976	-0.012970	-0.000470	-0.030818	0.086218
	0.009761					
y209	0.043450	-0.038649	-0.020046	-0.018751	-0.034472	0.048432
	-0.154754	-0.059143	-0.014544	-0.062275	-0.049471	0.004580
	-0.027838	0.057542	-0.014990	0.012040	-0.035724	0.033428
	0.033792	0.003966	0.003166	-0.018377	-0.017557	-0.040237
	-0.001615	-0.029590	-0.042757	-0.028725	-0.045166	-0.003630
	0.016929					

z209	-0.016217	0.012396	-0.053483	-0.020499	-0.032892	-0.082423
	0.014572	0.055229	0.005718	-0.030489	0.024873	0.017509
	0.062413	-0.047697	-0.006350	-0.005051	0.034167	0.011624
	0.077824	0.090560	-0.007694	-0.000319	0.020374	-0.008003
	0.016087	-0.006866	0.101338	-0.098572	0.044071	-0.024615
	0.008219					
x210	0.059774	0.017185	0.017275	0.030444	-0.030549	-0.080519
	-0.054622	0.055412	-0.004475	0.040916	0.011787	-0.012403
	0.020939	-0.031210	-0.048655	0.095580	-0.025565	0.000980
	-0.078782	0.029373	-0.040054	-0.102092	0.035282	0.015946
	-0.046288	-0.027150	0.000208	0.009784	-0.003260	0.092354
	-0.008060					
y210	0.038650	-0.042652	-0.025943	-0.020369	-0.055621	0.057142
	-0.150250	-0.072694	-0.027406	-0.062105	-0.032016	0.012991
	-0.036727	0.021058	-0.002908	0.034402	-0.051659	0.033411
	0.021806	-0.003952	0.015396	0.004372	-0.006292	0.006682
	0.012624	0.023128	-0.018951	0.001056	-0.070669	0.041221
	0.023151					
z210	-0.006704	0.004585	-0.054464	-0.021352	-0.049112	-0.097117
	-0.005456	0.048481	0.002369	-0.030005	0.027486	0.034212
	0.067730	-0.041672	-0.018102	0.029044	0.005400	0.011603
	0.026615	0.119467	-0.007986	-0.003434	0.020370	-0.013336
	0.039406	-0.036474	0.091528	-0.080556	0.009027	-0.075351
	-0.023384					
x211	0.069104	0.006395	0.003255	0.040749	-0.021972	-0.067187
	-0.063304	0.051214	-0.007667	0.044569	-0.024328	-0.009884
	0.036076	-0.027832	-0.037221	0.118492	-0.038473	-0.006131
	-0.098638	0.019756	-0.006591	-0.092818	0.010243	-0.021424
	-0.025051	-0.057507	0.025849	-0.003203	0.017281	0.032715
	-0.061044					
y211	0.029208	-0.042806	-0.026572	-0.018071	-0.074905	0.061777
	-0.137525	-0.082979	-0.044090	-0.067341	-0.003096	0.019851
	-0.045486	-0.018736	0.019404	0.065958	-0.061340	0.027980
	0.011505	-0.013889	0.022914	0.016754	0.006025	0.050751
	0.019500	0.070786	0.027013	0.030227	-0.103255	0.065213
	0.025496					
z211	0.004938	-0.009850	-0.061124	-0.031271	-0.066702	-0.099316
	-0.034129	0.036187	0.007604	-0.024919	0.022323	0.053159
	0.068267	-0.033804	-0.039728	0.062204	-0.043741	0.010877
	-0.036470	0.147391	-0.004388	-0.008252	0.007951	0.012866
	0.064588	-0.046424	0.072676	-0.033264	-0.006490	-0.081855
	-0.036974					

x212	0.069706	0.012011	0.006848	0.054007	-0.016690	-0.068787
	-0.062695	0.039902	-0.005003	0.036260	-0.053865	-0.018091
	0.040925	-0.027733	-0.034929	0.099175	-0.018447	-0.007801
	-0.086240	0.011773	0.006082	-0.078116	0.002542	-0.010849
	-0.014893	-0.030382	0.017092	0.011125	-0.012943	0.034872
	-0.046330					
y212	0.021834	-0.043594	-0.023328	-0.006547	-0.078368	0.069945
	-0.129715	-0.078075	-0.063886	-0.075053	-0.003965	0.021419
	-0.036741	-0.033957	0.042082	0.072346	-0.073417	0.017640
	0.017193	-0.038904	0.023513	0.003896	0.022574	0.053297
	0.018574	0.041622	0.033717	0.033902	-0.082133	0.042998
	0.013776					
z212	0.008806	-0.008320	-0.050038	-0.022586	-0.061404	-0.087531
	-0.042227	0.017011	0.022178	-0.030269	0.024257	0.058065
	0.068358	-0.024854	-0.031106	0.071877	-0.035501	0.011155
	-0.039312	0.132598	0.001295	-0.002685	0.025796	0.013473
	0.066578	-0.054630	0.050306	-0.022724	-0.016720	-0.085287
	-0.014159					
x213	0.068618	0.016934	0.008249	0.063306	-0.009031	-0.073767
	-0.060040	0.034761	-0.006453	0.028575	-0.074323	-0.026737
	0.046747	-0.028168	-0.034112	0.075342	-0.002149	-0.013385
	-0.079535	0.000124	0.015518	-0.064136	-0.016438	0.005945
	-0.007037	-0.012601	0.018230	0.018775	-0.039690	0.031117
	-0.028728					
y213	0.014327	-0.044073	-0.020827	0.003391	-0.078264	0.072120
	-0.119827	-0.068710	-0.080033	-0.081823	-0.002584	0.021414
	-0.027637	-0.041782	0.057190	0.077303	-0.083895	0.010430
	0.019807	-0.061904	0.021159	-0.012521	0.026984	0.056815
	0.015801	0.016258	0.042362	0.037006	-0.063747	0.013840
	0.013134					
z213	0.012948	-0.008263	-0.038226	-0.013405	-0.059317	-0.071755
	-0.050714	-0.001832	0.033668	-0.032625	0.023736	0.061900
	0.065908	-0.018625	-0.021363	0.082579	-0.027568	0.015898
	-0.033877	0.118682	0.008165	-0.002100	0.050030	0.006073
	0.067967	-0.053595	0.027585	-0.011460	-0.020089	-0.075770
	-0.006802					
x214	0.066877	0.020552	0.009051	0.068840	-0.003131	-0.079067
	-0.057490	0.033471	-0.008370	0.026805	-0.087454	-0.033486
	0.051772	-0.027751	-0.032337	0.056035	0.011976	-0.021397
	-0.072496	-0.014686	0.020607	-0.050531	-0.028197	0.020897
	0.001990	0.004403	0.025450	0.025715	-0.061001	0.029069
	-0.014028					

y214	0.006956	-0.043335	-0.019008	0.012174	-0.075980	0.068019
	-0.107556	-0.057358	-0.094595	-0.087754	0.002136	0.018872
	-0.018157	-0.042622	0.064890	0.080464	-0.088966	0.005556
	0.023616	-0.077615	0.011469	-0.028542	0.025475	0.054037
	0.012648	-0.007872	0.052002	0.034975	-0.045618	-0.011454
	0.016529					
z214	0.017226	-0.009408	-0.026174	-0.005286	-0.057907	-0.052400
	-0.057005	-0.019042	0.043980	-0.031982	0.018810	0.064213
	0.059985	-0.016265	-0.010283	0.086076	-0.023205	0.021744
	-0.029140	0.105417	0.017252	-0.001719	0.065855	-0.001916
	0.066157	-0.045171	0.006174	-0.005303	-0.019583	-0.062603
	-0.001744					
x215	0.065736	0.022149	0.012291	0.070265	-0.000970	-0.079812
	-0.054466	0.031428	-0.007921	0.028184	-0.090736	-0.036170
	0.052131	-0.026369	-0.030878	0.041853	0.021087	-0.029519
	-0.054555	-0.019568	0.024739	-0.042404	-0.027614	0.017749
	0.009065	0.024571	0.029307	0.027928	-0.067564	0.033125
	0.008004					
y215	0.001330	-0.041842	-0.015256	0.018469	-0.073213	0.064638
	-0.095336	-0.044959	-0.100981	-0.090057	0.008028	0.016097
	-0.010257	-0.040359	0.065508	0.078408	-0.089607	0.003463
	0.028760	-0.078711	0.007398	-0.043206	0.022981	0.042382
	0.014173	-0.023934	0.057894	0.029655	-0.026800	-0.017961
	0.020311					
z215	0.019783	-0.008861	-0.017404	0.000853	-0.055490	-0.035956
	-0.061211	-0.032170	0.048905	-0.029955	0.008222	0.063075
	0.055039	-0.015450	0.000985	0.084376	-0.017386	0.025170
	-0.030653	0.085531	0.022114	0.004005	0.069051	-0.000966
	0.058810	-0.043044	-0.013146	-0.005676	-0.021590	-0.056646
	-0.003013					
x216	0.064512	0.022019	0.016856	0.071152	0.001247	-0.072895
	-0.050486	0.028865	-0.006765	0.029749	-0.085931	-0.038903
	0.051317	-0.027762	-0.024531	0.032265	0.025719	-0.031849
	-0.039372	-0.033084	0.020695	-0.033039	-0.024301	0.017712
	0.021299	0.044903	0.026380	0.034488	-0.063892	0.032095
	0.004299					
y216	-0.001557	-0.041633	-0.008862	0.018353	-0.069561	0.071548
	-0.085855	-0.027219	-0.088792	-0.080636	0.006905	0.015575
	-0.002666	-0.041829	0.064052	0.066590	-0.086423	0.008107
	0.025628	-0.077044	0.020147	-0.046036	0.011597	0.040372
	0.033466	-0.024637	0.067182	0.034462	-0.019442	0.002024
	-0.003406					

z216	0.020832	-0.006352	-0.011343	0.007789	-0.055137	-0.029328
	-0.062269	-0.043608	0.041352	-0.028627	-0.001501	0.057888
	0.047471	-0.007837	0.005608	0.080820	-0.016369	0.023411
	-0.028821	0.072813	0.020297	0.000318	0.066781	-0.010035
	0.031137	-0.046365	-0.031166	-0.022334	-0.016271	-0.051283
	0.026068					
x217	0.062147	0.020049	0.021543	0.069676	0.002650	-0.062357
	-0.048054	0.024182	-0.012366	0.034566	-0.078295	-0.043128
	0.047140	-0.028723	-0.025999	0.015512	0.018692	-0.045246
	-0.017923	-0.048204	0.003049	-0.017980	-0.010936	0.017083
	0.032042	0.060740	0.021995	0.018798	-0.033109	0.026114
	0.001515					
y217	-0.004903	-0.038525	-0.003465	0.023269	-0.061707	0.068134
	-0.071820	-0.012661	-0.086687	-0.082750	0.014026	0.005372
	0.005531	-0.030301	0.051069	0.054658	-0.080009	0.013014
	0.027951	-0.067885	0.008826	-0.052042	0.005392	0.023303
	0.044594	-0.033400	0.051768	0.022750	0.010681	0.004660
	-0.008023					
z217	0.021517	-0.003498	-0.006039	0.006906	-0.055434	-0.018932
	-0.060927	-0.047066	0.044134	-0.019099	-0.013182	0.058097
	0.042097	-0.004058	0.016726	0.078554	-0.002795	0.028480
	-0.029519	0.064655	0.039640	0.003118	0.052434	-0.011958
	0.015745	-0.041861	-0.041349	-0.019819	-0.025010	-0.023857
	0.037267					
x218	0.064453	0.012792	0.029693	0.064099	-0.001046	-0.053994
	-0.038689	0.027767	-0.004952	0.042303	-0.062528	-0.040658
	0.047228	-0.022601	-0.006539	0.032720	0.031354	-0.044967
	0.002457	-0.073928	-0.014789	-0.010305	0.019905	0.003799
	0.060924	0.097070	-0.001052	0.042986	-0.004275	0.027609
	-0.026019					
y218	-0.005941	-0.036385	0.003128	0.020047	-0.055103	0.070238
	-0.058518	0.002784	-0.070247	-0.069353	0.008538	0.000248
	0.007103	-0.020913	0.032947	0.026721	-0.073705	0.018888
	0.023944	-0.049702	0.019518	-0.050876	-0.014959	0.011275
	0.062086	-0.033887	0.056863	0.016019	0.021520	0.037497
	-0.016617					
z218	0.016684	0.003525	-0.004437	0.005438	-0.052078	-0.006698
	-0.061137	-0.053826	0.030393	-0.009705	-0.023591	0.051403
	0.033205	-0.005592	0.009702	0.048827	-0.004534	0.019919
	-0.021844	0.062137	0.050689	0.009759	0.023363	-0.009167
	-0.011675	-0.053365	-0.037649	-0.048474	-0.018996	-0.009764
	0.059451					

x219	0.062325	0.010061	0.033624	0.053047	-0.005199	-0.043712
	-0.030692	0.017222	-0.016385	0.047836	-0.052921	-0.037552
	0.032025	-0.028292	0.006601	0.013048	0.016815	-0.064193
	0.026530	-0.080238	-0.025453	0.011426	0.032524	-0.012215
	0.060453	0.091384	0.004921	0.013367	0.030081	0.008289
	-0.023635					
y219	-0.006059	-0.031992	0.010858	0.020758	-0.045409	0.057318
	-0.036782	0.015316	-0.055469	-0.069928	0.008178	-0.008257
	0.011562	0.001922	0.011716	0.013979	-0.049967	0.033408
	0.023353	-0.024700	0.006435	-0.059759	-0.033096	-0.019128
	0.071179	-0.037716	0.041758	0.003153	0.043464	0.044457
	-0.012470					
z219	0.013030	0.006142	0.000658	0.001769	-0.049774	0.005658
	-0.056303	-0.043842	0.029395	0.008993	-0.026844	0.044382
	0.032401	-0.002231	0.005356	0.038396	0.010800	0.025682
	-0.012524	0.044627	0.052547	0.002717	0.004796	-0.002326
	-0.013015	-0.026338	-0.042288	-0.042305	-0.010762	0.022805
	0.045522					
x220	0.062955	0.022383	0.049808	0.074273	-0.012337	-0.076707
	0.011420	-0.045837	-0.029721	0.028574	-0.045638	-0.011384
	0.012432	0.014018	0.032798	-0.039518	0.034711	0.000219
	0.022963	-0.040384	-0.019968	0.063742	0.020726	-0.013953
	0.001257	0.021788	-0.005654	-0.070939	0.027825	0.030943
	-0.076407					
y220	-0.009110	-0.029521	-0.005681	0.028121	-0.011837	0.096336
	0.021628	0.107556	0.042845	0.022812	0.052260	-0.013987
	-0.006613	-0.004913	-0.097141	0.013317	-0.033159	0.046623
	-0.065132	0.054755	-0.111774	0.115485	0.005754	-0.097597
	0.067527	-0.022926	-0.038807	-0.037209	0.020991	0.056335
	0.010918					
z220	0.020490	0.038043	0.028320	-0.048940	-0.038317	-0.003731
	-0.061216	-0.090109	-0.007700	0.090236	-0.000225	0.030475
	0.012682	-0.021691	-0.024629	-0.010963	-0.042430	0.063924
	0.001323	0.073088	0.017014	0.031534	-0.087300	-0.035253
	0.028243	0.045626	-0.040251	0.036389	-0.055919	-0.074500
	-0.039962					
x221	0.063068	0.015708	0.045756	0.082665	-0.015475	-0.063118
	0.012310	-0.039487	-0.017535	0.009556	-0.041382	-0.004602
	0.012430	0.005453	0.020817	-0.029553	0.021832	0.013246
	0.018375	-0.028296	0.000209	0.072148	0.016270	-0.015596
	-0.002869	0.021101	-0.007495	-0.066139	0.038638	0.013746
	-0.054378					

y221	-0.013929	-0.037477	-0.008451	0.019644	-0.010010	0.094874
	0.015139	0.109792	0.051900	0.022214	0.044311	-0.012999
	-0.001336	-0.010676	-0.068789	0.040497	-0.035875	0.050439
	-0.058640	0.052694	-0.093392	0.107609	0.004152	-0.082669
	0.043118	0.000650	-0.036897	-0.016631	0.046008	0.038699
	0.014126					
z221	0.019177	0.041963	0.033198	-0.038881	-0.034477	0.007120
	-0.057310	-0.095148	-0.012710	0.085861	0.012219	0.012057
	0.009272	-0.017971	-0.022520	-0.044910	-0.026595	0.046161
	-0.001811	0.070537	-0.000566	0.037014	-0.083664	-0.039551
	0.018440	0.030394	-0.047017	0.044006	-0.031777	-0.040454
	-0.021623					
x222	0.062718	0.007704	0.040446	0.084188	-0.018703	-0.051720
	0.012697	-0.025248	-0.012035	-0.007816	-0.038093	0.003422
	0.012214	-0.011479	0.011641	-0.010097	0.003573	0.031323
	0.007303	-0.017628	0.017321	0.070831	0.003863	-0.017804
	-0.019188	0.010937	-0.001866	-0.054407	0.039980	-0.003630
	-0.024250					
y222	-0.018133	-0.044930	-0.010807	0.010816	-0.008849	0.091712
	0.007312	0.112767	0.058110	0.023881	0.035673	-0.013325
	0.002797	-0.015185	-0.046124	0.064364	-0.039503	0.052611
	-0.051879	0.048005	-0.077805	0.097706	0.004807	-0.068638
	0.020328	0.019840	-0.034613	-0.003980	0.059112	0.026373
	0.011708					
z222	0.017865	0.042659	0.035842	-0.031192	-0.031718	0.017135
	-0.056556	-0.092978	-0.021325	0.078041	0.019786	-0.002439
	0.004842	-0.017861	-0.020506	-0.065126	-0.020545	0.033180
	-0.003750	0.063169	-0.015733	0.033210	-0.075579	-0.042772
	0.000057	0.015383	-0.049469	0.047544	-0.012467	-0.009739
	0.003963					
x223	0.061683	-0.001807	0.036905	0.084522	-0.020173	-0.043383
	0.008512	-0.009962	-0.004981	-0.015137	-0.034996	0.010572
	0.011846	-0.023473	0.005935	0.005837	-0.011280	0.039252
	0.006362	-0.008563	0.026587	0.088480	-0.008346	-0.018852
	-0.016073	0.007633	0.002756	-0.029662	0.020807	-0.010767
	-0.041712					
y223	-0.021351	-0.051008	-0.011667	0.001324	-0.007463	0.087978
	0.001048	0.114518	0.062716	0.028054	0.026193	-0.013531
	0.007085	-0.018731	-0.026020	0.079818	-0.039491	0.053448
	-0.044110	0.043526	-0.062655	0.089867	0.005793	-0.055614
	0.002358	0.035367	-0.027079	0.004904	0.061432	0.014801
	0.006180					

z223	0.015453	0.041906	0.037486	-0.024625	-0.027944	0.024893
	-0.056294	-0.086317	-0.025128	0.071385	0.026137	-0.013228
	0.000268	-0.016330	-0.020301	-0.076657	-0.017747	0.017414
	-0.004576	0.054369	-0.021083	0.039362	-0.069945	-0.043197
	-0.007630	0.003882	-0.037938	0.055425	-0.002639	0.015856
	-0.005139					
x224	0.059361	-0.010348	0.032388	0.081446	-0.020423	-0.035791
	0.005279	0.005754	0.002069	-0.020733	-0.029592	0.017427
	0.012485	-0.030687	0.001711	0.012692	-0.021262	0.041551
	0.006447	-0.000164	0.038844	0.107403	-0.016475	-0.021758
	-0.014990	0.007608	0.006059	-0.018360	0.019610	-0.002657
	-0.052340					
y224	-0.023923	-0.055122	-0.011014	-0.008790	-0.006011	0.083063
	-0.003480	0.112993	0.065631	0.032505	0.018831	-0.014530
	0.013279	-0.021187	-0.011356	0.087624	-0.035103	0.055049
	-0.038257	0.039113	-0.047924	0.082215	0.005655	-0.043799
	-0.009123	0.044873	-0.015918	0.008769	0.061510	0.003358
	-0.001327					
z224	0.009803	0.041514	0.037014	-0.022761	-0.021486	0.028312
	-0.055448	-0.076019	-0.025289	0.060245	0.034106	-0.021206
	0.000548	-0.015503	-0.021873	-0.086213	-0.013086	0.004491
	-0.002595	0.052201	-0.023138	0.050300	-0.064361	-0.039054
	-0.009332	-0.008017	-0.027092	0.055076	0.015609	0.035106
	-0.017789					
x225	0.057307	-0.017235	0.029617	0.079944	-0.024173	-0.029329
	0.005346	0.014219	0.003766	-0.022972	-0.026149	0.020584
	0.009841	-0.035389	-0.001766	0.017685	-0.030616	0.039297
	0.004801	0.003920	0.038017	0.116350	-0.012237	-0.030131
	-0.008774	0.012408	-0.003976	-0.019708	-0.006172	0.002750
	-0.059219					
y225	-0.024685	-0.057724	-0.008599	-0.016327	-0.005949	0.078511
	-0.005530	0.109485	0.064813	0.038886	0.012239	-0.016847
	0.017364	-0.021550	0.000204	0.088693	-0.029790	0.056374
	-0.034966	0.033650	-0.034468	0.072163	0.006189	-0.034936
	-0.019138	0.050408	-0.004113	0.004607	0.053105	-0.008132
	-0.004212					
z225	0.005213	0.039864	0.036186	-0.016419	-0.017996	0.030386
	-0.051851	-0.068224	-0.029026	0.051208	0.037893	-0.030519
	-0.005414	-0.013656	-0.023936	-0.085475	-0.019613	-0.008858
	-0.008091	0.041975	-0.028090	0.046923	-0.047836	-0.041938
	-0.015088	-0.009004	-0.030195	0.036460	0.010369	0.042522
	-0.013692					

x226	0.055990	-0.024389	0.027659	0.076391	-0.027008	-0.023634
	0.007311	0.021170	0.008558	-0.024585	-0.019888	0.027014
	0.007864	-0.034517	-0.003721	0.017160	-0.030509	0.043101
	0.001721	0.001468	0.047993	0.117017	-0.012262	-0.025223
	-0.009287	0.013254	0.003565	-0.011386	-0.021240	-0.008159
	-0.038028					
y226	-0.024578	-0.058873	-0.004344	-0.023322	-0.006511	0.073021
	-0.007472	0.103931	0.061458	0.047644	0.007636	-0.019752
	0.020900	-0.020341	0.006982	0.080839	-0.020169	0.057271
	-0.031105	0.027301	-0.023753	0.065333	0.007077	-0.029759
	-0.025102	0.050890	0.010272	-0.001470	0.042087	-0.018469
	-0.009964					
z226	0.000514	0.036902	0.035819	-0.009121	-0.013388	0.029405
	-0.049573	-0.059192	-0.029817	0.039587	0.042496	-0.032833
	-0.007284	-0.011282	-0.026001	-0.087131	-0.023236	-0.012584
	-0.009059	0.026564	-0.026563	0.045468	-0.030841	-0.029097
	-0.026407	-0.011751	-0.026643	0.036216	0.013942	0.029239
	0.011691					
x227	0.054336	-0.030509	0.027565	0.072141	-0.033527	-0.018334
	0.010506	0.025594	0.011312	-0.026134	-0.013611	0.035473
	0.004531	-0.038529	-0.007673	0.012176	-0.021395	0.045962
	-0.004320	0.010222	0.048906	0.114176	-0.007761	-0.027485
	-0.006869	0.009633	0.016060	-0.019567	-0.035521	-0.009675
	-0.023381					
y227	-0.023646	-0.058792	0.001257	-0.029436	-0.006475	0.066291
	-0.008116	0.096865	0.056089	0.056798	0.003909	-0.023465
	0.025094	-0.016673	0.009644	0.064065	-0.006486	0.058514
	-0.029183	0.021028	-0.015935	0.061116	0.011642	-0.022023
	-0.026116	0.048154	0.025716	-0.015812	0.022701	-0.023718
	-0.014634					
z227	-0.004385	0.034435	0.036873	-0.000580	-0.010080	0.028607
	-0.046618	-0.050456	-0.029817	0.023911	0.047686	-0.028689
	-0.008183	-0.012171	-0.033116	-0.085744	-0.020494	-0.015567
	-0.009272	0.026042	-0.028777	0.044424	-0.009564	-0.021223
	-0.036311	-0.019874	-0.022150	0.021320	0.024012	0.019666
	0.029948					
x228	0.053141	-0.034577	0.025809	0.067171	-0.039019	-0.014821
	0.016562	0.028481	0.011358	-0.022791	-0.004675	0.037012
	0.000997	-0.033449	-0.005473	0.011063	-0.007671	0.046744
	-0.004903	0.006353	0.052828	0.096457	-0.008420	-0.032423
	0.001601	0.005377	0.022694	-0.021547	-0.040463	-0.015670
	-0.022203					

y228	-0.021534	-0.057020	0.008496	-0.036459	-0.006792	0.060107
	-0.007434	0.087399	0.046250	0.068691	0.000440	-0.028167
	0.027709	-0.012210	0.007177	0.039490	0.007678	0.057580
	-0.028597	0.011299	-0.007280	0.057028	0.015372	-0.018591
	-0.020541	0.038671	0.044147	-0.034870	-0.004550	-0.026637
	-0.019164					
z228	-0.009238	0.032950	0.034729	0.007773	-0.005292	0.027105
	-0.041794	-0.039683	-0.032518	0.011073	0.051251	-0.028930
	-0.009422	-0.008752	-0.037744	-0.070635	-0.022323	-0.017808
	-0.005008	0.011793	-0.018536	0.030034	0.005111	-0.013087
	-0.038365	-0.033388	-0.019428	0.016174	0.043439	-0.002645
	0.034448					
x229	0.051975	-0.037067	0.025593	0.058487	-0.046175	-0.012129
	0.021467	0.026981	0.004579	-0.014154	0.000444	0.036466
	-0.007468	-0.030297	-0.003113	-0.005758	0.001936	0.038605
	0.001688	-0.000128	0.041935	0.085911	-0.009985	-0.038863
	0.023532	-0.008674	0.030842	-0.020220	-0.061301	-0.009768
	-0.037980					
y229	-0.018367	-0.053795	0.016430	-0.043119	-0.007569	0.052578
	-0.003329	0.076813	0.035205	0.082392	-0.000762	-0.034619
	0.029432	-0.006201	0.002152	0.012465	0.025389	0.057669
	-0.029611	-0.003420	0.000112	0.050114	0.017739	-0.020058
	-0.010011	0.025166	0.060510	-0.055669	-0.038053	-0.027705
	-0.029079					
z229	-0.013797	0.032181	0.033912	0.015452	-0.002076	0.024312
	-0.036649	-0.031418	-0.035871	-0.006126	0.052124	-0.026223
	-0.013704	-0.008876	-0.042339	-0.063855	-0.030822	-0.019824
	0.002599	-0.007834	-0.017966	0.021481	0.019246	-0.009949
	-0.035480	-0.050699	-0.017591	0.023243	0.053985	-0.018980
	0.025596					
x230	0.046644	-0.046679	0.025464	0.042971	-0.048037	-0.005089
	0.026063	0.024233	0.000440	-0.021432	0.004355	0.025932
	-0.014004	-0.027594	0.009392	-0.017692	0.009527	0.030876
	0.006097	-0.000801	0.037882	0.054335	-0.006542	-0.036251
	0.016807	-0.023800	0.036471	-0.023981	-0.056893	0.005403
	-0.024774					
y230	-0.019459	-0.054724	0.020479	-0.051115	0.001799	0.045513
	0.000098	0.062377	0.018868	0.076592	-0.002204	-0.045991
	0.022448	-0.008283	-0.001201	0.004452	0.023721	0.048435
	-0.035933	-0.016016	0.000309	0.028705	0.037637	-0.017931
	-0.021127	0.024654	0.061303	-0.060944	-0.036255	-0.014778
	-0.014604					

z230	-0.014221	0.035050	0.035813	0.024887	-0.002029	0.020707
	-0.034403	-0.022056	-0.021607	-0.004999	0.049471	-0.025821
	-0.015794	-0.000759	-0.044344	-0.050574	-0.016842	-0.016358
	0.017375	-0.014627	-0.010371	0.024875	0.018439	0.008377
	-0.035142	-0.047596	-0.013239	0.007935	0.048710	-0.017105
	-0.000882					
x231	0.041413	-0.056014	0.025792	0.026821	-0.048520	-0.000199
	0.033847	0.024540	-0.002869	-0.026317	0.005311	0.021710
	-0.017075	-0.027601	0.020280	-0.021468	0.014286	0.027307
	-0.003352	-0.003345	0.034236	0.025311	-0.001899	-0.042068
	0.018380	-0.034303	0.034621	-0.020527	-0.057782	0.017226
	-0.018051					
y231	-0.019912	-0.054705	0.024677	-0.056820	0.011471	0.038778
	0.003447	0.048774	0.004657	0.073204	-0.002998	-0.055721
	0.013864	-0.009363	-0.006489	-0.007961	0.022273	0.036107
	-0.038946	-0.026224	-0.001530	0.011572	0.049880	-0.016025
	-0.029468	0.026596	0.060500	-0.066326	-0.030670	-0.008229
	0.000903					
z231	-0.015572	0.035915	0.038882	0.030385	-0.000442	0.013690
	-0.023792	-0.007994	-0.010697	-0.002361	0.046169	-0.021674
	-0.017657	0.006429	-0.047100	-0.037751	-0.011771	-0.013009
	0.015266	-0.025872	-0.011110	0.026222	0.019462	0.011063
	-0.025972	-0.038609	-0.017747	-0.008204	0.031092	-0.017593
	-0.029670					
x232	0.036711	-0.065266	0.025161	0.011671	-0.046492	0.004466
	0.037544	0.022800	-0.005214	-0.026513	0.011609	0.019515
	-0.020357	-0.026237	0.029713	-0.032331	0.018316	0.014767
	-0.002743	-0.001816	0.031547	0.009805	-0.004312	-0.036303
	0.022849	-0.038719	0.029684	-0.010267	-0.053355	0.023009
	-0.003927					
y232	-0.019761	-0.054124	0.028506	-0.060271	0.018727	0.031844
	0.007026	0.036967	-0.005819	0.069216	-0.006128	-0.062352
	0.007878	-0.014083	-0.008664	-0.014796	0.020539	0.027627
	-0.043092	-0.031223	-0.006217	-0.001903	0.058595	-0.016232
	-0.036502	0.028022	0.061634	-0.070757	-0.025136	-0.004429
	0.008510					
z232	-0.016905	0.035032	0.041821	0.033589	0.001868	0.009730
	-0.014632	-0.000013	-0.001449	0.000068	0.049613	-0.019526
	-0.017926	0.010816	-0.043991	-0.032922	-0.007745	-0.010681
	0.023768	-0.034472	-0.011628	0.033085	0.011905	0.018495
	-0.012495	-0.031553	-0.021101	-0.009918	0.026968	-0.018005
	-0.042473					

x233	0.031224	-0.073605	0.025736	0.000265	-0.046684	0.009629
	0.035758	0.022426	-0.007197	-0.025834	0.011537	0.017740
	-0.027958	-0.021613	0.035707	-0.033418	0.022714	0.003869
	-0.002108	0.000323	0.031969	-0.000041	0.009645	-0.031221
	0.016852	-0.029372	0.030664	-0.002003	-0.048652	0.024873
	0.000835					
y233	-0.018618	-0.051833	0.029377	-0.062461	0.026975	0.027539
	0.007425	0.024705	-0.012198	0.065643	-0.007085	-0.064909
	0.006810	-0.020005	-0.010546	-0.019814	0.022820	0.017674
	-0.044737	-0.029924	-0.003924	-0.019521	0.060395	-0.006053
	-0.035969	0.022964	0.056749	-0.071671	-0.022180	-0.008435
	0.030553					
z233	-0.018568	0.032792	0.044207	0.037675	0.001442	0.009012
	-0.014597	0.004837	0.005268	-0.002890	0.046439	-0.018946
	-0.016763	0.015545	-0.030715	-0.016657	-0.004535	-0.015685
	0.022024	-0.036011	-0.008481	0.039295	0.021989	0.023188
	-0.011253	-0.020701	-0.012637	-0.020188	0.015251	-0.023690
	-0.059870					
x234	0.028121	-0.081562	0.025108	-0.010630	-0.045839	0.014076
	0.036181	0.025188	-0.007858	-0.021526	0.015397	0.018929
	-0.034424	-0.015765	0.036604	-0.041913	0.026832	-0.002721
	-0.006028	0.006337	0.034421	-0.017672	0.006108	-0.023504
	0.015345	-0.031649	0.028182	0.000119	-0.040255	0.025759
	0.019902					
y234	-0.017809	-0.049485	0.030666	-0.061478	0.033423	0.020807
	0.007868	0.012877	-0.016588	0.063205	-0.013057	-0.063637
	0.008790	-0.032299	-0.010689	-0.021141	0.020293	0.007868
	-0.046271	-0.023894	-0.006978	-0.017763	0.064441	-0.006053
	-0.037608	0.023791	0.051622	-0.066798	-0.018386	-0.011752
	0.025303					
z234	-0.017769	0.028959	0.045244	0.041083	0.001350	0.010011
	-0.010170	0.010538	0.011487	-0.003620	0.047621	-0.017986
	-0.014672	0.021645	-0.015347	-0.012505	-0.004650	-0.018855
	0.013019	-0.034016	-0.005116	0.033970	0.016429	0.021095
	-0.002364	-0.028452	-0.011326	-0.029834	0.011856	-0.026213
	-0.051749					
x235	0.023615	-0.087273	0.024055	-0.019376	-0.045309	0.014566
	0.033820	0.021306	-0.008368	-0.019419	0.019284	0.019705
	-0.039854	-0.011242	0.031792	-0.043053	0.033561	-0.004852
	0.002110	0.013941	0.034777	-0.026691	0.009219	-0.010555
	0.002265	-0.026570	0.024841	-0.004534	-0.038928	0.019355
	0.035626					

y235	-0.016023	-0.046230	0.031096	-0.058495	0.039942	0.017409
	0.007106	0.005111	-0.017488	0.062333	-0.018154	-0.059630
	0.010306	-0.042110	-0.011011	-0.022421	0.020956	-0.003125
	-0.044797	-0.017851	-0.005377	-0.022440	0.061558	0.002383
	-0.031461	0.026487	0.042976	-0.056005	-0.010503	-0.017551
	0.026862					
z235	-0.019301	0.023344	0.046401	0.041420	-0.001085	0.009024
	-0.007903	0.008722	0.016842	-0.010075	0.051213	-0.017424
	-0.011989	0.025537	-0.000578	-0.005956	-0.003281	-0.014503
	0.020161	-0.031630	-0.006050	0.036503	0.023738	0.026517
	-0.004830	-0.025397	-0.005076	-0.051333	-0.009153	-0.023054
	-0.040915					
x236	0.019543	-0.092380	0.020552	-0.027252	-0.043509	0.019734
	0.032269	0.018543	-0.006259	-0.009081	0.017798	0.025052
	-0.045909	-0.009537	0.023786	-0.043894	0.034198	-0.013184
	-0.002410	0.024692	0.040849	-0.034035	0.008500	-0.000777
	0.000508	-0.019617	0.023578	0.007153	-0.033093	0.015614
	0.047605					
y236	-0.013342	-0.042279	0.032620	-0.052950	0.045130	0.010546
	0.005175	0.001142	-0.013741	0.060923	-0.023339	-0.052509
	0.013856	-0.051766	-0.013018	-0.021102	0.025725	-0.007705
	-0.037132	-0.009146	-0.007326	-0.021487	0.056428	0.010979
	-0.025733	0.029597	0.028431	-0.048284	-0.003976	-0.033166
	0.022718					
z236	-0.020833	0.017384	0.047848	0.040873	-0.001271	0.013910
	0.000002	0.009041	0.015086	-0.007815	0.048263	-0.018872
	-0.016030	0.033574	0.005609	-0.005784	-0.013057	-0.007895
	0.016704	-0.039863	-0.002860	0.026398	0.027845	0.012869
	0.008778	-0.033332	-0.001940	-0.044343	-0.022949	-0.003503
	-0.035290					
x237	0.015993	-0.095638	0.018288	-0.033219	-0.040640	0.020802
	0.031888	0.015349	-0.001605	-0.000844	0.020003	0.029327
	-0.051508	-0.013336	0.011329	-0.040055	0.044348	-0.016641
	-0.002120	0.036386	0.034905	-0.033998	-0.000654	0.009064
	-0.009819	0.000225	0.015191	0.003750	-0.020389	-0.006214
	0.055491					
y237	-0.010524	-0.038182	0.033137	-0.044912	0.050283	0.004949
	0.002013	-0.003208	-0.007919	0.063884	-0.029048	-0.041428
	0.017483	-0.057263	-0.012304	-0.023138	0.026102	-0.019119
	-0.034756	0.004515	-0.002800	-0.018071	0.049844	0.022387
	-0.019604	0.031079	0.014240	-0.031335	-0.001119	-0.039461
	0.025184					

z237	-0.022881	0.013225	0.049008	0.038829	-0.002569	0.013084
	0.007085	0.009258	0.018296	-0.009871	0.051860	-0.022026
	-0.019523	0.028059	0.012728	-0.004213	-0.011223	-0.005203
	0.013780	-0.044171	-0.011520	0.027209	0.025503	-0.001224
	0.007814	-0.027489	-0.001691	-0.060900	-0.037525	0.000167
	-0.033596					
x238	0.013628	-0.099784	0.015245	-0.037762	-0.038363	0.023247
	0.028416	0.014176	0.006977	0.012311	0.018496	0.040063
	-0.058049	-0.012043	-0.002133	-0.028830	0.055059	-0.013887
	-0.004631	0.047695	0.042246	-0.032790	-0.003832	0.029332
	-0.015284	0.020025	0.004467	0.013464	-0.010717	-0.023527
	0.062450					
y238	-0.008434	-0.031985	0.032765	-0.036262	0.054447	0.001588
	-0.004336	-0.008439	-0.004487	0.066410	-0.036250	-0.028272
	0.022682	-0.071150	-0.015587	-0.032478	0.020554	-0.034011
	-0.024206	0.024353	-0.000624	-0.006025	0.036270	0.032802
	-0.011622	0.029587	0.005996	-0.022182	0.003871	-0.050436
	0.025428					
z238	-0.023655	0.005567	0.049366	0.036990	-0.004854	0.014991
	0.013242	0.008902	0.022428	-0.009677	0.051114	-0.021392
	-0.022579	0.028476	0.026392	0.004775	-0.012066	0.009023
	0.002761	-0.049960	-0.006506	0.014797	0.028517	-0.009257
	0.012774	-0.033750	-0.006301	-0.059641	-0.055803	0.005530
	-0.029679					
x239	0.012695	-0.101289	0.008562	-0.043172	-0.029600	0.024350
	0.026251	0.000217	0.015209	0.023111	0.022778	0.041373
	-0.046251	-0.011700	-0.006159	-0.025691	0.060599	-0.015914
	0.011957	0.041389	0.050903	-0.043781	-0.009168	0.033264
	-0.002084	-0.002829	-0.013841	0.031929	0.009384	-0.014656
	0.045096					
y239	-0.002106	-0.024190	0.031609	-0.025056	0.062963	-0.008707
	-0.007563	-0.013936	-0.006425	0.057608	-0.040120	-0.026208
	0.035550	-0.071556	-0.016006	-0.033381	0.015948	-0.036715
	-0.004581	0.022387	0.008831	-0.005882	0.033893	0.038665
	0.007605	0.009682	0.000864	-0.004061	0.009879	-0.027613
	0.007696					
z239	-0.027499	-0.002631	0.049737	0.033130	-0.005236	0.020744
	0.016188	0.009842	0.021982	-0.010182	0.045147	-0.017889
	-0.031049	0.020709	0.031178	0.005797	-0.016207	0.014518
	-0.013485	-0.045094	-0.007872	0.011735	0.027842	-0.006159
	0.008417	-0.026977	-0.006288	-0.065859	-0.067469	-0.005675
	-0.001347					

x240	0.010926	-0.102109	0.002463	-0.046928	-0.020601	0.023732
	0.026746	-0.011963	0.022064	0.033312	0.028134	0.039342
	-0.034102	-0.009530	-0.008633	-0.019255	0.067027	-0.016398
	0.025588	0.035532	0.055768	-0.052561	-0.016730	0.035633
	0.005799	-0.014527	-0.031061	0.046293	0.017453	-0.004905
	0.023276					
y240	0.004150	-0.017399	0.031571	-0.019189	0.068987	-0.013692
	-0.010499	-0.018094	-0.005354	0.052049	-0.048280	-0.020684
	0.041781	-0.079098	-0.017123	-0.038575	0.005463	-0.041689
	0.004911	0.017742	0.017173	-0.003782	0.027663	0.042523
	0.026239	-0.009055	0.001152	0.000745	0.018721	-0.015326
	-0.005702					
z240	-0.030918	-0.009250	0.048978	0.035422	-0.003200	0.022023
	0.020299	0.009357	0.020649	-0.011857	0.047535	-0.014971
	-0.031766	0.022665	0.038707	0.007934	-0.012785	0.010243
	-0.019783	-0.033594	-0.013542	0.015652	0.027875	0.001936
	-0.001058	-0.013636	-0.006262	-0.062845	-0.078122	-0.001767
	0.011152					
x241	0.010235	-0.101938	-0.005206	-0.050723	-0.012562	0.024757
	0.025020	-0.022424	0.030795	0.045422	0.031574	0.037427
	-0.024627	-0.010057	-0.006245	-0.010262	0.074080	-0.022098
	0.034585	0.032085	0.058578	-0.054423	-0.028224	0.040285
	0.018437	-0.025323	-0.040655	0.052561	0.032707	0.000513
	0.004799					
y241	0.007519	-0.008498	0.034577	-0.009648	0.073254	-0.023586
	-0.008273	-0.021334	-0.012620	0.040610	-0.049226	-0.019310
	0.044573	-0.076570	-0.021411	-0.042972	-0.006597	-0.040017
	0.018475	0.009830	0.018587	-0.008954	0.027180	0.040444
	0.029403	-0.025795	-0.002244	0.004935	0.020531	-0.008808
	-0.012075					
z241	-0.031710	-0.018552	0.043072	0.030779	0.000354	0.028264
	0.018544	0.002778	0.029816	-0.013026	0.045057	-0.006433
	-0.029921	0.010600	0.058627	0.016782	-0.003808	-0.005855
	-0.035937	-0.014934	-0.015159	0.027464	0.019138	0.013765
	0.009591	-0.008113	-0.001079	-0.067653	-0.077610	-0.003346
	0.016126					
x242	0.009132	-0.100011	-0.011669	-0.051430	-0.005002	0.023416
	0.027013	-0.027906	0.035029	0.056067	0.034056	0.032953
	-0.018627	-0.007804	-0.008712	-0.001039	0.075884	-0.025133
	0.047145	0.027199	0.058433	-0.056075	-0.038612	0.038161
	0.024335	-0.030814	-0.049027	0.052901	0.039263	0.002305
	-0.009061					

y242	0.009921	-0.000122	0.035140	-0.000675	0.077864	-0.033363
	-0.006302	-0.027896	-0.018117	0.027389	-0.046364	-0.016465
	0.047524	-0.075265	-0.024792	-0.042214	-0.012656	-0.039858
	0.029415	0.003066	0.010910	-0.016016	0.027947	0.038305
	0.033725	-0.041748	-0.003052	-0.000059	0.022844	-0.005707
	-0.008454					
z242	-0.031773	-0.026623	0.043960	0.029339	0.001421	0.032332
	0.021239	0.005597	0.034570	-0.011637	0.037240	-0.004311
	-0.034959	0.003363	0.066129	0.017299	-0.002725	-0.011694
	-0.036367	-0.003976	-0.009691	0.030008	0.011019	0.015096
	0.010088	0.005339	0.007710	-0.054906	-0.074262	0.000969
	0.008425					
x243	0.007951	-0.096511	-0.017403	-0.049590	0.002071	0.021126
	0.029559	-0.032730	0.039766	0.067789	0.034971	0.026760
	-0.013438	-0.002096	-0.013776	0.008634	0.075872	-0.024565
	0.061435	0.018495	0.055924	-0.056335	-0.049372	0.039550
	0.027923	-0.033329	-0.048250	0.045401	0.037749	0.006468
	-0.024447					
y243	0.014579	0.006295	0.038553	0.002330	0.077842	-0.033457
	-0.007556	-0.025661	-0.013729	0.024932	-0.047181	-0.006557
	0.045680	-0.078015	-0.017833	-0.042954	-0.018443	-0.045094
	0.026562	-0.001375	0.026246	-0.011675	0.027103	0.042936
	0.044258	-0.042674	-0.005912	0.005344	0.019122	0.008856
	-0.000936					
z243	-0.035469	-0.032802	0.042388	0.027441	0.005701	0.029606
	0.028046	0.003345	0.034324	-0.017048	0.030148	-0.006897
	-0.039715	0.002992	0.058224	0.020642	0.004407	-0.001109
	-0.023541	0.002040	-0.029959	0.027819	0.001729	0.006785
	-0.002341	0.016839	0.021603	-0.052879	-0.066225	0.007064
	-0.015169					
x244	0.006796	-0.091452	-0.024573	-0.045472	0.009216	0.020387
	0.032664	-0.032439	0.042447	0.079481	0.034739	0.018008
	-0.010773	0.001476	-0.017291	0.023133	0.075063	-0.023180
	0.077062	0.011543	0.053901	-0.049315	-0.061840	0.036294
	0.027172	-0.032886	-0.048034	0.033030	0.042929	0.006168
	-0.030118					
y244	0.018663	0.011009	0.043650	0.003985	0.074666	-0.035948
	-0.005937	-0.026747	-0.011212	0.018868	-0.047816	0.001275
	0.045254	-0.078940	-0.017436	-0.042337	-0.028003	-0.045305
	0.021374	-0.012082	0.015633	-0.016794	0.028830	0.047850
	0.050934	-0.034827	0.003047	0.008832	0.009596	0.000582
	-0.019112					

z244	-0.037466	-0.038453	0.042051	0.027425	0.011258	0.023992
	0.031767	0.000253	0.036095	-0.023228	0.022532	-0.005116
	-0.045200	0.002280	0.054274	0.024130	0.012171	-0.000374
	-0.007606	0.011282	-0.013200	0.027280	-0.011055	0.003455
	-0.007679	0.011574	0.020859	-0.056648	-0.059011	0.038842
	0.004410					
x245	0.004893	-0.084334	-0.031746	-0.038285	0.015247	0.016858
	0.037822	-0.031085	0.039932	0.089767	0.035486	0.007116
	-0.009573	0.008620	-0.022389	0.040345	0.070313	-0.024388
	0.089975	0.005974	0.041199	-0.045854	-0.070011	0.030225
	0.024895	-0.031033	-0.040482	0.017230	0.039098	0.001822
	-0.033542					
y245	0.019236	0.019946	0.049060	0.007199	0.070821	-0.046212
	-0.000116	-0.029983	-0.022060	0.000413	-0.040127	0.002316
	0.037808	-0.076673	-0.012622	-0.039836	-0.033034	-0.045348
	0.023836	-0.015166	-0.000105	-0.016995	0.030125	0.034619
	0.043766	-0.047313	-0.002976	-0.012798	0.010779	-0.004902
	-0.019363					
z245	-0.036352	-0.049309	0.040923	0.030849	0.017521	0.024730
	0.035266	0.001922	0.047705	-0.022694	0.007583	0.000487
	-0.048624	-0.001747	0.043159	0.026274	0.012456	0.003054
	0.007664	0.013888	-0.003600	0.014432	-0.019586	0.012238
	-0.008421	0.012699	0.033074	-0.034729	-0.061141	0.040291
	0.010639					
x246	0.003572	-0.075831	-0.038646	-0.029877	0.020889	0.013878
	0.043286	-0.026993	0.039430	0.101415	0.033220	-0.003154
	-0.010537	0.016413	-0.030051	0.058718	0.064218	-0.024063
	0.100423	0.001587	0.031228	-0.035567	-0.080283	0.024668
	0.017743	-0.029600	-0.025270	-0.003252	0.029579	-0.000101
	-0.032552					
y246	0.019790	0.026708	0.055435	0.004629	0.064949	-0.046409
	0.003359	-0.029723	-0.017371	-0.009246	-0.034916	0.009186
	0.027207	-0.071606	-0.010633	-0.041220	-0.032871	-0.041675
	0.020305	-0.018492	0.001388	-0.020057	0.026121	0.040008
	0.039388	-0.048059	0.007772	-0.022254	0.001980	-0.005721
	-0.019463					
z246	-0.034872	-0.058186	0.039442	0.035300	0.023428	0.017828
	0.042785	0.002318	0.047092	-0.024682	-0.006490	0.002679
	-0.049525	-0.006739	0.035165	0.034449	0.011492	0.003283
	0.031509	0.015198	-0.008312	0.006372	-0.028888	0.004397
	-0.014523	0.017363	0.038216	-0.030309	-0.050809	0.052680
	0.007923					

x247	0.002192	-0.066946	-0.044242	-0.018948	0.026752	0.010462
	0.048741	-0.019858	0.036009	0.107870	0.031222	-0.015751
	-0.012030	0.023352	-0.034820	0.077593	0.054542	-0.024400
	0.116022	-0.009780	0.025638	-0.029084	-0.088612	0.010288
	0.018079	-0.011989	-0.012798	-0.032452	0.017930	-0.010124
	-0.021859					
y247	0.020806	0.032294	0.063259	0.003026	0.055650	-0.046724
	0.007585	-0.023883	-0.017128	-0.021909	-0.024100	0.014110
	0.015860	-0.069103	-0.002715	-0.040340	-0.033513	-0.042982
	0.013717	-0.029207	-0.003194	-0.030624	0.020293	0.033579
	0.031234	-0.021761	0.006666	-0.031695	-0.001285	-0.017659
	-0.014490					
z247	-0.035170	-0.063958	0.035980	0.040643	0.030022	0.011169
	0.049703	0.000165	0.053377	-0.023316	-0.024574	0.003454
	-0.053007	-0.010441	0.018016	0.043955	0.014180	0.005962
	0.057852	0.031080	-0.013209	0.005931	-0.034706	0.003791
	-0.020264	0.003895	0.060724	-0.019056	-0.044300	0.064375
	-0.013897					
x248	0.005737	-0.053220	-0.041906	-0.021657	0.024561	0.014338
	0.047783	-0.040196	0.021025	0.104438	0.031203	-0.012447
	-0.002043	0.013256	-0.034149	0.069493	0.040688	-0.036962
	0.082791	-0.013565	0.029074	-0.041421	-0.077922	0.014816
	0.018739	-0.015889	0.004522	-0.051903	0.001478	-0.014361
	-0.016058					
y248	0.021552	0.037018	0.067671	-0.003572	0.051901	-0.044725
	0.008048	-0.021379	-0.013658	-0.045216	-0.014684	0.018659
	0.011812	-0.067343	0.006478	-0.030808	-0.034996	-0.046980
	0.006799	-0.030357	-0.009161	-0.017743	0.018914	0.018972
	0.038937	-0.010006	0.001897	-0.037137	-0.001074	-0.018056
	-0.018383					
z248	-0.030860	-0.070937	0.035944	0.039793	0.034231	0.010869
	0.044153	-0.007362	0.051979	-0.015692	-0.037469	0.003531
	-0.047900	-0.000139	0.010030	0.050606	0.015944	0.000947
	0.042324	0.036969	-0.014335	-0.005424	-0.022724	-0.002580
	-0.021421	-0.003443	0.066884	-0.003150	-0.030712	0.061821
	0.002372					
x249	0.007814	-0.037555	-0.041074	-0.024682	0.020034	0.015849
	0.042083	-0.054969	0.007869	0.101045	0.031945	-0.007465
	0.003845	0.009599	-0.032887	0.062449	0.031453	-0.051080
	0.045055	-0.009585	0.033766	-0.050474	-0.068086	0.007441
	0.013727	-0.014336	0.023327	-0.061530	-0.014640	-0.009954
	0.001042					

y249	0.021517	0.038086	0.070887	-0.013421	0.045006	-0.040189
	0.004148	-0.019826	-0.005933	-0.060733	-0.010757	0.029787
	0.010489	-0.060888	0.013291	-0.025052	-0.035478	-0.052968
	-0.011799	-0.025965	-0.007196	-0.010873	0.013784	0.005917
	0.050049	-0.002485	-0.001922	-0.037014	0.000091	-0.013538
	-0.008064					
z249	-0.024343	-0.076864	0.038480	0.043702	0.041187	0.010230
	0.049167	-0.015897	0.046186	-0.016303	-0.047184	-0.001211
	-0.040196	0.002462	0.005875	0.053757	0.011992	0.001227
	0.038540	0.033903	-0.020936	-0.009942	-0.021273	0.012776
	-0.017081	-0.022379	0.059493	-0.000036	-0.027017	0.051697
	0.006796					
x250	0.010403	-0.021215	-0.041289	-0.023494	0.015807	0.017976
	0.041317	-0.063151	0.001125	0.094955	0.036904	-0.001048
	0.008252	0.004208	-0.028614	0.061506	0.017013	-0.062568
	0.021957	-0.002718	0.033045	-0.057257	-0.077498	0.020979
	0.001979	-0.020843	0.032063	-0.070650	-0.023876	-0.017913
	0.009440					
y250	0.021108	0.038019	0.072609	-0.019797	0.039967	-0.035592
	0.001405	-0.019905	0.004141	-0.072130	-0.000526	0.035085
	0.007586	-0.059073	0.019282	-0.012885	-0.035267	-0.058525
	-0.021171	-0.022574	-0.008746	-0.000139	0.010395	-0.000557
	0.048025	0.006843	-0.008454	-0.030296	-0.001273	-0.012533
	-0.001366					
z250	-0.019269	-0.079618	0.040649	0.045370	0.045266	0.010414
	0.044436	-0.021802	0.029563	-0.014673	-0.061072	-0.006314
	-0.033963	0.009121	-0.001601	0.045168	0.014048	0.000723
	0.020671	0.032120	-0.022205	-0.008188	-0.004788	-0.002644
	-0.007307	-0.029473	0.061319	0.014011	-0.012074	0.051458
	0.015022					
x251	0.013556	-0.005577	-0.038818	-0.022955	0.013556	0.020757
	0.038230	-0.068911	-0.009364	0.085001	0.039247	0.003286
	0.006378	0.010753	-0.030953	0.054473	0.004827	-0.057877
	0.001844	-0.005224	0.032565	-0.060860	-0.081678	0.024167
	-0.010630	-0.027875	0.025800	-0.072850	-0.027206	-0.019530
	0.035874					
y251	0.019365	0.038319	0.074189	-0.023434	0.035108	-0.036935
	0.000916	-0.023601	0.001698	-0.083725	0.011606	0.036738
	0.001676	-0.054184	0.012590	-0.007541	-0.038235	-0.049425
	-0.023323	-0.020087	-0.023490	-0.006160	0.005919	-0.024254
	0.042833	0.010081	-0.022040	-0.032588	0.015692	-0.034536
	0.019536					

z251	-0.014729	-0.080410	0.041465	0.049369	0.047009	0.010366
	0.044642	-0.019887	0.022101	-0.008092	-0.071445	-0.010313
	-0.028126	0.001756	0.002116	0.038846	0.011818	-0.015207
	-0.000230	0.037949	-0.019621	0.000139	-0.007322	-0.003328
	0.008166	-0.020239	0.072228	0.024158	-0.009372	0.050515
	-0.004258					
x252	0.014284	0.011283	-0.037820	-0.021631	0.012577	0.022304
	0.039041	-0.065045	-0.019692	0.074664	0.045457	0.008172
	-0.001322	0.018901	-0.022647	0.039946	-0.001983	-0.063275
	-0.013570	-0.007845	0.044850	-0.038807	-0.083414	0.020966
	-0.010094	-0.029654	0.024681	-0.069290	-0.030465	-0.005235
	0.046779					
y252	0.016612	0.036086	0.077551	-0.034068	0.028140	-0.030561
	-0.001186	-0.018838	0.012942	-0.082965	0.010361	0.040981
	-0.005016	-0.061325	0.019172	-0.005921	-0.035215	-0.048326
	-0.032571	-0.016938	-0.003861	0.000479	-0.008777	-0.021609
	0.050425	0.013127	-0.013804	-0.014398	0.021571	-0.008354
	0.001892					
z252	-0.009436	-0.076831	0.042638	0.055863	0.049398	0.007639
	0.043494	-0.024790	0.004555	-0.011823	-0.076738	-0.014934
	-0.017518	-0.002118	-0.013209	0.040342	0.008224	-0.012046
	-0.009480	0.046103	-0.032058	-0.017117	-0.015059	-0.008182
	0.012580	-0.028377	0.058986	0.032610	0.005109	0.008277
	0.005979					
x253	0.015640	0.027101	-0.036503	-0.017720	0.011428	0.022351
	0.033752	-0.060764	-0.030357	0.061306	0.047235	0.011470
	-0.007733	0.024062	-0.015605	0.027122	-0.008340	-0.071241
	-0.024628	-0.014869	0.039753	-0.028764	-0.092206	0.016237
	0.009159	-0.011948	0.012475	-0.068475	-0.015349	-0.010726
	0.045899					
y253	0.013835	0.032646	0.077614	-0.040615	0.019378	-0.029900
	-0.005885	-0.022745	0.015641	-0.084703	0.010772	0.040260
	-0.006811	-0.061396	0.016719	-0.002617	-0.033490	-0.055294
	-0.043151	-0.012737	-0.014462	-0.011579	-0.023381	-0.018307
	0.057855	0.012190	-0.008576	-0.005994	0.049072	-0.011088
	-0.017548					
z253	-0.003813	-0.070256	0.044050	0.061187	0.051430	0.008905
	0.048970	-0.020659	-0.009435	-0.008617	-0.077450	-0.015933
	-0.015528	-0.002706	-0.023865	0.034293	0.003694	-0.001481
	-0.020384	0.058155	-0.024849	-0.009444	-0.025780	-0.013290
	-0.000687	-0.051642	0.044725	0.045841	-0.009468	-0.000502
	0.031819					

x254	0.016780	0.040124	-0.033887	-0.011199	0.008867	0.023114
	0.028407	-0.054826	-0.033428	0.045722	0.053807	0.016725
	-0.014913	0.022161	-0.010720	0.015673	-0.021670	-0.058692
	-0.039758	-0.009883	0.036745	-0.017417	-0.100580	0.020189
	0.007374	-0.003509	-0.008220	-0.069624	-0.024682	-0.000050
	0.083061					
y254	0.012075	0.024040	0.072728	-0.044373	0.012507	-0.021198
	-0.015227	-0.032157	0.028746	-0.063806	0.022748	0.046422
	-0.008733	-0.082916	0.000402	-0.001845	-0.039508	-0.042351
	-0.052419	-0.001044	-0.018630	-0.009649	-0.015153	-0.011551
	0.066326	0.040843	-0.012972	0.007968	0.043789	0.019949
	0.020102					
z254	-0.000775	-0.058751	0.048918	0.068794	0.050676	0.006447
	0.054501	-0.002470	-0.036462	-0.019900	-0.090991	-0.024645
	-0.016879	0.018451	-0.021199	0.020982	0.010582	-0.026873
	-0.024050	0.064014	-0.023255	-0.005293	-0.050020	-0.028295
	-0.013144	-0.065299	0.037173	0.055751	0.032283	-0.030728
	-0.027935					
x255	0.015439	0.054103	-0.032709	-0.005513	0.007295	0.023723
	0.025562	-0.043103	-0.039996	0.023423	0.053083	0.015354
	-0.020529	0.028621	0.000119	0.000711	-0.027903	-0.046324
	-0.054188	-0.007651	0.028076	-0.006493	-0.111235	0.032819
	0.004467	0.003821	-0.033112	-0.059721	0.000271	0.001753
	0.107349					
y255	0.004723	0.016044	0.070142	-0.045225	0.004593	-0.024097
	-0.018666	-0.039047	0.022729	-0.068516	0.022253	0.039829
	-0.005669	-0.083460	-0.002299	-0.006010	-0.040917	-0.051171
	-0.061951	0.008334	-0.045371	-0.026833	-0.015122	0.001924
	0.053393	0.038719	-0.015748	0.011621	0.091217	0.028347
	-0.007382					
z255	0.006767	-0.045297	0.050605	0.078052	0.051618	0.008174
	0.058685	0.013444	-0.054090	-0.012339	-0.088361	-0.019564
	-0.021709	0.017642	-0.032949	0.007994	0.005342	-0.033987
	-0.023100	0.074688	-0.007559	0.016496	-0.074442	-0.052078
	-0.001641	-0.059000	0.020080	0.064169	0.014465	-0.044603
	-0.038000					
x256	0.014884	0.068302	-0.031370	0.001066	0.006566	0.024703
	0.026003	-0.025222	-0.041633	-0.004819	0.049904	0.015448
	-0.015946	0.032072	0.015097	-0.011669	-0.015017	-0.032500
	-0.049628	-0.006666	0.030573	0.011270	-0.118604	0.023889
	0.004088	0.013663	-0.065774	-0.056390	0.026550	0.010398
	0.122907					

y256	-0.001549	0.006576	0.068123	-0.049277	-0.006319	-0.023621
	-0.022838	-0.046579	0.025472	-0.067964	0.012217	0.030501
	0.004225	-0.092673	-0.001132	-0.014171	-0.034578	-0.065874
	-0.069098	0.022030	-0.059898	-0.045094	-0.024978	0.008257
	0.036941	0.030633	-0.005904	0.007877	0.145769	0.044173
	-0.042722					
z256	0.014594	-0.025939	0.052178	0.091642	0.053968	0.008175
	0.059760	0.023894	-0.080998	0.004937	-0.067509	-0.014065
	-0.044937	0.017398	-0.058955	-0.010719	-0.012670	-0.022157
	-0.030565	0.082796	-0.003947	0.044495	-0.101776	-0.062511
	0.011376	-0.051318	-0.002866	0.094936	-0.012775	-0.087757
	-0.003150					

Canonical Variate Analysis: CVA ...RawData_Canals

Dataset: RawData_Canals

Classification criterion: environment

Groups Observations

1. 4
2. coastal 13
3. continental 8
4. marine 5
5. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.98664590	46.731	46.731
2.	2.01984474	31.604	78.334
3.	0.87236469	13.650	91.984

4. 0.51232116 8.016 100.000

Mahalanobis distances among groups:

	coastal	continental	marine	
coastal	2.9312			
continental	3.1480	3.8272		
marine	3.0002	3.3716	4.2839	
polar	4.7609	4.9986	5.9580	4.2758

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine	
coastal	0.7883			
continental	0.5862	<.0001		
marine	0.9679	0.0047	0.0009	
polar	0.3958	0.0084	0.0224	0.6164

Procrustes distances among groups:

	coastal	continental	marine	
coastal	0.0558			
continental	0.0885	0.0813		
marine	0.0716	0.0685	0.1069	
polar	0.1232	0.1134	0.1557	0.1093

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine	
coastal	0.9247			
continental	0.0483	0.0188		
marine	0.5258	0.4079	0.0095	
polar	0.2284	0.2295	0.0424	0.4076

Canonical coefficients:

	CV1	CV2	CV3	CV4	
x1	-4.5872		5.3712	-1.1600	4.5769
y1	-5.8821		-3.7587	1.8667	-2.5403
z1	-9.1731		-3.9191	-0.2990	0.6143
x2	8.0813		-5.1732	2.3723	-1.2900
y2	7.7599		-0.3216	3.4028	-4.1544
z2	4.6313		-5.7072	4.9294	6.6688
x3	6.8828		-2.9359	1.6730	-2.0771
y3	5.6056		1.4393	2.1707	-3.8829
z3	2.3850		-4.6967	4.7422	5.4520
x4	5.4775		-0.7339	0.0217	-2.2241
y4	3.5187		2.7270	1.9351	-3.3990
z4	0.0798		-3.0541	3.2737	4.2407
x5	5.2967		-0.0961	-0.6308	-1.4055
y5	1.6970		4.0027	1.8714	-3.1120
z5	-1.3492		-1.9537	1.8507	3.5016
x6	5.0378		0.7396	-0.5366	-1.3327
y6	0.1787		4.7880	1.0499	-2.4442
z6	-2.3726		-0.8045	1.2532	1.9862

x7	5.0193	1.0036	-0.0672	-0.3528
y7	-0.7841	5.3452	0.4789	-1.9565
z7	-3.1983	0.1279	0.8239	1.4029
x8	5.9450	0.6938	0.1033	0.3692
y8	-0.1118	4.5137	0.4886	-0.9129
z8	-2.2613	-0.6765	0.5678	0.8927
x9	7.3964	-0.0796	0.5199	1.3194
y9	1.2848	3.8329	0.4536	-0.1420
z9	-0.1222	-2.0375	0.3474	0.4372
x10	8.0834	0.0050	0.1046	2.0977
y10	2.6821	3.4222	0.3513	0.3857
z10	-0.0951	-0.8773	-1.8579	-0.9148
x11	8.6023	-1.3578	1.2975	3.4303
y11	4.8324	1.0996	0.7910	1.6384
z11	-1.0867	-2.3424	-1.5001	-1.1354
x12	6.2800	-3.6238	1.2306	2.5323
y12	3.3047	0.4652	1.1782	2.7792
z12	0.7857	-2.5145	-1.7109	-0.9234
x13	4.1548	-4.5268	1.3131	1.6349
y13	2.8411	0.0022	0.8742	2.8966
z13	2.7658	-2.3341	0.6405	-1.0145
x14	2.5772	-5.1956	1.1184	1.2826
y14	1.3826	-0.2749	0.1706	2.4841
z14	4.7586	-3.7271	1.6241	-0.2551
x15	0.8503	-5.6780	0.8934	1.2451
y15	-0.0832	-0.5429	-0.5947	1.9364
z15	4.0152	-2.8635	-0.3178	0.4713
x16	-1.7144	-4.6952	0.8430	0.4962

y16	-0.4368	-0.7155	-1.0614	1.4338
z16	4.5572	-3.3208	-0.0572	0.4652
x17	-3.1093	-3.5869	0.6087	0.2166
y17	-0.8450	-1.0210	-2.0383	0.4825
z17	3.6625	-2.5619	1.1410	1.6040
x18	-4.6480	-1.7115	0.2126	0.2270
y18	-1.1798	-0.4917	-3.8517	-0.4273
z18	3.2814	-3.0071	1.0928	1.5202
x19	-6.5680	0.4719	0.8359	-0.9627
y19	-1.0760	0.9052	-4.7196	-2.4305
z19	4.7527	-0.3474	1.8743	2.4239
x20	-8.1274	3.9788	0.6677	-0.3027
y20	-0.5030	1.7728	-5.6074	-3.7470
z20	3.7478	1.2342	2.8967	1.1181
x21	-4.9682	1.0736	-0.9172	-0.9149
y21	2.4881	-3.0257	-2.3663	-3.9128
z21	2.7052	1.8205	2.2891	0.8045
x22	-4.7978	0.6598	-2.0251	-0.4795
y22	4.1926	-4.5588	-0.4476	-4.4636
z22	3.0115	-0.7316	1.3655	0.4316
x23	-4.5271	2.0583	-3.1454	-0.4995
y23	5.5016	-4.4106	1.2663	-5.1427
z23	2.9868	-2.5430	-0.1131	-0.1072
x24	-3.7698	1.0298	-1.5597	0.7582
y24	6.9861	-5.1446	3.3358	-5.0404
z24	2.4365	-2.3138	-1.9664	-0.8192
x25	-1.8403	-1.7755	0.4805	1.2663
y25	8.6312	-7.8776	5.2772	-5.1079

z25	2.7770	-3.0523	-2.3674	-0.3269
x26	-1.9218	-3.1729	1.6874	1.5150
y26	7.3387	-7.6513	4.9522	-5.0190
z26	2.9340	-3.8176	-3.0136	-0.5896
x27	-5.9204	0.6646	1.5410	1.4437
y27	3.1375	-2.7518	2.5266	-5.6374
z27	3.1351	-4.6580	-3.5076	-0.6136
x28	-7.9107	2.6705	2.9383	2.0176
y28	-0.4745	2.1526	1.0242	-6.3423
z28	3.6808	-5.0762	-3.8259	-0.5937
x29	-3.5396	0.5391	7.4080	3.0695
y29	3.1076	2.7784	1.2464	-5.3094
z29	6.4720	-7.0852	-3.1746	0.3395
x30	-0.3471	-1.2019	10.2115	3.1220
y30	5.1149	0.6642	3.2565	-2.0201
z30	3.7720	-6.6983	0.3729	0.7956
x31	-0.0594	2.2751	11.6216	1.4938
y31	2.4822	3.8150	1.9241	-1.4566
z31	-2.7322	-1.8018	1.7548	-0.4515
x32	2.5695	2.8076	11.9473	0.6226
y32	2.4293	5.0736	0.4443	-0.9639
z32	-4.1464	1.0337	3.2335	-2.1980
x33	4.5771	1.8805	11.3029	0.3090
y33	2.2462	7.2396	-0.8626	-0.4708
z33	-3.3148	2.9657	1.6703	-2.8950
x34	4.9992	0.5368	10.2267	0.2477
y34	0.7454	8.1848	-0.5811	0.0235
z34	-4.3251	4.7317	2.2514	-3.0232

x35	5.1499	-1.7143	8.5701	0.1302
y35	-1.2145	8.9172	-0.0226	-0.0552
z35	-7.4611	7.1572	2.0032	-2.4376
x36	5.3872	-4.1554	6.1266	0.0626
y36	-3.8398	8.7402	0.2371	-0.3563
z36	-10.4561	8.4246	1.1877	-1.8551
x37	2.5806	-3.4172	1.3323	0.4572
y37	-5.4654	7.3484	0.6578	-1.5415
z37	-8.4642	5.4122	1.2509	-2.2089
x38	-3.9178	-4.6033	-1.0781	3.1719
y38	-7.0968	5.4958	-0.1502	-3.5594
z38	-4.7375	3.6800	-1.7271	-3.5464
x39	-6.1596	-3.6045	-0.7646	2.7732
y39	-7.4540	6.7134	-0.7992	-1.9218
z39	-1.9301	4.6654	-1.8656	-4.4854
x40	-7.5050	-3.3665	-0.7482	2.3516
y40	-7.6828	7.8036	-1.0344	-0.6269
z40	0.4984	5.0004	-1.3309	-4.7880
x41	-7.8804	-1.6801	-0.9076	1.2465
y41	-7.4870	7.7057	-0.9160	0.4371
z41	2.1722	4.2295	-0.5696	-4.3757
x42	-5.9822	-2.1885	0.0215	0.5399
y42	-7.2089	7.5409	-0.6622	0.8304
z42	3.0169	3.9403	-0.2958	-3.6463
x43	-4.1053	-2.6182	0.7964	0.1764
y43	-6.1721	6.4632	0.1267	0.7048
z43	3.7955	3.2040	0.0224	-2.7199
x44	-1.7117	-3.8679	1.4098	0.2524

y44	-4.1543	5.3237	1.1295	-0.0814
z44	4.4257	2.0026	0.5576	-1.2449
x45	2.3852	-5.0656	2.0422	-0.0011
y45	-0.8969	3.8760	1.7352	-1.3552
z45	4.7822	-0.3797	1.8563	1.2973
x46	6.2188	-6.1738	3.2906	-0.0682
y46	3.0926	2.0790	2.5165	-2.6942
z46	5.6378	-3.6827	3.7111	4.1880
x47	4.2520	6.3186	-5.9652	-4.1513
y47	-7.1205	5.8740	2.2460	2.6300
z47	0.0149	2.9503	8.7923	-0.3798
x48	2.6142	6.8892	-7.0395	-3.5651
y48	-5.8628	6.8279	1.4465	1.3186
z48	0.3578	1.6720	7.8074	-0.9042
x49	2.4545	6.3688	-6.7431	-2.1163
y49	-3.5247	6.1868	1.9392	1.0863
z49	1.0806	0.1999	7.2538	-1.0792
x50	1.3038	6.4599	-6.6906	-1.4478
y50	-2.9760	4.6881	2.3164	1.0763
z50	0.7821	-1.3847	6.5820	-0.8753
x51	0.2462	6.5444	-6.2340	-0.6583
y51	-2.7324	4.7938	2.7013	0.8183
z51	0.0851	-2.0221	5.7951	-0.7153
x52	-0.4522	6.7399	-5.9735	-0.4652
y52	-3.2432	5.3156	2.2609	0.5503
z52	-0.7812	-1.7672	4.1510	-1.0944
x53	-0.5001	6.5853	-5.1879	0.0703
y53	-3.6341	5.5985	2.5827	0.8296

z53	-1.9244	-1.5178	2.9891	-0.7163
x54	0.8292	5.6434	-3.6881	0.5158
y54	-3.1366	5.9053	2.8907	1.2189
z54	-2.5289	-0.8510	1.1419	-0.7298
x55	2.5987	4.9189	-2.0903	0.6938
y55	-1.4451	3.4610	3.9584	2.1972
z55	-2.8272	-2.2963	0.6438	-0.2306
x56	5.9792	2.9928	-0.3157	1.0542
y56	-1.7096	6.0841	2.6903	1.8162
z56	-4.7326	0.1170	-2.2917	-0.9889
x57	6.7543	2.1852	-0.8011	1.6859
y57	0.0010	3.7271	2.6476	1.8068
z57	-2.9104	-0.3346	-3.3308	-1.5167
x58	7.2939	1.2786	-0.7473	2.1223
y58	1.2197	2.1920	3.3181	1.6726
z58	-1.4846	-1.0880	-3.3849	-1.8494
x59	8.1154	-0.0878	-0.1715	2.3883
y59	1.5662	2.4700	2.0722	2.2167
z59	-0.5930	-1.3406	-3.9645	-1.8720
x60	7.3782	-0.6117	-0.0983	2.4773
y60	1.8070	0.6171	2.2743	2.3253
z60	0.4010	-2.7562	-3.4508	-1.2318
x61	6.3861	-0.9840	0.3254	2.6105
y61	3.2279	0.1319	2.2118	1.6569
z61	1.6013	-3.2367	-3.0943	-1.6166
x62	6.0699	-2.3168	1.4485	2.7034
y62	3.1873	-0.2069	2.2801	1.3407
z62	1.5245	-3.0780	-2.7289	-1.9949

x63	4.0338	-1.8417	2.6327	2.2686
y63	3.2125	-1.5387	1.6931	1.5874
z63	2.7150	-4.4312	-2.2760	-1.0062
x64	1.4907	-1.8423	3.7603	1.8839
y64	3.9846	-1.4946	0.6465	1.4784
z64	4.6211	-5.3165	-1.7244	-0.5255
x65	0.3086	-3.3961	5.7289	1.8811
y65	1.5384	0.1800	-0.3835	0.2980
z65	4.3373	-4.6198	-1.0393	-0.6752
x66	-0.4269	-0.3465	4.1322	0.4712
y66	0.0170	1.0073	-1.3110	-0.6894
z66	3.0579	-4.2049	-1.9716	-1.3946
x67	-0.3359	0.9241	2.9365	-0.7146
y67	-1.5094	3.1499	-1.3762	-1.2241
z67	1.5421	-2.0329	-2.2908	-1.4745
x68	-1.1045	2.4886	1.6295	-1.7729
y68	-1.6150	3.5442	-0.6215	-1.1970
z68	0.9328	-1.2429	-2.1438	-1.1216
x69	-1.8971	3.6913	0.4657	-2.4764
y69	-0.9440	3.6114	-0.1230	-0.9735
z69	0.8992	-0.6404	-2.1222	-0.9758
x70	-2.7843	4.4657	-0.4486	-3.1622
y70	0.6597	2.3657	1.0812	0.0763
z70	1.1550	-0.6000	-1.3234	-0.0687
x71	-3.9748	4.5666	-0.4886	-2.7009
y71	2.0399	1.8991	0.9388	-0.1525
z71	2.0109	-0.4625	-1.1226	0.0072
x72	-4.0657	2.8312	-0.0867	-1.5492

y72	2.5798	1.8172	1.5013	0.1718
z72	1.6727	0.8833	-0.8399	0.1464
x73	-3.7625	1.6576	0.4069	-0.6035
y73	1.9593	1.1987	1.6103	0.2919
z73	1.0399	1.1628	-0.5942	0.7173
x74	-2.5626	-0.9342	1.7011	0.8422
y74	1.1923	1.1327	1.5559	0.6202
z74	-0.3228	2.2103	-0.5210	1.0522
x75	-0.9180	-2.0704	1.2703	1.7469
y75	-0.6342	1.3916	0.3852	1.1645
z75	0.8350	2.1863	-1.1193	1.7859
x76	0.5450	-2.4550	1.3691	1.8388
y76	-2.8800	1.8198	-1.4506	2.1780
z76	1.5778	1.5379	-1.3481	2.1415
x77	1.9477	-1.8601	0.4177	1.7448
y77	-4.6778	0.6525	-1.2208	2.6047
z77	1.2739	1.6607	-1.8004	2.6268
x78	1.5585	-0.7085	-0.2192	1.3315
y78	-5.1814	-1.0354	-0.9639	2.7545
z78	1.2772	1.7419	-2.4294	3.0898
x79	0.7539	-0.6781	-0.0622	1.4044
y79	-5.2836	-1.6703	-1.4913	2.3570
z79	0.7796	2.5332	-2.9197	2.7821
x80	-0.0283	-0.2773	-0.2623	1.3548
y80	-5.3940	-2.7150	-1.0076	1.4398
z80	-0.6783	4.1519	-3.9785	2.1647
x81	-1.1851	2.1673	-1.2723	1.2938
y81	-5.1533	-6.1599	0.4022	0.3027

z81	-2.2637	4.7819	-4.2705	1.3897
x82	-1.6775	3.2671	-2.7637	1.3162
y82	-5.3178	-8.4694	2.7109	-1.2947
z82	-4.7196	5.7014	-4.3243	0.1170
x83	-3.1193	3.9474	-3.3536	0.1682
y83	-5.3487	-9.8991	4.2402	-2.0710
z83	-7.7731	7.9102	-4.5077	-1.3568
x84	-3.2035	-3.7659	-2.1055	-0.3885
y84	2.1923	-4.5944	0.4325	4.8752
z84	-0.1837	-3.9662	2.6953	-2.5830
x85	-2.2282	-2.7966	-1.7472	-2.1770
y85	0.0992	-5.0183	-0.2977	4.9539
z85	0.4234	-3.8646	3.8782	-4.1119
x86	-1.7667	-2.8137	-1.2336	-2.7892
y86	-1.2690	-4.6551	-1.1921	3.4639
z86	1.2692	-3.1839	4.7028	-5.9338
x87	-1.1744	-4.4665	-0.3270	-2.5502
y87	-1.4512	-2.5143	-2.3297	1.3715
z87	2.6225	-3.6769	5.6696	-7.0840
x88	-1.8031	-3.8117	-0.3837	-2.6427
y88	0.5199	-3.0129	-2.4194	0.0876
z88	2.6471	-3.0118	5.9497	-7.2021
x89	-2.1000	-3.9663	-0.3690	-2.2241
y89	0.7772	-1.2936	-3.2112	-0.8529
z89	2.3952	-2.1254	5.3117	-6.0714
x90	-1.9259	-3.9258	-0.0974	-1.9586
y90	0.1993	0.2562	-3.9102	-1.3670
z90	3.2733	-1.4014	5.4571	-4.9007

x91	-2.2345	-2.9563	-0.9329	-0.0656
y91	0.6876	0.4753	-3.6874	-3.8157
z91	3.0606	-0.7073	4.8157	-3.4031
x92	-2.9992	-2.8414	-1.1028	0.1391
y92	2.3793	1.0103	-3.1337	-2.9491
z92	2.7632	0.2751	4.1469	-3.3932
x93	-3.0741	-1.9797	-0.9848	0.8426
y93	3.3797	1.2023	-2.6785	-2.6387
z93	2.6496	1.8488	3.2328	-2.3583
x94	-3.4079	-1.1064	-1.1884	1.0620
y94	4.4167	1.2584	-3.4433	-2.4080
z94	1.9806	1.9031	3.6484	-1.5353
x95	-2.9814	-1.3289	-1.2492	1.7014
y95	4.5703	1.8162	-4.0038	-2.1434
z95	1.9463	0.6117	3.6159	-0.5160
x96	-2.6907	-0.3366	-1.1191	2.0087
y96	4.3104	1.0059	-4.5219	-1.6826
z96	1.9214	1.6460	3.5755	-0.0632
x97	-2.8014	1.0621	-1.4513	2.4184
y97	4.5596	0.1258	-4.4960	-1.4108
z97	0.4575	2.9769	2.8066	0.8654
x98	-2.4024	1.1965	-0.6931	2.9142
y98	4.5209	-0.8633	-4.7326	-1.0877
z98	-1.0847	3.3592	2.6272	1.8199
x99	-1.3018	1.1781	0.4834	2.9200
y99	3.4677	-1.1823	-5.3262	-0.9071
z99	-1.5984	3.0338	3.4606	2.0664
x100	-0.5230	1.8175	1.0927	2.6772

y100	2.0541	-1.4598	-5.7934	-0.8096
z100	-3.2137	4.3232	2.9792	1.7856
x101	0.5636	1.3717	2.2680	3.2250
y101	0.3402	-1.8926	-6.3149	-0.4903
z101	-4.8627	3.4540	3.2108	3.3223
x102	2.4161	0.7010	3.8467	3.5960
y102	-1.7576	-2.4918	-6.9083	-0.3701
z102	-5.1328	2.5037	3.4338	3.8496
x103	2.9979	0.2442	4.5878	4.0062
y103	-1.1325	-3.7959	-4.5849	0.8033
z103	-5.6944	2.1786	3.3102	3.4110
x104	3.3468	-0.1473	5.1565	4.1447
y104	-0.3925	-4.8170	-2.3144	1.7720
z104	-4.8628	2.5849	3.3118	2.6997
x105	2.8606	0.1433	4.6079	4.6979
y105	-0.3548	-5.2478	-0.8461	2.7503
z105	-5.4295	3.0022	1.8337	2.9334
x106	2.2683	0.0186	3.0429	4.8468
y106	-1.0563	-5.3531	-0.3233	3.2044
z106	-6.0836	3.2491	-0.8916	2.8141
x107	1.8596	-0.4808	3.0498	4.8203
y107	-2.1924	-4.4751	0.0523	3.0623
z107	-5.9602	3.8028	-1.8852	2.6715
x108	2.8272	-1.4433	3.8007	3.3590
y108	-2.0657	-4.5467	1.5108	1.6782
z108	-4.0813	3.3741	-1.8220	1.8324
x109	2.6695	-1.6458	3.7845	2.2433
y109	-3.1228	-3.7981	2.8534	1.2329

z109	-4.1590	4.1800	-2.3064	1.6631
x110	1.1291	-1.3127	2.0720	1.9892
y110	-6.2589	-1.2991	0.9774	1.0124
z110	-3.8221	4.2350	-3.2697	1.8437
x111	0.6972	-1.7162	1.3342	1.2998
y111	-7.6086	-0.0506	0.5798	0.9250
z111	-2.8028	4.1608	-3.4528	2.0539
x112	1.0968	-2.8200	1.6943	-0.1438
y112	-9.1429	2.5905	-0.4737	-0.1383
z112	-0.7260	4.1714	-2.9177	2.4666
x113	2.6581	-4.3422	2.0750	-1.7231
y113	-7.8342	1.9372	-0.5769	-0.2309
z113	1.3412	4.3123	-2.0391	2.1752
x114	1.4390	-5.4322	4.6476	-3.0475
y114	-8.1350	2.0856	1.3337	-2.0191
z114	3.0632	3.9075	-2.0955	2.6663
x115	1.1142	-6.5435	5.5958	-4.1945
y115	-6.9849	1.6917	1.5278	-2.8595
z115	4.4515	3.5016	-2.1071	2.6452
x116	2.5057	-5.3153	3.5516	-6.0838
y116	-5.0658	2.8172	1.0350	-3.8066
z116	5.1060	1.5921	-0.6907	2.9374
x117	-0.0915	-4.8323	4.5721	-6.0420
y117	-3.1147	3.7306	0.6006	-5.1717
z117	6.7612	0.4962	-1.6368	3.1829
x118	-0.3697	-4.2198	3.8765	-6.6266
y118	-0.1764	4.3460	-0.4495	-6.3240
z118	5.7882	-0.0273	-2.5799	4.1505

x119	-1.3850	-2.8896	0.3968	-6.5028
y119	3.0916	6.7414	-2.3911	-7.5274
z119	3.3683	-0.5955	-1.0139	4.5484
x120	-3.7281	2.3513	-3.7119	-7.5040
y120	8.9704	5.6893	-1.6332	-9.1539
z120	2.4629	-4.4139	1.3228	4.6635
x121	-0.0981	0.5618	-1.7958	-8.4004
y121	9.8831	5.8688	-2.6158	-8.3457
z121	4.2705	-8.3257	3.3542	2.7872
x122	2.5013	-0.2311	-2.0732	-9.3938
y122	10.4845	4.9810	-2.0687	-7.1174
z122	5.6768	-10.9205	5.5817	1.2381
x123	3.3877	-1.5233	-2.0542	-9.6819
y123	11.6796	4.2914	-1.6799	-5.7415
z123	7.3215	-12.1303	7.2300	-0.1128
x124	4.7310	-2.5628	-1.3584	-9.5805
y124	11.3068	3.1246	-1.7292	-4.1086
z124	7.4292	-12.8740	7.5039	-1.0348
x125	4.1741	-3.0209	-0.6987	-9.0735
y125	11.4555	2.2615	-2.2186	-2.0687
z125	8.0466	-13.0147	7.1627	-1.3579
x126	2.1270	-2.0737	-0.7871	-8.1025
y126	11.6393	-0.6944	-1.5400	0.1998
z126	8.3553	-13.7158	7.1818	-1.2693
x127	0.4409	-2.3601	-1.3916	-6.3589
y127	9.9105	-2.2135	-0.8242	2.0177
z127	6.3029	-11.7767	6.4317	-1.4359
x128	-0.1541	-4.4804	-1.3910	-3.6485

y128	4.7726	-1.5108	-1.0276	3.3766
z128	1.8701	-6.9475	4.0210	-1.8732
x129	-7.0162	4.1201	-3.1342	1.5948
y129	1.6774	-1.7325	5.5641	-0.4057
z129	-9.7982	0.2349	-2.3951	-2.8139
x130	-6.2072	2.6312	-1.7846	1.6855
y130	-2.4876	0.0664	6.0449	0.0690
z130	-6.1738	-0.6523	-0.2786	-1.8709
x131	-5.4980	3.1542	-2.7394	1.0869
y131	-7.6839	5.3513	4.1966	0.3748
z131	-1.8613	-2.5949	1.4872	-1.0829
x132	-4.7364	2.0357	-3.0706	0.4015
y132	-8.5277	3.4998	3.7911	1.1308
z132	-2.4768	1.1433	1.5850	-1.1218
x133	-1.8935	0.6890	-3.5810	-0.5022
y133	-5.6515	1.1858	2.7382	0.8351
z133	-3.1517	3.8322	1.6295	-1.2523
x134	-0.3600	-0.1028	-3.5854	-0.3532
y134	-7.1693	2.8107	1.1098	1.1657
z134	-1.8261	3.6240	1.7941	-1.4720
x135	1.1524	-1.5394	-2.5803	-1.5824
y135	-8.9751	4.4462	0.2724	0.5031
z135	0.1616	2.8576	1.2618	-1.2403
x136	2.9511	-2.7180	-2.1237	-1.9644
y136	-7.9605	4.1716	0.3046	0.9636
z136	1.0858	1.8528	0.6563	-1.6001
x137	4.4586	-3.9980	-2.0466	-2.0485
y137	-7.3575	4.4681	-1.3706	1.2463

z137	1.5817	0.7487	-0.0166	-2.1103
x138	5.9672	-5.4963	-1.9157	-2.5497
y138	-6.1779	4.0329	-2.9017	1.3045
z138	1.9389	-0.8958	-0.9197	-2.2804
x139	5.0326	-5.2157	-1.4242	-0.9127
y139	-5.9755	4.6680	-3.1599	0.7467
z139	0.2430	-1.9427	-0.3399	-1.6948
x140	4.2026	-6.0790	-0.6751	0.2102
y140	-6.1610	3.1013	-2.6135	0.4137
z140	-0.4281	-1.9052	-0.0780	-1.0880
x141	2.7951	-3.7305	-0.6533	0.9367
y141	-6.2694	4.8871	-2.3724	0.3621
z141	-0.7295	-4.9687	0.8046	-0.5390
x142	1.8564	-2.8582	0.0093	1.5017
y142	-6.1844	4.5146	-1.1277	0.6930
z142	-0.7601	-5.5365	-0.0222	-0.8868
x143	1.9686	-3.2200	0.3560	1.4590
y143	-4.4648	2.9083	-0.7513	0.8247
z143	-2.4871	-3.0767	-1.1793	-1.2128
x144	1.7601	-2.6929	0.9066	1.1071
y144	-4.9145	2.9077	-0.1389	1.0242
z144	-2.5510	-1.9180	-2.1125	-1.4416
x145	0.9448	-1.0304	0.0615	0.4392
y145	-5.4016	3.7928	-0.6265	0.6113
z145	-2.4952	-2.7800	-0.5584	-1.2427
x146	0.4627	0.9151	0.3744	0.0163
y146	-6.3805	5.2675	-1.0331	0.0719
z146	-1.2240	-2.9372	-1.0191	-2.1216

x147	0.8959	2.1812	0.5574	-1.3036
y147	-6.5354	6.1574	-1.3509	-0.1938
z147	-1.8799	-2.3008	-1.3818	-2.0193
x148	0.0554	3.0409	0.5852	-0.7115
y148	-5.4407	4.7978	-1.1783	-0.4191
z148	-2.6062	-1.3893	-1.1934	-1.4705
x149	-0.6776	4.1333	0.4770	0.3632
y149	-4.1137	3.5532	-1.0743	-0.5839
z149	-3.1187	-1.9880	0.1395	-1.0315
x150	-1.1926	4.6723	0.5624	0.7015
y150	-3.0947	2.8651	-1.0838	-0.8955
z150	-3.2516	-1.2071	0.2356	-0.1373
x151	-1.3846	5.6437	0.6497	0.9578
y151	-2.3683	2.0620	-0.6873	-1.1749
z151	-3.6770	-2.2312	1.4597	0.8750
x152	-1.5728	6.4951	0.4787	0.8306
y152	-1.5431	2.1429	-0.7225	-1.5294
z152	-3.7281	-2.3294	1.8284	1.8852
x153	-2.1180	8.7253	0.1248	0.5942
y153	-1.0769	2.3850	-0.5698	-1.8369
z153	-2.6576	-4.1723	2.0159	2.5266
x154	-2.9610	10.6704	-0.4983	0.9252
y154	-1.3208	2.9982	-0.6539	-2.5346
z154	-1.5772	-5.8285	2.7453	3.2228
x155	-2.3499	10.4346	-0.3773	0.9126
y155	-1.2901	4.1018	-0.5720	-2.8696
z155	-1.7191	-5.2638	2.8796	4.0346
x156	-2.3484	11.8169	-0.9937	0.4154

y156	-2.4995	7.6377	0.2702	1.6532
z156	-0.1951	-8.4257	3.7451	2.1936
x157	-1.4801	8.3477	0.0822	1.0873
y157	-1.6143	2.5975	1.1148	2.6653
z157	-0.2570	-5.0250	2.5371	-0.4864
x158	-0.0344	5.9186	-0.2901	1.1217
y158	-1.3181	-2.1353	2.8324	3.9045
z158	-0.7389	-2.7654	2.5213	-1.7160
x159	0.4357	4.0200	0.4898	2.1203
y159	-0.3924	-5.5461	3.3395	3.9324
z159	-0.6757	-1.2056	1.0938	-3.6968
x160	-0.0734	4.1082	0.8385	1.7032
y160	-0.5004	-8.0403	3.7666	4.2082
z160	-1.1204	-0.4879	0.3156	-4.2673
x161	0.2635	4.2632	0.3807	1.7469
y161	-0.9999	-10.3318	4.1333	3.7122
z161	-2.1844	1.1505	-0.9094	-4.4608
x162	1.9360	4.7855	1.0924	0.1007
y162	-2.0441	-12.9450	4.8858	3.1949
z162	-2.8759	1.2147	-0.9701	-4.4859
x163	0.5013	4.8788	1.0121	-0.4098
y163	-2.8453	-12.5100	3.7090	1.8219
z163	-3.8818	3.4862	-2.1348	-4.4342
x164	-1.1879	5.5579	-1.8967	0.5610
y164	-4.4087	-12.4434	4.1300	-0.1322
z164	-6.0769	6.0402	-3.3432	-3.1089
x165	-3.1193	3.9474	-3.3536	0.1682
y165	-5.3487	-9.8991	4.2402	-2.0710

z165	-7.7731	7.9102	-4.5077	-1.3568
x166	3.7720	-1.2843	2.0586	-4.2105
y166	-0.1546	-4.2376	0.2022	6.4040
z166	-5.2241	0.8468	-3.5245	4.3223
x167	4.4886	1.2606	0.8898	-3.0976
y167	1.1864	-5.1479	1.0479	5.9150
z167	-4.7491	1.3631	-2.7723	2.3623
x168	3.2791	3.3547	-0.5897	-2.3458
y168	2.2746	-6.3681	3.1070	5.2929
z168	-3.3781	2.2184	-2.4902	1.0353
x169	1.6904	3.9890	-1.4123	-1.5736
y169	3.6262	-7.3233	4.7722	4.7990
z169	-1.8323	3.1867	-2.3711	-0.3976
x170	1.1070	4.7104	-1.2464	-0.4718
y170	4.0711	-7.9351	5.6935	4.1419
z170	-1.0524	3.2986	-1.7912	-1.3302
x171	1.6918	2.8388	0.3511	0.4664
y171	3.5372	-6.4747	4.8446	3.4127
z171	-0.1535	3.4855	-1.4805	-2.0327
x172	1.3636	3.1743	0.7336	1.4452
y172	3.5316	-6.4465	4.2724	2.6310
z172	0.4732	3.8332	-1.3242	-2.1703
x173	-0.0970	3.4958	0.1378	2.4493
y173	3.9131	-6.8127	4.7457	2.0905
z173	0.7158	4.5768	-1.0174	-2.4023
x174	-0.8482	1.8741	0.6005	3.0735
y174	4.0824	-6.4508	4.1720	1.8518
z174	1.0076	4.8502	-0.7911	-2.2111

x175	0.1560	-0.9022	1.2244	3.1023
y175	1.2877	-3.4657	3.0037	1.7508
z175	2.6032	3.2734	-0.3595	-1.5608
x176	0.2998	-2.6557	1.9861	2.9107
y176	1.5778	-3.7387	2.0133	1.5501
z176	2.2166	2.2794	0.3251	-1.6459
x177	0.4080	-3.6878	1.8147	3.1202
y177	1.4096	-3.8155	1.0430	1.1915
z177	1.9958	1.1657	0.9666	-1.5347
x178	0.8730	-4.2885	0.5833	3.4529
y178	0.7574	-3.6473	0.8698	0.4182
z178	1.9765	0.2623	1.5156	-1.4031
x179	0.9571	-4.4619	-0.9822	3.4004
y179	0.5871	-3.8121	1.0222	0.0301
z179	1.8150	-0.1536	1.7724	-1.1440
x180	-0.2172	-4.4778	-1.9481	3.7424
y180	1.8291	-4.0971	0.7376	-0.6183
z180	1.4393	-0.2616	1.9589	-0.6590
x181	-0.1285	-4.7876	-3.7281	3.2788
y181	0.8636	-2.8027	0.7548	-0.4545
z181	1.3039	-0.3158	1.6147	-0.3218
x182	0.0466	-3.3597	-6.1842	2.8764
y182	-0.8009	-3.2527	1.1892	-0.3961
z182	1.3498	0.1572	1.1254	0.4491
x183	-0.3239	-2.3555	-8.3582	2.3894
y183	-1.7873	-2.7724	0.9799	-0.3028
z183	1.1887	0.9378	0.3288	1.1624
x184	-3.2523	-5.9920	-2.0068	4.3417

y184	-1.5462	-2.0972	1.1726	-0.7299
z184	0.8926	0.9838	0.9966	2.3591
x185	-1.8601	-5.8181	-1.6535	2.2337
y185	-1.4292	-1.0082	1.2501	-1.7121
z185	0.7626	1.3444	-0.8228	2.0054
x186	-0.5151	-5.4499	-1.2950	0.3364
y186	-2.4553	1.2113	-0.1068	-2.7233
z186	0.7941	1.5198	-2.5269	1.6546
x187	0.2967	-4.8803	-1.1294	-1.2142
y187	-3.4240	2.7310	-1.6168	-3.3565
z187	1.1940	1.9022	-3.8371	1.1828
x188	0.6135	-4.3881	-0.7629	-2.3476
y188	-3.2401	1.6211	-1.1545	-2.8984
z188	1.3190	1.4845	-3.4789	1.4751
x189	0.6656	-3.8151	-0.1828	-3.0908
y189	-2.3239	1.8392	-1.4395	-3.0391
z189	1.8985	0.8315	-2.5100	1.4823
x190	1.3452	-2.9381	0.0798	-3.7431
y190	0.0400	2.3086	-1.7280	-2.5426
z190	2.5284	1.0372	-2.2342	1.3698
x191	-0.5106	-2.2401	0.9614	-3.4940
y191	-1.0087	2.5836	-2.3523	-2.0644
z191	1.2213	0.5230	-0.2805	1.6745
x192	-1.2465	-0.9637	0.6247	-3.6986
y192	0.3237	2.5518	-4.3002	-1.9473
z192	1.1850	0.6841	0.5489	1.2298
x193	-2.8631	-0.8219	2.1239	-2.8639
y193	1.9406	0.7135	-4.9082	-0.2801

z193	-0.0254	0.7558	2.3356	1.4519
x194	-0.3466	-0.1687	0.0736	-2.7712
y194	2.5922	1.3717	-6.6609	3.0508
z194	0.9928	2.8386	0.1292	-1.7283
x195	-0.1010	0.4721	-1.3215	-2.2021
y195	1.1217	2.5485	-7.9157	5.2275
z195	1.2387	4.2921	-0.9182	-4.0307
x196	1.1148	0.3057	-0.8907	-2.2518
y196	1.0300	1.7620	-6.9548	5.8160
z196	1.4426	5.0519	-1.5461	-6.1204
x197	1.0230	1.4778	-1.1389	-1.3116
y197	0.0432	1.7822	-6.9851	6.6643
z197	1.4611	5.3717	-1.9075	-7.1996
x198	1.2275	2.0212	-2.0031	-0.7531
y198	0.2499	-0.3363	-6.4155	6.4649
z198	0.3826	5.2467	-1.7689	-7.0380
x199	1.7208	3.9502	-2.7680	-0.2789
y199	-0.2614	-1.8204	-5.2792	5.5793
z199	-1.3118	5.2689	-1.1186	-5.4849
x200	2.8485	2.8172	-2.0054	-0.0246
y200	-0.0337	-5.6066	-3.4969	4.1451
z200	-2.6257	3.2605	0.2275	-2.5675
x201	2.5035	1.7028	2.7085	0.2766
y201	-0.4065	-7.1666	-0.5887	1.1632
z201	-4.2390	1.4509	5.4182	0.9028
x202	3.7813	2.0079	4.4316	0.9523
y202	-0.7413	-8.7838	1.0034	-2.5162
z202	-5.4016	-0.5852	7.4724	4.7629

x203	1.9426	2.2907	2.3334	2.1482
y203	0.1577	-7.8894	-2.0141	-2.9651
z203	-6.4633	4.8907	1.9950	5.4586
x204	-0.9413	0.2741	1.6600	3.1731
y204	0.1023	-8.0380	-3.8216	-4.0829
z204	-6.9373	7.6555	0.4722	5.9419
x205	-2.7486	-1.8985	2.0023	4.1846
y205	0.0367	-7.5596	-5.6636	-4.0297
z205	-8.4763	8.9458	-0.3735	6.6502
x206	-2.9763	-3.2408	2.5780	4.5599
y206	0.5565	-6.9808	-6.2179	-3.4368
z206	-9.1358	9.1922	-1.8474	8.8188
x207	-2.8113	-3.8738	2.8191	4.8199
y207	0.4174	-6.7669	-5.5958	-2.7465
z207	-7.8862	7.6549	-3.0047	8.5832
x208	-1.9978	-3.4485	3.0570	4.7366
y208	-0.2345	-5.8731	-4.4388	-2.3496
z208	-5.5682	4.6842	-3.5028	8.1688
x209	-1.4815	-3.0378	4.0420	5.3511
y209	-2.0170	-5.6017	-2.1838	-1.3810
z209	-0.2698	2.9924	-4.3510	5.8380
x210	0.2036	-2.3448	4.5140	5.6610
y210	-3.7311	-5.4962	0.5098	0.1796
z210	3.4410	1.6980	-3.6529	3.6095
x211	6.9284	-3.8669	2.9660	3.0805
y211	-3.7615	-5.7255	2.9209	1.4992
z211	5.2358	1.7477	-1.0570	3.0517
x212	3.2893	-3.3997	2.5974	1.7545

y212	0.3001	-6.4595	3.2714	0.8642
z212	3.9790	3.6275	-1.6255	1.8439
x213	-0.0021	-2.6882	1.8249	0.4085
y213	3.5362	-5.9921	3.1694	0.0477
z213	3.2915	4.0938	-1.3288	1.4605
x214	-2.6752	-2.0701	1.5184	-0.8801
y214	5.9337	-5.3181	2.6567	-0.5522
z214	2.5960	4.2954	-1.1346	1.4824
x215	-4.9177	-0.8324	1.1523	-1.4398
y215	6.9803	-4.6948	2.0921	-0.2391
z215	2.2362	3.8628	-1.2421	1.0166
x216	-5.0581	-1.0614	2.0161	-1.9031
y216	6.7414	-5.5218	3.2176	1.0522
z216	1.0477	4.8773	-3.0951	0.6470
x217	-3.6615	-1.5962	1.9370	-2.6603
y217	7.0099	-5.3610	2.5515	1.6052
z217	-1.3237	5.2421	-3.3278	1.3087
x218	-1.2364	-2.5940	5.5621	-3.2777
y218	4.5219	-5.3740	2.2691	3.2071
z218	-3.2049	5.3833	-6.0668	1.7062
x219	1.3736	-2.7225	4.0821	-4.1782
y219	2.6737	-4.1834	0.6667	4.1660
z219	-4.6049	3.8704	-4.4373	2.8436
x220	-0.8255	-6.5341	-2.4863	-0.0885
y220	-2.8586	4.2829	-2.4750	0.7292
z220	-1.1983	-0.3317	1.9480	0.2796
x221	-0.7035	-2.7904	-4.1665	0.4266
y221	0.0444	6.1047	-1.0138	1.6901

z221	-3.1087	-1.2552	1.3849	1.1167
x222	-0.5854	1.4544	-5.4776	1.3406
y222	2.4483	6.8761	0.4854	2.3573
z222	-4.5994	-1.4738	0.8440	2.0274
x223	0.5674	1.6545	-4.0507	1.5093
y223	4.1070	7.0260	1.7618	2.7270
z223	-4.3350	-3.4447	1.4764	2.5731
x224	1.1550	1.9449	-3.1824	2.3260
y224	5.1673	6.8229	2.5457	3.0033
z224	-3.5165	-5.0009	1.7432	3.3438
x225	0.8345	1.0982	-2.3820	1.7978
y225	5.3952	6.4679	2.6519	2.9008
z225	-3.1837	-5.8654	1.3383	2.5825
x226	-0.5268	3.2789	-2.8249	1.3009
y226	5.0859	5.6221	2.4889	2.6173
z226	-3.3374	-3.6677	0.4752	1.7488
x227	-2.0474	4.1007	-4.0674	1.5199
y227	3.6646	4.3202	1.8424	2.1617
z227	-2.9912	-2.1261	-1.3390	1.6945
x228	-2.3684	3.9566	-4.3053	1.1541
y228	1.4988	2.5778	0.8255	1.2497
z228	-0.6487	-0.6791	-2.2315	0.8012
x229	-3.1012	1.2765	-3.4273	0.2187
y229	-1.0474	0.2573	-0.1086	0.0116
z229	1.5975	-0.4335	-1.9291	-0.1016
x230	-3.7779	0.0251	-3.3455	0.9436
y230	-1.7050	-0.6090	-0.3069	-0.1802
z230	2.3415	-1.5191	-1.9010	-0.1700

x231	-4.1219	-0.9526	-2.6725	1.3380
y231	-2.2014	-1.0985	-0.7763	-0.6228
z231	3.0028	-2.8002	-1.2922	-0.9153
x232	-4.5479	-1.0892	-2.0269	1.3160
y232	-2.1324	-1.6989	-1.1120	-0.7290
z232	3.1792	-2.7200	-0.6202	-1.3090
x233	-3.9884	-1.7332	-1.3419	1.1873
y233	-2.6424	-0.8824	-1.9943	-1.1340
z233	4.6333	-3.9426	-0.2964	-1.7626
x234	-4.4789	-0.9492	-1.6852	1.2888
y234	-1.6807	-1.5142	-1.8419	-1.2026
z234	4.6636	-3.2314	-0.9061	-2.0082
x235	-4.8880	-0.2958	-2.3489	1.2625
y235	-0.9021	-1.2816	-1.6872	-1.4052
z235	3.4672	-2.9923	-1.6365	-1.8643
x236	-4.8413	0.7204	-2.3705	1.0352
y236	0.1320	-0.8232	-1.6798	-1.6850
z236	2.0905	-2.8755	-0.8680	-1.9693
x237	-3.9679	1.9226	-3.2955	0.7278
y237	0.5290	0.0563	-1.4111	-1.8741
z237	1.4325	-3.2088	-1.1685	-2.0077
x238	-3.4084	3.8729	-3.6853	0.3722
y238	1.2532	0.7499	-1.7017	-1.9180
z238	0.5849	-2.7738	-0.7891	-2.0366
x239	-2.6361	3.4321	-2.0896	0.5250
y239	1.2120	-0.2777	-0.2379	-1.2453
z239	-0.2757	-0.6838	-2.1075	-2.4281
x240	-2.0551	2.3079	-0.2977	0.6504

y240	1.6112	-0.7448	0.2964	-0.8967
z240	-0.9164	-0.3791	-2.2684	-2.1659
x241	-0.8717	1.5884	0.8044	0.5916
y241	1.6790	-1.1206	0.6624	-0.7173
z241	-0.0416	-0.2313	-2.9450	-2.0254
x242	-0.0279	1.0983	1.5924	0.2006
y242	1.5829	-0.9726	0.2553	-0.6486
z242	0.7353	-0.6001	-2.2807	-1.3974
x243	0.3224	0.4077	2.1678	-0.1922
y243	0.7255	-0.0446	0.5018	-0.4482
z243	1.6889	-2.4154	-1.7130	-0.0990
x244	0.9380	0.7680	2.0412	-0.7324
y244	1.6153	-1.2472	1.5150	-0.6045
z244	-0.2429	-1.0003	-2.7675	1.2482
x245	1.6492	0.7650	1.7859	-1.6623
y245	2.4944	-2.0011	0.3997	-0.6771
z245	-0.9296	0.5888	-2.3896	1.6302
x246	1.7994	1.2672	0.9800	-2.5445
y246	2.1224	-2.0671	-0.2529	-0.3222
z246	-0.7062	0.7746	-2.0516	2.4706
x247	1.8637	2.4506	-0.1500	-4.0183
y247	2.5521	-2.0501	-0.4285	-0.2914
z247	0.1201	0.0131	-1.7283	3.5056
x248	1.5394	1.1089	-1.3687	-4.2695
y248	3.3558	-2.5791	-0.3262	-0.1901
z248	0.0973	1.1967	-2.1169	3.1575
x249	0.4597	0.5010	-2.5383	-4.1552
y249	3.0364	-1.9638	-0.5960	0.0673

z249	0.3471	1.5527	-2.6048	2.2859
x250	0.8215	0.2462	-3.4817	-3.8867
y250	3.1957	-1.3749	-0.3217	0.2404
z250	0.0730	1.6485	-3.0566	1.6326
x251	-0.5221	1.5765	-4.7454	-3.7938
y251	3.7325	0.6108	-1.4559	0.0748
z251	1.3975	-0.1314	-2.3664	1.2185
x252	-1.6758	1.9315	-5.2074	-3.8111
y252	3.7731	-0.1411	-0.0429	1.6482
z252	2.9944	0.8798	-3.5389	0.0416
x253	-0.7440	1.5484	-5.1738	-4.4065
y253	6.0679	-1.6305	0.6417	2.3648
z253	1.1224	3.0797	-4.8732	-0.4671
x254	-3.3872	4.1066	-6.1328	-3.7717
y254	2.2462	1.6498	1.1665	3.8665
z254	7.2525	-1.9907	-4.5213	-1.3071
x255	-3.9514	6.0765	-6.6355	-2.9759
y255	5.4909	-1.4300	2.1898	5.7090
z255	7.3088	-2.3388	-4.7271	-2.7834
x256	-4.9418	7.6101	-7.2031	-1.8146
y256	8.7308	-5.1015	2.8181	8.4100
z256	5.6851	1.9058	-5.9178	-5.8293

New Procrustes fit:

Dataset 'RawData_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.04172593	-0.02923168	-0.00750795
2	-0.04251908	-0.05420257	0.00304005
3	-0.04126847	-0.05484209	0.00008498
4	-0.03910023	-0.05562181	-0.00249340
5	-0.03642497	-0.05634588	-0.00462367
6	-0.03359124	-0.05684300	-0.00658336
7	-0.03054056	-0.05721822	-0.00841059
8	-0.02716034	-0.05732511	-0.01013546
9	-0.02344911	-0.05729398	-0.01163060
10	-0.01946361	-0.05708299	-0.01315988
11	-0.01525041	-0.05679326	-0.01463634
12	-0.01066337	-0.05626422	-0.01561387
13	-0.00619085	-0.05559289	-0.01631643
14	-0.00186483	-0.05477467	-0.01664926
15	0.00236779	-0.05369590	-0.01668048
16	0.00648988	-0.05255150	-0.01627848
17	0.01050299	-0.05113297	-0.01551211
18	0.01444652	-0.04951569	-0.01426513
19	0.01813050	-0.04772112	-0.01253844
20	0.02174538	-0.04584847	-0.01047283
21	0.02625809	-0.04319102	-0.00702982
22	0.02981450	-0.04050670	-0.00331575
23	0.03254597	-0.03782729	0.00084242

24	0.03395177	-0.03532073	0.00562826
25	0.03403362	-0.03320681	0.01093639
26	0.03319587	-0.03112669	0.01684088
27	0.03142472	-0.02880634	0.02332037
28	0.02857846	-0.02670469	0.03044549
29	0.02419643	-0.02541617	0.03783219
30	0.01896593	-0.02461685	0.04222371
31	0.01260709	-0.02524665	0.04499240
32	0.00619402	-0.02666534	0.04601145
33	0.00001368	-0.02827471	0.04610936
34	-0.00617676	-0.03004423	0.04537554
35	-0.01257852	-0.03203542	0.04384884
36	-0.01929576	-0.03427850	0.04139794
37	-0.02645339	-0.03678940	0.03794333
38	-0.03228898	-0.04026320	0.03278145
39	-0.03351694	-0.04213340	0.02969095
40	-0.03430307	-0.04411583	0.02630559
41	-0.03507660	-0.04600978	0.02288624
42	-0.03603371	-0.04773414	0.01958399
43	-0.03732682	-0.04923365	0.01637292
44	-0.03901794	-0.05047880	0.01312269
45	-0.04091784	-0.05154451	0.00972032
46	-0.04232038	-0.05273267	0.00616115
47	-0.06217772	-0.05914791	-0.00023532
48	-0.06039966	-0.05942617	-0.00203751
49	-0.05835830	-0.05971314	-0.00385163
50	-0.05601653	-0.06002837	-0.00571877
51	-0.05341609	-0.06028707	-0.00756384

52	-0.05053662	-0.06048077	-0.00937950
53	-0.04737831	-0.06067404	-0.01125139
54	-0.04399098	-0.06086523	-0.01309598
55	-0.04031325	-0.06098301	-0.01503695
56	-0.03642324	-0.06136577	-0.01708072
57	-0.03263857	-0.06142035	-0.01871929
58	-0.02885026	-0.06137764	-0.02023513
59	-0.02506491	-0.06120569	-0.02158520
60	-0.02124448	-0.06102092	-0.02279627
61	-0.01747426	-0.06063789	-0.02365424
62	-0.01365250	-0.06038900	-0.02462548
63	-0.00988057	-0.05983398	-0.02515828
64	-0.00607471	-0.05924753	-0.02564153
65	-0.00224141	-0.05871975	-0.02602681
66	0.00133599	-0.05797153	-0.02608560
67	0.00484318	-0.05714780	-0.02590571
68	0.00820280	-0.05618540	-0.02543155
69	0.01154333	-0.05524776	-0.02486446
70	0.01466524	-0.05412499	-0.02392432
71	0.01780113	-0.05296095	-0.02290473
72	0.02085667	-0.05171869	-0.02164394
73	0.02382187	-0.05029213	-0.02015365
74	0.02667373	-0.04879988	-0.01842908
75	0.02909319	-0.04746254	-0.01687960
76	0.03152178	-0.04597114	-0.01512246
77	0.03395983	-0.04445379	-0.01306229
78	0.03629824	-0.04278370	-0.01067760
79	0.03859112	-0.04099312	-0.00809743

80	0.04090579	-0.03914000	-0.00523742
81	0.04334794	-0.03731124	-0.00214923
82	0.04588657	-0.03538819	0.00116343
83	0.04835150	-0.03338953	0.00473553
84	0.04491029	0.03358796	0.01383710
85	0.04458891	0.03452492	0.01121383
86	0.04451619	0.03485097	0.00835947
87	0.04473295	0.03456012	0.00565621
88	0.04504344	0.03400824	0.00317074
89	0.04544816	0.03318705	0.00096955
90	0.04589553	0.03216723	-0.00122887
91	0.04660474	0.03064427	-0.00331369
92	0.04717646	0.02918409	-0.00553038
93	0.04789782	0.02735011	-0.00758514
94	0.04848577	0.02525619	-0.00959030
95	0.04902353	0.02306520	-0.01133704
96	0.04953244	0.02070173	-0.01281927
97	0.05000078	0.01819110	-0.01406624
98	0.05037788	0.01554842	-0.01505443
99	0.05070572	0.01272381	-0.01576311
100	0.05099786	0.00973602	-0.01618081
101	0.05127715	0.00657683	-0.01625611
102	0.05153278	0.00330758	-0.01592705
103	0.05131322	-0.00048317	-0.01496393
104	0.05106353	-0.00387863	-0.01339410
105	0.05072042	-0.00696291	-0.01157970
106	0.05036455	-0.00966161	-0.00930990
107	0.04975143	-0.01210327	-0.00694437

108	0.04904965	-0.01428469	-0.00418864
109	0.04829512	-0.01618888	-0.00102984
110	0.04753505	-0.01749756	0.00255904
111	0.04672573	-0.01840002	0.00649181
112	0.04406561	-0.01784588	0.01472253
113	0.04242239	-0.01580980	0.02186270
114	0.04092076	-0.01355253	0.02777591
115	0.04005227	-0.01057091	0.03231058
116	0.03960124	-0.00734284	0.03559428
117	0.03901685	-0.00373254	0.03813902
118	0.03897100	0.00067321	0.03954624
119	0.03987309	0.00593255	0.03916067
120	0.04165465	0.01085815	0.03683837
121	0.04377525	0.01348140	0.03470876
122	0.04576982	0.01576942	0.03215966
123	0.04728288	0.01801745	0.02947824
124	0.04818095	0.02041664	0.02690461
125	0.04848485	0.02295577	0.02440420
126	0.04812687	0.02578690	0.02204628
127	0.04731753	0.02868425	0.01957975
128	0.04617894	0.03143358	0.01690351
129	0.04666793	0.05123904	0.01792138
130	0.04612290	0.05098178	0.01510590
131	0.04576286	0.05057992	0.01240284
132	0.04541837	0.05002580	0.00964613
133	0.04530440	0.04952082	0.00693918
134	0.04530823	0.04887395	0.00436182
135	0.04526719	0.04798405	0.00192168

136	0.04536891	0.04689882	-0.00049825
137	0.04564092	0.04581251	-0.00288437
138	0.04597439	0.04455329	-0.00515744
139	0.04675009	0.04267019	-0.00795542
140	0.04746801	0.04066156	-0.01060021
141	0.04812829	0.03845230	-0.01300673
142	0.04880381	0.03617714	-0.01523959
143	0.04939758	0.03379946	-0.01718995
144	0.05000165	0.03122346	-0.01903748
145	0.05065613	0.02849586	-0.02084151
146	0.05126687	0.02566140	-0.02233071
147	0.05184500	0.02278976	-0.02370203
148	0.05234242	0.01986852	-0.02470162
149	0.05277428	0.01689803	-0.02551454
150	0.05317683	0.01388117	-0.02600564
151	0.05353681	0.01076404	-0.02634032
152	0.05380547	0.00766509	-0.02629416
153	0.05409020	0.00446392	-0.02599184
154	0.05430031	0.00119297	-0.02547628
155	0.05438872	-0.00219306	-0.02464519
156	0.05434148	-0.00521593	-0.02369841
157	0.05440961	-0.00892181	-0.02176551
158	0.05421734	-0.01248407	-0.01937748
159	0.05382658	-0.01590275	-0.01673850
160	0.05316652	-0.01909169	-0.01378587
161	0.05247055	-0.02216994	-0.01064287
162	0.05158459	-0.02512815	-0.00729112
163	0.05043572	-0.02785069	-0.00353369

164	0.04940202	-0.03061320	0.00050096
165	0.04835150	-0.03338953	0.00473553
166	-0.07069381	0.01074302	0.00890633
167	-0.07193091	0.01345931	0.00707413
168	-0.07222513	0.01630207	0.00507724
169	-0.07200118	0.01914637	0.00314171
170	-0.07115850	0.02188368	0.00120676
171	-0.06997206	0.02467666	-0.00058063
172	-0.06833954	0.02750612	-0.00231284
173	-0.06621048	0.03039450	-0.00401444
174	-0.06367312	0.03335828	-0.00568378
175	-0.06064902	0.03633047	-0.00727065
176	-0.05819932	0.03851417	-0.00848194
177	-0.05557594	0.04050330	-0.00952274
178	-0.05279399	0.04225719	-0.01039341
179	-0.04991071	0.04383720	-0.01108096
180	-0.04698133	0.04529787	-0.01159408
181	-0.04386856	0.04658932	-0.01190116
182	-0.04060813	0.04763453	-0.01205870
183	-0.03723763	0.04845732	-0.01201048
184	-0.03331868	0.04918798	-0.01172091
185	-0.02976770	0.04952183	-0.01139464
186	-0.02622863	0.04973010	-0.01083113
187	-0.02265814	0.04966944	-0.01000264
188	-0.01914007	0.04922195	-0.00902822
189	-0.01566830	0.04862163	-0.00785615
190	-0.01213547	0.04799569	-0.00632477
191	-0.00869157	0.04712883	-0.00466659

192	-0.00508728	0.04626405	-0.00260343
193	-0.00161020	0.04514739	-0.00041028
194	0.00349477	0.04340133	0.00337021
195	0.00770218	0.04109592	0.00726529
196	0.01104383	0.03847509	0.01131121
197	0.01354069	0.03553607	0.01554182
198	0.01512615	0.03227333	0.01999544
199	0.01582939	0.02855924	0.02468000
200	0.01563924	0.02433950	0.02962624
201	0.01452722	0.01955491	0.03462776
202	0.01239102	0.01451909	0.03977366
203	0.00795506	0.00812610	0.04346793
204	0.00223733	0.00251566	0.04498972
205	-0.00360553	-0.00202282	0.04529379
206	-0.00958949	-0.00551145	0.04498164
207	-0.01582216	-0.00808386	0.04411543
208	-0.02249024	-0.00982381	0.04224049
209	-0.02946694	-0.01066774	0.03882576
210	-0.03657345	-0.01053446	0.03401306
211	-0.04334054	-0.00913846	0.02786370
212	-0.04668578	-0.00724054	0.02464110
213	-0.04973232	-0.00509284	0.02151250
214	-0.05271054	-0.00282801	0.01865748
215	-0.05579394	-0.00063045	0.01624274
216	-0.05897780	0.00138718	0.01438349
217	-0.06225342	0.00350678	0.01280533
218	-0.06577825	0.00566962	0.01169039
219	-0.06864676	0.00811257	0.01032158

220	-0.09175620	0.00252534	0.00731363
221	-0.09110724	0.00671269	0.00526516
222	-0.09003384	0.01073320	0.00345993
223	-0.08882498	0.01450423	0.00174158
224	-0.08751910	0.01802608	0.00011461
225	-0.08609107	0.02134566	-0.00138687
226	-0.08449918	0.02445761	-0.00275556
227	-0.08279926	0.02734577	-0.00411467
228	-0.08104620	0.03002333	-0.00547728
229	-0.07920067	0.03244592	-0.00681102
230	-0.07702524	0.03498165	-0.00835722
231	-0.07474063	0.03740720	-0.00984449
232	-0.07237987	0.03977849	-0.01126477
233	-0.06986886	0.04211965	-0.01248009
234	-0.06729487	0.04430424	-0.01367035
235	-0.06453070	0.04643610	-0.01468703
236	-0.06167296	0.04845505	-0.01576220
237	-0.05863720	0.05034822	-0.01666404
238	-0.05553876	0.05223071	-0.01751113
239	-0.05148164	0.05420758	-0.01817991
240	-0.04738086	0.05595259	-0.01876761
241	-0.04322120	0.05737394	-0.01904784
242	-0.03896001	0.05851717	-0.01915509
243	-0.03469079	0.05929604	-0.01897624
244	-0.03026342	0.05971088	-0.01854278
245	-0.02574157	0.05989053	-0.01790419
246	-0.02113522	0.05972480	-0.01702750
247	-0.01652542	0.05911998	-0.01576267

248	-0.01166428	0.05833791	-0.01417450
249	-0.00690492	0.05723612	-0.01222432
250	-0.00226848	0.05592342	-0.00992904
251	0.00234604	0.05441319	-0.00742622
252	0.00678756	0.05258800	-0.00456331
253	0.01119329	0.05062542	-0.00142234
254	0.01553176	0.04819285	0.00217179
255	0.01994549	0.04584732	0.00571895
256	0.02431678	0.04331114	0.00930534

Procrustes sums of squares: 0.5088436638647192

Tangent sums of squares: 0.499623790655455

Data matrices in this dataset:

- RawData_Canals, raw data
- RawData_Canals, centroid size
- RawData_Canals, Procrustes coordinates

New Procrustes fit:

Dataset 'RawData_Canals'

256 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.04172593	-0.02923168	-0.00750795
2	-0.04251908	-0.05420257	0.00304005
3	-0.04126847	-0.05484209	0.00008498
4	-0.03910023	-0.05562181	-0.00249340
5	-0.03642497	-0.05634588	-0.00462367
6	-0.03359124	-0.05684300	-0.00658336
7	-0.03054056	-0.05721822	-0.00841059
8	-0.02716034	-0.05732511	-0.01013546
9	-0.02344911	-0.05729398	-0.01163060
10	-0.01946361	-0.05708299	-0.01315988
11	-0.01525041	-0.05679326	-0.01463634
12	-0.01066337	-0.05626422	-0.01561387
13	-0.00619085	-0.05559289	-0.01631643
14	-0.00186483	-0.05477467	-0.01664926
15	0.00236779	-0.05369590	-0.01668048
16	0.00648988	-0.05255150	-0.01627848
17	0.01050299	-0.05113297	-0.01551211
18	0.01444652	-0.04951569	-0.01426513
19	0.01813050	-0.04772112	-0.01253844
20	0.02174538	-0.04584847	-0.01047283
21	0.02625809	-0.04319102	-0.00702982
22	0.02981450	-0.04050670	-0.00331575
23	0.03254597	-0.03782729	0.00084242
24	0.03395177	-0.03532073	0.00562826
25	0.03403362	-0.03320681	0.01093639
26	0.03319587	-0.03112669	0.01684088
27	0.03142472	-0.02880634	0.02332037

28	0.02857846	-0.02670469	0.03044549
29	0.02419643	-0.02541617	0.03783219
30	0.01896593	-0.02461685	0.04222371
31	0.01260709	-0.02524665	0.04499240
32	0.00619402	-0.02666534	0.04601145
33	0.00001368	-0.02827471	0.04610936
34	-0.00617676	-0.03004423	0.04537554
35	-0.01257852	-0.03203542	0.04384884
36	-0.01929576	-0.03427850	0.04139794
37	-0.02645339	-0.03678940	0.03794333
38	-0.03228898	-0.04026320	0.03278145
39	-0.03351694	-0.04213340	0.02969095
40	-0.03430307	-0.04411583	0.02630559
41	-0.03507660	-0.04600978	0.02288624
42	-0.03603371	-0.04773414	0.01958399
43	-0.03732682	-0.04923365	0.01637292
44	-0.03901794	-0.05047880	0.01312269
45	-0.04091784	-0.05154451	0.00972032
46	-0.04232038	-0.05273267	0.00616115
47	-0.06217772	-0.05914791	-0.00023532
48	-0.06039966	-0.05942617	-0.00203751
49	-0.05835830	-0.05971314	-0.00385163
50	-0.05601653	-0.06002837	-0.00571877
51	-0.05341609	-0.06028707	-0.00756384
52	-0.05053662	-0.06048077	-0.00937950
53	-0.04737831	-0.06067404	-0.01125139
54	-0.04399098	-0.06086523	-0.01309598
55	-0.04031325	-0.06098301	-0.01503695

56	-0.03642324	-0.06136577	-0.01708072
57	-0.03263857	-0.06142035	-0.01871929
58	-0.02885026	-0.06137764	-0.02023513
59	-0.02506491	-0.06120569	-0.02158520
60	-0.02124448	-0.06102092	-0.02279627
61	-0.01747426	-0.06063789	-0.02365424
62	-0.01365250	-0.06038900	-0.02462548
63	-0.00988057	-0.05983398	-0.02515828
64	-0.00607471	-0.05924753	-0.02564153
65	-0.00224141	-0.05871975	-0.02602681
66	0.00133599	-0.05797153	-0.02608560
67	0.00484318	-0.05714780	-0.02590571
68	0.00820280	-0.05618540	-0.02543155
69	0.01154333	-0.05524776	-0.02486446
70	0.01466524	-0.05412499	-0.02392432
71	0.01780113	-0.05296095	-0.02290473
72	0.02085667	-0.05171869	-0.02164394
73	0.02382187	-0.05029213	-0.02015365
74	0.02667373	-0.04879988	-0.01842908
75	0.02909319	-0.04746254	-0.01687960
76	0.03152178	-0.04597114	-0.01512246
77	0.03395983	-0.04445379	-0.01306229
78	0.03629824	-0.04278370	-0.01067760
79	0.03859112	-0.04099312	-0.00809743
80	0.04090579	-0.03914000	-0.00523742
81	0.04334794	-0.03731124	-0.00214923
82	0.04588657	-0.03538819	0.00116343
83	0.04835150	-0.03338953	0.00473553

84	0.04491029	0.03358796	0.01383710
85	0.04458891	0.03452492	0.01121383
86	0.04451619	0.03485097	0.00835947
87	0.04473295	0.03456012	0.00565621
88	0.04504344	0.03400824	0.00317074
89	0.04544816	0.03318705	0.00096955
90	0.04589553	0.03216723	-0.00122887
91	0.04660474	0.03064427	-0.00331369
92	0.04717646	0.02918409	-0.00553038
93	0.04789782	0.02735011	-0.00758514
94	0.04848577	0.02525619	-0.00959030
95	0.04902353	0.02306520	-0.01133704
96	0.04953244	0.02070173	-0.01281927
97	0.05000078	0.01819110	-0.01406624
98	0.05037788	0.01554842	-0.01505443
99	0.05070572	0.01272381	-0.01576311
100	0.05099786	0.00973602	-0.01618081
101	0.05127715	0.00657683	-0.01625611
102	0.05153278	0.00330758	-0.01592705
103	0.05131322	-0.00048317	-0.01496393
104	0.05106353	-0.00387863	-0.01339410
105	0.05072042	-0.00696291	-0.01157970
106	0.05036455	-0.00966161	-0.00930990
107	0.04975143	-0.01210327	-0.00694437
108	0.04904965	-0.01428469	-0.00418864
109	0.04829512	-0.01618888	-0.00102984
110	0.04753505	-0.01749756	0.00255904
111	0.04672573	-0.01840002	0.00649181

112	0.04406561	-0.01784588	0.01472253
113	0.04242239	-0.01580980	0.02186270
114	0.04092076	-0.01355253	0.02777591
115	0.04005227	-0.01057091	0.03231058
116	0.03960124	-0.00734284	0.03559428
117	0.03901685	-0.00373254	0.03813902
118	0.03897100	0.00067321	0.03954624
119	0.03987309	0.00593255	0.03916067
120	0.04165465	0.01085815	0.03683837
121	0.04377525	0.01348140	0.03470876
122	0.04576982	0.01576942	0.03215966
123	0.04728288	0.01801745	0.02947824
124	0.04818095	0.02041664	0.02690461
125	0.04848485	0.02295577	0.02440420
126	0.04812687	0.02578690	0.02204628
127	0.04731753	0.02868425	0.01957975
128	0.04617894	0.03143358	0.01690351
129	0.04666793	0.05123904	0.01792138
130	0.04612290	0.05098178	0.01510590
131	0.04576286	0.05057992	0.01240284
132	0.04541837	0.05002580	0.00964613
133	0.04530440	0.04952082	0.00693918
134	0.04530823	0.04887395	0.00436182
135	0.04526719	0.04798405	0.00192168
136	0.04536891	0.04689882	-0.00049825
137	0.04564092	0.04581251	-0.00288437
138	0.04597439	0.04455329	-0.00515744
139	0.04675009	0.04267019	-0.00795542

140	0.04746801	0.04066156	-0.01060021
141	0.04812829	0.03845230	-0.01300673
142	0.04880381	0.03617714	-0.01523959
143	0.04939758	0.03379946	-0.01718995
144	0.05000165	0.03122346	-0.01903748
145	0.05065613	0.02849586	-0.02084151
146	0.05126687	0.02566140	-0.02233071
147	0.05184500	0.02278976	-0.02370203
148	0.05234242	0.01986852	-0.02470162
149	0.05277428	0.01689803	-0.02551454
150	0.05317683	0.01388117	-0.02600564
151	0.05353681	0.01076404	-0.02634032
152	0.05380547	0.00766509	-0.02629416
153	0.05409020	0.00446392	-0.02599184
154	0.05430031	0.00119297	-0.02547628
155	0.05438872	-0.00219306	-0.02464519
156	0.05434148	-0.00521593	-0.02369841
157	0.05440961	-0.00892181	-0.02176551
158	0.05421734	-0.01248407	-0.01937748
159	0.05382658	-0.01590275	-0.01673850
160	0.05316652	-0.01909169	-0.01378587
161	0.05247055	-0.02216994	-0.01064287
162	0.05158459	-0.02512815	-0.00729112
163	0.05043572	-0.02785069	-0.00353369
164	0.04940202	-0.03061320	0.00050096
165	0.04835150	-0.03338953	0.00473553
166	-0.07069381	0.01074302	0.00890633
167	-0.07193091	0.01345931	0.00707413

168	-0.07222513	0.01630207	0.00507724
169	-0.07200118	0.01914637	0.00314171
170	-0.07115850	0.02188368	0.00120676
171	-0.06997206	0.02467666	-0.00058063
172	-0.06833954	0.02750612	-0.00231284
173	-0.06621048	0.03039450	-0.00401444
174	-0.06367312	0.03335828	-0.00568378
175	-0.06064902	0.03633047	-0.00727065
176	-0.05819932	0.03851417	-0.00848194
177	-0.05557594	0.04050330	-0.00952274
178	-0.05279399	0.04225719	-0.01039341
179	-0.04991071	0.04383720	-0.01108096
180	-0.04698133	0.04529787	-0.01159408
181	-0.04386856	0.04658932	-0.01190116
182	-0.04060813	0.04763453	-0.01205870
183	-0.03723763	0.04845732	-0.01201048
184	-0.03331868	0.04918798	-0.01172091
185	-0.02976770	0.04952183	-0.01139464
186	-0.02622863	0.04973010	-0.01083113
187	-0.02265814	0.04966944	-0.01000264
188	-0.01914007	0.04922195	-0.00902822
189	-0.01566830	0.04862163	-0.00785615
190	-0.01213547	0.04799569	-0.00632477
191	-0.00869157	0.04712883	-0.00466659
192	-0.00508728	0.04626405	-0.00260343
193	-0.00161020	0.04514739	-0.00041028
194	0.00349477	0.04340133	0.00337021
195	0.00770218	0.04109592	0.00726529

196	0.01104383	0.03847509	0.01131121
197	0.01354069	0.03553607	0.01554182
198	0.01512615	0.03227333	0.01999544
199	0.01582939	0.02855924	0.02468000
200	0.01563924	0.02433950	0.02962624
201	0.01452722	0.01955491	0.03462776
202	0.01239102	0.01451909	0.03977366
203	0.00795506	0.00812610	0.04346793
204	0.00223733	0.00251566	0.04498972
205	-0.00360553	-0.00202282	0.04529379
206	-0.00958949	-0.00551145	0.04498164
207	-0.01582216	-0.00808386	0.04411543
208	-0.02249024	-0.00982381	0.04224049
209	-0.02946694	-0.01066774	0.03882576
210	-0.03657345	-0.01053446	0.03401306
211	-0.04334054	-0.00913846	0.02786370
212	-0.04668578	-0.00724054	0.02464110
213	-0.04973232	-0.00509284	0.02151250
214	-0.05271054	-0.00282801	0.01865748
215	-0.05579394	-0.00063045	0.01624274
216	-0.05897780	0.00138718	0.01438349
217	-0.06225342	0.00350678	0.01280533
218	-0.06577825	0.00566962	0.01169039
219	-0.06864676	0.00811257	0.01032158
220	-0.09175620	0.00252534	0.00731363
221	-0.09110724	0.00671269	0.00526516
222	-0.09003384	0.01073320	0.00345993
223	-0.08882498	0.01450423	0.00174158

224	-0.08751910	0.01802608	0.00011461
225	-0.08609107	0.02134566	-0.00138687
226	-0.08449918	0.02445761	-0.00275556
227	-0.08279926	0.02734577	-0.00411467
228	-0.08104620	0.03002333	-0.00547728
229	-0.07920067	0.03244592	-0.00681102
230	-0.07702524	0.03498165	-0.00835722
231	-0.07474063	0.03740720	-0.00984449
232	-0.07237987	0.03977849	-0.01126477
233	-0.06986886	0.04211965	-0.01248009
234	-0.06729487	0.04430424	-0.01367035
235	-0.06453070	0.04643610	-0.01468703
236	-0.06167296	0.04845505	-0.01576220
237	-0.05863720	0.05034822	-0.01666404
238	-0.05553876	0.05223071	-0.01751113
239	-0.05148164	0.05420758	-0.01817991
240	-0.04738086	0.05595259	-0.01876761
241	-0.04322120	0.05737394	-0.01904784
242	-0.03896001	0.05851717	-0.01915509
243	-0.03469079	0.05929604	-0.01897624
244	-0.03026342	0.05971088	-0.01854278
245	-0.02574157	0.05989053	-0.01790419
246	-0.02113522	0.05972480	-0.01702750
247	-0.01652542	0.05911998	-0.01576267
248	-0.01166428	0.05833791	-0.01417450
249	-0.00690492	0.05723612	-0.01222432
250	-0.00226848	0.05592342	-0.00992904
251	0.00234604	0.05441319	-0.00742622

252	0.00678756	0.05258800	-0.00456331
253	0.01119329	0.05062542	-0.00142234
254	0.01553176	0.04819285	0.00217179
255	0.01994549	0.04584732	0.00571895
256	0.02431678	0.04331114	0.00930534

Procrustes sums of squares: 0.5088436638647192

Tangent sums of squares: 0.499623790655455

Data matrices in this dataset:

- RawData_Canals, raw data
- RawData_Canals, centroid size
- RawData_Canals, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, RawData_Canals, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00359987	22.336	22.336
2.	0.00222445	13.802	36.138
3.	0.00170749	10.594	46.732
4.	0.00116904	7.253	53.986
5.	0.00104711	6.497	60.483
6.	0.00087735	5.444	65.926
7.	0.00081714	5.070	70.997
8.	0.00064406	3.996	74.993

9.	0.00051102	3.171	78.163
10.	0.00045416	2.818	80.981
11.	0.00038686	2.400	83.382
12.	0.00035919	2.229	85.610
13.	0.00031276	1.941	87.551
14.	0.00025833	1.603	89.154
15.	0.00024053	1.492	90.646
16.	0.00023704	1.471	92.117
17.	0.00017816	1.105	93.222
18.	0.00016343	1.014	94.236
19.	0.00013017	0.808	95.044
20.	0.00011414	0.708	95.752
21.	0.00010069	0.625	96.377
22.	0.00009732	0.604	96.981
23.	0.00008596	0.533	97.514
24.	0.00007184	0.446	97.960
25.	0.00006775	0.420	98.380
26.	0.00005865	0.364	98.744
27.	0.00005393	0.335	99.079
28.	0.00004765	0.296	99.374
29.	0.00003991	0.248	99.622
30.	0.00003509	0.218	99.840
31.	0.00002582	0.160	100.000

Total variance: 0.01611690

Variance of the eigenvalues: 0.0000000341113

Eigenvalue variance scaled by total variance: 0.00013

Eigenvalue variance scaled by total variance and number of variables: 0.10007

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 761.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.023741		-0.011796		0.035058		-0.009283		0.022387		-0.035214	
	-0.016204		0.042459		0.020556		0.026434		0.005846		0.031146	
	0.032586		0.077540		-0.049115		0.005004		0.036061		0.013828	
	-0.023709		0.031728		0.022369		0.032425		0.019101		0.050289	
	0.039681		-0.008182		0.057681		0.020550		0.082673		0.075773	
	0.024476											
y1	0.008511		-0.001376		0.011600		-0.049743		-0.043248		-0.001878	
	0.024449		0.009729		-0.009011		0.015150		-0.034899		0.011460	
	0.021237		0.014590		-0.055762		-0.037728		-0.003412		-0.009508	
	0.037079		0.018606		0.050162		0.001088		0.026759		0.023966	
	-0.000856		0.065156		-0.030694		-0.012343		-0.086980		-0.020216	
	-0.026199											
z1	0.018301		0.053319		0.025785		0.089335		0.020701		0.010218	
	0.041049		-0.048612		-0.016891		-0.007210		0.034421		-0.063589	
	-0.007049		0.015602		-0.052146		0.020627		-0.002874		-0.030096	
	0.052523		0.013031		-0.041743		0.065104		-0.003526		0.014779	
	-0.011421		0.037928		0.057434		0.013890		-0.096220		0.127225	
	0.014011											
x2	0.003444		0.011839		-0.019025		-0.056134		0.071838		0.035479	
	-0.004335		-0.035480		-0.024576		0.015741		-0.056410		-0.035329	
	-0.018316		-0.024045		0.062412		0.028073		-0.038483		0.029621	
	0.018499		0.016950		-0.031863		0.025420		0.056940		0.031304	

	0.036982 -0.054971	0.004434	-0.024220	-0.042142	0.040818	-0.002701
y2	-0.028204 -0.029354 -0.016473 0.029683 0.020539 -0.065013	0.040832 0.003039 0.020797 -0.047181 0.011961	-0.025804 0.038983 0.041506 0.006097 -0.023456	0.009431 0.009959 0.007825 -0.009687 0.017173	0.020086 -0.004357 0.030675 0.000436 0.031349	-0.048342 -0.006901 -0.000688 0.034180 -0.083570
z2	0.023116 -0.004269 -0.009238 0.036742 -0.054670 -0.059400	-0.025804 0.009455 0.054526 -0.016866 0.035230	-0.034577 -0.016369 0.026304 -0.079432 0.091158	-0.041457 0.028922 0.011631 -0.007470 0.008540	0.006001 0.007753 -0.007044 -0.071792 0.092993	0.000706 0.055088 -0.017324 0.058206 0.071556
x3	-0.005932 -0.006942 -0.012081 0.031158 0.019928 -0.034431	0.012281 -0.036459 -0.039693 0.021801 0.002250	-0.022347 -0.014895 0.053635 -0.010418 -0.015181	-0.047417 0.008400 0.025600 0.025343 -0.035508	0.073441 -0.058881 -0.048648 0.070214 0.007680	0.035832 -0.039162 0.031017 0.015381 -0.025912
y3	-0.032582 -0.026549 -0.020935 0.030688 0.005085 -0.039766	0.043472 -0.005899 0.024544 -0.054882 0.018095	-0.033304 0.041001 0.038802 -0.008534 -0.015539	0.004579 0.000748 0.003041 0.003495 0.002619	0.021862 -0.003697 0.022335 -0.011604 0.024428	-0.051688 -0.006620 0.008493 0.009683 -0.077660
z3	0.027824 -0.002203 -0.012081 0.016763 -0.034928 -0.043064	-0.022775 0.008524 0.045258 -0.026950 0.032532	-0.028740 -0.014357 0.033551 -0.065872 0.069960	-0.044240 0.030669 0.003292 0.004834 0.013874	0.010538 -0.004880 0.001551 -0.048897 0.075760	0.005492 0.063928 -0.022177 0.065032 0.084759
x4	-0.017641 -0.013054 -0.008114 0.047486 0.006293 -0.008302	0.011441 -0.038908 -0.055163 0.037268 0.003486	-0.025169 -0.008462 0.041638 0.002132 -0.006271	-0.038338 0.005256 0.020690 0.022359 -0.043930	0.075007 -0.049269 -0.056436 0.055238 -0.020061	0.037316 -0.047660 0.034860 -0.004284 -0.047346
y4	-0.033978 -0.022435 -0.021638	0.044611 -0.007927 0.025226	-0.037776 0.047716 0.042660	-0.001622 -0.005438 0.005861	0.021531 -0.010985 0.019877	-0.053736 -0.001180 0.022214

	0.028248	-0.064376	-0.015794	0.014638	-0.009404	-0.004282
	-0.003680	0.027023	-0.017461	-0.006693	0.014641	-0.063314
	-0.025558					
z4	0.029058	-0.018489	-0.024303	-0.044296	0.016025	0.010224
	-0.001150	0.006936	-0.013952	0.028613	-0.014409	0.067743
	-0.015483	0.030073	0.039080	-0.008917	0.007858	-0.024725
	-0.001258	-0.032272	-0.051488	0.014286	-0.037900	0.067766
	-0.027810	0.024796	0.056269	0.008261	0.052001	0.083538
	-0.016676					
x5	-0.028353	0.007869	-0.027589	-0.032634	0.076383	0.039455
	-0.018427	-0.041853	-0.002625	0.006179	-0.029726	-0.050722
	-0.004443	-0.062222	0.022894	0.016967	-0.070648	0.031067
	0.062905	0.059107	0.015638	0.011833	0.042908	-0.018148
	-0.000090	-0.000076	-0.002072	-0.051659	-0.027285	-0.049297
	-0.001213					
y5	-0.034627	0.044996	-0.038573	-0.006076	0.020471	-0.053826
	-0.019289	-0.006111	0.057893	-0.008212	-0.016652	0.006648
	-0.020767	0.023648	0.043686	0.013984	0.025307	0.032464
	0.022261	-0.071966	-0.016843	0.023875	-0.011167	-0.018941
	-0.005802	0.034528	-0.025542	-0.009178	0.003694	-0.050578
	-0.015692					
z5	0.026810	-0.014672	-0.022524	-0.044266	0.023191	0.016428
	-0.001013	0.003433	-0.012406	0.026820	-0.010588	0.067078
	-0.016441	0.020066	0.037211	-0.019182	0.003087	-0.032291
	-0.010737	-0.030316	-0.039924	0.009772	-0.029455	0.067290
	-0.019620	0.010058	0.046768	-0.007068	0.037211	0.084798
	0.006348					
x6	-0.035708	0.004053	-0.028631	-0.025986	0.076472	0.036236
	-0.023629	-0.040801	0.003327	0.006477	-0.016030	-0.050584
	0.000901	-0.062742	0.010969	0.022839	-0.069328	0.028065
	0.074281	0.068296	0.021983	0.004574	0.037509	-0.029708
	0.002358	0.003310	-0.005176	-0.045632	-0.033667	-0.052878
	0.004990					
y6	-0.036612	0.045723	-0.039194	-0.011704	0.020213	-0.050327
	-0.016834	-0.006696	0.062682	-0.007470	-0.020685	0.012919
	-0.021178	0.018359	0.040358	0.008119	0.020930	0.035091
	0.017973	-0.069924	-0.014625	0.030469	-0.019844	-0.027832
	-0.013323	0.033208	-0.020492	-0.020622	-0.003817	-0.039573
	-0.005088					
z6	0.024658	-0.009851	-0.023406	-0.041495	0.031443	0.018837
	-0.001032	0.002748	-0.008773	0.024069	-0.007001	0.062416

	-0.016767	0.014603	0.036341	-0.016777	0.007839	-0.036358
	-0.015629	-0.031408	-0.026150	0.008185	-0.016627	0.059808
	-0.007662	0.002793	0.024761	-0.009684	0.018728	0.079816
	0.022871					
x7	-0.041430	-0.000806	-0.028959	-0.020341	0.074273	0.032334
	-0.028067	-0.038709	0.004925	0.006999	-0.006296	-0.047392
	0.009469	-0.060943	0.005336	0.026903	-0.069849	0.025674
	0.086246	0.078399	0.018950	-0.000527	0.030674	-0.032845
	-0.006337	0.007260	-0.002126	-0.037187	-0.031518	-0.049025
	0.007892					
y7	-0.038582	0.047724	-0.039833	-0.015228	0.021223	-0.048346
	-0.014420	-0.005757	0.065933	-0.005256	-0.026565	0.018272
	-0.019711	0.012512	0.038647	0.004608	0.020583	0.037232
	0.016070	-0.066792	-0.012746	0.032707	-0.023922	-0.029499
	-0.025412	0.033559	-0.012083	-0.026395	-0.013434	-0.037254
	0.001940					
z7	0.021738	-0.004425	-0.027870	-0.038763	0.039559	0.021761
	-0.000749	0.003477	-0.006886	0.020040	-0.003830	0.052409
	-0.012905	0.008171	0.043275	-0.015914	0.005080	-0.032908
	-0.012260	-0.023965	-0.019030	0.014292	-0.005003	0.052285
	-0.015090	-0.001397	0.011479	-0.014715	0.000698	0.074425
	0.038026					
x8	-0.045662	-0.006295	-0.024909	-0.014827	0.066819	0.025771
	-0.033969	-0.034591	0.005503	0.007342	-0.000460	-0.039771
	0.015776	-0.061410	0.000062	0.030546	-0.064805	0.017293
	0.086146	0.078867	0.012273	-0.014679	0.019787	-0.035739
	-0.007410	0.006743	0.003734	-0.033423	-0.020334	-0.050910
	0.003878					
y8	-0.041215	0.049025	-0.039813	-0.016750	0.022476	-0.045709
	-0.011247	-0.002872	0.062812	-0.005674	-0.030084	0.021587
	-0.016646	0.008426	0.040116	0.005400	0.019414	0.038753
	0.011753	-0.058040	-0.016294	0.032636	-0.027810	-0.026041
	-0.040201	0.031503	-0.002102	-0.027205	-0.011976	-0.034064
	-0.006773					
z8	0.017789	0.000535	-0.027983	-0.037613	0.038945	0.023533
	-0.004284	0.005108	0.004607	0.019475	-0.009090	0.042504
	-0.009209	-0.007016	0.045520	-0.016155	0.002569	-0.032357
	-0.016376	-0.023657	-0.008702	0.002564	0.003067	0.045254
	-0.029522	-0.007916	0.015025	-0.027565	-0.019491	0.051877
	0.026676					

x9	-0.048654	-0.012765	-0.018761	-0.011156	0.059773	0.018221
	-0.038943	-0.029701	0.000067	0.005378	0.006213	-0.026576
	0.021778	-0.057917	-0.003861	0.037220	-0.057320	0.007278
	0.079762	0.079620	-0.000361	-0.028170	0.008285	-0.038059
	0.003402	0.006835	0.008130	-0.026238	0.001689	-0.045847
	-0.004716					
y9	-0.043915	0.050955	-0.037575	-0.020306	0.024069	-0.042266
	-0.008395	0.003391	0.057207	-0.001495	-0.031749	0.028203
	-0.012850	0.000259	0.038381	0.007272	0.019884	0.033843
	0.001868	-0.044147	-0.018246	0.032210	-0.027224	-0.024876
	-0.053209	0.025870	0.005948	-0.023137	-0.006276	-0.037759
	-0.015384					
z9	0.012416	0.006885	-0.029741	-0.035597	0.041996	0.025168
	-0.005046	0.005651	0.006732	0.010698	-0.010185	0.031664
	-0.006306	-0.021754	0.047184	-0.009929	-0.004316	-0.028815
	-0.021075	-0.017220	0.003293	-0.007572	0.003113	0.031926
	-0.036524	-0.018549	0.015666	-0.037461	-0.035004	0.026547
	0.006110					
x10	-0.050191	-0.020180	-0.012347	-0.006563	0.051810	0.008691
	-0.044269	-0.026273	-0.010087	0.003259	0.016228	-0.010790
	0.026073	-0.048322	-0.008799	0.044760	-0.044291	-0.005014
	0.070333	0.078538	-0.021814	-0.039959	0.001340	-0.038730
	0.026910	0.007421	0.006294	-0.027822	0.035667	-0.031891
	0.002866					
y10	-0.046688	0.053770	-0.035250	-0.023256	0.026415	-0.038765
	-0.005327	0.010957	0.046660	0.004728	-0.027803	0.036559
	-0.007834	-0.011413	0.031874	0.010590	0.020057	0.027810
	-0.010723	-0.024714	-0.021052	0.026206	-0.021612	-0.023177
	-0.062641	0.018541	0.007668	-0.016701	-0.003842	-0.045697
	-0.018638					
z10	0.007759	0.012863	-0.034310	-0.030600	0.047268	0.028756
	-0.005674	-0.001265	0.005237	0.003050	-0.002394	0.020823
	-0.007191	-0.032107	0.037972	-0.002470	-0.011779	-0.029182
	-0.025704	-0.007402	0.017971	-0.014198	0.009930	0.017989
	-0.017580	-0.031987	0.001612	-0.065907	-0.044791	0.012653
	0.022549					
x11	-0.049675	-0.030494	-0.002832	-0.004580	0.040921	-0.000351
	-0.051813	-0.018776	-0.014945	0.009726	0.019553	0.012415
	0.031903	-0.035852	-0.011305	0.050462	-0.027014	-0.021412
	0.057234	0.068770	-0.042320	-0.046009	-0.007975	-0.031104
	0.050555	0.018233	0.009087	-0.017607	0.067361	-0.000185
	-0.009100					

y11	-0.049787	0.055096	-0.033762	-0.024495	0.028170	-0.033093
	-0.004614	0.017124	0.039389	0.011679	-0.027907	0.039015
	-0.001198	-0.022574	0.032117	0.013200	0.021887	0.024770
	-0.013947	-0.000852	-0.014460	0.018862	-0.019445	-0.009072
	-0.078733	0.011016	0.022858	-0.012941	-0.005826	-0.049992
	-0.045000					
z11	0.001879	0.015237	-0.036721	-0.027153	0.050801	0.032458
	-0.010835	-0.006531	0.019293	0.008521	-0.006213	0.011516
	-0.004696	-0.037420	0.029305	-0.003832	-0.015767	-0.024699
	-0.019583	-0.009085	0.039207	-0.006199	0.014569	0.004532
	-0.013918	-0.015449	0.000480	-0.084151	-0.072679	0.023638
	0.001869					
x12	-0.055120	-0.035238	-0.003766	0.003972	0.027371	-0.006385
	-0.051635	-0.014650	-0.002461	0.012309	0.021770	0.012821
	0.032077	-0.019866	-0.015484	0.027317	-0.005827	-0.036953
	0.049117	0.061576	-0.055176	-0.036189	-0.004923	-0.034963
	0.060194	0.026332	0.017450	-0.029482	0.039951	0.010476
	-0.021591					
y12	-0.052226	0.047515	-0.031779	-0.024220	0.019619	-0.028772
	0.002863	0.015757	0.027253	0.019001	-0.032523	0.051448
	0.005565	-0.035432	0.023348	-0.000348	0.012304	0.002681
	-0.025558	-0.001707	-0.007727	0.014881	-0.022044	-0.016225
	-0.068502	-0.007979	0.034788	-0.001781	-0.001679	-0.008119
	-0.038855					
z12	-0.004251	0.018109	-0.038747	-0.023020	0.053849	0.034099
	-0.017773	-0.003625	0.032181	0.015908	-0.006551	0.009300
	-0.008353	-0.042465	0.028170	0.000655	-0.009287	-0.024084
	-0.018278	-0.010648	0.044369	-0.003237	0.015018	-0.004396
	-0.014849	-0.021527	-0.002036	-0.092686	-0.052444	0.021164
	-0.015100					
x13	-0.059284	-0.041365	-0.003080	0.010430	0.016418	-0.013383
	-0.048036	-0.013106	0.004755	0.007193	0.027908	0.012276
	0.034684	-0.001178	-0.016701	0.016570	0.013282	-0.038869
	0.042672	0.052379	-0.071890	-0.027669	0.006194	-0.042180
	0.069953	0.038225	0.011747	-0.033608	0.021356	0.014613
	-0.022994					
y13	-0.054592	0.043533	-0.030687	-0.021088	0.011744	-0.027496
	0.009096	0.014329	0.016543	0.025182	-0.036120	0.058973
	0.010635	-0.043852	0.011624	-0.012047	0.005529	-0.020856
	-0.034898	0.002645	-0.002894	0.008013	-0.022291	-0.020612
	-0.063850	-0.025147	0.042399	0.003706	0.001178	0.006926
	-0.033316					

z13	-0.008595	0.016521	-0.041627	-0.017909	0.054996	0.031945
	-0.021915	-0.003022	0.040432	0.006123	0.009384	0.005234
	-0.001643	-0.040042	0.031781	0.028702	0.016038	-0.004844
	-0.024294	-0.024938	0.035328	-0.012011	0.028498	-0.019667
	-0.012977	-0.009597	-0.045463	-0.055972	-0.030574	0.010241
	-0.032019					
x14	-0.062105	-0.044240	-0.002998	0.016151	0.005790	-0.017838
	-0.044261	-0.008073	0.010427	0.006910	0.030960	0.012165
	0.036949	0.014058	-0.019040	0.003422	0.024163	-0.042737
	0.042355	0.049681	-0.081771	-0.019150	0.007115	-0.038419
	0.073420	0.046426	0.015772	-0.040776	0.010488	0.018048
	-0.025254					
y14	-0.056656	0.036630	-0.028396	-0.020014	0.005845	-0.025706
	0.011502	0.010271	0.009271	0.024986	-0.040667	0.063978
	0.014191	-0.046383	0.007006	-0.022348	0.004997	-0.034722
	-0.042451	0.002086	0.004548	0.005720	-0.011358	-0.028530
	-0.055480	-0.036281	0.043387	-0.000992	-0.009362	0.019536
	-0.021980					
z14	-0.014636	0.017695	-0.043714	-0.009554	0.052040	0.031109
	-0.018341	-0.004305	0.048045	0.007827	0.015105	-0.001170
	0.004250	-0.046160	0.026915	0.031047	0.013526	0.000333
	-0.018267	-0.037250	0.032451	-0.012062	0.014824	-0.018323
	-0.002203	-0.015781	-0.055145	-0.060359	-0.003058	0.017658
	-0.066641					
x15	-0.064064	-0.045840	-0.002805	0.018842	-0.003298	-0.019121
	-0.043370	-0.003143	0.014716	0.008299	0.030623	0.013368
	0.036946	0.026745	-0.020998	-0.014157	0.026911	-0.047505
	0.042154	0.046810	-0.080677	-0.010308	0.003030	-0.031620
	0.070151	0.047465	0.022625	-0.046171	-0.000494	0.026583
	-0.025009					
y15	-0.058887	0.028735	-0.026883	-0.018968	0.001359	-0.022601
	0.013623	0.006365	0.001722	0.022018	-0.044090	0.067578
	0.016574	-0.048210	0.002445	-0.031580	0.009470	-0.044307
	-0.046934	-0.001659	0.005269	0.002594	-0.002654	-0.033468
	-0.044149	-0.043099	0.043007	-0.006685	-0.019159	0.028209
	-0.010173					
z15	-0.022501	0.020677	-0.045507	0.000568	0.051849	0.031660
	-0.014572	-0.012698	0.044328	0.010293	0.010345	-0.004821
	0.004948	-0.049033	0.010332	0.014075	0.003080	-0.005397
	-0.010626	-0.025397	0.032924	-0.013332	-0.002764	-0.018286
	-0.006172	-0.014862	-0.041059	-0.077414	0.010640	0.022319
	-0.052894					

x16	-0.063927	-0.050045	-0.000305	0.017076	-0.007396	-0.020527
	-0.042893	0.001578	0.018488	0.005187	0.028080	0.013273
	0.036010	0.043106	-0.018462	-0.022245	0.033656	-0.040904
	0.034481	0.033632	-0.071232	-0.002877	0.010032	-0.032239
	0.068871	0.054107	0.012392	-0.042859	-0.017527	0.031763
	-0.010079					
y16	-0.060207	0.023603	-0.026369	-0.017355	-0.005071	-0.018002
	0.016098	0.008909	-0.003501	0.020927	-0.042752	0.068890
	0.019460	-0.043260	0.002620	-0.036825	0.012431	-0.054083
	-0.043185	-0.000311	0.003853	0.001992	0.003590	-0.026915
	-0.035361	-0.045804	0.044311	-0.011083	-0.019362	0.027403
	-0.003058					
z16	-0.029130	0.020194	-0.043037	0.010407	0.049828	0.032068
	-0.013682	-0.014834	0.053467	0.001929	0.007939	-0.008642
	0.014009	-0.045125	0.011476	0.018017	0.004681	-0.001489
	-0.012198	-0.023785	0.027659	-0.007748	-0.003820	-0.022920
	-0.004457	-0.014013	-0.058219	-0.076334	0.012261	0.018675
	-0.064401					
x17	-0.062344	-0.052859	0.003092	0.014401	-0.010680	-0.021632
	-0.042684	0.008935	0.019648	0.001202	0.026055	0.014766
	0.035758	0.057261	-0.015053	-0.028368	0.032169	-0.032537
	0.031848	0.025595	-0.056007	0.004198	0.013442	-0.023273
	0.061204	0.055780	0.002159	-0.043727	-0.023573	0.031193
	0.000598					
y17	-0.061056	0.016800	-0.024427	-0.017332	-0.008967	-0.011389
	0.017587	0.011355	-0.006028	0.017074	-0.042100	0.071247
	0.019414	-0.036321	0.001523	-0.040784	0.023972	-0.058500
	-0.045210	0.001836	-0.000026	-0.000977	0.018342	-0.022024
	-0.029979	-0.044646	0.044216	-0.020555	-0.029194	0.015134
	0.003837					
z17	-0.034595	0.020864	-0.044989	0.018148	0.046967	0.031507
	-0.012276	-0.018725	0.059265	0.002923	-0.000959	-0.009636
	0.022986	-0.036399	0.011077	0.018766	-0.001261	-0.003296
	-0.008327	-0.017221	0.021875	-0.014363	-0.009809	-0.018448
	-0.000311	-0.006543	-0.062892	-0.053933	0.028004	0.042314
	-0.055956					
x18	-0.059841	-0.054598	0.007389	0.008156	-0.013083	-0.019464
	-0.044517	0.017767	0.017985	-0.000051	0.018020	0.015964
	0.031636	0.068015	-0.012857	-0.034290	0.025493	-0.018869
	0.022013	0.024409	-0.037289	0.020927	0.020771	-0.018057
	0.045311	0.067348	-0.002745	-0.038842	-0.027982	0.030313
	0.018162					

y18	-0.062840	0.011437	-0.021508	-0.017311	-0.012546	-0.003564
	0.017788	0.012876	-0.010242	0.011144	-0.043388	0.070786
	0.017716	-0.030672	0.003522	-0.049038	0.030744	-0.059769
	-0.045169	0.009556	-0.000844	-0.003399	0.028206	-0.012663
	-0.022634	-0.035424	0.047851	-0.038415	-0.034118	-0.006582
	0.020369					
z18	-0.043022	0.020127	-0.047643	0.026987	0.045991	0.035063
	-0.013385	-0.024841	0.062616	0.001161	-0.008047	-0.011202
	0.029007	-0.031741	0.007827	-0.007404	-0.021960	-0.025737
	0.012631	-0.018274	0.032567	-0.033783	-0.024676	0.003896
	0.005774	-0.021990	-0.052532	-0.057355	0.028013	0.046041
	-0.051111					
x19	-0.054669	-0.057303	0.010804	-0.000390	-0.009965	-0.019273
	-0.041657	0.018757	0.015990	-0.005396	0.008009	0.014302
	0.027715	0.085252	-0.002676	-0.028106	0.014357	-0.001909
	0.022077	-0.000043	0.000494	0.023338	0.016266	-0.005182
	0.046905	0.059957	-0.030740	-0.025112	-0.042903	0.034646
	0.034737					
y19	-0.063323	0.006083	-0.017719	-0.019497	-0.014793	0.006786
	0.020040	0.020398	-0.013941	0.005782	-0.038826	0.071265
	0.013435	-0.017669	0.010497	-0.047308	0.044176	-0.062476
	-0.052840	0.009346	-0.009012	-0.011097	0.043920	-0.007240
	-0.005351	-0.018745	0.032781	-0.037910	-0.035930	-0.037607
	0.044623					
z19	-0.047819	0.019496	-0.041906	0.035752	0.040345	0.037466
	-0.011930	-0.001734	0.060548	-0.002305	-0.012859	0.007912
	0.046160	-0.034328	0.005476	-0.004161	-0.032583	-0.046034
	0.003932	-0.000042	0.015923	-0.032796	-0.013318	0.007676
	-0.005154	-0.002808	-0.061476	-0.024539	0.061439	0.036583
	-0.025306					
x20	-0.048052	-0.057865	0.016729	-0.007983	-0.007852	-0.019054
	-0.042478	0.028128	0.015124	-0.012257	0.001635	0.022692
	0.029593	0.093875	0.005262	-0.024623	-0.001827	0.019974
	0.027324	-0.002869	0.032361	0.031305	0.021571	0.014995
	0.032464	0.055182	-0.048939	-0.016640	-0.039170	0.037829
	0.062293					
y20	-0.062011	0.001254	-0.014525	-0.018458	-0.019219	0.014189
	0.019041	0.029716	-0.010926	-0.002613	-0.033665	0.071588
	0.014030	-0.002350	0.018271	-0.041838	0.061749	-0.055569
	-0.046462	0.017520	-0.023030	-0.012725	0.064893	0.002028
	0.007012	-0.003131	0.025243	-0.043749	-0.036041	-0.073048
	0.055974					

z20	-0.054165	0.013835	-0.039094	0.042872	0.038943	0.041106
	-0.007711	0.004925	0.061793	-0.009638	-0.026233	0.007792
	0.054286	-0.015607	0.014023	0.001503	-0.032211	-0.058694
	-0.002590	-0.007228	0.019670	-0.042394	-0.015614	0.023574
	-0.007976	0.021807	-0.082549	0.004282	0.049888	0.029198
	0.000886					
x21	-0.032692	-0.044582	0.015823	-0.016031	-0.011779	-0.031567
	-0.035355	0.021154	-0.017029	-0.013197	0.011156	0.005917
	0.019239	0.095892	-0.007616	-0.019639	0.010550	0.035404
	0.019956	0.003926	0.036441	0.026045	-0.003607	0.003119
	0.035375	0.015739	-0.038344	-0.027323	-0.020897	0.007469
	0.022230					
y21	-0.052649	-0.001178	-0.017652	-0.010974	-0.025577	0.014383
	0.015077	0.017970	-0.018105	-0.002181	-0.024771	0.065909
	0.007724	0.009387	-0.000192	-0.029692	0.038467	-0.047042
	-0.030363	0.007173	-0.022039	-0.008738	0.061098	0.018136
	-0.022258	0.017289	0.018999	-0.025173	-0.052883	-0.082975
	-0.010497					
z21	-0.058545	0.012941	-0.036093	0.061422	0.032972	0.026752
	-0.008076	0.013553	0.054361	-0.013770	-0.032898	0.005363
	0.066132	-0.008032	-0.011068	-0.002422	-0.028514	-0.060289
	0.002709	-0.015544	0.018007	-0.028724	-0.005958	0.018328
	-0.030877	0.036345	-0.065587	0.009813	0.043146	0.020710
	0.004629					
x22	-0.019943	-0.037049	0.017857	-0.027119	-0.013293	-0.034673
	-0.032662	0.023478	-0.024625	-0.006749	0.012695	0.003309
	0.018121	0.090811	-0.015990	-0.021619	0.027575	0.047264
	0.008822	0.005171	0.064613	0.025149	-0.009703	0.006986
	0.038600	-0.009517	-0.018086	-0.029102	-0.011140	0.002857
	0.005829					
y22	-0.046189	-0.002452	-0.019394	-0.001301	-0.028963	0.011710
	0.011727	0.011134	-0.022688	-0.005821	-0.012852	0.056039
	0.012379	0.024426	-0.018973	-0.014883	0.027460	-0.036681
	-0.012657	-0.004720	-0.017244	-0.014390	0.062781	0.026313
	-0.046104	0.023923	0.005614	-0.003138	-0.056616	-0.101673
	-0.039881					
z22	-0.058834	0.013615	-0.036825	0.075575	0.020929	0.013285
	-0.008481	0.017096	0.039317	-0.019188	-0.037819	-0.003812
	0.059322	0.000620	-0.024956	-0.005059	-0.021176	-0.051358
	0.012743	-0.013652	0.010910	-0.010018	-0.010426	0.026911
	-0.038487	0.056677	-0.040995	-0.009445	0.026887	0.009673
	-0.023513					

x23	-0.010505	-0.030611	0.018739	-0.035245	-0.007910	-0.037819
	-0.025281	0.023651	-0.038335	-0.005379	0.026643	0.003238
	0.014785	0.078030	-0.024902	-0.026677	0.036355	0.040699
	-0.021027	0.006537	0.067693	0.014151	-0.008352	-0.013431
	0.047189	-0.023761	-0.003913	-0.017097	0.010698	-0.004402
	0.022882					
y23	-0.039381	-0.007536	-0.015975	0.004344	-0.028264	0.010314
	0.013452	0.010503	-0.030952	0.001525	0.000894	0.058636
	0.010524	0.022036	-0.035628	-0.011195	0.010879	-0.044410
	-0.023314	-0.006884	-0.030212	-0.014833	0.068647	0.026135
	-0.044309	0.033892	-0.001728	0.029171	-0.051542	-0.111822
	-0.044721					
z23	-0.059858	0.012739	-0.036650	0.086040	0.008559	0.001458
	-0.009970	0.020686	0.025362	-0.028947	-0.043362	-0.015523
	0.060662	0.015037	-0.032709	0.002855	-0.000534	-0.030770
	0.029965	-0.018725	0.019537	0.009459	-0.015836	0.036061
	-0.053403	0.065254	-0.029224	-0.032106	0.010662	-0.008013
	-0.047791					
x24	-0.002214	-0.022977	0.017833	-0.046266	-0.006213	-0.033820
	-0.021551	0.027190	-0.032941	-0.002292	0.027795	-0.000410
	0.010595	0.063172	-0.020400	-0.029476	0.026816	0.039372
	-0.028711	0.006768	0.069109	0.017732	-0.006265	-0.030216
	0.046281	-0.021096	0.017942	-0.003533	0.019749	0.011411
	0.005108					
y24	-0.033835	-0.010152	-0.012803	0.010316	-0.025476	0.007917
	0.012643	0.009603	-0.036525	0.005135	0.012300	0.056503
	0.009342	0.021031	-0.045014	-0.005508	-0.008667	-0.047290
	-0.018676	-0.003497	-0.051475	-0.013772	0.069175	0.020301
	-0.042174	0.047666	-0.014324	0.050788	-0.043101	-0.110571
	-0.056603					
z24	-0.060971	0.008120	-0.033578	0.089883	-0.002751	-0.005123
	-0.012310	0.026780	0.006134	-0.030254	-0.045364	-0.017116
	0.059273	0.020264	-0.034089	0.004795	0.020960	-0.020684
	0.025459	-0.018438	0.035820	0.023744	-0.020250	0.047704
	-0.050656	0.069809	-0.016415	-0.039849	0.002413	-0.024265
	-0.044866					
x25	0.004415	-0.010300	0.009626	-0.051961	-0.010236	-0.034119
	-0.015382	0.029551	-0.018540	-0.004524	0.020676	-0.014818
	0.005128	0.055326	-0.019070	-0.032313	0.015455	0.041693
	-0.003781	0.002118	0.070444	0.015867	-0.017607	-0.023304
	0.040215	-0.024035	0.043083	0.000595	0.018643	0.007625
	-0.041829					

y25	-0.028668	-0.007256	-0.015509	0.020184	-0.025884	0.003503
	0.009813	0.008487	-0.028237	0.011199	0.016273	0.041322
	0.004020	0.024415	-0.051615	0.000802	-0.013023	-0.039662
	0.008431	-0.001951	-0.064149	-0.018396	0.052128	0.030582
	-0.026415	0.048497	-0.009954	0.056096	-0.047013	-0.111256
	-0.099878					
z25	-0.063414	0.002088	-0.029033	0.091480	-0.012467	-0.009351
	-0.016525	0.031742	-0.017643	-0.025214	-0.044969	-0.016352
	0.060689	0.020141	-0.021691	0.008100	0.033828	-0.016408
	0.024644	-0.006921	0.051062	0.036642	-0.023666	0.058918
	-0.057921	0.075629	-0.012039	-0.035920	0.001225	-0.024272
	-0.047526					
x26	0.007019	-0.001609	0.004680	-0.062588	-0.008306	-0.029447
	-0.005332	0.035203	-0.003320	-0.019538	0.010428	-0.029721
	0.001942	0.048914	-0.017491	-0.045235	0.011836	0.025285
	-0.005724	-0.014521	0.082499	0.001339	-0.006285	-0.031405
	0.011865	-0.018905	0.046244	0.003829	0.019816	0.017685
	-0.049557					
y26	-0.025361	-0.007225	-0.012415	0.023652	-0.021924	0.002619
	0.013861	0.015247	-0.023735	0.010957	0.014961	0.034478
	-0.001792	0.017403	-0.060906	0.000094	-0.006561	-0.047182
	-0.005746	-0.006195	-0.062803	-0.018627	0.059650	0.018377
	-0.017148	0.051091	-0.018078	0.049805	-0.042447	-0.084589
	-0.091413					
z26	-0.065950	-0.006444	-0.022660	0.086722	-0.021231	-0.013466
	-0.025567	0.033208	-0.043298	-0.020184	-0.047892	-0.016754
	0.057093	0.020044	-0.001027	0.007481	0.051235	-0.005637
	0.017608	0.003945	0.059056	0.047084	-0.021494	0.065970
	-0.045570	0.073260	-0.018844	-0.036130	-0.002383	-0.029602
	-0.045993					
x27	0.010032	0.004948	-0.009481	-0.072889	-0.005849	-0.018430
	0.001926	0.031084	0.012952	-0.025488	0.021215	-0.039307
	0.001272	0.023520	-0.021168	-0.059959	-0.013063	0.022377
	0.005953	-0.021365	0.090085	0.002831	0.004029	-0.041679
	0.013635	-0.023139	0.069049	0.008295	-0.003359	0.028475
	0.000333					
y27	-0.021718	-0.008924	-0.013293	0.023038	-0.018406	0.007212
	0.011901	0.018821	-0.026785	0.023576	0.022522	0.032522
	-0.007466	-0.003107	-0.072106	-0.006970	-0.002154	-0.041790
	-0.011177	-0.001299	-0.052017	-0.007611	0.068175	0.012016
	0.029151	0.024553	0.001712	0.048863	-0.047487	-0.066080
	-0.033593					

z27	-0.069476	-0.017405	-0.015882	0.077061	-0.030168	-0.013514
	-0.038141	0.033326	-0.074314	-0.013958	-0.050428	-0.013544
	0.054877	0.014983	0.022144	0.008192	0.070240	0.004618
	0.007347	0.015866	0.073756	0.056213	-0.011928	0.073542
	-0.037316	0.060929	-0.037959	-0.031835	-0.002477	-0.028226
	-0.041166					
x28	0.010121	0.011967	-0.021283	-0.080846	-0.001842	-0.004101
	0.017078	0.032864	0.027513	-0.037228	0.033449	-0.052052
	0.002824	0.006136	-0.015936	-0.073072	-0.052419	0.001432
	0.026250	-0.025630	0.089946	0.004299	-0.006092	-0.065055
	0.006807	-0.006373	0.082139	0.016046	-0.011868	0.048569
	0.033448					
y28	-0.017611	-0.012015	-0.009791	0.023316	-0.009889	0.013540
	0.018503	0.032079	-0.030690	0.040471	0.034455	0.029369
	-0.010041	-0.017456	-0.068713	-0.000077	0.004115	-0.046071
	-0.017366	0.004222	-0.044476	0.010446	0.054137	-0.013939
	0.092650	0.021856	-0.000848	0.047665	-0.043547	-0.033848
	0.023618					
z28	-0.073364	-0.029593	-0.008490	0.061914	-0.039932	-0.010774
	-0.051381	0.031797	-0.113520	-0.004255	-0.049782	-0.007254
	0.051708	0.006958	0.051542	0.007704	0.084261	0.010733
	-0.003829	0.033291	0.083304	0.060576	-0.005169	0.078796
	-0.016819	0.037253	-0.061738	-0.020054	0.007454	-0.024219
	-0.026606					
x29	0.010127	0.021523	-0.029740	-0.078585	0.002244	0.000644
	0.034641	0.043082	0.049683	-0.068718	0.051225	-0.070773
	0.011536	0.000570	0.008456	-0.054852	-0.071494	-0.005420
	0.058782	-0.046746	0.076044	-0.005023	-0.000185	-0.080702
	-0.024891	0.021652	0.091100	0.044477	0.002965	0.034335
	-0.007412					
y29	-0.011299	-0.010949	0.000781	0.032228	0.003609	0.007596
	0.035954	0.057782	-0.018710	0.045167	0.055142	0.023961
	-0.014722	-0.028316	-0.044852	0.029161	0.023100	-0.047791
	-0.032353	0.019968	-0.063598	0.023491	0.019759	-0.038841
	0.146517	0.046990	0.020731	0.043993	-0.005204	-0.031654
	0.002261					
z29	-0.075934	-0.043040	0.002877	0.049165	-0.046834	-0.012554
	-0.057513	0.030613	-0.149471	0.005551	-0.041327	-0.005765
	0.050347	0.000447	0.100759	0.008946	0.101177	0.014425
	-0.017133	0.062697	0.080305	0.067478	-0.016132	0.075741
	-0.002160	0.027847	-0.087139	-0.004834	0.030409	-0.026364
	-0.034816					

x30	0.006333	0.018472	-0.032289	-0.065418	0.021875	0.018662
	0.031071	0.046661	0.045296	-0.066480	0.063625	-0.087458
	0.038547	-0.023127	0.026423	-0.024046	-0.088326	-0.049160
	0.054785	-0.018198	0.063578	0.016678	-0.027241	-0.116902
	-0.060797	0.029328	0.101575	0.095387	-0.024888	0.028402
	-0.012925					
y30	0.004017	-0.011145	0.011056	0.036727	0.014752	-0.009095
	0.048424	0.074704	-0.007765	0.034132	0.064491	0.014692
	-0.029407	-0.035340	-0.017881	0.009697	-0.008248	-0.031511
	-0.045873	0.032203	-0.029757	0.006178	0.002456	-0.024411
	0.111828	0.053918	-0.012436	0.034143	0.009849	-0.008179
	-0.036900					
z30	-0.067056	-0.042755	-0.002291	0.036193	-0.042575	-0.026289
	-0.026821	0.031100	-0.110899	-0.009362	-0.019565	-0.011050
	0.055053	-0.001522	0.101695	-0.018683	0.085495	-0.009354
	0.002455	0.054401	0.036274	0.066296	-0.029121	0.011152
	0.017277	0.057507	-0.042078	0.028936	0.011138	-0.015272
	-0.032343					
x31	0.013960	0.012013	-0.024586	-0.056291	0.042371	0.018653
	0.032501	0.054730	0.047702	-0.069011	0.070093	-0.082256
	0.071000	-0.023795	0.042481	0.022917	-0.093453	-0.044897
	0.060301	-0.036869	0.071000	0.013008	-0.032250	-0.108882
	-0.059789	-0.018924	0.058689	0.130154	-0.046622	0.013077
	0.011084					
y31	0.026401	-0.014065	0.024400	0.037676	0.033622	-0.035983
	0.065201	0.084070	0.006710	0.022836	0.070153	0.014314
	-0.029229	-0.019821	0.001582	-0.005267	-0.040766	0.000018
	-0.067174	0.018153	0.003929	-0.016505	-0.010873	0.004942
	0.081781	-0.003951	-0.061819	0.000877	-0.008721	-0.004817
	-0.014232					
z31	-0.048144	-0.046399	-0.003276	0.028963	-0.029539	-0.049120
	0.013289	0.033727	-0.068845	-0.027655	0.003959	-0.016880
	0.070492	0.012039	0.109017	-0.030254	0.078997	-0.016599
	0.002687	0.033823	0.007669	0.059824	-0.052265	-0.043444
	0.044577	0.032228	-0.047829	0.055884	-0.029615	-0.001811
	0.019917					
x32	0.018451	0.007026	-0.017124	-0.053268	0.056113	0.022095
	0.029124	0.054229	0.046784	-0.059637	0.068973	-0.073192
	0.085908	-0.027444	0.055873	0.054987	-0.086600	-0.041128
	0.053593	-0.049795	0.063036	0.015538	-0.034841	-0.090207
	-0.062570	-0.038989	0.037958	0.135225	-0.041770	-0.008606
	0.002605					

y32	0.042225	-0.014285	0.041238	0.032285	0.043029	-0.057944
	0.072403	0.093326	0.016659	0.016930	0.065059	0.017379
	-0.036654	0.002315	0.002635	-0.021488	-0.077482	0.030184
	-0.066559	-0.003645	0.029461	-0.029335	-0.019997	0.052431
	0.045895	-0.058523	-0.084067	-0.043707	-0.006081	-0.015911
	-0.021670					
z32	-0.029347	-0.047874	0.002270	0.013800	-0.022382	-0.067275
	0.040234	0.043052	-0.031977	-0.036298	0.020500	-0.011963
	0.080877	0.034714	0.107609	-0.017327	0.077144	-0.008400
	0.005102	-0.002107	-0.014769	0.057359	-0.044583	-0.056861
	0.064349	-0.006624	-0.054615	0.066527	-0.038550	-0.016915
	0.022538					
x33	0.021201	0.002972	-0.013220	-0.049456	0.064436	0.027442
	0.024735	0.045945	0.042201	-0.048119	0.065468	-0.068580
	0.091222	-0.032787	0.063509	0.068689	-0.075027	-0.037382
	0.038250	-0.049690	0.053619	0.017227	-0.042157	-0.078440
	-0.060601	-0.045897	0.021989	0.124611	-0.033226	-0.020666
	-0.011953					
y33	0.051954	-0.013942	0.050023	0.030391	0.049879	-0.072545
	0.070801	0.096490	0.024144	0.012846	0.052698	0.017612
	-0.044253	0.013603	0.012099	-0.041075	-0.103050	0.050033
	-0.062198	-0.020412	0.036430	-0.032491	-0.033106	0.071108
	0.016204	-0.069914	-0.083222	-0.068426	0.006106	-0.033301
	-0.009880					
z33	-0.017476	-0.045160	0.002767	-0.002371	-0.014254	-0.074908
	0.053576	0.040755	-0.017833	-0.032752	0.020914	0.002615
	0.070029	0.032483	0.103849	-0.033072	0.063973	-0.002214
	0.006357	-0.033926	-0.037991	0.065255	-0.046260	-0.059309
	0.068968	-0.028840	-0.022866	0.035259	-0.016767	-0.043298
	0.021049					
x34	0.024559	-0.002027	-0.009467	-0.046458	0.068881	0.029258
	0.021903	0.033124	0.038673	-0.037389	0.054558	-0.064572
	0.093862	-0.034885	0.066523	0.072516	-0.060240	-0.031770
	0.022529	-0.041929	0.039978	0.016494	-0.049684	-0.073368
	-0.054450	-0.048508	0.002746	0.106342	-0.031030	-0.020948
	-0.022645					
y34	0.055414	-0.013796	0.052092	0.034812	0.050697	-0.077081
	0.064798	0.096177	0.031314	0.009847	0.042102	0.003480
	-0.044128	0.025482	0.015462	-0.062148	-0.117853	0.057703
	-0.061012	-0.028795	0.036614	-0.036588	-0.042889	0.072663
	-0.004202	-0.053281	-0.078804	-0.063638	0.009440	-0.033555
	0.004297					

z34	-0.009598	-0.041687	-0.002541	-0.009048	-0.007641	-0.073112
	0.064819	0.043739	-0.010686	-0.033416	0.021846	0.003354
	0.065149	0.028677	0.091608	-0.045632	0.055556	0.011095
	0.006881	-0.060154	-0.044250	0.062425	-0.037995	-0.057814
	0.069541	-0.032543	-0.013399	0.046005	-0.005602	-0.044979
	0.026194					
x35	0.028740	-0.006949	-0.007417	-0.045941	0.069431	0.028095
	0.021442	0.016946	0.035210	-0.023961	0.039795	-0.061169
	0.088025	-0.029802	0.062932	0.065208	-0.041230	-0.024184
	-0.004454	-0.034244	0.014763	0.012110	-0.058849	-0.072959
	-0.039147	-0.039343	-0.030506	0.069044	-0.015868	-0.014583
	-0.039363					
y35	0.054127	-0.015074	0.052308	0.041767	0.047194	-0.075690
	0.050283	0.088168	0.036171	0.008764	0.027960	-0.013107
	-0.036569	0.038068	0.020162	-0.077192	-0.125873	0.055437
	-0.048128	-0.031158	0.039388	-0.034403	-0.051223	0.061377
	-0.024367	-0.030188	-0.051846	-0.040319	-0.006241	-0.040502
	0.024317					
z35	-0.006066	-0.038503	-0.005936	-0.011553	-0.002606	-0.062621
	0.064630	0.044142	-0.016555	-0.033598	0.012138	0.004631
	0.063803	0.017620	0.076864	-0.050688	0.044078	0.029832
	0.026299	-0.068025	-0.023758	0.059270	-0.021145	-0.049175
	0.050233	-0.049958	0.015553	0.065011	-0.028652	-0.033573
	0.054109					
x36	0.035260	-0.011411	-0.006003	-0.048416	0.064621	0.027009
	0.018077	-0.000235	0.032377	-0.006764	0.017817	-0.055835
	0.073251	-0.021182	0.043902	0.039556	-0.022143	-0.001624
	-0.032314	-0.033375	0.001460	0.003937	-0.062758	-0.063064
	-0.022656	-0.024443	-0.057556	0.020262	0.013024	-0.019413
	-0.069698					
y36	0.046965	-0.016061	0.046747	0.051997	0.039193	-0.068256
	0.031353	0.071584	0.038807	0.008682	0.011148	-0.034255
	-0.024683	0.052799	0.027453	-0.090039	-0.124439	0.034168
	-0.039975	-0.023082	0.024256	-0.028462	-0.058056	0.028843
	-0.033862	0.003289	-0.019560	-0.018847	-0.023276	-0.032828
	0.055112					
z36	-0.006508	-0.036542	-0.010783	-0.011320	0.002736	-0.051323
	0.065736	0.041675	-0.030825	-0.028459	0.002141	0.005065
	0.059461	0.010844	0.073482	-0.045237	0.038739	0.041179
	0.032921	-0.063624	-0.022272	0.052130	-0.006593	-0.045961
	0.033513	-0.057003	0.019758	0.061491	-0.052032	-0.006078
	0.088433					

x37	0.041544	-0.012792	-0.009249	-0.051706	0.060623	0.023706
	0.014882	-0.025517	0.029719	0.011055	-0.026639	-0.053496
	0.052333	-0.009120	0.029475	-0.012708	-0.002853	0.043666
	-0.058690	-0.036565	-0.010746	0.000752	-0.051353	-0.048875
	-0.017240	0.005885	-0.045220	-0.040456	0.046196	-0.031320
	-0.062269					
y37	0.035718	-0.018887	0.036526	0.063821	0.024725	-0.052652
	0.006217	0.052916	0.040486	0.010276	-0.004305	-0.055951
	-0.007851	0.067122	0.022630	-0.099155	-0.116296	-0.003794
	-0.031151	-0.013702	0.002477	-0.020910	-0.070688	-0.017843
	-0.034070	0.043511	0.008608	0.006349	-0.037091	-0.033195
	0.076594					
z37	-0.004727	-0.038272	-0.018426	-0.010351	0.006225	-0.030155
	0.059361	0.043841	-0.048093	-0.016497	-0.008823	0.006271
	0.053974	0.002630	0.058344	-0.030518	0.036001	0.048955
	0.036271	-0.063998	-0.021294	0.032878	0.009163	-0.029117
	0.008018	-0.058329	-0.016420	0.039104	-0.057874	-0.006241
	0.064221					
x38	0.039795	-0.009864	0.000097	-0.056305	0.045463	0.018472
	0.018426	-0.051718	0.005973	0.018897	-0.064768	-0.046787
	0.023134	-0.018999	0.007181	-0.052393	0.039250	0.092099
	-0.082604	-0.024627	-0.050297	-0.004331	-0.041989	-0.015750
	-0.007025	0.052179	-0.041791	-0.057845	0.046751	0.020957
	-0.044938					
y38	0.024172	-0.025992	0.023210	0.075128	0.008407	-0.033244
	-0.023373	0.024329	0.053570	0.018114	-0.027822	-0.090560
	0.017165	0.084334	0.020261	-0.122119	-0.106221	-0.052690
	-0.019655	0.005020	-0.034479	-0.006926	-0.095164	-0.073236
	-0.035404	0.110021	0.049123	0.007248	-0.053437	-0.059481
	0.101257					
z38	-0.000265	-0.040703	-0.032654	-0.004083	0.014778	-0.004529
	0.046263	0.041071	-0.070398	-0.000054	-0.032675	0.003652
	0.050079	-0.009587	0.032087	-0.025685	0.024171	0.061646
	0.031927	-0.069181	-0.001763	0.015098	0.021408	-0.008603
	-0.028257	-0.070857	-0.049279	-0.016040	-0.040454	-0.042802
	0.042724					
x39	0.036692	-0.006683	0.007851	-0.054864	0.039762	0.010283
	0.022310	-0.047065	-0.010240	0.019835	-0.066372	-0.050443
	0.020591	-0.021004	-0.002473	-0.041244	0.049007	0.109362
	-0.074087	-0.008357	-0.042996	0.000443	-0.028018	0.003170
	0.016149	0.044367	-0.046057	-0.033773	0.021133	0.030699
	-0.032118					

y39	0.016644	-0.013026	0.019659	0.063612	0.006631	-0.030612
	-0.025439	0.029387	0.056804	0.018252	-0.027497	-0.104838
	0.039137	0.055465	0.013468	-0.099802	-0.084075	-0.052997
	0.000620	0.032730	-0.031247	-0.010374	-0.083625	-0.013631
	-0.018792	0.057917	0.061635	0.011593	-0.031257	-0.040242
	0.115766					
z39	0.002395	-0.041213	-0.034072	-0.002853	0.010544	-0.010165
	0.042952	0.040187	-0.065268	0.005141	-0.042424	0.011829
	0.047016	-0.007137	0.015765	-0.004667	0.005505	0.035093
	0.055241	-0.067422	-0.026988	0.021850	0.004828	-0.002820
	-0.045795	-0.070933	-0.027207	-0.012022	-0.026151	-0.069180
	0.044929					
x40	0.032455	-0.005712	0.011843	-0.053243	0.040594	0.005574
	0.023195	-0.045904	-0.026633	0.026187	-0.063308	-0.055464
	0.020188	-0.021260	-0.007318	-0.042536	0.050861	0.116033
	-0.064454	0.004662	-0.035135	0.003163	-0.008199	0.013092
	0.037924	0.033616	-0.035077	-0.023786	0.004007	0.038255
	-0.023760					
y40	0.010380	-0.000428	0.016688	0.052502	0.002624	-0.030242
	-0.026058	0.033786	0.058718	0.015788	-0.029758	-0.113769
	0.054296	0.032452	0.006716	-0.078655	-0.063362	-0.049410
	0.019775	0.056520	-0.029259	-0.011067	-0.075733	0.036722
	-0.003262	0.020145	0.061186	0.020772	-0.010996	-0.025190
	0.125307					
z40	0.004441	-0.039718	-0.033816	-0.003150	0.005460	-0.017166
	0.041737	0.040118	-0.061140	0.007665	-0.048415	0.021796
	0.041829	-0.002630	0.001246	0.017632	-0.003370	0.018417
	0.076297	-0.062879	-0.047955	0.028362	-0.013064	0.011713
	-0.055532	-0.068085	-0.013135	0.000692	-0.012023	-0.083950
	0.036888					
x41	0.028985	-0.005940	0.010820	-0.048614	0.041575	0.004650
	0.020507	-0.041525	-0.038937	0.033602	-0.065156	-0.058454
	0.023920	-0.023332	0.001231	-0.032647	0.047308	0.107769
	-0.047866	0.011917	-0.031796	0.015048	-0.007541	0.022650
	0.042941	0.022011	-0.023809	-0.009338	-0.011126	0.030558
	-0.000144					
y41	0.004199	0.010963	0.014829	0.042454	-0.000296	-0.031576
	-0.025633	0.034578	0.057814	0.012480	-0.029093	-0.119344
	0.061534	0.016576	-0.001165	-0.063462	-0.046676	-0.042186
	0.032265	0.071530	-0.030735	-0.018191	-0.060466	0.072861
	0.010796	-0.009021	0.052541	0.023737	0.007210	-0.009821
	0.122723					

z41	0.005391	-0.036936	-0.032943	-0.008561	0.003250	-0.021834
	0.039751	0.036818	-0.055647	0.008594	-0.049042	0.031716
	0.035591	0.002607	-0.010803	0.029009	-0.006085	0.008905
	0.088754	-0.054672	-0.060389	0.034203	-0.022352	0.024834
	-0.052464	-0.062368	0.002030	0.009653	0.000916	-0.083819
	0.018838					
x42	0.024424	-0.003396	0.008275	-0.045582	0.044064	0.005795
	0.018694	-0.037295	-0.044722	0.038100	-0.066375	-0.067289
	0.028030	-0.026615	0.014298	-0.020513	0.041710	0.097545
	-0.033234	0.017978	-0.043907	0.011233	0.011528	0.034020
	0.045411	0.005265	-0.020079	-0.001191	-0.009856	0.023048
	-0.000908					
y42	-0.000980	0.018439	0.012443	0.032936	-0.001221	-0.032714
	-0.026757	0.034000	0.057753	0.011656	-0.029729	-0.112785
	0.060690	0.003858	-0.005106	-0.049317	-0.029811	-0.034503
	0.041384	0.076425	-0.018428	-0.015313	-0.055901	0.097617
	0.025626	-0.027161	0.043292	0.029108	0.011149	-0.000106
	0.111191					
z42	0.007228	-0.034824	-0.032507	-0.012955	0.002079	-0.024818
	0.035006	0.031591	-0.051567	0.009170	-0.045361	0.041267
	0.028976	0.011008	-0.017695	0.036440	-0.010679	0.000486
	0.093177	-0.049435	-0.069527	0.037532	-0.034283	0.029657
	-0.053402	-0.050438	0.018414	0.011664	0.013383	-0.077318
	0.012945					
x43	0.019860	0.001856	0.002832	-0.045967	0.048306	0.005977
	0.015093	-0.036181	-0.050997	0.039588	-0.067439	-0.070461
	0.026241	-0.028905	0.022336	-0.009750	0.028701	0.087966
	-0.015591	0.025645	-0.049382	0.014522	0.022525	0.050816
	0.050366	-0.008625	-0.021181	0.001192	-0.002841	0.024327
	-0.004209					
y43	-0.006463	0.023592	0.009211	0.024089	0.000180	-0.031524
	-0.028491	0.031882	0.060810	0.013656	-0.027654	-0.099804
	0.054497	-0.003274	-0.003541	-0.036853	-0.010444	-0.027870
	0.043160	0.069013	-0.005988	-0.011843	-0.046945	0.105117
	0.037026	-0.031688	0.035172	0.034221	0.008986	0.002963
	0.085905					
z43	0.009784	-0.034013	-0.031857	-0.016274	0.000722	-0.025249
	0.029151	0.026811	-0.047174	0.009070	-0.039727	0.047248
	0.021697	0.019244	-0.019260	0.039944	-0.013938	-0.006724
	0.090245	-0.046150	-0.078617	0.033552	-0.042019	0.030256
	-0.057395	-0.037699	0.033051	0.011039	0.025767	-0.068276
	0.007227					

x44	0.015552	0.006973	-0.001976	-0.046270	0.053518	0.007847
	0.011921	-0.039715	-0.051768	0.038028	-0.066550	-0.067596
	0.019934	-0.025219	0.028411	-0.003521	0.012889	0.073935
	0.001341	0.033465	-0.054533	0.024463	0.030597	0.055955
	0.046861	-0.012876	-0.023685	-0.005686	0.010910	0.030474
	-0.018388					
y44	-0.012675	0.028132	0.002397	0.016972	0.004116	-0.031958
	-0.030710	0.028978	0.060224	0.013840	-0.022349	-0.081507
	0.043153	-0.004787	0.002081	-0.022686	0.006811	-0.020453
	0.041704	0.049654	0.005363	-0.010749	-0.034688	0.102789
	0.043268	-0.028367	0.025674	0.040278	0.006340	-0.006414
	0.056526					
z44	0.013421	-0.032746	-0.031178	-0.021077	-0.000811	-0.023671
	0.023166	0.022570	-0.041899	0.011854	-0.032254	0.050867
	0.013063	0.026276	-0.015827	0.038306	-0.014999	-0.012033
	0.082343	-0.040671	-0.086741	0.026304	-0.052191	0.034149
	-0.056488	-0.024006	0.050084	0.009981	0.042766	-0.050710
	-0.001960					
x45	0.011179	0.012339	-0.011038	-0.050848	0.060972	0.015699
	0.008438	-0.039625	-0.046097	0.034251	-0.058467	-0.057467
	0.004401	-0.022178	0.040014	0.009102	-0.004057	0.048527
	0.007989	0.029886	-0.053068	0.027635	0.031140	0.058696
	0.042953	-0.012137	-0.026823	-0.017851	0.035431	0.030573
	-0.036817					
y45	-0.019317	0.033161	-0.005477	0.015513	0.009999	-0.038802
	-0.030559	0.019521	0.050006	0.006717	-0.013964	-0.059984
	0.026992	0.001284	0.007658	-0.009838	0.018614	-0.009626
	0.041440	0.023157	0.003545	-0.010061	-0.019186	0.084341
	0.038148	-0.023132	0.016177	0.042652	0.007945	-0.032917
	0.022948					
z45	0.018039	-0.031293	-0.031629	-0.028375	-0.001516	-0.018426
	0.015393	0.019044	-0.032783	0.021502	-0.022432	0.053406
	0.006590	0.034712	-0.005361	0.031589	-0.013345	-0.017522
	0.070937	-0.031096	-0.089184	0.018312	-0.067219	0.044770
	-0.054295	-0.003830	0.066832	0.007462	0.064159	-0.013470
	-0.022222					
x46	0.008229	0.014596	-0.018279	-0.056411	0.068975	0.025748
	-0.000007	-0.039686	-0.038870	0.030247	-0.051712	-0.043449
	-0.014426	-0.017069	0.055493	0.024712	-0.025002	0.030842
	0.011282	0.020247	-0.052002	0.020616	0.038528	0.052407
	0.039739	0.000560	-0.031790	-0.027075	0.054242	0.033639
	-0.052908					

y46	-0.024772	0.038003	-0.014965	0.014430	0.015234	-0.045437
	-0.029858	0.010346	0.041924	0.003695	-0.007697	-0.035207
	0.007165	0.009194	0.018611	-0.000769	0.023027	-0.002965
	0.039486	-0.007978	0.000221	-0.009087	-0.012423	0.063308
	0.028341	-0.011438	0.002720	0.038139	0.014095	-0.061611
	-0.016902					
z46	0.021482	-0.028356	-0.034277	-0.036109	0.000721	-0.009822
	0.006219	0.015577	-0.025682	0.031362	-0.005911	0.054397
	-0.000914	0.045606	0.010948	0.024874	-0.009874	-0.024274
	0.058133	-0.024256	-0.089881	0.006264	-0.079882	0.057583
	-0.052284	0.012687	0.082721	0.006758	0.090315	0.032769
	-0.049875					
x47	0.014952	0.010771	0.035029	-0.029730	0.058495	0.039441
	0.028894	0.003111	-0.104753	-0.028652	-0.022206	0.008226
	-0.074695	0.046439	-0.050028	0.086635	0.004921	0.106437
	0.024864	0.001946	-0.031668	0.049417	0.048543	0.045087
	0.052910	0.078266	0.007038	-0.012779	0.046701	-0.076473
	0.045387					
y47	-0.033512	0.045430	-0.048545	0.033376	0.041297	-0.070590
	-0.050670	-0.063357	0.036397	0.036233	0.037507	0.026096
	-0.043429	0.056649	0.029248	-0.016385	0.018966	0.021673
	-0.035093	0.059623	0.082966	0.023785	0.071220	-0.045470
	0.045767	0.010536	0.024173	0.082938	-0.013429	0.118135
	0.040843					
z47	0.056970	-0.059591	0.001813	-0.045127	0.017600	-0.038358
	0.031536	0.023921	-0.008303	0.064366	-0.001787	0.047560
	-0.038213	0.038673	0.010535	-0.014495	-0.064947	0.059105
	0.010576	-0.070525	-0.022576	-0.069860	0.037646	-0.052779
	0.036592	0.075511	-0.042073	0.045144	0.036162	0.011105
	-0.019325					
x48	0.012413	0.018521	0.035707	-0.023290	0.064583	0.048041
	0.019388	-0.002553	-0.102756	-0.028872	-0.018992	0.011182
	-0.074902	0.036603	-0.028418	0.071696	0.007870	0.088962
	0.007207	0.007748	-0.012758	0.056062	0.039659	0.042992
	0.052376	0.059575	0.012175	-0.012804	0.036375	-0.053204
	0.069160					
y48	-0.035856	0.046339	-0.049664	0.022759	0.038561	-0.072795
	-0.045046	-0.057468	0.032258	0.032913	0.033874	0.028083
	-0.035209	0.056758	0.025505	-0.008826	0.012561	0.013144
	-0.030720	0.053232	0.082967	0.015625	0.065649	-0.042934
	0.050788	0.002867	0.019083	0.067832	-0.007331	0.089762
	0.048549					

z48	0.055931	-0.059994	0.000777	-0.042488	0.016534	-0.035598
	0.027658	0.016942	-0.010305	0.053094	0.000827	0.046229
	-0.036259	0.034694	0.005831	-0.019045	-0.055622	0.043995
	0.008577	-0.048716	-0.016448	-0.069408	0.055953	-0.040396
	0.029102	0.067115	-0.021346	0.048540	0.015229	-0.006960
	-0.020648					
x49	0.008620	0.027743	0.034030	-0.017003	0.067026	0.054666
	0.012950	-0.003052	-0.100173	-0.026154	-0.013510	0.015507
	-0.070339	0.027274	-0.012709	0.062576	0.005791	0.070083
	-0.000478	0.016191	-0.004440	0.061733	0.020224	0.044350
	0.042209	0.051520	0.016834	-0.005221	0.039352	-0.028480
	0.072694					
y49	-0.039145	0.050722	-0.051901	0.016263	0.033940	-0.074956
	-0.035302	-0.049146	0.024288	0.030202	0.034205	0.028623
	-0.029100	0.060640	0.019871	0.001920	0.003224	0.008942
	-0.011583	0.050211	0.069470	0.013907	0.053982	-0.036914
	0.046369	0.008521	0.015069	0.059218	0.009670	0.072396
	0.034212					
z49	0.053944	-0.057554	-0.000342	-0.038048	0.015681	-0.033645
	0.026787	0.011732	-0.014808	0.043374	0.004551	0.042669
	-0.036093	0.034964	-0.001488	-0.019704	-0.045952	0.033916
	0.010489	-0.028828	-0.017167	-0.065454	0.069757	-0.031166
	0.016170	0.068841	-0.006316	0.054325	0.004084	-0.020460
	-0.027845					
x50	0.003639	0.031236	0.033742	-0.015911	0.071709	0.059644
	0.003839	-0.002374	-0.096523	-0.029431	-0.009551	0.017557
	-0.067746	0.015392	0.000064	0.049245	0.007312	0.060693
	-0.014859	0.012859	0.002951	0.065568	0.008408	0.039424
	0.040738	0.042175	0.025051	0.002296	0.028775	-0.013278
	0.083610					
y50	-0.042413	0.051560	-0.053836	0.007963	0.031644	-0.075053
	-0.034365	-0.045803	0.022163	0.022755	0.027047	0.024194
	-0.027227	0.060872	0.018898	0.004666	0.000028	0.024596
	0.003928	0.038124	0.069658	0.023698	0.043693	-0.027827
	0.045365	0.014806	0.027700	0.045670	-0.000807	0.063334
	0.009341					
z50	0.052502	-0.055931	-0.001261	-0.036269	0.016264	-0.028475
	0.021899	0.008453	-0.017899	0.034171	0.003758	0.040365
	-0.038708	0.029696	-0.006879	-0.025579	-0.036717	0.031909
	0.006849	-0.014956	-0.012048	-0.055761	0.078115	-0.016319
	0.011457	0.071156	0.019124	0.054712	-0.015848	-0.022903
	-0.036873					

x51	-0.002832	0.034174	0.033606	-0.015630	0.074356	0.063400
	-0.003631	-0.001639	-0.089032	-0.030823	-0.005299	0.018307
	-0.059416	0.006301	0.006449	0.039296	0.007678	0.048591
	-0.022098	0.010497	0.007713	0.064792	-0.009600	0.031506
	0.029828	0.028634	0.024573	0.013948	0.020857	0.001297
	0.092860					
y51	-0.046322	0.056442	-0.053896	0.000013	0.032010	-0.073028
	-0.032477	-0.042099	0.022454	0.016622	0.024885	0.023666
	-0.023003	0.064392	0.011579	0.006208	0.001404	0.026659
	0.010838	0.030064	0.066380	0.013835	0.028627	-0.017034
	0.035452	0.015717	0.021913	0.052395	-0.001925	0.048474
	0.008933					
z51	0.049937	-0.051256	-0.001711	-0.033981	0.019250	-0.022823
	0.017946	0.002736	-0.018769	0.026135	0.005249	0.037626
	-0.039659	0.030487	-0.015993	-0.029480	-0.026124	0.025052
	0.001007	0.000320	-0.008482	-0.054614	0.077528	-0.001559
	-0.001669	0.069866	0.029475	0.062127	-0.029800	-0.024285
	-0.031996					
x52	-0.008812	0.033146	0.033737	-0.014000	0.074952	0.066520
	-0.009219	0.002298	-0.080742	-0.030879	-0.001989	0.014909
	-0.053637	-0.005346	0.013543	0.027969	0.009758	0.036286
	-0.021548	0.005801	0.008271	0.055714	-0.017098	0.017537
	0.025109	0.007724	0.026413	0.021368	0.013758	0.006691
	0.103517					
y52	-0.047963	0.059352	-0.053936	-0.002230	0.031241	-0.067712
	-0.027353	-0.037160	0.018783	0.012424	0.021261	0.018717
	-0.021586	0.069569	0.013812	0.002988	0.008893	0.032626
	0.026444	0.022296	0.062738	0.012031	0.022959	-0.019267
	0.030375	0.011043	0.012561	0.049041	0.003720	0.043468
	0.017724					
z52	0.048049	-0.045880	-0.001890	-0.028383	0.023431	-0.016981
	0.017750	-0.000413	-0.022205	0.018776	0.008661	0.030565
	-0.041276	0.031245	-0.019150	-0.034746	-0.008321	0.020367
	0.003129	0.012846	-0.006003	-0.048294	0.081105	0.003975
	-0.003300	0.059045	0.037400	0.062008	-0.035897	-0.028898
	-0.018210					
x53	-0.015788	0.031508	0.033875	-0.015951	0.075189	0.067005
	-0.014880	0.006458	-0.070313	-0.031474	0.001356	0.011531
	-0.042113	-0.016428	0.017929	0.019336	0.006884	0.025584
	-0.016322	0.000160	0.007732	0.042461	-0.027681	0.001102
	0.017279	-0.002666	0.025782	0.025233	0.012451	0.008194
	0.105992					

y53	-0.049353	0.064272	-0.051279	-0.008638	0.032378	-0.059863
	-0.024880	-0.034384	0.017081	0.007061	0.016862	0.016412
	-0.019048	0.072702	0.015716	0.003034	0.011891	0.036871
	0.037977	0.019952	0.053437	0.006889	0.019370	-0.016289
	0.023906	0.018268	0.011288	0.055928	0.006788	0.041438
	0.026483					
z53	0.046136	-0.038246	-0.000675	-0.025677	0.029362	-0.007992
	0.014691	-0.005042	-0.021456	0.014539	0.008936	0.026212
	-0.040983	0.033088	-0.021043	-0.037886	0.004271	0.016276
	0.002136	0.026328	-0.001909	-0.044231	0.077045	0.012497
	-0.003413	0.061888	0.047366	0.061832	-0.038995	-0.021805
	-0.004552					
x54	-0.024449	0.028011	0.032144	-0.018136	0.073150	0.065727
	-0.017643	0.016298	-0.056772	-0.029387	0.005777	0.008126
	-0.030486	-0.032105	0.017366	0.013011	0.000576	0.010893
	-0.000152	-0.001201	0.002535	0.023637	-0.040297	-0.009760
	0.009256	-0.020309	0.026974	0.032419	0.012275	0.000924
	0.092750					
y54	-0.051631	0.070146	-0.049587	-0.013819	0.034519	-0.053629
	-0.019709	-0.030279	0.013229	0.000587	0.012336	0.016526
	-0.018968	0.071630	0.014461	0.002571	0.009790	0.038623
	0.050794	0.020934	0.040522	0.004138	0.009538	-0.016371
	0.021519	0.011733	0.002955	0.065079	0.021778	0.041117
	0.030397					
z54	0.042215	-0.029175	0.000102	-0.021441	0.037953	-0.001677
	0.014668	-0.010942	-0.026049	0.006318	0.010262	0.020412
	-0.044298	0.031781	-0.026296	-0.042132	0.011958	0.010841
	0.001983	0.039353	-0.003915	-0.037313	0.070285	0.015522
	-0.004276	0.051103	0.050548	0.056674	-0.035744	-0.020089
	0.013569					
x55	-0.032988	0.022179	0.028942	-0.020575	0.068571	0.061314
	-0.018216	0.028177	-0.043540	-0.024691	0.012806	0.002953
	-0.018457	-0.048877	0.014338	0.011777	-0.008273	0.002381
	0.021253	-0.003275	-0.010410	-0.006100	-0.051371	-0.019224
	-0.004023	-0.038065	0.025840	0.036185	0.008403	-0.020023
	0.079455					
y55	-0.052498	0.072875	-0.043143	-0.019887	0.030612	-0.045645
	-0.013256	-0.019650	0.012661	-0.004084	-0.003564	0.020631
	-0.016913	0.072151	0.027131	0.003438	0.011303	0.044437
	0.059509	0.021720	0.035842	-0.010939	-0.003382	0.005715
	0.011705	0.007033	0.004826	0.065627	0.021513	0.037623
	0.001846					

z55	0.040109	-0.023476	0.004825	-0.022963	0.041800	0.008778
	0.014621	-0.008295	-0.020734	0.006675	-0.000941	0.019654
	-0.047244	0.030175	-0.020086	-0.040323	0.027989	0.011551
	-0.007337	0.046661	0.008857	-0.027766	0.058080	0.037291
	0.004977	0.045984	0.061568	0.051244	-0.045688	-0.004834
	-0.001893					
x56	-0.042606	0.014148	0.024733	-0.022710	0.061771	0.055855
	-0.020114	0.045201	-0.026991	-0.021705	0.020111	-0.001275
	-0.003639	-0.060919	0.011834	0.012594	-0.018612	-0.017901
	0.044001	-0.014643	-0.020460	-0.035963	-0.067608	-0.027979
	-0.021863	-0.052714	0.034075	0.029002	0.018544	-0.041064
	0.049177					
y56	-0.051749	0.076798	-0.047478	-0.016854	0.033056	-0.039737
	-0.012666	-0.015406	0.009166	-0.000499	0.006829	0.031094
	-0.019852	0.075742	0.027889	0.008055	0.006262	0.040216
	0.068366	0.010422	0.024839	-0.000279	-0.004183	0.028104
	0.003610	0.012507	-0.006008	0.048693	0.037762	0.034529
	0.031887					
z56	0.037545	-0.015259	0.001025	-0.017776	0.053028	0.013544
	0.012963	-0.014392	-0.021899	0.004540	0.008391	0.017930
	-0.049577	0.032503	-0.020964	-0.035226	0.038351	0.010275
	-0.016987	0.042151	0.013385	-0.007066	0.053960	0.043387
	0.015672	0.049356	0.059927	0.019704	-0.046417	0.002190
	0.032105					
x57	-0.049012	0.004268	0.027500	-0.014181	0.053955	0.041044
	-0.026933	0.039872	-0.014906	-0.023453	0.025749	0.016022
	0.000757	-0.069087	0.000844	0.009114	-0.010494	-0.016586
	0.018259	-0.013733	-0.033017	-0.024943	-0.070609	-0.012572
	-0.019582	-0.031128	0.035145	0.014398	0.019679	-0.051242
	0.026864					
y57	-0.054910	0.077154	-0.043469	-0.022435	0.028465	-0.036949
	-0.010989	-0.010044	0.002984	-0.005514	-0.000329	0.029783
	-0.014704	0.064393	0.031030	0.013158	0.004331	0.038965
	0.051443	0.010972	0.017314	0.001666	0.008983	0.023433
	0.000744	-0.003974	-0.010280	0.032862	0.034368	0.031708
	0.009519					
z57	0.034234	-0.007195	0.000080	-0.018549	0.054559	0.020887
	0.020516	-0.010007	-0.027613	-0.006796	0.011877	0.014472
	-0.044657	0.027437	-0.021958	-0.030420	0.029527	0.001531
	-0.018148	0.043337	0.023018	-0.009599	0.052251	0.037662
	0.020469	0.020094	0.064825	0.006042	-0.041751	-0.010520
	0.025495					

x58	-0.055052	-0.005295	0.030425	-0.006657	0.047213	0.027113
	-0.033353	0.035424	-0.003547	-0.023210	0.030991	0.028382
	0.004407	-0.074084	-0.005570	0.007104	-0.001457	-0.013878
	0.000030	-0.013124	-0.046303	-0.018873	-0.074172	-0.001682
	-0.015082	-0.009762	0.030865	0.005112	0.017285	-0.059110
	0.006487					
y58	-0.057830	0.076800	-0.039214	-0.030730	0.027938	-0.035185
	-0.008550	-0.005061	0.000261	-0.004951	-0.008180	0.025304
	-0.012681	0.052730	0.036426	0.017859	0.003601	0.039315
	0.041058	0.013240	0.004930	-0.002750	0.006638	0.008420
	-0.003449	-0.006531	-0.013201	0.032872	0.024734	0.023078
	-0.004345					
z58	0.030080	-0.000762	-0.000390	-0.019436	0.058907	0.025555
	0.027245	-0.005400	-0.026544	-0.011479	0.014910	0.007169
	-0.041730	0.021917	-0.017724	-0.026298	0.027269	-0.005073
	-0.014151	0.045935	0.023333	-0.017242	0.040842	0.023763
	0.023567	0.013162	0.061474	-0.002186	-0.042496	-0.020568
	0.016866					
x59	-0.060457	-0.013280	0.032001	-0.000312	0.039403	0.016815
	-0.040370	0.032249	0.005574	-0.022423	0.036125	0.035835
	0.006250	-0.072944	-0.009776	0.009922	0.006113	-0.009453
	-0.014559	-0.015914	-0.053798	-0.017619	-0.073668	0.008972
	-0.010648	0.002030	0.024114	0.001394	0.015606	-0.062363
	-0.018206					
y59	-0.061240	0.075507	-0.035442	-0.034822	0.024998	-0.032178
	-0.010372	0.000780	0.002539	-0.006914	-0.013628	0.023324
	-0.006028	0.038870	0.032936	0.018853	0.003901	0.053571
	0.032386	0.023270	0.004084	-0.006629	0.016123	0.016046
	-0.018085	-0.008859	-0.010386	0.012982	0.020004	0.004541
	-0.003292					
z59	0.024893	0.005039	-0.002852	-0.017731	0.060828	0.030887
	0.026448	-0.001945	-0.021694	-0.017780	0.017857	-0.001471
	-0.037389	0.017699	-0.018240	-0.020057	0.025065	0.003829
	-0.003468	0.044521	0.037318	-0.022464	0.044475	0.023262
	0.018597	0.003039	0.061063	-0.019963	-0.045677	-0.031538
	0.007555					
x60	-0.065956	-0.020425	0.032431	0.005601	0.032024	0.008830
	-0.046845	0.026451	0.011326	-0.018884	0.041132	0.040809
	0.005296	-0.071626	-0.016306	0.009442	0.012302	-0.005061
	-0.026742	-0.018239	-0.062845	-0.015211	-0.073869	0.013553
	-0.006067	0.009168	0.019630	-0.002602	0.005739	-0.057096
	-0.024978					

y60	-0.062673	0.069720	-0.030814	-0.039143	0.024241	-0.030988
	-0.011229	0.007810	0.001743	-0.006746	-0.019867	0.027035
	-0.007644	0.031198	0.031917	0.021732	0.005302	0.047933
	0.016545	0.017841	0.006064	0.006743	0.022734	0.006124
	-0.020583	-0.011069	0.000397	0.004203	0.005678	0.017919
	-0.021508					
z60	0.020671	0.006879	-0.002280	-0.016771	0.062703	0.034091
	0.027810	0.006454	-0.013386	-0.019427	0.018331	0.001260
	-0.037649	0.009103	-0.015611	-0.008964	0.028320	0.000946
	-0.009570	0.039534	0.047825	-0.016545	0.042974	0.011431
	0.020226	-0.008663	0.070136	-0.024806	-0.050101	-0.014595
	-0.016856					
x61	-0.070566	-0.025529	0.031349	0.010488	0.022943	0.005137
	-0.052237	0.022778	0.018121	-0.012249	0.047017	0.042347
	0.003245	-0.066023	-0.020622	0.010308	0.015939	0.000051
	-0.033794	-0.020045	-0.069389	-0.016465	-0.075978	0.020980
	-0.001449	0.011380	0.016823	-0.001565	-0.004617	-0.047384
	-0.029196					
y61	-0.063082	0.069024	-0.027228	-0.039894	0.022572	-0.030061
	-0.008718	0.013949	-0.003170	0.000278	-0.023811	0.025333
	-0.005227	0.026827	0.032503	0.024750	0.001280	0.035813
	0.006572	0.014732	-0.001719	-0.001540	0.003521	0.001401
	-0.017686	-0.014986	-0.000019	0.001070	0.008406	0.004939
	-0.025439					
z61	0.015933	0.011973	-0.000679	-0.014675	0.065600	0.032022
	0.028218	0.010202	-0.011973	-0.016932	0.021543	-0.002801
	-0.032724	0.007999	-0.012728	-0.000406	0.030878	-0.005800
	-0.015864	0.036129	0.035698	-0.018758	0.024625	-0.002778
	0.022197	-0.020787	0.047959	-0.025665	-0.043632	-0.016252
	-0.023467					
x62	-0.075116	-0.029735	0.030056	0.014488	0.013039	0.003578
	-0.057442	0.020614	0.022254	-0.004665	0.053000	0.037647
	-0.000191	-0.054062	-0.019974	0.012823	0.020876	0.004310
	-0.037330	-0.023784	-0.075231	-0.021665	-0.072330	0.022685
	0.001894	0.010107	0.011023	0.004676	-0.008989	-0.033514
	-0.041911					
y62	-0.062578	0.069459	-0.025445	-0.042231	0.020996	-0.027126
	-0.000320	0.016446	-0.003346	0.005918	-0.027341	0.027351
	-0.002508	0.014911	0.028428	0.020321	-0.005445	0.027955
	-0.001228	0.016957	-0.001217	-0.015259	-0.020112	0.010163
	-0.016539	-0.017536	0.003460	0.001745	-0.009288	-0.005656
	-0.027712					

z62	0.012423	0.014993	-0.000617	-0.013330	0.067257	0.030490
	0.032289	0.010548	-0.003140	-0.014256	0.023262	-0.002718
	-0.031588	0.000532	-0.011756	-0.000901	0.030455	-0.010354
	-0.024421	0.031417	0.037063	-0.022981	0.004455	-0.001588
	0.022228	-0.023386	0.028213	-0.024321	-0.052473	-0.018883
	-0.026006					
x63	-0.078300	-0.033803	0.028104	0.017602	0.003285	0.004638
	-0.061826	0.016447	0.026726	0.004635	0.060927	0.031432
	-0.003267	-0.041401	-0.018424	0.022617	0.025498	0.017992
	-0.035021	-0.030094	-0.078806	-0.031388	-0.066514	0.022430
	0.014177	0.007109	-0.007744	0.018202	-0.025287	-0.017187
	-0.032704					
y63	-0.064398	0.066701	-0.025389	-0.042764	0.020626	-0.020918
	0.000018	0.022247	-0.009442	0.007120	-0.030979	0.028340
	-0.002148	0.014695	0.021839	0.003466	-0.007789	0.011895
	-0.018224	0.011464	-0.001730	-0.016368	-0.024346	0.015945
	-0.022576	-0.019614	0.027043	-0.006575	-0.006307	0.001598
	-0.031442					
z63	0.004818	0.018524	-0.002407	-0.009875	0.067799	0.032577
	0.026390	0.015370	0.000954	-0.015587	0.024942	-0.004218
	-0.031620	-0.003386	-0.012339	-0.002973	0.037917	-0.015381
	-0.039611	0.022736	0.037024	-0.026587	0.002308	-0.010286
	0.007234	-0.027155	0.033828	-0.020855	-0.037407	-0.007394
	-0.042229					
x64	-0.081873	-0.035493	0.024355	0.018504	-0.006905	0.009817
	-0.067479	0.012078	0.026252	0.016136	0.066515	0.021264
	-0.009460	-0.026374	-0.017886	0.022702	0.022384	0.027086
	-0.029880	-0.037240	-0.080324	-0.039766	-0.062507	0.021435
	0.023184	-0.003808	-0.016765	0.030397	-0.043868	0.007901
	-0.020894					
y64	-0.064756	0.061026	-0.021661	-0.041715	0.015641	-0.015252
	0.005647	0.023223	-0.010276	0.010129	-0.034328	0.024696
	-0.004482	0.012604	0.020353	0.003733	-0.010824	0.003861
	-0.027025	0.013821	-0.004047	-0.019603	-0.034751	0.002348
	-0.019966	-0.019168	0.042118	-0.016831	0.002229	-0.004684
	-0.029303					
z64	-0.002114	0.018230	-0.000340	-0.004988	0.064304	0.031233
	0.023583	0.016146	0.010309	-0.015034	0.027592	-0.008662
	-0.034325	-0.008626	-0.007850	0.006666	0.044157	-0.015230
	-0.050078	0.020823	0.027463	-0.020289	-0.003191	-0.033687
	0.004214	-0.026326	0.023767	-0.018843	-0.020175	-0.004133
	-0.061727					

x65	-0.085351	-0.035831	0.021964	0.018506	-0.018992	0.016922
	-0.071526	0.012172	0.027177	0.028288	0.067380	0.005367
	-0.017075	-0.005393	-0.009324	0.026178	0.021588	0.031636
	-0.024480	-0.043611	-0.079064	-0.057375	-0.062512	0.021416
	0.027621	-0.020471	-0.023760	0.048045	-0.053484	0.038117
	-0.026264					
y65	-0.062779	0.054832	-0.021955	-0.040275	0.014191	-0.008374
	0.012046	0.019173	-0.014279	0.013366	-0.025975	0.026655
	-0.004617	0.013468	0.008784	-0.000496	-0.009849	0.000559
	-0.028705	0.005037	-0.004440	-0.024897	-0.035026	-0.004554
	-0.005021	-0.010466	0.034386	-0.024141	-0.012334	-0.004765
	-0.000454					
z65	-0.008107	0.017693	-0.001453	0.001130	0.062981	0.029066
	0.019016	0.011978	0.014733	-0.015151	0.039744	-0.009183
	-0.035378	-0.015637	-0.011343	0.014000	0.053606	-0.007429
	-0.056703	0.010066	0.017121	-0.022214	0.002744	-0.052339
	0.006233	-0.015732	-0.012567	-0.011118	-0.014174	0.000648
	-0.056979					
x66	-0.090165	-0.036655	0.021371	0.021138	-0.024388	0.015378
	-0.066767	0.010563	0.019576	0.035940	0.069052	-0.001177
	-0.016373	-0.012426	-0.019956	0.000577	0.008266	0.028822
	-0.008364	-0.043007	-0.058297	-0.039677	-0.044483	0.032942
	0.034374	-0.019565	-0.009309	0.046323	-0.044745	0.008964
	-0.001052					
y66	-0.063347	0.051679	-0.017461	-0.040690	0.009634	-0.004713
	0.014309	0.023108	-0.025461	0.018117	-0.029150	0.028505
	-0.002312	0.008454	0.010540	-0.016249	-0.013655	-0.009213
	-0.029445	-0.003390	0.009971	-0.013730	-0.028683	-0.011531
	-0.001804	-0.029210	0.036795	-0.026756	-0.024626	-0.003630
	0.017491					
z66	-0.016544	0.021337	-0.006408	0.008404	0.057970	0.030581
	0.013366	0.000185	0.016914	-0.011778	0.031170	-0.015186
	-0.041261	-0.021109	-0.017026	0.003075	0.048078	-0.000737
	-0.054925	-0.000439	0.029265	-0.016504	0.006523	-0.047589
	0.011357	-0.028403	-0.012711	-0.021702	-0.024880	0.004111
	-0.053421					
x67	-0.093827	-0.036312	0.021833	0.023478	-0.029296	0.012089
	-0.063912	0.010878	0.012883	0.041175	0.066221	-0.009544
	-0.015430	-0.016087	-0.026940	-0.021648	-0.000057	0.022761
	-0.000049	-0.043803	-0.036738	-0.028262	-0.027041	0.038008
	0.030733	-0.023119	0.006399	0.043250	-0.039521	-0.016931
	0.007512					

y67	-0.063213	0.045394	-0.012480	-0.041000	0.007318	-0.001150
	0.017033	0.026475	-0.031719	0.021637	-0.024204	0.037071
	0.004191	0.007249	0.007165	-0.023522	-0.017976	-0.010119
	-0.024895	-0.011626	0.012558	-0.002951	-0.016195	-0.011946
	0.008133	-0.029356	0.031523	-0.016176	-0.024502	-0.003777
	0.040980					
z67	-0.023364	0.021438	-0.009509	0.014960	0.055370	0.034139
	0.010598	-0.010241	0.021576	-0.008000	0.030596	-0.013138
	-0.037724	-0.023599	-0.024372	-0.003122	0.040316	0.010266
	-0.043928	-0.011032	0.035869	-0.017652	0.008227	-0.035447
	0.021170	-0.019849	-0.019683	-0.022192	-0.020659	0.004751
	-0.036301					
x68	-0.094969	-0.036400	0.021861	0.024360	-0.032662	0.010593
	-0.062485	0.010084	0.007870	0.044213	0.061743	-0.012919
	-0.012721	-0.018196	-0.034760	-0.042079	-0.011162	0.018060
	0.011037	-0.046258	-0.010928	-0.020429	-0.013811	0.046549
	0.029859	-0.022530	0.017088	0.034105	-0.041132	-0.036549
	0.022012					
y68	-0.063824	0.039705	-0.006573	-0.040024	0.003402	0.000148
	0.020957	0.031881	-0.037366	0.023351	-0.019145	0.038613
	0.008266	0.007052	0.011313	-0.020743	-0.012341	-0.007746
	-0.030972	-0.017654	0.005769	0.003435	-0.000408	-0.023813
	0.010577	-0.032785	0.020534	0.000134	-0.016219	0.002767
	0.044834					
z68	-0.030554	0.022699	-0.011448	0.021680	0.050852	0.035950
	0.009807	-0.016617	0.021688	-0.004030	0.031075	-0.016816
	-0.036646	-0.022364	-0.027137	-0.003313	0.038956	0.018912
	-0.044407	-0.013063	0.024311	-0.016014	0.015292	-0.035714
	0.018098	-0.025846	-0.024392	-0.012933	-0.011951	0.013180
	-0.028154					
x69	-0.094063	-0.036347	0.022630	0.023894	-0.034374	0.008032
	-0.059915	0.010524	0.001133	0.044026	0.056903	-0.014856
	-0.010840	-0.017062	-0.038526	-0.056189	-0.019568	0.018960
	0.019924	-0.043407	0.012951	-0.010567	-0.001621	0.047377
	0.026364	-0.026121	0.015983	0.025071	-0.043808	-0.048292
	0.033487					
y69	-0.063859	0.035624	-0.003203	-0.037150	-0.003408	0.004245
	0.023180	0.037617	-0.039764	0.024765	-0.014121	0.041606
	0.013267	0.006424	0.013621	-0.019797	-0.011978	-0.014365
	-0.030007	-0.027230	-0.003921	0.000739	0.002481	-0.021236
	0.014052	-0.032962	0.026322	0.007227	-0.000909	0.003725
	0.045350					

z69	-0.036847	0.023513	-0.012588	0.029697	0.045317	0.040639
	0.006093	-0.020907	0.025252	-0.002287	0.030443	-0.019637
	-0.032158	-0.023750	-0.029675	-0.007216	0.035514	0.019225
	-0.042917	-0.026111	0.016604	-0.027130	0.019147	-0.033564
	0.026893	-0.012780	-0.012461	-0.014257	0.001031	0.011737
	-0.021737					
x70	-0.091417	-0.037889	0.024468	0.025518	-0.036127	0.003553
	-0.057498	0.008813	-0.000029	0.041702	0.051914	-0.015482
	-0.005607	-0.014182	-0.041786	-0.064812	-0.028696	0.015183
	0.025376	-0.047513	0.027548	-0.007826	0.008943	0.041751
	0.025346	-0.020520	0.019562	0.010049	-0.051170	-0.056724
	0.043480					
y70	-0.064132	0.034116	-0.000729	-0.037606	-0.007669	0.009902
	0.025425	0.045402	-0.046734	0.025043	-0.011170	0.043379
	0.015142	0.004948	0.016698	-0.021326	-0.013682	-0.012081
	-0.023152	-0.024220	0.001028	-0.002980	0.001163	-0.013478
	0.002556	-0.043215	0.015875	0.022475	0.016941	0.008597
	0.026615					
z70	-0.041693	0.025621	-0.013063	0.033554	0.041388	0.046630
	0.004858	-0.019299	0.021127	0.000616	0.029379	-0.019340
	-0.025160	-0.020756	-0.030229	-0.008729	0.032677	0.024597
	-0.041084	-0.025236	0.015482	-0.028219	0.023691	-0.030502
	0.017265	-0.013826	-0.020948	0.000672	0.017534	0.020480
	-0.023297					
x71	-0.085838	-0.038571	0.025347	0.024244	-0.036265	0.001257
	-0.056420	0.011606	0.001082	0.039528	0.045689	-0.012615
	-0.002536	-0.005717	-0.040484	-0.067906	-0.033508	0.017538
	0.026980	-0.045232	0.047057	-0.009230	0.017597	0.036805
	0.012430	-0.018197	0.016443	0.005543	-0.059159	-0.045628
	0.046898					
y71	-0.065501	0.030295	0.003376	-0.035959	-0.012951	0.013666
	0.028510	0.047974	-0.054823	0.021362	-0.010158	0.041405
	0.019068	0.003114	0.016227	-0.022634	-0.013447	-0.013819
	-0.017667	-0.030715	-0.002646	-0.002304	0.004596	-0.017555
	0.005262	-0.049464	0.009368	0.020527	0.034598	-0.001027
	0.019657					
z71	-0.046762	0.026409	-0.011146	0.041811	0.037449	0.050482
	0.004102	-0.018419	0.016046	-0.003853	0.028822	-0.020566
	-0.013735	-0.021962	-0.031225	-0.011710	0.027381	0.021617
	-0.032729	-0.030914	0.006538	-0.038142	0.027055	-0.034358
	0.026319	-0.000944	-0.022821	0.000901	0.034862	0.011860
	-0.020601					

x72	-0.080999	-0.040092	0.026898	0.022926	-0.037078	-0.001067
	-0.055508	0.011489	0.001266	0.031845	0.040722	-0.014760
	0.005081	0.006006	-0.037614	-0.069258	-0.034809	0.023393
	0.034762	-0.042227	0.052832	-0.013180	0.023252	0.021619
	0.002696	0.000780	0.020408	-0.007262	-0.056786	-0.034513
	0.031151					
y72	-0.064218	0.025470	0.005660	-0.034507	-0.015174	0.019466
	0.030646	0.051894	-0.058386	0.015378	-0.011863	0.044346
	0.016876	0.004489	0.020186	-0.017233	-0.016995	-0.014321
	-0.012992	-0.031555	0.002611	-0.006077	0.005608	-0.020110
	-0.001607	-0.058800	-0.008696	0.031341	0.042501	0.007446
	0.019514					
z72	-0.048002	0.027153	-0.008463	0.049088	0.034236	0.054657
	0.005515	-0.011019	0.011618	-0.003698	0.025862	-0.012468
	-0.002072	-0.022763	-0.032830	-0.010630	0.019605	0.013061
	-0.034773	-0.029984	0.008125	-0.046625	0.033441	-0.031518
	0.020473	-0.010755	-0.031011	0.017527	0.038386	0.014113
	-0.002438					
x73	-0.072976	-0.039847	0.029778	0.020982	-0.034895	-0.003274
	-0.054282	0.016489	0.000344	0.028048	0.029867	-0.010128
	0.008059	0.015092	-0.031924	-0.064111	-0.043709	0.018791
	0.028576	-0.048520	0.061638	-0.026988	0.018912	0.005755
	-0.015176	0.003163	0.009549	-0.017568	-0.050898	-0.014609
	0.023689					
y73	-0.063138	0.018369	0.010057	-0.033788	-0.018337	0.022311
	0.030684	0.054020	-0.058509	-0.001105	-0.008266	0.047289
	0.021468	0.010926	0.020017	-0.015124	-0.004666	-0.002751
	-0.010870	-0.024828	0.002619	-0.003356	0.029379	-0.030146
	-0.001066	-0.050405	-0.022636	0.034912	0.032386	0.004569
	0.016303					
z73	-0.049292	0.025939	-0.006683	0.056537	0.029698	0.059271
	0.005591	-0.008470	0.008540	-0.010942	0.025524	-0.013205
	0.012766	-0.015862	-0.032719	-0.012709	0.019408	0.015710
	-0.023214	-0.023185	0.005602	-0.053874	0.040142	-0.036231
	0.024448	0.000797	-0.023871	0.026402	0.040087	0.012660
	0.005575					
x74	-0.064012	-0.038192	0.032517	0.015319	-0.034612	-0.005461
	-0.051936	0.022039	0.000194	0.018483	0.023874	-0.003572
	0.018121	0.030840	-0.024701	-0.055072	-0.045690	0.019564
	0.025638	-0.041038	0.065752	-0.037326	0.011157	-0.001983
	-0.030493	0.010902	-0.006922	-0.020531	-0.043942	-0.001122
	-0.003891					

y74	-0.061643	0.009328	0.014044	-0.031950	-0.018459	0.026870
	0.029638	0.054223	-0.060020	-0.015733	-0.011792	0.046788
	0.017149	0.014654	0.020284	-0.009862	-0.001517	0.005831
	-0.010804	-0.031636	0.004822	-0.008109	0.047618	-0.052081
	-0.006820	-0.047283	-0.039247	0.033848	0.032772	0.019569
	0.023458					
z74	-0.050069	0.022648	-0.001468	0.065280	0.029346	0.064641
	0.005120	-0.003202	0.004440	-0.018357	0.021992	-0.012884
	0.027508	-0.013389	-0.030144	-0.013879	0.016366	0.014032
	-0.019519	-0.028869	0.006124	-0.066964	0.056583	-0.057381
	0.025791	0.012834	-0.022069	0.031234	0.038613	0.020137
	0.028707					
x75	-0.057366	-0.036424	0.027984	0.006908	-0.031779	-0.007539
	-0.053385	0.022531	0.007218	0.016351	0.024061	-0.003148
	0.018497	0.036684	-0.023300	-0.048674	-0.042694	0.020315
	0.009991	-0.033152	0.075781	-0.020950	0.009221	0.017269
	-0.037535	0.010363	-0.000118	-0.036175	-0.022336	0.003064
	-0.027931					
y75	-0.056849	0.007510	0.012125	-0.030130	-0.026161	0.029519
	0.029811	0.052770	-0.064325	-0.009067	-0.014742	0.043319
	0.017164	0.008585	-0.000725	-0.013489	0.002198	0.010029
	-0.010479	-0.018618	0.003253	-0.007675	0.037711	-0.032431
	-0.007442	-0.036519	-0.052614	0.018683	0.035142	0.032107
	0.033800					
z75	-0.048288	0.026187	-0.002616	0.076930	0.026345	0.065133
	0.002455	0.004970	0.003421	-0.023404	0.015052	-0.008260
	0.037303	-0.009336	-0.038660	-0.016095	0.013045	0.003334
	-0.022566	-0.018075	0.003159	-0.054651	0.047765	-0.052428
	0.019669	0.015350	-0.010798	0.033423	0.061195	0.018438
	0.022943					
x76	-0.048604	-0.032034	0.024021	-0.004242	-0.030550	-0.009985
	-0.051948	0.025345	0.001411	0.020949	0.019373	-0.000507
	0.013398	0.043451	-0.026048	-0.040801	-0.042264	0.012684
	-0.008301	-0.032696	0.075316	-0.018034	0.000184	0.028564
	-0.034479	0.003594	0.003405	-0.032068	0.004007	0.008628
	-0.036746					
y76	-0.052971	0.003401	0.011026	-0.026409	-0.030941	0.031872
	0.027435	0.049088	-0.057357	-0.009344	-0.014727	0.040706
	0.022955	-0.000174	-0.016892	-0.022608	0.004945	0.018615
	-0.011351	0.004411	0.006347	0.003882	0.038181	-0.010004
	-0.020043	-0.025758	-0.059637	-0.007172	0.025533	0.037862
	0.044118					

z76	-0.046960	0.026368	-0.003994	0.086953	0.026261	0.065044
	-0.000114	0.006825	0.007499	-0.029188	0.010194	-0.009878
	0.045616	-0.008110	-0.038803	-0.014254	0.008114	-0.004237
	-0.020676	-0.016452	0.014742	-0.038871	0.045681	-0.055977
	0.013002	0.018302	-0.004091	0.026839	0.066536	0.022735
	0.010069					
x77	-0.037545	-0.029073	0.021292	-0.012347	-0.030279	-0.015751
	-0.051204	0.031827	0.001961	0.020186	0.014115	0.005492
	0.016060	0.049502	-0.023208	-0.024558	-0.035242	0.008395
	-0.028407	-0.027750	0.070336	-0.005277	0.003583	0.031585
	-0.037262	0.007540	-0.011601	-0.048354	0.031691	0.004168
	-0.036259					
y77	-0.049034	0.001118	0.009457	-0.024035	-0.032920	0.036044
	0.027529	0.039850	-0.055449	-0.004503	-0.015561	0.029237
	0.020092	-0.005417	-0.033581	-0.034743	0.002043	0.025621
	-0.006253	0.012879	0.013330	0.003139	0.025053	0.008197
	-0.020100	-0.028311	-0.048830	-0.000515	0.005343	0.049081
	0.034469					
z77	-0.044531	0.026990	-0.003921	0.094314	0.024802	0.065434
	-0.001700	0.007541	0.009271	-0.030622	0.006612	-0.012277
	0.048618	-0.006909	-0.043875	-0.015873	0.003384	-0.007417
	-0.018428	-0.012852	0.023277	-0.026807	0.040550	-0.046488
	0.006696	0.014164	0.011225	0.027132	0.068373	0.029995
	0.008575					
x78	-0.029114	-0.027938	0.019655	-0.020522	-0.026343	-0.018994
	-0.049340	0.037875	0.006889	0.019325	0.006330	0.007248
	0.014172	0.050982	-0.021539	-0.022179	-0.028134	0.006043
	-0.038164	-0.020891	0.072682	0.007818	0.008899	0.047234
	-0.045244	0.003237	-0.014592	-0.047139	0.032915	-0.001897
	-0.025925					
y78	-0.041538	0.001564	0.006344	-0.022217	-0.036509	0.037180
	0.028532	0.028939	-0.057357	0.000248	-0.016935	0.018019
	0.021384	-0.005612	-0.045290	-0.035983	-0.000370	0.027207
	-0.004656	0.013769	0.013503	-0.002330	0.011411	0.007344
	-0.009046	-0.026304	-0.047090	-0.005471	0.003868	0.061237
	0.018762					
z78	-0.039919	0.028920	-0.003708	0.097933	0.020502	0.062258
	-0.001962	0.008633	0.007971	-0.029933	0.005525	-0.011811
	0.052093	-0.005748	-0.049536	-0.009369	0.000545	-0.009392
	-0.019390	-0.005908	0.024256	-0.010871	0.038397	-0.040295
	0.000988	0.008692	0.019657	0.020777	0.073714	0.037216
	0.006328					

x79	-0.022935	-0.024171	0.015088	-0.028299	-0.021986	-0.024960
	-0.046855	0.035081	0.008692	0.019535	0.001113	0.002187
	0.017926	0.054957	-0.022733	-0.014604	-0.022652	0.015936
	-0.053156	-0.020465	0.080538	0.018376	0.010222	0.050402
	-0.048436	-0.000153	-0.006394	-0.041154	0.025908	0.003511
	-0.031509					
y79	-0.030846	-0.000045	0.007665	-0.020521	-0.040285	0.039559
	0.030036	0.024473	-0.054780	0.002377	-0.020696	0.014929
	0.017772	-0.005858	-0.055145	-0.042016	0.000701	0.016509
	0.001537	0.021012	0.007283	-0.005483	0.006062	0.010515
	-0.003179	-0.032785	-0.047503	-0.009274	0.007425	0.059726
	0.016829					
z79	-0.032833	0.030091	-0.000825	0.096780	0.016764	0.059218
	-0.000161	0.011191	0.005926	-0.025803	0.004231	-0.008887
	0.051174	-0.006262	-0.051912	-0.003265	-0.001140	-0.017781
	-0.011497	-0.001039	0.028537	0.005750	0.035361	-0.030849
	0.000451	-0.004121	0.015769	0.019360	0.073467	0.043652
	0.014566					
x80	-0.016370	-0.023868	0.011171	-0.037402	-0.018011	-0.025367
	-0.045297	0.039827	0.012624	0.020230	-0.011515	-0.000218
	0.014725	0.055131	-0.016445	-0.017989	-0.013280	0.025874
	-0.061491	-0.012444	0.089760	0.033307	0.020578	0.053675
	-0.029327	-0.008463	0.011712	-0.034974	0.025598	0.008841
	-0.034622					
y80	-0.019506	0.001153	0.008237	-0.017352	-0.041875	0.037584
	0.034476	0.011944	-0.055192	0.003888	-0.019239	0.006161
	0.019554	-0.002558	-0.066406	-0.040254	-0.005669	0.005778
	0.010400	0.016027	-0.000086	-0.016241	-0.008637	0.002722
	-0.006188	-0.031441	-0.053843	-0.005124	-0.002544	0.052910
	0.011275					
z80	-0.024815	0.032701	0.002113	0.093183	0.012303	0.050431
	0.003527	0.009792	0.003215	-0.020313	0.006230	-0.008461
	0.050602	-0.005020	-0.058790	0.009398	-0.000868	-0.021359
	-0.006262	0.001158	0.027573	0.022893	0.030551	-0.014426
	-0.010200	-0.027364	0.009454	0.014301	0.063514	0.047405
	0.034330					
x81	-0.009247	-0.024306	0.009683	-0.044808	-0.012489	-0.024659
	-0.039799	0.044763	0.007954	0.020846	-0.016352	0.005235
	0.019188	0.048003	-0.021285	-0.009512	-0.012722	0.029468
	-0.081565	-0.009396	0.094224	0.038000	0.021473	0.042603
	-0.027458	-0.020006	0.015096	-0.028963	0.026990	0.010587
	-0.009540					

y81	-0.007483	0.002328	0.007438	-0.013614	-0.044643	0.034273
	0.036287	-0.004755	-0.044753	0.005061	-0.024021	-0.014498
	0.013215	0.011078	-0.066989	-0.046059	-0.003509	0.001013
	0.033547	0.011634	0.000750	-0.020756	-0.016478	0.002211
	0.005903	-0.031689	-0.045589	-0.000684	-0.020324	0.050686
	-0.026340					
z81	-0.014899	0.034374	0.005502	0.087021	0.006913	0.041287
	0.006342	0.007956	0.002476	-0.009569	0.005191	-0.011346
	0.044465	-0.003703	-0.060975	0.021342	0.000280	-0.022066
	0.002608	0.001058	0.029718	0.044863	0.031598	0.003877
	-0.019771	-0.047897	0.005738	0.011335	0.043538	0.056911
	0.042297					
x82	-0.001811	-0.023337	0.008147	-0.049404	-0.009196	-0.024042
	-0.031974	0.042962	-0.000405	0.016198	-0.024463	-0.002058
	0.024959	0.041907	-0.026753	-0.001317	-0.007213	0.032302
	-0.093398	-0.002228	0.090511	0.034034	0.011686	0.018933
	-0.018523	-0.040762	-0.007975	-0.038013	0.047376	0.018735
	0.007779					
y82	0.005552	0.001747	0.009131	-0.011604	-0.044047	0.029108
	0.036252	-0.016291	-0.030307	0.011502	-0.024423	-0.024290
	0.006699	0.023468	-0.066139	-0.050914	-0.006804	-0.004807
	0.054421	0.002958	0.005818	-0.017353	-0.016115	0.004402
	0.017500	-0.028402	-0.013323	0.025717	-0.059987	0.038023
	-0.059701					
z82	-0.003361	0.035389	0.009342	0.075985	0.000229	0.032442
	0.010577	0.007426	0.002893	0.007341	0.003969	-0.012396
	0.034733	-0.005574	-0.064449	0.037659	0.000996	-0.022765
	0.006686	-0.004803	0.035002	0.067278	0.036033	0.027804
	-0.024215	-0.072276	0.000418	0.008577	0.009764	0.072314
	0.054287					
x83	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					
y83	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					

z83	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x84	-0.001559	0.041954	-0.035479	0.016383	-0.022689	0.042147
	0.041093	-0.014694	-0.028007	0.000030	-0.050535	-0.047370
	-0.032399	0.015841	0.037907	-0.045778	-0.004775	-0.022031
	-0.055711	0.011318	-0.018117	-0.050143	-0.021895	-0.051748
	0.078639	0.054482	0.019286	-0.042760	0.027643	0.072234
	0.024088					
y84	-0.006435	-0.005967	0.027650	0.015561	-0.032885	-0.029508
	0.021926	-0.027556	0.028181	-0.004932	0.008206	0.011061
	-0.054115	-0.014506	0.004166	0.000614	0.008854	0.009001
	0.006908	0.038786	0.009045	0.021464	-0.029134	-0.007292
	-0.021867	-0.018548	0.012920	0.001296	0.016774	0.060060
	-0.080160					
z84	0.030255	-0.015337	-0.035873	-0.008301	0.031479	-0.038855
	-0.059516	0.032640	-0.067332	0.046870	0.033330	-0.033216
	0.008877	0.004069	0.113362	0.009310	0.023844	-0.051084
	-0.044005	-0.005916	-0.044639	-0.020180	-0.019244	-0.003926
	0.033721	-0.018565	-0.028159	-0.021575	-0.031527	0.041781
	0.050335					
x85	0.000352	0.042469	-0.027974	0.019021	-0.018771	0.044339
	0.036384	-0.010545	-0.022226	0.005143	-0.040763	-0.021741
	-0.027806	0.027251	0.032124	-0.054364	-0.004864	-0.037005
	-0.028767	0.012180	-0.015939	-0.019965	-0.006913	-0.055058
	0.061495	0.063693	0.014698	-0.024693	0.010815	0.029606
	0.020678					
y85	-0.006514	-0.008288	0.023830	0.026986	-0.030572	-0.032346
	0.020179	-0.029745	0.019301	-0.002653	0.011273	0.002539
	-0.046621	-0.012309	0.013801	0.001838	0.028557	0.012618
	-0.002581	0.019377	0.000817	0.005563	-0.037933	-0.011549
	-0.014704	-0.032257	0.005174	-0.013510	0.011121	0.084834
	-0.066253					
z85	0.033718	-0.010666	-0.037334	-0.004690	0.032203	-0.034259
	-0.054592	0.028447	-0.065220	0.044000	0.033971	-0.038044
	0.004047	0.007474	0.109053	0.020074	0.020876	-0.046262
	-0.041966	-0.016500	-0.028044	-0.020279	-0.013666	-0.013905
	0.051456	-0.004869	-0.040261	-0.001649	-0.040630	0.029396
	0.037806					

x86	0.001841	0.043982	-0.020370	0.022196	-0.016781	0.043909
	0.034929	-0.005958	-0.018252	0.001571	-0.034108	-0.004675
	-0.017922	0.031515	0.028622	-0.054520	-0.002668	-0.053471
	-0.007205	0.018360	-0.021241	-0.006771	0.007796	-0.049394
	0.053668	0.067889	0.004332	-0.016380	0.000452	0.014545
	0.019384					
y86	-0.004959	-0.010190	0.016900	0.034850	-0.026336	-0.031544
	0.018912	-0.035481	0.011876	0.006180	0.019114	-0.003141
	-0.048954	0.001323	0.018002	-0.000067	0.037933	0.014098
	-0.012534	-0.012965	0.009455	0.003543	-0.038304	-0.027283
	-0.013457	-0.039504	0.008113	-0.025582	0.001106	0.087944
	-0.056102					
z86	0.038793	-0.007045	-0.037396	-0.006656	0.031540	-0.026095
	-0.050398	0.026857	-0.058186	0.046532	0.034408	-0.036545
	-0.001224	0.013221	0.103590	0.031260	0.014917	-0.045086
	-0.036486	-0.026162	-0.004895	-0.010186	0.000906	-0.026554
	0.069120	0.011439	-0.043366	0.011697	-0.048453	0.010503
	0.025975					
x87	0.001225	0.045380	-0.013347	0.023021	-0.016731	0.044289
	0.032436	-0.001766	-0.012288	-0.003446	-0.030742	0.007615
	-0.015220	0.033044	0.029916	-0.058449	0.003729	-0.067436
	0.003848	0.017320	-0.023571	0.002635	0.014616	-0.046610
	0.037825	0.065489	-0.005462	-0.010904	-0.006605	0.018055
	0.002803					
y87	0.000481	-0.011096	0.009250	0.043784	-0.021987	-0.031108
	0.019172	-0.040307	0.001639	0.016832	0.028026	-0.007043
	-0.041166	0.012409	0.017745	0.005175	0.033486	0.018438
	-0.009414	-0.027978	0.012071	0.013173	-0.027903	-0.036251
	-0.002160	-0.040382	0.022660	-0.030956	-0.003255	0.060135
	-0.038793					
z87	0.042291	-0.003175	-0.036785	-0.009153	0.028414	-0.019665
	-0.045677	0.026043	-0.052545	0.046033	0.033539	-0.034700
	-0.004248	0.018170	0.098178	0.037445	0.008233	-0.051192
	-0.027253	-0.033158	0.009512	-0.002969	0.011108	-0.031114
	0.082299	0.021277	-0.043761	0.020533	-0.047637	-0.000967
	0.006479					
x88	0.001533	0.046689	-0.009544	0.026422	-0.014395	0.041723
	0.030913	0.000654	-0.008293	-0.007765	-0.022580	0.018091
	-0.011859	0.034951	0.026652	-0.059453	0.007818	-0.068192
	0.013967	0.019304	-0.028895	0.013260	0.025196	-0.047644
	0.021997	0.061163	-0.017725	-0.006757	-0.017757	0.012603
	0.009535					

y88	0.004042	-0.012387	0.004065	0.048701	-0.020142	-0.027850
	0.018962	-0.043657	-0.004809	0.022834	0.028590	-0.010007
	-0.035568	0.014964	0.024192	0.011408	0.033285	0.013970
	-0.006035	-0.037846	0.014797	0.015463	-0.028638	-0.040135
	0.012713	-0.045767	0.043133	-0.030588	0.000924	0.036933
	-0.052770					
z88	0.044666	0.000662	-0.035089	-0.011418	0.023899	-0.015465
	-0.040219	0.025449	-0.043834	0.042434	0.034429	-0.030907
	-0.003359	0.017859	0.091840	0.042507	0.007221	-0.046304
	-0.025211	-0.032355	0.017937	-0.002920	0.017905	-0.032254
	0.084799	0.031637	-0.046540	0.027344	-0.048938	-0.010116
	0.002942					
x89	0.001047	0.046439	-0.007666	0.028126	-0.013247	0.041132
	0.026951	0.000748	-0.004709	-0.008919	-0.016871	0.029251
	-0.009132	0.037656	0.022624	-0.064484	0.004556	-0.073684
	0.025283	0.025151	-0.036586	0.023050	0.036030	-0.039887
	0.010337	0.061391	-0.012455	-0.009507	-0.024196	0.014361
	0.010184					
y89	0.007959	-0.010899	0.001149	0.053036	-0.017869	-0.027431
	0.019542	-0.045374	-0.007906	0.023832	0.030419	-0.016653
	-0.029728	0.011857	0.031825	0.019371	0.038833	0.023975
	-0.013450	-0.042929	0.027017	0.008767	-0.037465	-0.050740
	0.026745	-0.057327	0.055171	-0.021980	-0.001768	0.012260
	-0.043201					
z89	0.044432	0.003865	-0.032834	-0.015121	0.016182	-0.009249
	-0.032563	0.022816	-0.037819	0.037128	0.032339	-0.025510
	-0.001415	0.012935	0.082856	0.039404	-0.000907	-0.038762
	-0.020574	-0.019557	0.017738	-0.007494	0.017151	-0.023538
	0.076551	0.045736	-0.035874	0.022207	-0.042812	-0.017600
	0.007823					
x90	0.002019	0.045410	-0.006043	0.029868	-0.010006	0.038261
	0.024408	0.003161	0.002213	-0.013696	-0.011784	0.039944
	-0.005359	0.041841	0.027010	-0.058396	0.008665	-0.072790
	0.036613	0.027727	-0.036645	0.034245	0.043542	-0.033286
	0.009257	0.055502	-0.017071	-0.009388	-0.027506	0.016602
	0.004256					
y90	0.011206	-0.010291	-0.003382	0.058007	-0.018538	-0.024528
	0.021150	-0.047461	-0.012550	0.028051	0.030307	-0.024222
	-0.021432	0.005421	0.030708	0.024132	0.032825	0.033471
	-0.025954	-0.047821	0.029044	-0.007511	-0.048308	-0.054417
	0.028684	-0.051760	0.073147	-0.020662	-0.014173	-0.009005
	-0.026633					

z90	0.045491	0.005904	-0.028996	-0.018005	0.008852	-0.006276
	-0.022705	0.024221	-0.030353	0.027958	0.031375	-0.018645
	0.002641	0.017001	0.082174	0.046736	0.000637	-0.031977
	-0.013105	-0.010833	0.014279	-0.009807	0.020058	-0.014678
	0.070563	0.057568	-0.039871	0.027461	-0.018802	-0.022472
	0.004694					
x91	0.000655	0.047068	-0.003041	0.028651	-0.009592	0.036300
	0.025466	-0.003597	0.010909	-0.019976	-0.014492	0.040832
	0.003927	0.015035	0.029749	-0.047468	0.004585	-0.048372
	0.029545	0.042805	-0.028930	0.005335	0.023961	-0.023721
	0.006983	0.032327	0.004177	-0.013345	-0.044398	0.008043
	0.006755					
y91	0.018477	-0.013941	-0.013594	0.064597	-0.013629	-0.023453
	0.016806	-0.040330	-0.021747	0.035853	0.039563	-0.016571
	-0.024028	0.045308	0.027010	0.015110	0.032919	0.006373
	-0.007364	-0.066060	0.024284	0.031632	-0.018850	-0.058316
	0.035753	-0.021537	0.063467	-0.025214	0.009320	-0.011156
	-0.022358					
z91	0.044572	0.009511	-0.025392	-0.021856	0.000533	-0.002827
	-0.013294	0.022386	-0.025820	0.019146	0.028748	-0.014299
	0.009108	0.010887	0.075921	0.044198	-0.008862	-0.026854
	-0.011852	0.000998	0.007634	-0.020473	0.014419	0.000687
	0.060582	0.058107	-0.033513	0.020453	-0.008153	-0.024219
	0.011720					
x92	0.001316	0.046935	-0.005063	0.027412	-0.005681	0.034874
	0.021190	-0.009540	0.018094	-0.017849	-0.015371	0.043519
	0.005525	0.007236	0.026644	-0.043526	-0.004867	-0.041668
	0.027159	0.041154	-0.019797	-0.001563	0.022539	-0.016935
	0.018166	0.013152	0.012918	-0.023313	-0.060974	0.016947
	0.004262					
y92	0.023612	-0.013879	-0.019156	0.066589	-0.012670	-0.020518
	0.022554	-0.036420	-0.026622	0.035289	0.040673	-0.017947
	-0.015667	0.048116	0.034914	0.023024	0.033489	0.014981
	-0.005351	-0.059336	0.026047	0.020404	-0.028901	-0.054343
	0.034929	0.000245	0.078728	-0.010745	0.031964	-0.027479
	-0.027624					
z92	0.044400	0.014412	-0.022982	-0.026221	-0.007205	-0.000675
	-0.004572	0.017772	-0.021588	0.015820	0.024089	-0.011318
	0.012717	0.007076	0.062381	0.043459	-0.018337	-0.029207
	-0.017801	0.003461	0.004387	-0.031717	0.009460	0.005689
	0.053695	0.051405	-0.037948	0.018008	-0.005040	-0.033753
	0.021599					

x93	0.002299	0.045965	-0.005148	0.026881	-0.000996	0.030510
	0.019703	-0.013082	0.027483	-0.020711	-0.013310	0.043501
	0.008055	-0.003585	0.031946	-0.026967	-0.006916	-0.018085
	0.025918	0.037972	-0.010799	-0.015135	0.014470	-0.014309
	0.034464	-0.002211	0.024427	-0.024989	-0.071275	0.017054
	-0.001488					
y93	0.029563	-0.013503	-0.028911	0.068808	-0.013213	-0.014712
	0.024506	-0.033623	-0.032658	0.037882	0.038711	-0.019054
	-0.007904	0.055927	0.034575	0.022830	0.026225	0.006836
	-0.009346	-0.046228	0.025992	0.009458	-0.028390	-0.039067
	0.029654	0.023505	0.081636	-0.000408	0.051320	-0.035667
	-0.022941					
z93	0.043714	0.016977	-0.017037	-0.030490	-0.014794	-0.000111
	0.006308	0.017115	-0.016846	0.006088	0.024395	-0.004512
	0.017837	0.006289	0.056859	0.043679	-0.024285	-0.023342
	-0.013152	0.005778	-0.006611	-0.035963	0.004343	0.008334
	0.044765	0.053662	-0.034426	0.009921	0.012748	-0.041195
	0.034137					
x94	0.002672	0.046775	-0.000453	0.028916	0.001449	0.030418
	0.018298	-0.012652	0.030751	-0.021878	-0.009264	0.043078
	0.004146	-0.004045	0.036108	-0.025369	-0.013557	-0.007104
	0.034425	0.030683	-0.002681	-0.000116	0.017164	-0.000215
	0.036424	-0.014031	0.026255	-0.029688	-0.071419	0.023446
	-0.000990					
y94	0.033474	-0.010763	-0.036382	0.070097	-0.016557	-0.009992
	0.030090	-0.036759	-0.044318	0.033776	0.044185	-0.026656
	-0.000139	0.057219	0.037265	0.020113	0.021409	-0.006092
	-0.004052	-0.031860	0.014484	-0.009696	-0.014489	-0.026540
	0.012002	0.010766	0.078080	-0.005062	0.073810	-0.045743
	-0.005450					
z94	0.041389	0.019612	-0.011359	-0.041382	-0.025787	0.000524
	0.015716	0.011559	-0.011391	0.001284	0.024735	-0.003070
	0.024347	0.004183	0.048784	0.035952	-0.037331	-0.016462
	-0.013592	0.004241	-0.016777	-0.034115	0.006221	0.014064
	0.040501	0.034704	-0.054412	0.008217	0.024149	-0.031731
	0.031863					
x95	0.002457	0.046276	0.005326	0.030460	0.002677	0.028660
	0.015341	-0.013119	0.035129	-0.024084	-0.009392	0.044261
	0.004067	-0.002598	0.037859	-0.024761	-0.017836	-0.002965
	0.041804	0.028748	-0.002504	0.002776	0.025271	0.014764
	0.032791	-0.020361	0.034994	-0.037200	-0.066010	0.027581
	-0.007505					

y95	0.036311	-0.007140	-0.043046	0.070172	-0.016812	-0.004574
	0.035976	-0.036409	-0.054392	0.029890	0.051865	-0.035234
	0.006398	0.057084	0.040084	0.015862	0.018734	-0.008257
	-0.001612	-0.018718	0.011375	-0.011448	-0.010965	-0.013441
	0.001453	0.000349	0.066337	-0.004454	0.089671	-0.049794
	0.009375					
z95	0.038301	0.021233	-0.003562	-0.051260	-0.038658	0.001181
	0.021863	0.004438	-0.003843	-0.004978	0.016903	-0.000601
	0.031555	0.003496	0.040601	0.026655	-0.048400	-0.017703
	-0.012804	0.008045	-0.029064	-0.045443	0.018905	0.021833
	0.025905	0.020564	-0.061445	-0.007148	0.031506	-0.026834
	0.023531					
x96	0.002983	0.044823	0.009258	0.032663	0.006487	0.024676
	0.012669	-0.012012	0.039874	-0.023879	-0.007031	0.047358
	0.002985	-0.000677	0.039042	-0.019396	-0.019524	0.004651
	0.050425	0.025266	0.001233	0.010278	0.027693	0.022682
	0.027614	-0.019740	0.040950	-0.032662	-0.061933	0.024409
	-0.007706					
y96	0.039166	-0.004087	-0.046810	0.069110	-0.019962	0.001831
	0.040888	-0.038402	-0.062583	0.026119	0.053653	-0.044641
	0.013854	0.057140	0.041247	0.010939	0.012562	-0.010716
	-0.002391	-0.006389	0.002554	-0.021175	-0.001889	-0.000476
	-0.008073	-0.009460	0.050401	-0.019590	0.096629	-0.043258
	0.017528					
z96	0.035038	0.021527	0.001715	-0.059010	-0.045630	-0.000440
	0.025958	0.000861	0.006010	-0.008780	0.016001	0.004926
	0.035165	0.000986	0.032821	0.022727	-0.053679	-0.013888
	-0.006601	0.006234	-0.027468	-0.044282	0.025016	0.023587
	0.012389	0.014280	-0.059362	-0.002855	0.038813	-0.037071
	0.025188					
x97	0.003856	0.043517	0.012260	0.036616	0.010760	0.021083
	0.013170	-0.012179	0.041045	-0.024537	-0.002235	0.048208
	0.001033	0.002674	0.040591	-0.012183	-0.017549	0.015631
	0.058766	0.025172	-0.003095	0.016184	0.029428	0.024535
	0.023666	-0.018659	0.038646	-0.032094	-0.052714	0.025030
	0.001022					
y97	0.041511	-0.002503	-0.049286	0.066044	-0.021981	0.007505
	0.043326	-0.040711	-0.066182	0.023429	0.054849	-0.052243
	0.021162	0.056865	0.040153	0.008788	0.004631	-0.011205
	-0.002063	0.002438	-0.002001	-0.031971	0.009398	0.009222
	-0.019705	-0.013167	0.041954	-0.027805	0.097965	-0.046031
	0.017856					

z97	0.032350	0.022879	0.007664	-0.062333	-0.051374	-0.000277
	0.033656	-0.003827	0.012716	-0.014944	0.016938	0.010320
	0.040621	-0.000566	0.028929	0.024280	-0.047725	-0.002683
	0.000966	0.007016	-0.031595	-0.040979	0.031602	0.021754
	0.011681	0.009007	-0.067458	-0.010684	0.046817	-0.027356
	0.037152					
x98	0.004650	0.040972	0.015545	0.035161	0.013601	0.020151
	0.011646	-0.009289	0.046339	-0.019739	-0.003376	0.047596
	-0.002108	0.007978	0.041688	-0.010223	-0.022272	0.019520
	0.062964	0.023875	-0.001297	0.021965	0.025087	0.030561
	0.018502	-0.012158	0.044721	-0.024375	-0.046194	0.029559
	-0.005914					
y98	0.042889	-0.000606	-0.050655	0.062635	-0.022321	0.013901
	0.046881	-0.043089	-0.068806	0.018862	0.055705	-0.057883
	0.029163	0.054950	0.040701	0.009328	0.004477	-0.010491
	-0.002516	0.011530	-0.004244	-0.037423	0.021147	0.011181
	-0.024526	-0.015970	0.031985	-0.039941	0.097420	-0.043373
	0.016433					
z98	0.030579	0.021763	0.014180	-0.067861	-0.058953	0.001138
	0.035944	-0.004846	0.022938	-0.015859	0.009614	0.013365
	0.042840	0.000103	0.025395	0.018031	-0.057715	0.003397
	0.007966	0.001325	-0.022030	-0.037116	0.023784	0.029754
	-0.000568	0.008795	-0.060320	-0.021239	0.039437	-0.015431
	0.038811					
x99	0.005172	0.038960	0.017176	0.034838	0.018043	0.014964
	0.009691	-0.009015	0.047478	-0.015327	-0.002270	0.046214
	-0.003238	0.014860	0.038873	-0.001269	-0.025647	0.022924
	0.065852	0.018908	-0.006112	0.016609	0.023585	0.029752
	0.010620	-0.007882	0.041421	-0.009504	-0.038602	0.025314
	-0.014186					
y99	0.044598	0.000511	-0.049884	0.058829	-0.022287	0.020880
	0.051569	-0.043679	-0.068719	0.013731	0.054483	-0.061830
	0.036362	0.051453	0.042690	0.010754	0.002414	-0.006275
	-0.002635	0.016353	0.001811	-0.035427	0.026611	0.009409
	-0.025531	-0.016773	0.018914	-0.059061	0.086465	-0.035656
	0.020608					
z99	0.027410	0.021088	0.019157	-0.070799	-0.062491	-0.002594
	0.034410	-0.008494	0.031706	-0.015857	0.005613	0.014378
	0.045516	0.001260	0.018305	0.022782	-0.058819	0.013252
	0.015719	-0.009898	-0.018080	-0.045620	0.026415	0.034890
	-0.016322	0.006032	-0.064176	-0.017025	0.026011	-0.015575
	0.029571					

x100	0.006129	0.037027	0.018125	0.034025	0.021385	0.010492
	0.007610	-0.009660	0.050061	-0.008762	-0.002435	0.044034
	-0.008211	0.022044	0.035288	0.002333	-0.029399	0.026154
	0.065305	0.015042	-0.013046	0.010718	0.015200	0.026249
	0.007052	-0.001328	0.040707	0.002516	-0.029012	0.015985
	-0.014738					
y100	0.046008	0.000415	-0.047447	0.054733	-0.021273	0.027526
	0.055761	-0.045586	-0.066157	0.008232	0.051423	-0.063681
	0.044799	0.046452	0.043296	0.014384	-0.002870	0.000484
	-0.001354	0.017439	0.013542	-0.033478	0.033339	0.007924
	-0.026410	-0.015474	0.002914	-0.081124	0.066542	-0.026452
	0.023378					
z100	0.023236	0.023106	0.025020	-0.074759	-0.067404	-0.004653
	0.031218	-0.015052	0.042176	-0.014052	-0.000633	0.014936
	0.039555	0.001627	0.007908	0.018038	-0.054849	0.027250
	0.017854	-0.022264	-0.016309	-0.042245	0.024301	0.029150
	-0.016183	0.006667	-0.056125	-0.015208	0.016288	-0.020886
	0.036061					
x101	0.006842	0.033811	0.020146	0.033207	0.024384	0.006069
	0.007662	-0.011388	0.051541	-0.004418	-0.003650	0.042020
	-0.010196	0.030188	0.033594	0.004574	-0.032256	0.025793
	0.064936	0.014819	-0.023304	0.001727	0.002815	0.025057
	-0.006820	0.009845	0.041349	0.019240	-0.016075	0.014204
	-0.023427					
y101	0.046703	-0.000338	-0.041885	0.049435	-0.020525	0.033994
	0.059931	-0.046307	-0.060684	0.001531	0.045383	-0.063844
	0.053301	0.041524	0.042371	0.018239	-0.007554	0.011146
	-0.000471	0.015389	0.027794	-0.030038	0.038728	0.004322
	-0.025139	-0.011833	-0.010072	-0.107920	0.043525	-0.013274
	0.022046					
z101	0.019320	0.025076	0.031898	-0.074663	-0.071216	-0.003786
	0.031429	-0.022074	0.049859	-0.016616	-0.005909	0.015807
	0.038975	0.002713	0.004694	0.011772	-0.044747	0.038238
	0.022607	-0.028009	-0.014901	-0.038961	0.009885	0.032116
	-0.038659	0.010384	-0.047710	-0.010176	0.006878	-0.002380
	0.027253					
x102	0.007235	0.029463	0.019975	0.028855	0.026827	0.002749
	0.003513	-0.008614	0.055038	0.008380	-0.007942	0.037220
	-0.013988	0.041089	0.029103	0.009390	-0.035451	0.027366
	0.058931	0.019922	-0.037600	-0.010777	-0.007858	0.017425
	-0.012400	0.027172	0.047672	0.038938	0.002518	0.007265
	-0.038802					

y102	0.047031	-0.001339	-0.034312	0.043770	-0.019229	0.040234
	0.064143	-0.045892	-0.053966	-0.005607	0.038366	-0.064372
	0.061298	0.036380	0.041825	0.023383	-0.011282	0.024864
	0.001457	0.012550	0.044025	-0.023149	0.042305	-0.002031
	-0.020789	-0.008197	-0.026613	-0.139509	0.010930	0.000968
	0.018603					
z102	0.014920	0.024313	0.033054	-0.078761	-0.073873	-0.002709
	0.023280	-0.021037	0.065058	-0.007997	-0.014896	0.008774
	0.036374	0.004487	0.006438	0.009854	-0.030081	0.051865
	0.026686	-0.019814	-0.005363	-0.031075	0.001065	0.036494
	-0.037417	0.009998	-0.031341	-0.008338	-0.002261	-0.001949
	0.006199					
x103	0.007810	0.027648	0.017564	0.026091	0.029358	0.002210
	0.005393	-0.008899	0.045123	0.008322	-0.006761	0.027848
	-0.003069	0.046863	0.031019	0.021943	-0.038024	0.034907
	0.049882	0.020625	-0.031563	-0.019505	-0.018724	0.012344
	-0.015855	0.014409	0.032601	0.049275	0.011748	0.014207
	-0.044254					
y103	0.043538	-0.000050	-0.031931	0.034469	-0.021501	0.049898
	0.060623	-0.034338	-0.051046	-0.001481	0.022777	-0.053235
	0.068557	0.037098	0.044429	0.023337	-0.017640	0.019632
	0.005245	0.022579	0.040510	-0.025965	0.035917	-0.012432
	-0.040746	-0.008655	-0.013174	-0.104169	0.002148	0.007563
	0.003614					
z103	0.010815	0.026365	0.037003	-0.079177	-0.068580	-0.003572
	0.018037	-0.029384	0.074852	-0.006743	-0.021029	-0.002885
	0.033392	0.004113	0.000360	0.004770	-0.012630	0.053669
	0.034211	-0.019974	0.007358	-0.017595	-0.012593	0.029548
	-0.018496	0.011636	-0.019159	0.002018	-0.004612	-0.001426
	-0.005574					
x104	0.007852	0.024285	0.016209	0.022938	0.030411	-0.001421
	0.006754	-0.005701	0.038253	0.007337	-0.003727	0.022069
	0.006854	0.052629	0.030731	0.035752	-0.036256	0.040255
	0.041544	0.024697	-0.029227	-0.022900	-0.022545	0.009607
	-0.018051	0.010698	0.011500	0.052867	0.015379	0.018568
	-0.048244					
y104	0.040187	0.001471	-0.028150	0.025046	-0.023924	0.057047
	0.057087	-0.021666	-0.047167	0.004835	0.012505	-0.040237
	0.074430	0.037892	0.041589	0.022756	-0.021202	0.014662
	0.006822	0.034802	0.030831	-0.025593	0.029167	-0.016876
	-0.054940	-0.007313	-0.007960	-0.068563	-0.002030	0.010346
	-0.011449					

z104	0.007886	0.028198	0.042312	-0.079671	-0.064491	-0.006329
	0.016912	-0.028604	0.080329	-0.003509	-0.016440	-0.001997
	0.033847	-0.001425	-0.010711	0.007914	0.003631	0.047991
	0.026038	-0.010465	0.001327	-0.005647	-0.017007	0.030018
	0.003565	0.018368	-0.025321	0.016341	0.004140	-0.014777
	-0.011986					
x105	0.008104	0.021034	0.016663	0.019114	0.031813	-0.002842
	0.005382	-0.003200	0.030021	0.005837	-0.004195	0.019068
	0.015427	0.052366	0.026557	0.038782	-0.034192	0.039141
	0.033572	0.033207	-0.020800	-0.021161	-0.024139	0.015699
	-0.023990	0.005283	0.005406	0.050487	0.022251	0.027439
	-0.038825					
y105	0.038188	0.002379	-0.025372	0.017393	-0.025254	0.061438
	0.052526	-0.013043	-0.041123	0.009485	0.001926	-0.029048
	0.081448	0.035600	0.039899	0.021957	-0.022429	0.009564
	0.011694	0.048947	0.024902	-0.023060	0.020988	-0.011245
	-0.068471	-0.005098	0.000243	-0.043069	-0.009515	0.013223
	-0.017699					
z105	0.007049	0.028692	0.043805	-0.073142	-0.059860	-0.007634
	0.010965	-0.038648	0.087498	-0.003573	-0.019916	-0.012702
	0.034440	-0.011079	-0.011099	0.004517	0.021001	0.047414
	0.026647	0.001087	0.009567	0.005794	-0.023718	0.038810
	0.007733	0.023188	-0.006935	0.011728	0.005063	-0.018018
	-0.007732					
x106	0.005294	0.017799	0.014464	0.013321	0.031542	-0.003743
	0.002645	-0.002955	0.021162	0.006841	-0.009559	0.016037
	0.018314	0.049671	0.018266	0.026404	-0.041086	0.030680
	0.025370	0.041250	-0.007472	-0.016774	-0.031778	0.018205
	-0.030074	0.000507	0.007693	0.027546	0.025136	0.031960
	-0.029986					
y106	0.035598	0.002421	-0.022614	0.009220	-0.028585	0.064654
	0.046699	-0.008742	-0.035077	0.012330	-0.010131	-0.023256
	0.084994	0.031692	0.036062	0.013772	-0.027647	0.002798
	0.006513	0.057824	0.018658	-0.019756	0.015175	-0.013148
	-0.070691	-0.000994	-0.000116	-0.035806	-0.014050	0.019598
	-0.014204					
z106	0.003286	0.029532	0.041833	-0.067116	-0.058993	-0.007719
	0.005513	-0.051784	0.087067	-0.002024	-0.029432	-0.026649
	0.028589	-0.024531	-0.015841	-0.013583	0.019121	0.042225
	0.015826	0.006125	0.018453	0.010263	-0.035766	0.032365
	0.014902	0.024787	0.016091	-0.019321	0.008909	-0.020366
	0.003006					

x107	0.005965	0.012492	0.015096	0.010205	0.032256	-0.005366
	0.001686	0.001247	0.017143	0.003500	-0.011029	0.013538
	0.022580	0.051435	0.018435	0.028970	-0.027660	0.026191
	0.013987	0.038477	0.001878	-0.010603	-0.026428	0.018171
	-0.029188	0.000581	0.003658	0.030933	0.027315	0.042288
	-0.031019					
y107	0.035253	0.000922	-0.018301	-0.001352	-0.028665	0.065495
	0.040481	-0.006793	-0.024809	0.011987	-0.019753	-0.016868
	0.083203	0.029661	0.031845	0.009676	-0.023259	-0.002714
	0.004591	0.060461	0.009622	-0.015138	0.010364	-0.022692
	-0.070726	-0.000258	-0.000542	-0.019590	-0.021038	0.020043
	-0.001648					
z107	0.004389	0.029509	0.042211	-0.060957	-0.054892	-0.008359
	0.003180	-0.060183	0.090920	-0.007908	-0.033542	-0.036088
	0.019803	-0.033419	-0.010762	-0.008648	0.036514	0.045984
	0.007583	0.002983	0.016224	0.004938	-0.037888	0.010737
	0.017033	0.020495	0.032143	-0.012781	0.012096	-0.025888
	0.009816					
x108	0.006397	0.008487	0.013960	0.001239	0.033729	-0.006322
	0.003130	0.007186	0.003949	0.001830	-0.015150	0.012438
	0.021598	0.053377	0.015296	0.038053	-0.021667	0.010652
	-0.001226	0.020760	0.019597	-0.010106	-0.019968	0.001370
	-0.017309	-0.006314	-0.008267	0.042400	0.031290	0.046941
	-0.039573					
y108	0.034958	0.001437	-0.014403	-0.016822	-0.026103	0.064197
	0.038104	-0.009271	-0.025602	0.011162	-0.027964	-0.017852
	0.076202	0.032004	0.024479	0.011600	-0.023859	-0.008276
	-0.004319	0.048747	0.011106	-0.011192	0.008704	-0.049123
	-0.056671	-0.005844	-0.013950	0.010020	-0.023423	0.018585
	-0.005346					
z108	0.004689	0.032426	0.039264	-0.057135	-0.050366	-0.010846
	0.006169	-0.067205	0.079204	-0.013830	-0.037391	-0.046737
	0.009382	-0.041538	-0.007652	0.004509	0.042488	0.050358
	-0.011175	-0.011045	0.020722	-0.009087	-0.035360	-0.021006
	0.023698	0.010701	0.041753	0.003684	0.019188	-0.035803
	0.000880					
x109	0.004865	0.003434	0.012640	-0.008057	0.032724	-0.008790
	0.001242	0.019541	-0.003141	0.002130	-0.021680	0.019195
	0.021062	0.050184	0.008827	0.039042	-0.013108	-0.011039
	-0.010950	0.012442	0.033279	-0.001115	-0.010731	-0.000716
	-0.009343	-0.003644	-0.014750	0.041674	0.029722	0.053973
	-0.035530					

y109	0.033289	0.004392	-0.012403	-0.028184	-0.025886	0.062221
	0.034239	-0.004050	-0.020159	0.016549	-0.036217	-0.012240
	0.073367	0.027525	0.014024	0.007355	-0.024248	-0.024097
	-0.002206	0.044032	0.002097	-0.004523	-0.008978	-0.040188
	-0.038849	-0.006402	-0.021346	0.034816	-0.021477	0.032534
	0.003537					
z109	0.003154	0.033947	0.035118	-0.050629	-0.046921	-0.011396
	0.006866	-0.069143	0.071519	-0.017034	-0.045583	-0.053731
	0.000420	-0.056399	-0.003207	0.012519	0.047484	0.055474
	-0.034901	-0.025449	0.019128	-0.024112	-0.036256	-0.033506
	0.027169	0.005949	0.059836	0.013166	0.017778	-0.032319
	0.013472					
x110	0.002553	-0.004311	0.014733	-0.014360	0.028872	-0.014335
	-0.004497	0.031756	-0.000492	-0.004754	-0.027503	0.025798
	0.024286	0.045293	0.001789	0.030632	0.005810	-0.017647
	-0.023749	0.018580	0.047491	0.012547	0.010579	0.008300
	-0.017985	0.013099	-0.013832	0.018528	0.016423	0.049559
	-0.023385					
y110	0.032300	0.001552	-0.004120	-0.036951	-0.027157	0.054677
	0.024412	-0.004286	-0.004905	0.012719	-0.042527	-0.007941
	0.070735	0.022485	-0.002495	-0.010306	-0.014204	-0.016630
	-0.015480	0.051701	-0.009075	0.007187	-0.005891	-0.021094
	-0.039189	0.008215	-0.030984	0.020825	-0.032407	0.022150
	0.036053					
z110	0.003395	0.034033	0.031151	-0.040030	-0.045706	-0.013737
	0.008342	-0.072894	0.064288	-0.023238	-0.051843	-0.063099
	-0.008540	-0.070072	0.004506	0.021534	0.054259	0.073338
	-0.063604	-0.038326	0.015975	-0.047862	-0.028883	-0.047069
	0.014695	0.004573	0.080603	0.009644	0.009119	-0.040148
	0.017479					
x111	0.000697	-0.012237	0.014387	-0.021245	0.025042	-0.018211
	-0.006836	0.043389	0.000138	-0.007313	-0.036207	0.032130
	0.024850	0.038097	-0.000025	0.034732	0.025942	-0.031892
	-0.033107	0.013337	0.066186	0.016945	0.026967	0.009464
	-0.016296	0.025118	-0.011444	0.003656	0.006259	0.051402
	-0.022335					
y111	0.032182	-0.000522	-0.001219	-0.044972	-0.029186	0.047069
	0.019087	-0.006328	0.011180	0.016148	-0.044714	-0.010932
	0.069069	0.015371	-0.008444	-0.004485	-0.005122	-0.013134
	-0.022769	0.051610	-0.022967	0.006472	-0.013501	-0.010547
	-0.031052	0.015781	-0.042745	0.010474	-0.034499	0.023974
	0.049849					

z111	0.004833	0.034296	0.024490	-0.028269	-0.043570	-0.013787
	0.012831	-0.078131	0.051235	-0.029589	-0.058556	-0.073703
	-0.019694	-0.082976	0.020209	0.041109	0.059630	0.090824
	-0.094260	-0.061073	0.010499	-0.079829	-0.020003	-0.072622
	0.005709	-0.003983	0.102406	0.018171	0.008746	-0.038525
	0.020600					
x112	-0.002998	-0.000417	0.002209	-0.051344	0.010513	-0.003622
	-0.005364	0.047590	-0.007993	-0.024495	-0.040530	0.016856
	0.021269	0.019176	-0.009963	0.025217	0.011877	-0.059649
	-0.023523	-0.019242	0.060307	0.016585	0.023385	-0.007092
	-0.033370	0.043214	0.014047	-0.005919	0.002840	0.033113
	-0.013497					
y112	0.030200	-0.004876	0.000269	-0.043261	-0.027473	0.031309
	0.019006	-0.018023	0.025535	0.033800	-0.033924	-0.027279
	0.045848	-0.008921	-0.007618	0.017396	-0.001006	-0.009167
	-0.011473	0.037791	-0.028621	0.009195	-0.037677	-0.011644
	-0.024844	0.011438	-0.041418	-0.008778	-0.056213	0.028937
	0.074833					
z112	-0.003710	0.023483	0.021365	-0.002851	-0.040819	-0.014599
	0.005436	-0.058354	0.035987	-0.019300	-0.042579	-0.068626
	-0.054141	-0.088922	0.027600	0.013478	0.034110	0.081040
	-0.069531	-0.027520	0.043139	-0.035141	-0.025556	-0.022894
	-0.031008	0.038516	0.063071	0.024685	0.013435	-0.038739
	0.012252					
x113	-0.009202	0.010122	-0.008061	-0.066656	-0.001345	0.008519
	-0.003212	0.044496	-0.021077	-0.041934	-0.046666	0.002018
	0.013193	0.009192	-0.024392	0.018689	-0.009565	-0.096423
	-0.008780	-0.037593	0.049397	0.027810	0.027996	0.001161
	-0.044214	0.068251	0.037835	-0.009173	0.010541	0.019297
	-0.010670					
y113	0.024108	-0.010701	0.001263	-0.032081	-0.025788	0.022049
	0.012027	-0.033283	0.021569	0.042992	-0.015978	-0.044376
	0.028081	-0.024108	-0.013965	0.023476	-0.020628	-0.032153
	0.003290	0.041735	-0.044154	0.033990	-0.049326	0.015397
	-0.033667	0.020427	-0.018843	-0.018589	-0.054940	0.039923
	0.074800					
z113	-0.010816	0.015749	0.017801	0.017052	-0.037300	-0.017730
	0.002355	-0.040698	0.019802	-0.014938	-0.031570	-0.062474
	-0.079942	-0.089874	0.039232	-0.004249	0.011830	0.074325
	-0.048324	-0.003666	0.059210	-0.006926	-0.026008	0.007731
	-0.055223	0.068292	0.026820	0.036487	0.012768	-0.048229
	0.008275					

x114	-0.010272	0.014596	-0.014296	-0.086797	-0.014966	0.024985
	-0.002152	0.052952	-0.004691	-0.040264	-0.075126	-0.004796
	0.004096	-0.001914	-0.019395	0.017560	-0.011981	-0.117627
	-0.010628	-0.067670	0.062090	0.048073	0.029671	0.020778
	-0.036404	0.098219	0.051191	0.011287	-0.009822	0.037494
	-0.020521					
y114	0.022762	-0.018179	0.004769	-0.031704	-0.025518	0.011806
	0.011737	-0.033970	0.036424	0.057364	-0.025560	-0.052365
	0.014261	-0.031852	0.004896	0.043567	-0.016720	-0.045018
	-0.003993	0.013730	-0.044951	0.058408	-0.052444	0.035456
	-0.024043	0.026067	-0.018867	-0.003005	-0.080286	0.054538
	0.069214					
z114	-0.017474	0.010968	0.014156	0.034469	-0.033276	-0.021458
	-0.002073	-0.025874	0.000993	-0.013882	-0.015141	-0.056103
	-0.100742	-0.089738	0.039690	-0.023900	-0.010085	0.066378
	-0.026520	0.026989	0.066514	0.013533	-0.027333	0.026893
	-0.081227	0.082181	-0.001450	0.033311	0.018261	-0.049042
	0.006429					
x115	-0.015060	0.020418	-0.021253	-0.094863	-0.027293	0.030890
	0.003748	0.056006	0.001632	-0.051018	-0.090010	-0.012072
	-0.006005	-0.002749	-0.023329	0.017598	-0.008371	-0.127749
	-0.008069	-0.082062	0.057152	0.055032	0.033583	0.023000
	-0.029820	0.096510	0.046604	0.020874	-0.016036	0.045043
	-0.029112					
y115	0.014731	-0.021530	0.009384	-0.025812	-0.027419	-0.001818
	0.014242	-0.033490	0.038177	0.057186	-0.023039	-0.050768
	-0.000886	-0.028074	0.005563	0.058463	-0.015793	-0.050283
	-0.004071	0.006099	-0.054498	0.068366	-0.041783	0.041835
	-0.017529	0.012663	-0.021227	-0.006171	-0.083227	0.060984
	0.058925					
z115	-0.020555	0.007667	0.009291	0.045223	-0.027008	-0.025570
	-0.004962	-0.014828	-0.019753	-0.011817	-0.002649	-0.054777
	-0.115899	-0.088922	0.040426	-0.038611	-0.027986	0.056671
	-0.007858	0.048647	0.067548	0.022434	-0.032989	0.033617
	-0.102888	0.090226	-0.022129	0.031864	0.020367	-0.053944
	0.010016					
x116	-0.023729	0.027817	-0.030909	-0.087922	-0.032675	0.020572
	0.012805	0.046629	-0.012534	-0.077116	-0.083717	-0.030453
	-0.012997	-0.000717	-0.037127	0.013526	-0.012085	-0.126497
	0.007184	-0.085787	0.025045	0.037178	0.036933	0.003109
	-0.028334	0.067658	0.031783	0.011095	0.004957	0.004464
	-0.007778					

y116	0.004786	-0.024303	0.014249	-0.017031	-0.027363	-0.015176
	0.016323	-0.036977	0.035287	0.057423	-0.017148	-0.045528
	-0.019443	-0.027339	-0.000852	0.063652	-0.026713	-0.050720
	0.008536	-0.000028	-0.059122	0.064814	-0.031351	0.041448
	-0.006554	0.008904	-0.016439	-0.010791	-0.072793	0.045082
	0.058564					
z116	-0.019324	0.002996	0.005054	0.044797	-0.024349	-0.025143
	-0.009881	0.000296	-0.026761	-0.001957	-0.002323	-0.051875
	-0.124336	-0.086375	0.045746	-0.042740	-0.031913	0.044929
	-0.004075	0.062591	0.074082	0.026843	-0.038567	0.040345
	-0.111822	0.098455	-0.033662	0.038296	0.012234	-0.037685
	-0.004375					
x117	-0.024790	0.024999	-0.037141	-0.086056	-0.043621	0.026791
	0.013548	0.050899	0.013441	-0.066931	-0.100539	-0.034993
	-0.018090	-0.006349	-0.036173	0.017724	-0.000715	-0.106277
	0.006141	-0.085168	0.035370	0.033505	0.030861	0.008837
	0.007262	0.061934	0.009306	0.017183	-0.010248	0.032796
	-0.015500					
y117	-0.002426	-0.027108	0.018244	-0.008332	-0.032186	-0.026476
	0.019813	-0.040218	0.032301	0.060403	-0.019218	-0.038865
	-0.038613	-0.022129	-0.001222	0.078948	-0.027604	-0.052385
	0.018481	-0.005186	-0.052815	0.062787	-0.028201	0.034973
	0.000026	0.005583	-0.034318	-0.012179	-0.064372	0.031523
	0.055282					
z117	-0.021588	0.004207	-0.000036	0.044179	-0.015502	-0.034646
	-0.012034	0.009240	-0.045806	-0.009626	0.009337	-0.056787
	-0.128988	-0.078557	0.044632	-0.052342	-0.040009	0.031358
	0.000835	0.076454	0.052576	0.010417	-0.034802	0.030194
	-0.136341	0.073929	-0.026044	0.023228	0.023715	-0.045587
	0.004263					
x118	-0.027170	0.024402	-0.044165	-0.065797	-0.050438	0.011679
	0.020326	0.043309	0.025184	-0.080151	-0.093517	-0.060426
	-0.025753	0.005402	-0.031414	0.043996	0.029936	-0.072111
	0.017090	-0.073856	0.014043	0.015579	0.028684	-0.003813
	0.019240	0.027875	-0.035955	0.018660	-0.008171	0.027364
	-0.016557					
y118	-0.010095	-0.029468	0.022142	0.000164	-0.036983	-0.036557
	0.023408	-0.043019	0.032622	0.061324	-0.023227	-0.033811
	-0.067176	-0.014538	0.006910	0.092663	-0.021060	-0.059814
	0.027675	-0.000766	-0.029702	0.060892	-0.026539	0.035132
	-0.012366	0.001205	-0.042033	-0.012363	-0.053762	0.009960
	0.048059					

z118	-0.021827	0.004482	-0.004661	0.030876	-0.006437	-0.035418
	-0.016784	0.024807	-0.054413	-0.004425	0.004694	-0.050498
	-0.125149	-0.077806	0.035405	-0.075689	-0.053801	0.018265
	0.000676	0.081382	0.045405	-0.007585	-0.028580	0.029041
	-0.146790	0.050947	-0.002063	-0.004538	0.026760	-0.028532
	0.019166					
x119	-0.029284	0.022812	-0.049065	-0.046388	-0.051710	0.001428
	0.023049	0.034429	0.033166	-0.082030	-0.097460	-0.086629
	-0.054734	0.007427	-0.035874	0.042066	0.047139	-0.050701
	0.027814	-0.052644	0.017392	0.017814	-0.002582	0.001430
	-0.001519	-0.023650	-0.055701	-0.001948	-0.002529	0.031449
	-0.004309					
y119	-0.018959	-0.031915	0.026802	0.007552	-0.042249	-0.045529
	0.030027	-0.037844	0.031239	0.063697	-0.032905	-0.017882
	-0.093271	-0.006276	0.010878	0.097518	-0.016091	-0.067348
	0.033179	0.007346	0.005273	0.049868	-0.014278	0.040165
	-0.026480	0.000509	-0.052991	-0.014160	-0.026932	-0.027376
	0.054000					
z119	-0.017485	0.005690	-0.011540	0.020418	-0.001929	-0.044944
	-0.016311	0.040056	-0.060604	-0.007585	0.007026	-0.042601
	-0.105255	-0.065061	0.038804	-0.065023	-0.046247	0.022379
	-0.001763	0.077938	0.017214	-0.033076	-0.003717	-0.001314
	-0.113477	0.028566	-0.009875	-0.004860	0.016146	0.008401
	0.031333					
x120	-0.031600	0.019978	-0.054570	-0.023123	-0.052685	-0.016991
	0.035235	0.035236	0.039404	-0.080412	-0.105257	-0.102940
	-0.082299	0.010584	-0.037802	0.049273	0.066626	-0.033554
	0.028916	-0.024431	0.019833	0.006941	-0.009319	0.001483
	0.005326	-0.078503	-0.102954	-0.015528	0.011733	0.036786
	0.051543					
y120	-0.025807	-0.034873	0.032204	0.014563	-0.051200	-0.049530
	0.029633	-0.036792	0.025089	0.066832	-0.037213	0.006906
	-0.118333	0.015542	0.010848	0.110686	-0.024395	-0.076620
	0.036914	0.005186	0.026279	0.040794	-0.006491	0.012895
	-0.018502	-0.010291	-0.076465	0.003952	0.003859	-0.059048
	0.012806					
z120	-0.009839	0.008405	-0.017170	0.005652	0.004420	-0.050722
	-0.022311	0.045136	-0.068975	-0.010587	0.011726	-0.041605
	-0.089751	-0.047068	0.029792	-0.052137	-0.047846	0.021343
	-0.007402	0.061442	-0.028827	-0.046313	-0.011462	-0.057425
	-0.089499	-0.015051	-0.012345	-0.003844	0.000836	0.048784
	0.007793					

x121	-0.032841	0.021361	-0.065156	-0.020371	-0.051864	-0.014968
	0.029882	0.038913	0.045590	-0.065348	-0.083623	-0.117502
	-0.094139	0.003829	-0.028431	0.029796	0.068585	-0.011243
	0.025196	-0.009885	0.004566	0.006907	0.024615	0.030436
	0.040888	-0.095172	-0.065286	0.013195	0.017261	-0.009096
	0.004517					
y121	-0.023795	-0.033999	0.028277	0.008198	-0.052219	-0.040392
	0.021550	-0.033431	0.013747	0.066867	-0.035875	0.015499
	-0.127098	0.009493	0.006435	0.085235	-0.053909	-0.085918
	0.026240	0.003707	0.021394	0.045690	-0.001913	-0.006133
	-0.012075	-0.030545	-0.044094	-0.007595	0.031983	-0.050929
	0.019844					
z121	-0.006498	0.007635	-0.021027	-0.008203	0.001665	-0.042922
	-0.032667	0.039455	-0.060694	0.010598	0.009094	-0.037244
	-0.086061	-0.034240	0.040840	-0.051876	-0.047336	-0.007877
	0.005567	0.062487	-0.023984	-0.038537	-0.005581	-0.065034
	-0.071511	-0.016498	-0.014446	-0.006786	-0.018550	0.043442
	-0.031487					
x122	-0.034244	0.024709	-0.074058	-0.014702	-0.050770	-0.012480
	0.025425	0.034900	0.036579	-0.053826	-0.066094	-0.130422
	-0.109161	-0.000151	-0.026551	0.001959	0.052828	-0.000153
	0.021738	0.004734	-0.015484	0.001045	0.046326	0.041234
	0.057402	-0.117970	-0.027243	0.018065	0.022671	-0.052118
	-0.010886					
y122	-0.020558	-0.033867	0.025916	0.001805	-0.052801	-0.032700
	0.014323	-0.026065	0.012182	0.067104	-0.032530	0.025860
	-0.125371	0.005511	0.006647	0.067361	-0.067115	-0.091529
	0.014091	0.000543	0.018793	0.052518	0.006637	-0.009575
	0.000369	-0.032811	-0.016697	-0.007832	0.051766	-0.035925
	0.009011					
z122	-0.001747	0.004889	-0.023682	-0.018389	0.000048	-0.039218
	-0.040383	0.039353	-0.048058	0.028321	0.008925	-0.032227
	-0.075346	-0.022708	0.055930	-0.041707	-0.035350	-0.032498
	0.009479	0.059852	-0.018416	-0.030297	0.000585	-0.060795
	-0.051426	-0.006185	-0.024409	-0.001056	-0.030342	0.039753
	-0.062046					
x123	-0.033785	0.026511	-0.079543	-0.012517	-0.051017	-0.004105
	0.021070	0.032026	0.032083	-0.036933	-0.057932	-0.133514
	-0.120500	-0.005450	-0.024101	-0.025318	0.032783	0.004438
	0.014004	0.017267	-0.024355	-0.004081	0.059969	0.050533
	0.070838	-0.123422	0.006488	0.012416	0.012043	-0.068850
	-0.024140					

y123	-0.018036	-0.030725	0.024252	-0.000257	-0.049667	-0.030740
	0.009882	-0.023301	0.007394	0.060106	-0.023934	0.028705
	-0.118631	0.003260	0.006051	0.053638	-0.066784	-0.090601
	0.004069	-0.001826	0.013942	0.057983	0.009183	-0.012782
	0.013607	-0.043372	0.007689	0.003962	0.085461	-0.028910
	-0.005062					
z123	0.003183	0.003316	-0.025682	-0.023464	0.001641	-0.039514
	-0.046958	0.037737	-0.041116	0.039801	0.012767	-0.031331
	-0.062620	-0.011715	0.070420	-0.028635	-0.017444	-0.050300
	0.008829	0.052652	-0.015439	-0.023604	0.002037	-0.056801
	-0.029270	-0.002391	-0.030154	0.014973	-0.024136	0.030193
	-0.081851					
x124	-0.032451	0.028717	-0.080677	-0.006401	-0.048475	0.000587
	0.020379	0.027817	0.025317	-0.029603	-0.045736	-0.134164
	-0.118991	-0.006694	-0.016326	-0.035963	0.023603	0.008874
	0.009222	0.023983	-0.035314	-0.013944	0.070257	0.043719
	0.080277	-0.115859	0.016156	0.016916	0.013955	-0.082543
	-0.035716					
y124	-0.015129	-0.027963	0.022659	-0.003177	-0.047415	-0.027228
	0.006758	-0.020955	0.005765	0.057076	-0.020862	0.032815
	-0.114767	0.001383	0.002493	0.036141	-0.067593	-0.086456
	-0.006901	0.000198	0.014192	0.064348	0.008444	-0.007040
	0.020183	-0.049071	0.037030	0.002170	0.096999	-0.011319
	-0.018521					
z124	0.008169	0.001605	-0.028296	-0.028795	0.003498	-0.038429
	-0.052313	0.035450	-0.038944	0.052063	0.012831	-0.028640
	-0.054873	-0.001634	0.077918	-0.025522	-0.008347	-0.063106
	0.003430	0.046780	-0.013489	-0.015297	0.000701	-0.043884
	-0.012065	-0.003829	-0.021123	0.012334	-0.026326	0.030187
	-0.088897					
x125	-0.029027	0.031051	-0.078268	-0.000770	-0.045034	0.006134
	0.023324	0.022859	0.017435	-0.024402	-0.038662	-0.127296
	-0.109442	-0.005977	-0.005362	-0.041465	0.018268	0.010383
	0.000646	0.023054	-0.044486	-0.024256	0.071437	0.038127
	0.086203	-0.099736	0.016860	0.019861	0.006404	-0.077520
	-0.032206					
y125	-0.013131	-0.024984	0.021895	-0.004283	-0.044407	-0.025093
	0.003534	-0.020199	0.006630	0.052656	-0.017379	0.032267
	-0.110101	-0.001044	-0.000885	0.022158	-0.065926	-0.076657
	-0.010103	0.009676	0.018148	0.068093	0.005580	-0.008868
	0.020302	-0.050878	0.060549	-0.005477	0.117819	0.001001
	-0.032450					

z125	0.012706	-0.000752	-0.030568	-0.031534	0.006994	-0.037417
	-0.058495	0.033605	-0.038756	0.061612	0.014859	-0.027897
	-0.046906	0.005648	0.084366	-0.022304	-0.002696	-0.069852
	-0.000623	0.044315	-0.010893	-0.008260	-0.000916	-0.039873
	0.001514	-0.003492	-0.009214	0.003459	-0.014901	0.027710
	-0.092387					
x126	-0.023818	0.032819	-0.073238	0.005273	-0.039880	0.014156
	0.027833	0.015308	0.010812	-0.015428	-0.032751	-0.112906
	-0.095725	-0.007241	0.006099	-0.041575	0.016265	0.012962
	-0.011912	0.019691	-0.051488	-0.032181	0.061063	0.022279
	0.092809	-0.064844	0.008172	0.012039	-0.000593	-0.060410
	-0.010267					
y126	-0.012020	-0.020129	0.022987	-0.003931	-0.042752	-0.024634
	0.002548	-0.018383	0.006734	0.039037	-0.017361	0.028237
	-0.101049	0.000357	-0.001152	0.008272	-0.061270	-0.066009
	-0.008643	0.019453	0.026055	0.064923	0.003348	-0.005194
	0.013484	-0.057845	0.078529	-0.003941	0.122454	0.018699
	-0.065302					
z126	0.016909	-0.003126	-0.031586	-0.031739	0.010710	-0.037729
	-0.063002	0.034924	-0.042720	0.061208	0.014305	-0.030452
	-0.035092	0.013878	0.093036	-0.018924	0.001495	-0.075433
	-0.007232	0.038505	-0.007452	-0.004747	-0.002713	-0.028714
	0.011342	-0.013475	0.004257	0.000980	-0.007203	0.034569
	-0.097276					
x127	-0.018502	0.035621	-0.064941	0.012075	-0.034846	0.023073
	0.032698	0.006331	-0.001972	-0.010422	-0.032071	-0.096765
	-0.078732	-0.004153	0.016855	-0.042462	0.014608	0.007149
	-0.027732	0.016739	-0.056040	-0.041684	0.038487	-0.003644
	0.094827	-0.024719	0.001421	-0.008717	0.003570	-0.029801
	0.005550					
y127	-0.010078	-0.014930	0.024773	-0.002037	-0.040106	-0.024154
	0.004816	-0.018764	0.013546	0.025755	-0.015126	0.027532
	-0.088815	-0.002047	-0.000365	-0.001188	-0.050394	-0.045056
	-0.002110	0.029036	0.035133	0.058974	0.003717	0.001526
	0.003807	-0.056760	0.074650	0.000468	0.103328	0.031477
	-0.082220					
z127	0.022110	-0.007044	-0.032859	-0.028977	0.016859	-0.037298
	-0.065087	0.036260	-0.045610	0.059325	0.017663	-0.030292
	-0.019950	0.014592	0.101592	-0.011898	0.008423	-0.069540
	-0.015801	0.026480	-0.007122	-0.002266	-0.004275	-0.014730
	0.020660	-0.022231	0.003651	-0.002705	-0.013819	0.041210
	-0.070099					

x128	-0.011728	0.037515	-0.051100	0.014241	-0.030371	0.035808
	0.034121	0.000555	-0.013925	-0.003840	-0.045156	-0.072990
	-0.058547	0.006755	0.031500	-0.047791	0.008433	-0.009921
	-0.045948	0.009139	-0.039967	-0.045776	0.006989	-0.029289
	0.094538	0.013295	0.012416	-0.028417	0.020743	0.018087
	-0.003299					
y128	-0.007942	-0.008470	0.025375	0.007704	-0.036500	-0.027861
	0.014553	-0.026454	0.022818	0.010795	0.000027	0.024237
	-0.071821	-0.012063	-0.002928	-0.003240	-0.026534	-0.009080
	0.006721	0.049486	0.025991	0.038729	-0.002157	0.006293
	-0.012744	-0.033776	0.039690	-0.001197	0.046041	0.033962
	-0.060816					
z128	0.026462	-0.010162	-0.035925	-0.017743	0.024865	-0.040677
	-0.061418	0.032677	-0.057181	0.051575	0.032452	-0.032768
	-0.002436	0.006421	0.104781	-0.000684	0.019058	-0.053600
	-0.026923	0.018116	-0.027579	-0.014613	-0.012031	-0.005907
	0.023263	-0.024421	-0.017718	-0.014124	-0.032933	0.038961
	0.004106					
x129	-0.003235	0.071465	-0.058254	0.027085	-0.060779	0.002530
	0.001490	-0.000712	-0.046313	0.028118	-0.080125	0.027565
	-0.006109	-0.012830	-0.114310	-0.033129	0.035205	0.072468
	0.000110	-0.054853	-0.037678	-0.085521	-0.084574	0.009756
	-0.001537	0.014987	0.022064	0.027570	0.052457	0.007390
	0.028900					
y129	-0.033995	-0.033865	0.019582	-0.013315	-0.045819	0.006443
	0.016031	-0.036095	0.045051	0.002571	0.010103	-0.009250
	-0.007600	-0.066874	0.090237	-0.002111	0.045421	-0.021309
	-0.042791	0.011653	0.021411	0.047889	0.063397	0.003050
	-0.006869	-0.027861	-0.096388	0.096818	-0.015141	0.009599
	-0.029139					
z129	0.081745	0.005706	-0.072826	-0.016015	0.062721	-0.042011
	-0.096400	0.023934	-0.061158	0.025464	-0.023233	0.010950
	-0.041720	0.038428	-0.075221	-0.028014	0.060985	0.066631
	0.034909	-0.103893	-0.088266	-0.013839	-0.029470	-0.034988
	-0.074975	-0.066408	-0.056849	-0.038202	-0.021770	0.044030
	0.057371					
x130	-0.005056	0.067135	-0.050599	0.027583	-0.060854	0.020348
	-0.005155	0.005728	-0.038645	0.032609	-0.081162	0.037612
	0.002903	-0.016669	-0.079422	-0.027389	0.034274	0.066869
	-0.022986	-0.037230	-0.016121	-0.064155	-0.074492	0.001515
	0.005898	0.028806	0.021420	0.040579	0.020551	0.007835
	0.011753					

y130	-0.024709	-0.031101	0.009777	-0.013628	-0.039318	0.006614
	0.011516	-0.039665	0.048249	0.019444	0.012312	-0.003408
	-0.008625	-0.068154	0.072413	-0.002500	0.047290	-0.008285
	-0.029905	-0.005897	0.009037	0.050680	0.074778	0.007332
	-0.002564	-0.010282	-0.087985	0.095910	-0.026691	0.045017
	-0.005009					
z130	0.083904	0.007406	-0.069535	-0.020733	0.054831	-0.026554
	-0.098802	0.036777	-0.044517	0.029893	-0.017937	0.013125
	-0.040277	0.024495	-0.062847	-0.023762	0.044592	0.048150
	0.029352	-0.088630	-0.071338	0.015624	-0.018978	-0.013370
	-0.073128	-0.061427	-0.019337	-0.007886	-0.003733	0.037437
	0.024020					
x131	-0.007477	0.064519	-0.044754	0.031903	-0.059290	0.027460
	-0.005309	0.005957	-0.042340	0.029264	-0.073376	0.044315
	0.009416	-0.013554	-0.052664	-0.022895	0.031988	0.056900
	-0.034929	-0.020863	-0.013866	-0.048121	-0.073453	-0.019506
	0.005296	0.033757	0.018120	0.034177	0.005173	-0.009461
	0.025386					
y131	-0.015437	-0.028207	-0.002903	-0.008071	-0.035357	-0.000278
	0.011242	-0.048637	0.041502	0.032841	0.025232	0.002721
	-0.012391	-0.073569	0.050690	-0.001196	0.042896	0.011824
	-0.011416	-0.014054	-0.008526	0.053799	0.075484	-0.007201
	-0.002816	0.011231	-0.080409	0.083170	-0.032662	0.063334
	0.060090					
z131	0.084553	0.009594	-0.064179	-0.023424	0.047186	-0.014445
	-0.099917	0.049072	-0.032652	0.027646	-0.016841	0.012158
	-0.038666	0.016575	-0.049188	-0.018607	0.033078	0.027381
	0.023155	-0.074851	-0.056312	0.033939	-0.011595	0.004831
	-0.073080	-0.062786	0.014094	0.015591	0.017110	0.027645
	-0.015565					
x132	-0.008856	0.062545	-0.037858	0.033318	-0.059118	0.036686
	-0.005969	0.010899	-0.040227	0.029278	-0.075111	0.049169
	0.013630	-0.011120	-0.027160	-0.018909	0.032635	0.040870
	-0.048819	-0.007023	-0.006844	-0.037535	-0.063256	-0.024464
	0.009524	0.028411	0.015248	0.024060	-0.016499	-0.013456
	0.023264					
y132	-0.009743	-0.023252	-0.008000	-0.005692	-0.037497	-0.004435
	0.008070	-0.041357	0.045000	0.037865	0.012437	0.003869
	-0.012165	-0.066523	0.042555	-0.003521	0.049624	0.002347
	-0.005307	-0.027331	-0.014747	0.044493	0.075774	0.000229
	-0.004587	0.004533	-0.059353	0.054910	-0.026833	0.094665
	0.048678					

z132	0.086711	0.011463	-0.064421	-0.023887	0.044340	-0.000875
	-0.098538	0.049434	-0.023480	0.034688	0.002175	0.014936
	-0.037217	-0.005039	-0.051236	-0.012552	0.018360	0.031620
	0.025427	-0.059072	-0.046429	0.054782	0.001815	0.008262
	-0.056247	-0.047399	0.030277	0.037189	0.013096	0.013706
	0.010328					
x133	-0.009972	0.061512	-0.031403	0.035947	-0.055227	0.040315
	-0.003503	0.011113	-0.044564	0.023702	-0.072041	0.049856
	0.017071	-0.007411	-0.009028	-0.011472	0.029122	0.028553
	-0.058460	0.003745	-0.010515	-0.031354	-0.063409	-0.029317
	0.003960	0.018035	0.009485	0.015215	-0.021398	-0.039725
	0.010705					
y133	-0.006061	-0.019164	-0.013295	-0.001108	-0.035500	-0.011145
	0.005335	-0.037017	0.040376	0.029055	0.007010	0.001005
	-0.009695	-0.055457	0.030232	-0.002912	0.054293	-0.005760
	0.003226	-0.045343	-0.032342	0.039832	0.057139	0.005551
	-0.014996	-0.006738	-0.042959	0.026969	-0.000588	0.076755
	0.018814					
z133	0.088480	0.013297	-0.063902	-0.023996	0.042115	0.012191
	-0.096375	0.050118	-0.014053	0.040747	0.016434	0.017762
	-0.035672	-0.023215	-0.053794	-0.009920	0.008637	0.033150
	0.028408	-0.045818	-0.034280	0.071070	0.017630	0.011020
	-0.037767	-0.032089	0.039726	0.050011	0.007989	0.005296
	0.028305					
x134	-0.009210	0.059694	-0.024533	0.036152	-0.052703	0.046597
	0.000797	0.009934	-0.046248	0.023396	-0.070130	0.050550
	0.021820	-0.008318	0.008455	-0.000591	0.026287	0.026721
	-0.063086	0.017272	-0.005983	-0.029745	-0.063668	-0.032003
	0.002313	0.011788	0.005487	0.012362	-0.026457	-0.046744
	0.002085					
y134	0.000975	-0.019990	-0.019415	0.006132	-0.036381	-0.010243
	0.000945	-0.035903	0.038106	0.031687	0.007357	-0.000398
	-0.008560	-0.051324	0.021708	-0.000427	0.050655	0.003135
	0.008778	-0.060208	-0.036335	0.035082	0.046870	-0.001923
	-0.017155	0.002531	-0.030963	0.000040	0.008008	0.084306
	0.039836					
z134	0.088584	0.015028	-0.061005	-0.022350	0.039138	0.020717
	-0.094178	0.054448	-0.008384	0.040359	0.021848	0.018550
	-0.036472	-0.028639	-0.051656	-0.010345	0.000981	0.020138
	0.030374	-0.035859	-0.021861	0.076842	0.027558	0.015083
	-0.029564	-0.022510	0.046205	0.049927	0.010591	-0.002913
	0.021177					

x135	-0.006899	0.056127	-0.019816	0.036069	-0.046043	0.050231
	0.005162	0.009725	-0.048231	0.028724	-0.065283	0.052338
	0.018248	0.002502	0.020740	0.004906	0.021397	0.013470
	-0.055966	0.019449	-0.012102	-0.019597	-0.050887	-0.029480
	0.007588	0.004254	0.002533	0.017850	-0.037904	-0.052215
	-0.012026					
y135	0.007245	-0.022079	-0.024227	0.009404	-0.034315	-0.010718
	-0.005129	-0.033720	0.040263	0.038439	0.008703	-0.000752
	-0.012188	-0.047521	0.010446	-0.003340	0.048300	0.021280
	0.015687	-0.082311	-0.040500	0.030665	0.044767	-0.010773
	0.002576	0.008875	-0.001905	-0.013614	-0.001983	0.078682
	0.051326					
z135	0.086620	0.018141	-0.055790	-0.019862	0.035131	0.027823
	-0.088328	0.057050	-0.005102	0.033868	0.023546	0.016792
	-0.035738	-0.035810	-0.049961	-0.008954	-0.000550	0.009829
	0.032604	-0.018362	-0.006230	0.067776	0.025774	0.018541
	-0.023377	-0.019336	0.050749	0.043368	0.018283	-0.017004
	0.009012					
x136	-0.004742	0.052983	-0.013615	0.035328	-0.038435	0.052436
	0.013691	0.005602	-0.050596	0.033622	-0.061989	0.051711
	0.013680	0.005300	0.031653	0.007914	0.014315	-0.001407
	-0.051248	0.033533	-0.020645	-0.011893	-0.050738	-0.025031
	-0.001930	-0.007768	-0.000650	0.023376	-0.040604	-0.057508
	-0.021908					
y136	0.010310	-0.023123	-0.028883	0.013059	-0.029863	-0.009282
	-0.009628	-0.034659	0.041473	0.039034	0.012115	0.000705
	-0.009531	-0.047788	0.006480	-0.009176	0.046466	0.023092
	0.023540	-0.079141	-0.035315	0.038253	0.032484	-0.014078
	0.000709	0.008435	0.014634	-0.007427	0.007966	0.070139
	0.037198					
z136	0.084097	0.020036	-0.051448	-0.017667	0.033356	0.032902
	-0.082319	0.058610	-0.003892	0.026595	0.026315	0.015797
	-0.032988	-0.038102	-0.051032	-0.007526	0.002499	0.001219
	0.037264	-0.009079	0.011071	0.056886	0.031313	0.014315
	-0.010633	-0.013406	0.045251	0.027780	0.014523	-0.025757
	-0.000742					
x137	-0.001377	0.052685	-0.006754	0.033502	-0.032417	0.051509
	0.020186	0.002517	-0.052793	0.036464	-0.061394	0.051560
	0.011462	0.008149	0.033604	0.015330	0.012299	-0.007489
	-0.042488	0.043796	-0.021394	-0.013499	-0.046278	-0.018939
	-0.017113	-0.019663	-0.003042	0.020050	-0.044559	-0.063707
	-0.035461					

y137	0.015047	-0.021888	-0.031541	0.016669	-0.029534	-0.010800
	-0.017666	-0.031472	0.043733	0.036519	0.014606	0.002137
	-0.008934	-0.041307	-0.004237	-0.015888	0.049856	0.036415
	0.028836	-0.083542	-0.018837	0.031469	0.020455	-0.027686
	-0.001091	0.020019	0.033890	-0.031613	0.018686	0.048279
	0.028114					
z137	0.080911	0.020714	-0.046977	-0.013269	0.032986	0.037747
	-0.074357	0.057841	-0.005616	0.019813	0.027454	0.013798
	-0.031471	-0.038301	-0.052128	-0.009070	0.003815	-0.008467
	0.042677	-0.001176	0.023020	0.044595	0.033807	0.010356
	0.007760	-0.007601	0.034591	0.009508	0.010215	-0.028562
	-0.007082					
x138	0.002388	0.051901	-0.001396	0.031587	-0.024085	0.049421
	0.029527	-0.004079	-0.054974	0.041745	-0.061213	0.049621
	0.007143	0.009896	0.031044	0.020405	0.007549	-0.019524
	-0.034612	0.056500	-0.029523	-0.018018	-0.037934	-0.003303
	-0.028210	-0.036717	-0.003760	0.017617	-0.051112	-0.070349
	-0.048292					
y138	0.018705	-0.024025	-0.035987	0.024657	-0.029320	-0.010544
	-0.024937	-0.033229	0.043095	0.032806	0.014332	0.000524
	-0.005677	-0.042611	-0.012226	-0.019998	0.044813	0.043712
	0.019290	-0.075665	-0.005758	0.016068	0.018673	-0.032367
	-0.008200	0.030263	0.047009	-0.053885	0.017293	0.021232
	0.019393					
z138	0.077092	0.021494	-0.040590	-0.008841	0.032312	0.041348
	-0.065506	0.058996	-0.007025	0.010002	0.027245	0.011777
	-0.031079	-0.034826	-0.051109	-0.011634	0.012471	-0.016752
	0.053477	0.002278	0.038492	0.023452	0.030138	-0.001186
	0.024188	-0.005652	0.018303	-0.017030	0.009381	-0.024535
	-0.016753					
x139	0.005547	0.050182	0.007558	0.036935	-0.020394	0.049792
	0.029141	-0.007729	-0.038604	0.034509	-0.052293	0.054483
	0.004820	0.010351	0.038959	0.015684	0.005923	-0.017272
	-0.024267	0.042719	-0.035372	-0.012258	-0.020295	0.013111
	-0.039058	-0.035909	-0.001341	0.012278	-0.039215	-0.041800
	-0.045847					
y139	0.027973	-0.024231	-0.047761	0.028943	-0.029804	-0.013341
	-0.027930	-0.028177	0.037204	0.033682	0.013623	0.007664
	-0.005272	-0.037718	-0.022053	-0.025799	0.028282	0.045410
	0.018162	-0.068906	-0.015074	0.015281	0.010760	-0.041754
	-0.018481	0.032108	0.050814	-0.051914	0.009863	0.000177
	0.023882					

z139	0.077055	0.026262	-0.040868	-0.012695	0.024016	0.036844
	-0.047220	0.058550	0.000464	-0.000237	0.027862	0.011889
	-0.020529	-0.026320	-0.059105	-0.023585	0.000053	-0.025836
	0.031619	0.006929	0.032714	0.029370	0.013703	0.004303
	0.035327	-0.007303	0.013068	-0.019163	0.002425	-0.002030
	-0.025397					
x140	0.008819	0.049671	0.014201	0.041490	-0.015857	0.049741
	0.028633	-0.012095	-0.026167	0.028503	-0.045010	0.057957
	0.001729	0.007997	0.042199	0.009158	0.003642	-0.018371
	-0.022652	0.024893	-0.037334	-0.013860	-0.006457	0.021781
	-0.046947	-0.040471	0.004707	0.008462	-0.040748	-0.014986
	-0.053306					
y140	0.035842	-0.021491	-0.060895	0.031017	-0.026494	-0.012979
	-0.026840	-0.024115	0.032045	0.028879	0.013444	0.012348
	-0.003954	-0.032686	-0.033241	-0.036668	0.022122	0.042606
	0.008135	-0.062952	-0.017346	0.007005	0.000160	-0.040906
	-0.013171	0.025787	0.050891	-0.044797	-0.004788	-0.001583
	0.009283					
z140	0.076100	0.028837	-0.037734	-0.017607	0.013902	0.032762
	-0.030753	0.058005	0.009607	-0.008276	0.025582	0.014070
	-0.011167	-0.019911	-0.060017	-0.026525	-0.011834	-0.031191
	0.023889	0.013962	0.025606	0.037984	0.003287	0.003381
	0.044392	0.001572	0.008418	-0.025480	0.007794	0.008014
	-0.028337					
x141	0.011550	0.048720	0.019051	0.046211	-0.010179	0.048596
	0.028232	-0.017351	-0.011599	0.025622	-0.033800	0.058779
	-0.000241	0.001945	0.045226	0.009877	0.002598	-0.006758
	-0.015932	0.010563	-0.038471	-0.010377	0.007209	0.021163
	-0.049291	-0.034462	0.001265	0.009160	-0.032998	-0.003787
	-0.034786					
y141	0.043697	-0.018630	-0.072826	0.031785	-0.022169	-0.013801
	-0.025777	-0.022847	0.035896	0.027832	0.019606	0.016624
	0.000732	-0.036912	-0.043604	-0.037882	0.016526	0.053300
	0.008742	-0.053191	-0.023405	0.000511	-0.003093	-0.052442
	0.000901	0.037030	0.054117	-0.030901	0.000438	-0.019758
	0.016167					
z141	0.074365	0.029198	-0.033077	-0.023786	0.003908	0.032080
	-0.016635	0.062697	0.014774	-0.017888	0.015478	0.015842
	-0.007821	-0.005955	-0.056544	-0.036416	-0.019890	-0.048467
	0.009923	0.017016	0.027694	0.048304	-0.010824	0.018561
	0.044844	-0.002382	0.004778	-0.033393	-0.000444	0.034438
	-0.055183					

x142	0.014032	0.046762	0.023884	0.048095	-0.005838	0.049341
	0.027192	-0.019922	0.000171	0.022947	-0.025573	0.063239
	-0.001742	0.000683	0.046765	0.010333	0.000159	-0.000683
	-0.012795	-0.003405	-0.044042	-0.009562	0.021918	0.022096
	-0.045015	-0.026579	-0.000608	0.010457	-0.029937	0.010801
	-0.028936					
y142	0.050414	-0.017150	-0.083959	0.036006	-0.017475	-0.010781
	-0.023157	-0.016677	0.035451	0.021580	0.021643	0.022122
	0.003070	-0.040300	-0.047343	-0.035963	0.009762	0.055606
	0.004026	-0.043784	-0.022116	-0.006724	-0.002613	-0.051925
	-0.000663	0.053035	0.033764	-0.017880	-0.005014	-0.015962
	0.010093					
z142	0.071503	0.031496	-0.028024	-0.029744	-0.004942	0.025470
	-0.002424	0.058597	0.017692	-0.028040	0.012238	0.012666
	-0.004697	0.006815	-0.057784	-0.040065	-0.022942	-0.056896
	0.003426	0.020166	0.016974	0.049333	-0.022179	0.022771
	0.043180	-0.020852	0.009774	-0.044060	-0.001745	0.027547
	-0.057446					
x143	0.015652	0.045880	0.026523	0.048208	-0.001991	0.050237
	0.026352	-0.021825	0.010822	0.022179	-0.022266	0.060130
	-0.005004	0.003257	0.049134	0.005804	-0.004853	0.000945
	-0.013554	-0.021034	-0.034237	-0.007847	0.027715	0.016584
	-0.045009	-0.031891	0.003842	0.004218	-0.028519	0.016805
	-0.039978					
y143	0.055751	-0.014822	-0.093548	0.036682	-0.014453	-0.007607
	-0.016732	-0.010377	0.037422	0.010298	0.021077	0.020238
	0.002715	-0.035340	-0.045555	-0.040608	0.005922	0.048782
	0.002910	-0.030803	-0.021370	-0.021681	-0.008150	-0.046504
	0.005199	0.052437	0.032411	-0.019326	0.003916	-0.023719
	-0.008475					
z143	0.067391	0.031194	-0.021891	-0.032216	-0.010583	0.017750
	0.010582	0.051548	0.014183	-0.042001	0.016830	0.014750
	-0.000468	0.014498	-0.060555	-0.033114	-0.023989	-0.050443
	0.005469	0.027619	-0.006218	0.056392	-0.019143	0.023859
	0.037656	-0.022560	-0.008275	-0.045346	-0.006027	0.019146
	-0.022746					
x144	0.016993	0.044810	0.028245	0.046287	0.003113	0.049289
	0.025187	-0.024624	0.018935	0.023426	-0.017874	0.059324
	-0.006871	0.006693	0.048335	0.003698	-0.009922	0.005282
	-0.013705	-0.037726	-0.032955	-0.008032	0.036728	0.006925
	-0.041440	-0.035747	-0.000152	0.005839	-0.025773	0.018869
	-0.040972					

y144	0.059203	-0.013421	-0.101816	0.036631	-0.010253	-0.003017
	-0.009121	-0.003399	0.041000	-0.000416	0.019454	0.022439
	0.006020	-0.034650	-0.043946	-0.036297	0.004908	0.043657
	0.005833	-0.019495	-0.020939	-0.020326	-0.013084	-0.045074
	-0.001677	0.049778	0.013829	-0.009102	-0.003050	-0.014711
	-0.005378					
z144	0.063368	0.029862	-0.013289	-0.034700	-0.017988	0.014209
	0.019658	0.047993	0.016721	-0.052599	0.016853	0.014997
	-0.001147	0.015774	-0.057434	-0.029730	-0.021336	-0.046771
	0.007296	0.035300	-0.016172	0.048509	-0.018722	0.037476
	0.047617	-0.011843	-0.004290	-0.051656	-0.006782	-0.000658
	-0.008807					
x145	0.017112	0.043716	0.029100	0.043196	0.008626	0.048362
	0.022178	-0.029535	0.023331	0.025224	-0.015128	0.057532
	-0.009971	0.007979	0.043253	-0.004855	-0.018349	0.009878
	-0.012965	-0.046004	-0.028762	-0.004454	0.038510	-0.004365
	-0.042687	-0.036754	0.001848	-0.002114	-0.028205	0.007792
	-0.025635					
y145	0.061783	-0.012527	-0.108700	0.035091	-0.007986	0.001889
	-0.003784	-0.001310	0.047474	-0.011914	0.017824	0.024165
	0.008380	-0.035397	-0.045751	-0.033780	0.002984	0.030885
	0.008602	-0.005759	-0.032803	-0.031698	-0.020266	-0.036740
	0.002585	0.054330	0.017087	-0.008505	-0.012294	-0.024878
	0.014334					
z145	0.060591	0.026447	-0.003453	-0.040385	-0.024946	0.016256
	0.027727	0.050762	0.026542	-0.053558	0.010167	0.017863
	-0.004101	0.020303	-0.046420	-0.017562	-0.011083	-0.042116
	0.006841	0.032946	-0.010924	0.050538	-0.010365	0.059186
	0.057563	-0.010284	-0.010824	-0.035578	-0.013778	0.011570
	-0.025584					
x146	0.017603	0.037305	0.030726	0.037583	0.011191	0.049726
	0.022171	-0.030847	0.029205	0.024467	-0.009738	0.059140
	-0.008862	0.018921	0.043487	0.003353	-0.019742	0.020483
	-0.000207	-0.049386	-0.041999	-0.002857	0.048734	-0.011626
	-0.023428	-0.023307	-0.001967	0.001793	-0.019010	0.001559
	-0.009881					
y146	0.065897	-0.011482	-0.114265	0.035345	-0.004594	0.008354
	0.004483	0.012718	0.056952	-0.030413	0.014526	0.026992
	0.003139	-0.036089	-0.034177	-0.021281	0.019509	0.025963
	0.017529	0.014824	-0.027324	-0.025887	-0.024698	-0.022915
	0.014705	0.053576	-0.010838	-0.000782	-0.023777	-0.022467
	0.034326					

z146	0.053193	0.028483	0.004299	-0.044005	-0.027467	0.006456
	0.036478	0.038304	0.020628	-0.058189	0.011005	0.009427
	-0.003270	0.018784	-0.049207	-0.008940	-0.014343	-0.038762
	-0.000938	0.018505	-0.016360	0.025531	-0.009779	0.056033
	0.042464	-0.021323	-0.007612	-0.040582	-0.020243	-0.017236
	-0.026338					
x147	0.018849	0.035374	0.029518	0.034115	0.016482	0.045062
	0.020238	-0.030054	0.031998	0.029079	-0.009178	0.056964
	-0.013738	0.021463	0.039627	0.005524	-0.023467	0.027592
	0.002975	-0.054836	-0.036125	-0.000731	0.056537	-0.016888
	-0.015013	-0.021237	-0.010343	0.006515	-0.020360	-0.018184
	-0.007970					
y147	0.068046	-0.010197	-0.119866	0.035730	0.000986	0.013266
	0.015530	0.025380	0.060928	-0.052183	0.011259	0.026658
	-0.005903	-0.040521	-0.022500	-0.009218	0.031485	0.023003
	0.032972	0.038224	-0.014691	-0.024981	-0.021428	-0.004224
	0.013284	0.047795	-0.045551	0.005022	-0.032187	-0.020547
	0.048293					
z147	0.046882	0.025066	0.017683	-0.052694	-0.031233	0.009730
	0.042033	0.029765	0.025522	-0.061229	0.007202	0.008387
	-0.002546	0.026528	-0.038649	0.000630	-0.002832	-0.031120
	-0.005378	0.005552	-0.018731	0.016322	-0.016038	0.052101
	0.043301	-0.014661	-0.002895	-0.042565	-0.021643	-0.019031
	-0.016230					
x148	0.017967	0.035677	0.028505	0.033652	0.018306	0.039357
	0.018528	-0.021811	0.041525	0.030401	-0.007194	0.056257
	-0.011623	0.023440	0.034502	-0.004864	-0.020739	0.030535
	0.010485	-0.048155	-0.047228	0.005803	0.055342	-0.018927
	-0.024599	-0.022616	-0.018247	0.006706	-0.012400	-0.014956
	-0.001199					
y148	0.070616	-0.008497	-0.116956	0.038558	0.000138	0.017897
	0.014549	0.022101	0.056667	-0.045569	0.011323	0.032815
	-0.005452	-0.038697	-0.027373	-0.005940	0.036016	0.003611
	0.011691	0.026864	0.017306	-0.021224	-0.026443	0.005774
	0.007955	0.042623	-0.029861	0.016997	-0.030571	-0.013687
	0.028660					
z148	0.039256	0.024950	0.031607	-0.053914	-0.036247	0.003176
	0.046346	0.018459	0.017439	-0.050286	0.013864	0.005200
	-0.007542	0.035042	-0.043472	0.001685	-0.006361	-0.010376
	-0.012777	-0.004431	-0.022552	0.012800	-0.006079	0.052220
	0.029428	0.002109	0.005267	-0.035311	-0.019590	-0.019642
	-0.009739					

x149	0.017515	0.035646	0.028100	0.032418	0.019633	0.032726
	0.016820	-0.015885	0.052075	0.032601	-0.001871	0.055107
	-0.006198	0.029743	0.028109	-0.012539	-0.019811	0.032538
	0.016870	-0.032755	-0.053302	0.001771	0.060976	-0.005575
	-0.033808	-0.017112	-0.014511	0.005364	-0.000208	-0.013086
	0.009508					
y149	0.072060	-0.006950	-0.112122	0.040599	-0.000848	0.018485
	0.015495	0.017178	0.050506	-0.042374	0.014304	0.035268
	-0.004637	-0.031717	-0.034219	-0.003243	0.036704	-0.010275
	-0.006625	0.018570	0.037035	-0.027413	-0.021082	0.018466
	0.000593	0.035090	-0.014062	0.026125	-0.024503	-0.013945
	0.013098					
z149	0.032632	0.023132	0.043997	-0.057131	-0.042250	0.002362
	0.046023	0.010620	0.014071	-0.038247	0.011106	0.004492
	-0.014580	0.037105	-0.040413	0.001693	-0.007792	0.003715
	-0.021578	-0.017318	-0.025070	0.019706	-0.005294	0.042220
	0.025466	0.014134	0.011892	-0.017732	-0.026957	-0.007954
	-0.020546					
x150	0.018151	0.034601	0.026004	0.031689	0.020679	0.025890
	0.016892	-0.010981	0.059557	0.032031	-0.000873	0.055641
	-0.003627	0.033591	0.025951	-0.018416	-0.022109	0.035116
	0.023017	-0.021980	-0.056643	0.002641	0.064148	0.002312
	-0.036198	-0.016452	-0.014522	0.004132	-0.001044	-0.015006
	0.012474					
y150	0.073185	-0.005765	-0.107056	0.041624	-0.001327	0.019426
	0.017956	0.015514	0.045297	-0.039017	0.014849	0.035670
	-0.008498	-0.025977	-0.039297	-0.001097	0.037823	-0.016471
	-0.021859	0.008251	0.051760	-0.030928	-0.019549	0.027817
	-0.002863	0.024981	-0.005919	0.033455	-0.017573	-0.014105
	0.001289					
z150	0.024649	0.024111	0.054068	-0.057423	-0.045418	-0.000560
	0.044953	-0.001944	0.005743	-0.031169	0.019451	-0.001233
	-0.011045	0.041542	-0.039784	0.003270	-0.005432	0.012160
	-0.027451	-0.018618	-0.033472	0.020486	-0.003793	0.026955
	0.007653	0.025838	0.011104	-0.005265	-0.010421	-0.006134
	-0.008957					
x151	0.018491	0.031958	0.024820	0.031382	0.022239	0.020283
	0.015433	-0.010699	0.062489	0.033273	0.001128	0.051803
	-0.001801	0.036654	0.025752	-0.020121	-0.022975	0.037456
	0.025664	-0.016354	-0.056596	0.006977	0.061772	0.005996
	-0.039376	-0.016267	-0.015265	0.011385	0.007783	-0.016280
	0.019218					

y151	0.073506	-0.005639	-0.100324	0.041388	-0.001343	0.022696
	0.020256	0.014024	0.042301	-0.035829	0.013732	0.035808
	-0.012385	-0.020703	-0.039684	0.001051	0.038296	-0.020874
	-0.038016	-0.002129	0.061830	-0.031156	-0.019120	0.036992
	-0.008498	0.014527	-0.003100	0.045105	-0.016865	-0.011438
	-0.010009					
z151	0.018721	0.024481	0.062076	-0.064080	-0.050791	0.001499
	0.042211	-0.005438	0.011683	-0.018340	0.018543	0.001062
	-0.008568	0.044256	-0.034897	0.000752	-0.003321	0.015806
	-0.032178	-0.015215	-0.028860	0.019297	-0.000873	0.024800
	0.009117	0.043468	0.021929	0.001754	-0.015117	0.007239
	-0.021368					
x152	0.018572	0.028152	0.023859	0.028128	0.026872	0.014770
	0.013372	-0.009808	0.063047	0.033981	0.003091	0.052511
	-0.000397	0.042338	0.022864	-0.023973	-0.024080	0.035585
	0.024855	-0.005486	-0.052980	0.009866	0.062395	0.008043
	-0.033282	-0.018088	-0.017615	0.015985	0.012822	-0.019559
	0.026918					
y152	0.072477	-0.005352	-0.093180	0.039509	-0.000939	0.024546
	0.024090	0.011578	0.038780	-0.036648	0.013378	0.033862
	-0.015135	-0.018045	-0.036963	0.005162	0.038963	-0.022041
	-0.057430	-0.006910	0.061445	-0.036415	-0.016717	0.040190
	-0.012772	0.000931	-0.005005	0.056552	-0.012048	-0.017837
	-0.009130					
z152	0.012432	0.027857	0.068525	-0.063479	-0.058178	-0.000210
	0.042782	-0.012352	0.005332	-0.012479	0.022686	-0.007936
	-0.004025	0.048342	-0.032927	0.003298	-0.002995	0.028712
	-0.023742	-0.016190	-0.032482	0.013798	-0.000261	0.013155
	-0.008159	0.052622	0.025076	0.005875	-0.006287	0.009230
	-0.021152					
x153	0.019565	0.024045	0.022710	0.024624	0.029866	0.011261
	0.012260	-0.011360	0.063290	0.035450	0.002194	0.051820
	0.000825	0.045599	0.022406	-0.028328	-0.030719	0.031227
	0.024459	0.008241	-0.042549	0.007895	0.063805	0.007091
	-0.031672	-0.017286	-0.017902	0.029430	0.019323	-0.028049
	0.051490					
y153	0.070618	-0.005853	-0.084451	0.037009	0.000004	0.025697
	0.028753	0.011818	0.035370	-0.039209	0.013948	0.029132
	-0.019771	-0.011942	-0.035228	0.007221	0.038495	-0.017834
	-0.072299	-0.012508	0.052454	-0.040754	-0.010924	0.042007
	-0.019362	-0.013558	-0.014887	0.068250	-0.005956	-0.021800
	-0.004923					

z153	0.005892	0.032121	0.070374	-0.063440	-0.063487	-0.002842
	0.041070	-0.020298	-0.000221	-0.011579	0.029812	-0.016215
	0.005880	0.052762	-0.023539	0.007191	0.005706	0.032414
	-0.017884	-0.011916	-0.039483	0.019827	-0.005748	0.002710
	-0.006595	0.052108	0.029694	-0.001115	0.002853	0.009881
	-0.040123					
x154	0.019342	0.018133	0.022033	0.022511	0.032957	0.005605
	0.008599	-0.013522	0.064426	0.030513	0.003019	0.052781
	0.002044	0.045886	0.022915	-0.028060	-0.031018	0.035449
	0.015958	0.023520	-0.036798	0.015116	0.069196	0.009721
	-0.026155	-0.008920	-0.016933	0.035927	0.024364	-0.028909
	0.072185					
y154	0.068006	-0.007872	-0.074917	0.032449	0.000485	0.027930
	0.033251	0.011532	0.034881	-0.042678	0.012061	0.023159
	-0.024472	-0.005583	-0.028925	0.008628	0.039331	-0.009839
	-0.087508	-0.018112	0.039615	-0.040886	-0.003076	0.042901
	-0.021951	-0.027672	-0.030553	0.075065	-0.008761	-0.028103
	0.005882					
z154	0.001394	0.036274	0.072094	-0.065974	-0.070176	-0.000850
	0.041096	-0.026180	-0.004492	-0.001778	0.034145	-0.024012
	0.018459	0.060478	-0.016354	0.007354	0.010293	0.030827
	0.002681	-0.004024	-0.033848	0.012688	-0.011620	-0.008305
	-0.018841	0.049868	0.028169	0.000087	0.013284	0.007564
	-0.056691					
x155	0.019097	0.014101	0.018700	0.019731	0.032603	-0.000988
	0.005984	-0.014476	0.065298	0.028358	0.007215	0.047982
	0.006266	0.048627	0.023094	-0.021265	-0.025004	0.027924
	0.013947	0.039661	-0.023889	0.015535	0.064910	0.015156
	-0.021844	-0.009674	-0.021674	0.042234	0.028421	-0.031288
	0.068684					
y155	0.064611	-0.008840	-0.065484	0.028244	0.000901	0.030570
	0.039644	0.015215	0.037645	-0.044219	0.009467	0.018186
	-0.029767	0.000431	-0.019155	0.010816	0.032816	0.001605
	-0.094374	-0.018635	0.017965	-0.043110	-0.000261	0.048462
	-0.026141	-0.044828	-0.048277	0.079953	-0.007732	-0.035411
	0.019207					
z155	-0.000975	0.037934	0.073947	-0.066708	-0.073677	0.003703
	0.038786	-0.036044	-0.009408	0.008104	0.036006	-0.026306
	0.030999	0.062813	-0.004838	0.005492	0.005383	0.037034
	0.014990	0.000387	-0.036813	0.005248	-0.006442	-0.027213
	-0.016433	0.053799	0.039779	0.001292	0.025177	0.007693
	-0.047033					

x156	0.018907	0.012299	0.015958	0.019922	0.035331	-0.012242
	-0.000499	-0.017565	0.067707	0.020289	0.010012	0.042286
	0.009545	0.048025	0.020889	-0.015552	-0.019363	0.028602
	0.000455	0.056964	-0.016655	0.008988	0.062289	0.004503
	-0.030336	-0.010440	-0.028130	0.055330	0.020112	-0.054530
	0.084300					
y156	0.057974	-0.028658	-0.054555	0.012181	-0.006845	0.061375
	0.067215	0.013606	0.020750	-0.056891	0.017369	0.016584
	-0.030157	0.019302	0.021399	0.023995	0.002427	0.048005
	-0.032820	0.010758	-0.045015	-0.029486	-0.010143	0.068436
	0.007218	-0.021834	-0.043384	0.083108	0.058549	0.013700
	0.067711					
z156	-0.001202	0.048124	0.073538	-0.066142	-0.074182	-0.003452
	0.024961	-0.038810	-0.003996	0.026849	0.029291	-0.028963
	0.045363	0.061771	-0.008914	-0.000403	0.018563	0.005026
	-0.009930	-0.010000	-0.004174	-0.000977	0.006344	-0.027622
	-0.015444	0.033112	0.037454	0.005146	0.010103	-0.002475
	-0.082976					
x157	0.016232	0.006436	0.014205	0.012956	0.032468	-0.015427
	-0.011604	-0.020463	0.070142	0.015815	0.000492	0.030679
	0.006443	0.045608	0.020118	-0.018204	-0.013478	0.025939
	-0.016479	0.057697	-0.013597	0.008045	0.049549	-0.001018
	-0.024847	-0.011186	-0.014829	0.059032	0.018432	-0.038766
	0.050084					
y157	0.056156	-0.023414	-0.044430	0.009706	-0.007446	0.059001
	0.055247	0.009245	0.027771	-0.056686	0.015037	0.012004
	-0.009624	0.010865	0.031581	-0.002928	0.012543	0.036753
	-0.015175	0.031682	-0.026989	-0.022534	-0.011112	0.064154
	-0.004463	-0.000594	-0.037115	0.064745	0.035117	0.003244
	0.019256					
z157	-0.007090	0.057818	0.070311	-0.064090	-0.073097	-0.011360
	0.021250	-0.048528	-0.009841	0.035432	0.030242	-0.029002
	0.044172	0.055539	-0.020946	0.005353	0.018217	-0.014488
	-0.011912	-0.009112	-0.002402	-0.012348	0.012101	-0.048543
	-0.010191	-0.002561	0.043338	0.031273	0.000546	-0.037005
	-0.043383					
x158	0.013475	0.002890	0.010613	0.007773	0.032967	-0.024212
	-0.021367	-0.022350	0.069414	0.010289	-0.003172	0.023663
	0.007799	0.042865	0.015719	-0.016720	-0.008806	0.021217
	-0.029464	0.062900	-0.003340	-0.000337	0.030461	0.004564
	-0.027966	-0.015860	0.001325	0.046311	0.009306	-0.049926
	0.024849					

y158	0.054240	-0.018892	-0.035672	0.007469	-0.012168	0.060130
	0.045099	0.008212	0.036646	-0.048931	0.009838	0.005866
	0.005739	0.003172	0.038498	-0.026565	0.017052	0.028928
	0.004326	0.045719	-0.010613	-0.009952	-0.012691	0.065797
	-0.008653	0.020736	-0.027741	0.055939	0.015903	0.011492
	-0.030488					
z158	-0.010976	0.060294	0.067963	-0.061766	-0.075991	-0.008628
	0.017917	-0.052751	-0.013249	0.043127	0.023388	-0.032710
	0.039391	0.048582	-0.028551	0.012082	0.010201	-0.023682
	-0.016639	-0.015285	-0.011578	-0.014319	0.024238	-0.062267
	0.002051	-0.022147	0.051366	0.054879	0.004124	-0.036272
	-0.015321					
x159	0.013522	-0.000036	0.009656	-0.000157	0.029653	-0.024375
	-0.025751	-0.018122	0.066632	0.010844	-0.009334	0.025183
	0.009534	0.035072	0.018440	-0.022708	-0.005535	0.013607
	-0.046097	0.056358	0.009148	-0.002393	0.011689	0.017309
	-0.032994	-0.021532	0.018458	0.054006	0.011661	-0.035942
	0.005223					
y159	0.050853	-0.013622	-0.027685	0.006977	-0.015354	0.055994
	0.036706	0.002646	0.036783	-0.046095	0.005729	-0.004151
	0.018223	0.003184	0.034341	-0.042598	0.020029	0.020965
	0.026332	0.060269	-0.005513	-0.005548	-0.010793	0.054091
	-0.010097	0.028024	-0.022585	0.045834	0.005514	-0.000289
	-0.063872					
z159	-0.015373	0.062591	0.061505	-0.052987	-0.074151	-0.013532
	0.013230	-0.061794	-0.016574	0.041138	0.019139	-0.045305
	0.035976	0.047021	-0.042106	0.021132	0.006551	-0.028243
	-0.007907	-0.016484	-0.020476	-0.022109	0.035238	-0.079215
	0.005200	-0.046130	0.055870	0.053159	-0.003497	-0.057568
	0.006798					
x160	0.014985	-0.004297	0.008092	-0.006415	0.029154	-0.027851
	-0.027858	-0.010691	0.062928	0.008067	-0.006380	0.030428
	0.014757	0.038814	0.014432	-0.017850	0.000447	0.015262
	-0.059206	0.050668	0.015326	0.008670	0.015872	0.013205
	-0.025671	-0.022677	0.010497	0.059867	0.006786	-0.032744
	0.003298					
y160	0.046871	-0.009875	-0.018973	0.005201	-0.020713	0.053497
	0.029807	-0.002979	0.034145	-0.038123	-0.001245	-0.014757
	0.024366	-0.001275	0.028015	-0.055380	0.019895	0.011652
	0.038985	0.063654	0.001229	-0.006772	-0.013737	0.055475
	-0.013486	0.037060	-0.011156	0.037734	-0.003697	0.003990
	-0.082258					

z160	-0.016701	0.062282	0.055642	-0.039568	-0.071860	-0.013212
	0.009902	-0.063033	-0.016607	0.040316	0.011941	-0.053836
	0.031572	0.041857	-0.045959	0.030226	0.004402	-0.031288
	-0.002951	-0.020180	-0.019448	-0.025784	0.036164	-0.072503
	-0.000811	-0.058311	0.059963	0.049509	-0.012783	-0.053079
	0.019637					
x161	0.015100	-0.010039	0.009294	-0.014521	0.026281	-0.029372
	-0.031903	-0.001480	0.055689	0.009998	-0.009173	0.029100
	0.016889	0.040134	0.006517	-0.013466	0.001717	0.012702
	-0.075317	0.045106	0.028538	0.014301	0.009849	0.015139
	-0.020329	-0.031378	0.008463	0.054862	0.023633	-0.024693
	0.002590					
y161	0.041647	-0.004614	-0.011783	0.003058	-0.025781	0.048702
	0.028356	-0.009171	0.026429	-0.034226	-0.004538	-0.021334
	0.028024	-0.000998	0.018100	-0.064411	0.019132	0.004865
	0.052232	0.064538	0.003675	-0.005698	-0.012588	0.043695
	-0.011406	0.035896	-0.006438	0.032409	-0.024481	0.005861
	-0.098165					
z161	-0.016412	0.061336	0.047838	-0.024068	-0.064797	-0.011995
	0.008745	-0.060499	-0.015664	0.037114	0.009513	-0.056722
	0.028686	0.035208	-0.050154	0.037147	0.005217	-0.030142
	0.005839	-0.018141	-0.013635	-0.013839	0.038141	-0.063742
	-0.004138	-0.072990	0.053880	0.043511	-0.016756	-0.040804
	0.037323					
x162	0.015324	-0.013614	0.007837	-0.027949	0.021202	-0.030474
	-0.026934	0.009682	0.035466	0.016000	-0.013472	0.022145
	0.016978	0.038425	0.003151	0.001349	-0.003029	0.001430
	-0.089905	0.017209	0.047338	0.008098	0.000081	-0.009882
	0.000937	-0.050892	-0.015037	0.065686	0.051969	-0.022539
	0.002883					
y162	0.036420	-0.000784	-0.004999	0.000047	-0.028578	0.046550
	0.026905	-0.014982	0.020368	-0.025811	-0.010543	-0.025974
	0.026214	0.002219	0.001069	-0.069716	0.014151	-0.000074
	0.059173	0.056294	0.002758	-0.004747	-0.014910	0.043376
	-0.006020	0.032255	0.007837	0.028447	-0.053509	0.020710
	-0.118318					
z162	-0.013196	0.057922	0.038078	-0.005899	-0.053217	-0.006402
	0.008635	-0.055824	-0.011243	0.036564	0.005036	-0.060484
	0.023424	0.029913	-0.052427	0.047233	0.005342	-0.026794
	0.014822	-0.028030	-0.002498	0.001754	0.031401	-0.044876
	-0.004893	-0.086128	0.046662	0.040164	-0.025375	-0.014020
	0.031410					

x163	0.014483	-0.015433	0.004779	-0.043581	0.018894	-0.026603
	-0.025579	0.021720	0.023627	0.021251	-0.032042	0.011066
	0.025544	0.039000	0.006451	0.003752	0.000135	0.006878
	-0.092380	0.001255	0.063790	0.006797	0.003587	-0.008943
	0.008715	-0.048912	-0.005737	0.054705	0.046670	-0.012776
	0.011598					
y163	0.030311	0.001485	0.001393	0.003028	-0.035910	0.035728
	0.028791	-0.022527	0.003848	-0.021583	-0.010881	-0.031590
	0.017438	0.009103	-0.021257	-0.071449	0.004832	-0.002477
	0.066078	0.045513	-0.004270	-0.003605	-0.014272	0.031425
	-0.014644	0.016854	0.007306	0.020020	-0.063129	0.014920
	-0.105547					
z163	-0.007357	0.053426	0.030279	0.015064	-0.039873	-0.000613
	0.011983	-0.041052	-0.013951	0.033056	0.005333	-0.051864
	0.020075	0.020163	-0.056864	0.054760	0.002295	-0.026990
	0.015227	-0.028493	0.003788	0.021049	0.032945	-0.024555
	-0.014435	-0.096928	0.026913	0.035677	-0.026362	0.004734
	0.052768					
x164	0.012476	-0.018566	0.004716	-0.048618	0.006998	-0.029753
	-0.030264	0.030186	0.017731	0.012285	-0.031209	-0.000110
	0.029563	0.041784	-0.002763	0.007726	0.004660	0.018281
	-0.085422	0.008998	0.071744	0.014622	0.018307	-0.002722
	-0.012681	-0.043707	-0.005505	0.000542	0.053030	-0.003318
	0.033495					
y164	0.023290	0.001708	0.006876	-0.002095	-0.039516	0.033087
	0.034373	-0.024835	-0.010522	-0.001832	-0.022705	-0.031294
	0.009764	0.015918	-0.047245	-0.074466	-0.004104	-0.003563
	0.062609	0.023077	0.005478	0.000248	-0.024999	0.019157
	0.011088	-0.007418	0.013765	0.034554	-0.082781	0.026253
	-0.109363					
z164	-0.000197	0.045478	0.023946	0.037629	-0.024293	0.009866
	0.014710	-0.016367	-0.007390	0.030309	0.005126	-0.031348
	0.022880	0.006664	-0.063837	0.055629	0.003671	-0.020936
	0.009635	-0.018387	0.016798	0.054672	0.038823	0.012441
	-0.019764	-0.098814	0.006622	0.027707	-0.028524	0.040171
	0.070595					
x165	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					

y165	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					
z165	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x166	0.060579	0.009167	0.036617	0.039836	-0.012609	-0.032999
	-0.022339	0.014210	-0.021705	0.052824	-0.049249	-0.026108
	0.016412	-0.038868	0.016000	0.000641	0.001151	-0.072200
	0.042489	-0.075528	-0.024875	0.029894	0.045021	-0.027362
	0.047623	0.081062	0.003168	-0.015241	0.068320	-0.011226
	-0.013634					
y166	-0.004727	-0.027620	0.020626	0.019897	-0.035373	0.045417
	-0.016133	0.033369	-0.029569	-0.065694	0.001302	-0.015645
	0.019509	0.026022	-0.014665	0.000140	-0.019061	0.055202
	0.016594	0.005656	-0.001894	-0.072894	-0.059288	-0.046993
	0.090319	-0.019619	0.029949	-0.006863	0.061311	0.073888
	-0.026654					
z166	0.005688	0.007902	0.005774	-0.004356	-0.048198	0.013796
	-0.046240	-0.034068	0.021896	0.027143	-0.024396	0.031342
	0.029518	-0.001853	0.001453	0.017526	0.024356	0.029044
	0.003269	0.032050	0.045134	-0.009986	-0.018684	0.001931
	-0.016110	0.003549	-0.034558	-0.061375	0.000509	0.049964
	0.021724					
x167	0.063615	0.006543	0.039382	0.040776	-0.016168	-0.033423
	-0.013177	0.017600	-0.013013	0.030348	-0.037432	-0.011379
	0.013729	-0.039687	0.017972	0.009090	0.003321	-0.061482
	0.047552	-0.061542	-0.020129	0.027026	0.050642	-0.039590
	0.045499	0.060392	-0.012549	-0.011004	0.093668	-0.019044
	0.000166					
y167	-0.010925	-0.030649	0.019470	0.013690	-0.034409	0.039510
	-0.017076	0.030348	-0.029584	-0.049360	0.008074	-0.026627
	0.017027	0.023039	-0.007829	-0.002098	-0.028421	0.058821
	0.015360	0.019826	-0.011824	-0.050868	-0.042487	-0.034829
	0.056803	-0.025156	0.020348	-0.004797	0.048495	0.055630
	-0.040008					

z167	0.003666	0.011190	0.011875	0.001865	-0.042778	0.025749
	-0.046063	-0.032026	0.013804	0.031048	-0.019894	0.022643
	0.022900	-0.006704	-0.004688	0.000505	0.024118	0.008931
	-0.001404	0.026012	0.031337	0.022926	-0.027081	0.011217
	-0.004422	0.005971	-0.032707	-0.019539	0.002463	0.033393
	0.027846					
x168	0.063381	0.002596	0.040348	0.042963	-0.022039	-0.031140
	-0.009739	0.016064	-0.009505	0.019315	-0.034455	0.002275
	0.011805	-0.039166	0.019991	-0.001780	-0.010555	-0.051472
	0.046756	-0.043540	-0.014334	0.025792	0.058087	-0.025339
	0.038465	0.043228	-0.018151	-0.017792	0.089112	-0.024229
	0.023340					
y168	-0.016034	-0.033219	0.019217	0.010929	-0.032294	0.031619
	-0.016194	0.028680	-0.030478	-0.034316	0.014445	-0.039461
	0.021135	0.018599	0.001231	0.001726	-0.031769	0.067559
	0.007594	0.023065	-0.022468	-0.036988	-0.027990	-0.013269
	0.038544	-0.024986	0.002228	0.011721	0.032488	0.042364
	-0.060063					
z168	0.002386	0.014157	0.017591	0.005983	-0.038543	0.034214
	-0.041315	-0.026699	0.011922	0.027542	-0.010961	0.017996
	0.017195	-0.011538	-0.009932	-0.004938	0.032236	-0.005824
	-0.000585	0.019796	0.020389	0.042608	-0.029041	0.003244
	-0.000139	0.011832	-0.029925	0.010726	0.016106	0.010769
	0.031155					
x169	0.062242	-0.001322	0.039901	0.040861	-0.028168	-0.030124
	-0.003677	0.012161	-0.005610	0.008079	-0.031409	0.009264
	0.018978	-0.049108	0.021214	-0.013040	-0.017741	-0.037008
	0.044914	-0.037095	0.004488	0.017945	0.051447	-0.000039
	0.046727	0.004692	-0.028634	-0.025174	0.075350	-0.020390
	0.026629					
y169	-0.020555	-0.034386	0.019151	0.007968	-0.028029	0.024795
	-0.015066	0.027446	-0.033806	-0.021486	0.022500	-0.050850
	0.022784	0.017159	0.006026	0.005214	-0.030413	0.071259
	0.001430	0.025363	-0.034658	-0.021771	-0.010660	-0.001939
	0.018999	-0.016080	-0.008106	0.028386	0.029284	0.029974
	-0.075798					
z169	0.001173	0.016308	0.022327	0.011484	-0.033846	0.040295
	-0.037253	-0.021151	0.009116	0.025042	-0.001917	0.014643
	0.011714	-0.010294	-0.013914	-0.007615	0.035345	-0.019282
	-0.001359	0.013962	0.009967	0.055571	-0.027118	-0.003500
	0.002161	0.018781	-0.028323	0.033748	0.028451	-0.014327
	0.036663					

x170	0.058039	-0.004145	0.037971	0.041478	-0.033164	-0.031102
	0.001014	0.011044	-0.007843	-0.001182	-0.025495	0.006820
	0.018844	-0.058048	0.024881	-0.019772	-0.020836	-0.020955
	0.033793	-0.033678	0.006183	0.011346	0.041334	0.007603
	0.043521	-0.014150	-0.027696	-0.007961	0.076582	-0.017837
	0.030983					
y170	-0.021950	-0.036458	0.020218	0.002335	-0.021501	0.021756
	-0.014672	0.025703	-0.033484	-0.009293	0.026208	-0.052793
	0.023329	0.019133	0.007159	0.006243	-0.030868	0.066476
	0.000795	0.026251	-0.033499	-0.006193	0.007014	0.015321
	0.004733	-0.006960	-0.016076	0.031897	0.020343	0.025532
	-0.084426					
z170	0.000893	0.016624	0.025082	0.014855	-0.029282	0.048170
	-0.035536	-0.013851	0.013737	0.028108	0.001624	0.013095
	0.009489	-0.008154	-0.015053	-0.011333	0.036714	-0.031127
	-0.006581	0.007551	0.011610	0.066732	-0.024066	0.004542
	0.012129	0.027062	-0.026363	0.046933	0.032971	-0.021100
	0.031965					
x171	0.054448	-0.007281	0.035136	0.037856	-0.035231	-0.026333
	0.003300	0.010142	-0.008956	-0.003548	-0.021116	0.006104
	0.013617	-0.058548	0.028626	-0.027534	-0.016953	-0.011282
	0.029318	-0.030454	0.002515	0.008893	0.042263	0.002327
	0.035243	-0.022163	-0.028885	0.015814	0.076993	-0.009674
	0.008001					
y171	-0.022810	-0.037973	0.022442	-0.003320	-0.014636	0.015963
	-0.011764	0.020608	-0.034662	-0.006129	0.029164	-0.050022
	0.026489	0.015790	0.003956	0.007191	-0.034808	0.060440
	0.002543	0.025615	-0.024405	-0.002012	0.014527	0.035866
	-0.007233	-0.008072	-0.021863	0.022254	0.011432	0.013722
	-0.066816					
z171	-0.000816	0.017739	0.025500	0.018310	-0.025734	0.051431
	-0.033266	-0.007944	0.017718	0.028555	0.006271	0.009265
	0.009584	-0.007895	-0.014615	-0.012782	0.036361	-0.038531
	-0.012936	0.002512	0.011023	0.065749	-0.023917	0.007960
	0.016845	0.031070	-0.024371	0.053527	0.035799	-0.032950
	0.029719					
x172	0.050478	-0.015366	0.032126	0.031592	-0.039514	-0.021736
	0.006091	0.006629	-0.009228	-0.007282	-0.014992	0.010431
	0.013051	-0.055991	0.031317	-0.034878	-0.018482	0.002531
	0.035992	-0.029719	0.003575	-0.000355	0.036917	-0.004980
	0.023714	-0.029876	-0.024549	0.028308	0.079840	-0.011974
	0.009272					

y172	-0.022733	-0.035676	0.024420	-0.009241	-0.004760	0.012375
	-0.010087	0.016746	-0.037927	-0.002219	0.030002	-0.048699
	0.025392	0.012068	-0.003290	0.007817	-0.032873	0.045751
	-0.003704	0.024057	-0.015048	0.001932	0.025521	0.047708
	-0.019762	-0.001115	-0.020698	0.014067	0.002627	0.008574
	-0.060747					
z172	-0.002264	0.017498	0.024592	0.020457	-0.023206	0.054430
	-0.030674	-0.003156	0.023111	0.029845	0.011397	0.007450
	0.011769	-0.006980	-0.010689	-0.012685	0.032803	-0.042309
	-0.014211	-0.000229	0.010821	0.057291	-0.022576	0.013522
	0.022241	0.033257	-0.023995	0.049838	0.041756	-0.037896
	0.030941					
x173	0.046384	-0.021879	0.029072	0.024658	-0.042263	-0.016681
	0.005697	0.002514	-0.009049	-0.008219	-0.012048	0.013844
	0.012179	-0.059650	0.025896	-0.043544	-0.021727	0.013058
	0.032762	-0.024653	0.009337	-0.007524	0.035627	-0.004832
	0.008026	-0.021394	-0.022336	0.018317	0.071121	-0.007073
	0.019262					
y173	-0.022110	-0.033261	0.026248	-0.016265	0.004204	0.009151
	-0.005806	0.012649	-0.041578	-0.003465	0.032287	-0.044266
	0.022318	0.014137	-0.007092	0.007571	-0.024274	0.026908
	-0.001476	0.009493	-0.009110	0.001095	0.032888	0.049383
	-0.032182	0.002444	-0.018613	0.024618	0.007364	0.010945
	-0.060420					
z173	-0.003270	0.017654	0.021423	0.024000	-0.020746	0.052835
	-0.029076	0.000817	0.032406	0.031645	0.018473	0.007065
	0.015991	-0.005085	-0.006349	-0.011010	0.028808	-0.041582
	-0.017263	-0.008955	0.013789	0.040641	-0.019697	0.017699
	0.025136	0.032934	-0.031361	0.044315	0.043051	-0.044145
	0.033979					
x174	0.040575	-0.029483	0.025585	0.014180	-0.044299	-0.011122
	0.006200	-0.000603	-0.010968	-0.010836	-0.008086	0.017446
	0.006044	-0.062742	0.023711	-0.051007	-0.018787	0.010806
	0.032741	-0.025055	0.004387	-0.018771	0.039759	-0.005540
	-0.006017	-0.020831	-0.019034	0.015662	0.056875	0.005600
	0.016336					
y174	-0.020275	-0.030117	0.029114	-0.023104	0.015115	0.008253
	-0.002358	0.007977	-0.044954	-0.004974	0.030527	-0.040528
	0.020535	0.016159	-0.015601	0.006330	-0.015312	0.011637
	-0.001253	-0.000064	0.008890	-0.002517	0.034440	0.049524
	-0.046577	0.012097	-0.002149	0.028705	0.014312	0.007234
	-0.054461					

z174	-0.004600	0.017120	0.017163	0.025958	-0.018804	0.049810
	-0.027990	0.004430	0.045617	0.033672	0.022767	0.006816
	0.021881	-0.003504	0.000194	-0.008572	0.023518	-0.037258
	-0.020118	-0.014900	0.022115	0.014231	-0.019529	0.023717
	0.026638	0.029472	-0.034862	0.029907	0.040203	-0.049139
	0.031148					
x175	0.034242	-0.037056	0.022316	0.000273	-0.046498	-0.006101
	0.008930	-0.000087	-0.016144	-0.017483	-0.008068	0.016646
	-0.006530	-0.059368	0.026052	-0.058330	-0.012903	-0.002962
	0.034724	-0.033711	0.009549	-0.031753	0.043799	-0.018721
	-0.023706	-0.026909	-0.001664	0.016758	0.051214	0.010619
	-0.000913					
y175	-0.017305	-0.026982	0.028704	-0.028069	0.028878	0.011412
	0.000381	-0.004209	-0.047690	-0.000180	0.035956	-0.031785
	0.021760	0.010610	-0.033843	0.005164	-0.009227	0.009606
	0.001767	-0.006918	0.019809	-0.007251	0.034097	0.052254
	-0.051981	0.035316	0.006097	0.032008	0.007510	0.010271
	-0.015655					
z175	-0.006908	0.016049	0.012647	0.026956	-0.018888	0.043641
	-0.027388	0.010637	0.061397	0.032189	0.021790	0.006046
	0.028905	0.001999	0.014212	-0.006008	0.019593	-0.035226
	-0.023498	-0.019466	0.033944	-0.021538	-0.020996	0.031647
	0.022752	0.016644	-0.036521	0.005063	0.040854	-0.052896
	0.007762					
x176	0.030902	-0.045063	0.019154	-0.004945	-0.042699	-0.005713
	0.001943	-0.004764	-0.012169	-0.019681	-0.004661	0.020427
	-0.011266	-0.051022	0.018373	-0.057775	-0.000034	-0.012701
	0.037987	-0.032766	0.012165	-0.042569	0.042335	-0.034346
	-0.032131	-0.021591	-0.023094	0.021542	0.045991	0.018082
	-0.011812					
y176	-0.015995	-0.024367	0.026396	-0.021942	0.036171	0.002711
	-0.004588	-0.017700	-0.050112	-0.005453	0.038631	-0.022172
	0.029650	0.006654	-0.041035	0.006582	0.007163	0.002609
	0.006618	0.007990	0.013524	-0.006473	0.032482	0.034070
	-0.041210	0.029459	-0.018243	0.026634	0.014683	0.005758
	-0.016357					
z176	-0.009598	0.014071	0.016209	0.023137	-0.016866	0.045239
	-0.023116	0.015983	0.059970	0.030262	0.016999	0.006722
	0.019221	0.007288	0.020627	-0.007641	0.021269	-0.031765
	-0.019849	-0.036859	0.036259	-0.036783	-0.018305	0.032999
	0.024940	0.010728	-0.025728	0.005064	0.028014	-0.041963
	0.001464					

x177	0.027363	-0.052044	0.016241	-0.008892	-0.040228	-0.006456
	-0.005440	-0.010726	-0.007037	-0.025045	0.001309	0.027607
	-0.012293	-0.044411	0.010855	-0.058411	0.009544	-0.019962
	0.033311	-0.021281	0.011133	-0.042182	0.042814	-0.045595
	-0.043976	-0.014504	-0.043196	0.017084	0.044810	0.020697
	-0.016360					
y177	-0.014353	-0.021354	0.025264	-0.016333	0.044076	-0.004546
	-0.006769	-0.028984	-0.052862	-0.008618	0.039608	-0.018388
	0.036812	0.003726	-0.046509	0.006770	0.026405	-0.003851
	0.018009	0.015056	0.011663	-0.011163	0.030800	0.021365
	-0.033109	0.025113	-0.030874	0.022197	0.018040	0.000418
	-0.013110					
z177	-0.012103	0.011215	0.019773	0.020178	-0.015645	0.045191
	-0.019253	0.019056	0.057994	0.027897	0.012244	0.006549
	0.010846	0.011356	0.026010	-0.008385	0.020596	-0.026749
	-0.014451	-0.051068	0.036483	-0.047475	-0.015575	0.032946
	0.025841	0.006864	-0.015594	0.002727	0.017608	-0.030648
	-0.007412					
x178	0.022978	-0.057666	0.012454	-0.011794	-0.037815	-0.009931
	-0.011072	-0.021994	-0.005549	-0.034534	0.009964	0.032706
	-0.010075	-0.040014	0.004873	-0.058855	0.021768	-0.027409
	0.030173	-0.003860	0.005427	-0.043126	0.041401	-0.061665
	-0.060697	-0.013147	-0.056832	0.005123	0.050173	0.012841
	-0.013653					
y178	-0.011265	-0.016950	0.025254	-0.011448	0.053025	-0.009583
	-0.006414	-0.032663	-0.054996	-0.008112	0.038409	-0.016223
	0.039982	0.002690	-0.053055	0.007723	0.038542	-0.010030
	0.026334	0.011871	0.012749	-0.011224	0.029298	0.019755
	-0.023034	0.023560	-0.041011	0.025821	0.012798	0.001104
	-0.009988					
z178	-0.014423	0.007956	0.022763	0.017846	-0.014502	0.043204
	-0.014804	0.020559	0.053374	0.025262	0.007961	0.006502
	0.003847	0.015619	0.030792	-0.008509	0.018829	-0.023454
	-0.006430	-0.063209	0.033083	-0.057092	-0.012957	0.029372
	0.025085	0.003192	-0.008632	0.000824	0.013173	-0.020568
	-0.013299					
x179	0.018527	-0.061280	0.007939	-0.015027	-0.033725	-0.013788
	-0.013649	-0.033702	-0.008263	-0.046212	0.021477	0.035004
	-0.006259	-0.033720	-0.000916	-0.059848	0.034564	-0.037773
	0.029206	0.011956	-0.003468	-0.042594	0.042410	-0.076926
	-0.074729	-0.015338	-0.070380	-0.008484	0.055474	0.003930
	-0.001601					

y179	-0.007457	-0.012143	0.025988	-0.005865	0.060567	-0.013798
	-0.006237	-0.034969	-0.053097	-0.005555	0.032383	-0.015022
	0.038944	-0.003554	-0.057878	0.010083	0.044587	-0.011697
	0.029835	0.007477	0.017256	-0.008170	0.018853	0.021099
	-0.019763	0.021204	-0.037361	0.033740	0.002215	0.000968
	-0.017893					
z179	-0.016937	0.004420	0.025280	0.016039	-0.013303	0.040958
	-0.011022	0.020278	0.048898	0.021432	0.005100	0.005005
	-0.001211	0.020350	0.035427	-0.008989	0.016141	-0.019653
	0.002162	-0.069956	0.028902	-0.070034	-0.012573	0.027297
	0.020995	0.000751	-0.007287	-0.002212	0.011553	-0.013517
	-0.011564					
x180	0.016098	-0.065294	0.003868	-0.020880	-0.029418	-0.011318
	-0.016342	-0.041384	-0.002123	-0.049276	0.025223	0.038593
	-0.005837	-0.034244	-0.002749	-0.061509	0.048187	-0.045755
	0.022104	0.022456	0.003133	-0.033529	0.037331	-0.077979
	-0.082645	-0.008612	-0.067680	-0.015810	0.047282	0.011881
	0.006780					
y180	-0.005081	-0.006898	0.026272	-0.000016	0.066792	-0.021008
	-0.003068	-0.040592	-0.058638	-0.009375	0.033403	-0.015493
	0.042247	-0.004948	-0.063387	0.013960	0.042953	-0.016522
	0.039724	0.009054	0.005079	-0.006073	0.011722	0.013235
	-0.018580	0.007975	-0.034665	0.036225	0.003640	-0.015006
	-0.024880					
z180	-0.019113	-0.000765	0.027258	0.014305	-0.012214	0.040028
	-0.008490	0.019543	0.047137	0.018830	0.001842	0.005338
	-0.005112	0.024798	0.039051	-0.009690	0.013615	-0.016974
	0.009415	-0.072712	0.026659	-0.082724	-0.012399	0.028759
	0.018210	0.002395	-0.005730	-0.004737	0.012255	-0.003945
	-0.006725					
x181	0.013370	-0.066833	-0.001295	-0.024043	-0.022247	-0.012254
	-0.015562	-0.053816	-0.005359	-0.058804	0.033543	0.037598
	-0.001530	-0.033528	-0.008708	-0.060653	0.057473	-0.056836
	0.019589	0.035093	-0.007522	-0.025603	0.034666	-0.086905
	-0.096827	-0.013525	-0.062585	-0.031276	0.039976	-0.002931
	0.015852					
y181	-0.002861	-0.002384	0.028144	0.003412	0.070656	-0.026046
	0.000654	-0.040163	-0.055846	-0.010640	0.029646	-0.015271
	0.038732	-0.009470	-0.059269	0.011531	0.045910	-0.014635
	0.041562	0.003415	0.014994	0.004077	-0.000949	0.017807
	-0.017892	0.003402	-0.026462	0.050874	0.001319	-0.008247
	-0.018039					

z181	-0.021180	-0.006826	0.029435	0.013930	-0.010494	0.037150
	-0.006525	0.016625	0.042743	0.013307	-0.001399	0.004381
	-0.006608	0.027998	0.041448	-0.009638	0.009774	-0.012270
	0.017801	-0.069278	0.018533	-0.090491	-0.009483	0.027219
	0.010914	0.005140	-0.010114	-0.014338	0.012360	-0.002828
	0.000165					
x182	0.009926	-0.066834	-0.007569	-0.026742	-0.013579	-0.016763
	-0.012653	-0.068071	-0.011276	-0.070969	0.044234	0.033511
	0.000758	-0.035183	-0.010993	-0.060135	0.066947	-0.066301
	0.018353	0.047571	-0.014292	-0.007113	0.024340	-0.094166
	-0.113611	-0.025876	-0.045582	-0.037624	0.045040	-0.024320
	0.038059					
y182	0.000816	0.001263	0.032194	0.004762	0.073945	-0.023427
	0.004316	-0.036711	-0.048264	-0.007860	0.021430	-0.013704
	0.039053	-0.011962	-0.062657	0.010148	0.042402	-0.014903
	0.036939	-0.001704	0.013990	-0.001889	-0.001656	0.029549
	-0.013274	0.008985	-0.020775	0.046529	-0.023057	0.006755
	-0.018566					
z182	-0.023357	-0.014478	0.031351	0.014139	-0.010003	0.031564
	-0.005677	0.011805	0.038646	0.006121	-0.004651	0.005346
	-0.008481	0.028844	0.042803	-0.008893	0.003257	-0.005741
	0.024544	-0.062019	0.007555	-0.091792	-0.005315	0.023115
	0.002942	0.008619	-0.010077	-0.021116	0.021390	-0.000194
	0.009267					
x183	0.007543	-0.066566	-0.013746	-0.030828	-0.004293	-0.017427
	-0.008664	-0.082004	-0.013819	-0.080009	0.051809	0.029670
	0.004389	-0.038905	-0.012781	-0.060815	0.074515	-0.077711
	0.013391	0.058428	-0.022177	0.011608	0.015506	-0.094343
	-0.126448	-0.037186	-0.016240	-0.043767	0.037010	-0.042020
	0.057682					
y183	0.004166	0.008192	0.036633	0.009093	0.074499	-0.025714
	0.010518	-0.029105	-0.045185	-0.006256	0.018558	-0.016687
	0.035507	-0.017816	-0.062479	0.010611	0.039005	-0.009574
	0.037336	-0.004313	0.024904	0.008184	-0.011179	0.035213
	-0.015864	0.009016	-0.024557	0.040154	-0.035617	0.015410
	-0.019069					
z183	-0.025367	-0.023257	0.032666	0.015921	-0.008810	0.027216
	-0.004103	0.006953	0.035860	0.000336	-0.006375	0.006542
	-0.010111	0.030783	0.042836	-0.008728	-0.000064	-0.001260
	0.033792	-0.049694	-0.003129	-0.098322	-0.003206	0.025170
	-0.006535	0.013395	-0.012909	-0.029021	0.029405	-0.000701
	0.024077					

x184	-0.000777	-0.066440	-0.029419	-0.011483	0.022043	-0.016272
	0.006398	-0.087048	-0.026171	-0.094089	0.061172	-0.000854
	0.029093	-0.041009	-0.020558	-0.065717	0.046377	-0.053340
	-0.089835	0.031137	-0.033211	0.070314	-0.006837	0.055216
	-0.060513	-0.006127	0.049325	0.045961	0.004963	0.040898
	0.000226					
y184	0.008246	0.013429	0.040581	0.016130	0.074442	-0.029066
	0.017131	-0.024411	-0.044844	-0.007824	0.018274	-0.019934
	0.035053	-0.019024	-0.060343	0.018882	0.029538	-0.001475
	0.030649	-0.015264	0.014364	0.006389	-0.013767	0.051839
	-0.000953	0.014013	-0.025354	0.035701	-0.036403	0.010894
	-0.019234					
z184	-0.029252	-0.033386	0.031540	0.022878	-0.004196	0.022362
	-0.000181	0.001414	0.030875	-0.008897	-0.006079	0.002380
	-0.004657	0.033055	0.040946	-0.009406	-0.011643	0.007875
	0.021834	-0.039483	-0.016685	-0.096110	-0.000129	0.054627
	-0.007137	0.025467	-0.012645	-0.017256	0.036536	0.012370
	0.026543					
x185	-0.003274	-0.061735	-0.038799	-0.009414	0.029833	-0.032953
	0.005411	-0.094005	-0.020630	-0.097250	0.065097	-0.005993
	0.037819	-0.022797	-0.009980	-0.042021	0.046201	-0.038627
	-0.090229	0.017280	-0.048525	0.084293	-0.011069	0.049969
	-0.053270	-0.024274	0.026839	0.038179	-0.008121	0.012615
	-0.015115					
y185	0.012479	0.016628	0.046393	0.011674	0.073192	-0.029039
	0.016399	-0.024092	-0.036064	-0.004943	0.012787	-0.012627
	0.024358	-0.014010	-0.059498	0.022635	0.023643	0.015222
	0.034567	-0.032919	0.032904	0.011268	-0.006022	0.033729
	0.015383	0.020530	-0.016929	0.033832	-0.044867	-0.003577
	-0.028437					
z185	-0.028562	-0.039902	0.026227	0.024482	0.008128	0.020639
	-0.002218	-0.009374	0.028134	-0.023579	-0.014661	0.007790
	-0.005601	0.034964	0.036857	-0.007935	-0.001190	0.007074
	0.004378	-0.036107	0.003020	-0.079747	0.004342	0.062142
	-0.012092	0.012306	0.008360	-0.016208	0.029804	0.006584
	0.028062					
x186	-0.005826	-0.056363	-0.047013	-0.008467	0.034876	-0.046535
	0.005153	-0.099899	-0.014855	-0.098408	0.069084	-0.010342
	0.044341	-0.006169	-0.002263	-0.021541	0.042702	-0.026272
	-0.089367	0.003594	-0.061313	0.092269	-0.011796	0.044304
	-0.045372	-0.037575	0.011256	0.030793	-0.017173	-0.014268
	-0.027218					

y186	0.017306	0.019308	0.052612	0.010586	0.072229	-0.028970
	0.016464	-0.021307	-0.032018	-0.008067	0.011478	-0.008304
	0.013422	-0.008699	-0.054587	0.026680	0.025508	0.026796
	0.044089	-0.040029	0.048733	0.011921	0.002922	0.012378
	0.018418	0.020050	-0.048640	0.015332	-0.048145	-0.010868
	-0.007544					
z186	-0.029017	-0.045649	0.020704	0.025742	0.018590	0.015285
	-0.001614	-0.019358	0.023484	-0.040842	-0.022627	0.010455
	-0.005486	0.035561	0.030962	-0.004817	0.006587	0.009763
	-0.011475	-0.032356	0.014711	-0.056502	0.011999	0.059741
	-0.011932	0.001367	0.028017	-0.018767	0.025968	0.001896
	0.025408					
x187	-0.009034	-0.050178	-0.054419	-0.006120	0.038127	-0.057794
	0.006893	-0.104844	-0.013040	-0.098595	0.072631	-0.016698
	0.046948	0.008587	0.000142	-0.007132	0.033349	-0.015567
	-0.089078	-0.010256	-0.072074	0.095833	-0.010463	0.040652
	-0.040600	-0.046921	-0.002614	0.021281	-0.021962	-0.031993
	-0.031990					
y187	0.020522	0.023847	0.059650	0.010071	0.071631	-0.032520
	0.020359	-0.021194	-0.035359	-0.019107	0.013306	-0.003834
	0.003327	-0.000577	-0.062441	0.026674	0.024774	0.036755
	0.048014	-0.046939	0.050196	-0.001813	0.005482	-0.000062
	0.023123	0.012838	-0.064818	0.000007	-0.049508	-0.018533
	0.011877					
z187	-0.030783	-0.050960	0.015355	0.028266	0.027726	0.006785
	-0.000035	-0.028903	0.014363	-0.058802	-0.028381	0.008227
	-0.005600	0.038216	0.020598	0.000937	0.007778	0.013181
	-0.018862	-0.028493	0.016898	-0.045237	0.019863	0.051189
	-0.018860	-0.008934	0.035746	-0.017778	0.027064	-0.007634
	0.028406					
x188	-0.011894	-0.043720	-0.060740	-0.006276	0.037801	-0.062891
	0.008422	-0.106956	-0.008479	-0.093712	0.073718	-0.021555
	0.046383	0.018686	0.000353	0.001271	0.021406	-0.009864
	-0.088686	-0.022613	-0.075624	0.096544	-0.008264	0.038289
	-0.032294	-0.045853	-0.010686	0.011120	-0.025193	-0.039284
	-0.035206					
y188	0.025412	0.026181	0.065041	0.002888	0.065448	-0.024097
	0.018630	-0.013139	-0.024879	-0.014071	0.011054	0.007839
	-0.000423	-0.003939	-0.062836	0.024439	0.031005	0.033522
	0.053809	-0.046000	0.062105	-0.002382	0.001131	-0.003109
	0.036291	0.022215	-0.060044	-0.005793	-0.051702	-0.012073
	-0.006961					

z188	-0.030789	-0.057405	0.009135	0.028017	0.031806	0.004026
	0.000295	-0.031723	0.016442	-0.061586	-0.039266	0.008051
	-0.004467	0.038316	0.012814	0.007576	0.005210	0.012550
	-0.025303	-0.022282	0.024938	-0.035504	0.020400	0.054351
	-0.020026	-0.004849	0.049298	-0.008362	0.024894	0.001460
	0.017611					
x189	-0.014146	-0.036360	-0.065678	-0.006712	0.034038	-0.064255
	0.011141	-0.106341	-0.004846	-0.085692	0.074776	-0.026291
	0.043796	0.027338	-0.002921	0.007002	0.006660	-0.006674
	-0.087273	-0.034850	-0.075900	0.091212	-0.005729	0.037917
	-0.023246	-0.037730	-0.015763	0.003195	-0.023353	-0.038982
	-0.035438					
y189	0.030393	0.029476	0.072416	0.000357	0.057607	-0.018639
	0.019262	-0.006301	-0.019732	-0.012392	0.008970	0.016763
	-0.005457	0.000797	-0.059069	0.031406	0.039041	0.029985
	0.061455	-0.042324	0.075568	-0.006144	-0.007615	-0.009631
	0.043664	0.028522	-0.065800	-0.007355	-0.043853	-0.021042
	-0.012189					
z189	-0.032033	-0.063122	0.002327	0.027906	0.034579	-0.000950
	0.004498	-0.032732	0.017129	-0.064099	-0.047372	0.003501
	-0.002584	0.038101	0.003864	0.016526	0.002328	0.010954
	-0.025403	-0.013390	0.025590	-0.029761	0.021320	0.053522
	-0.017766	-0.001454	0.052293	0.006822	0.024898	0.006993
	0.003751					
x190	-0.017673	-0.027187	-0.071522	-0.004039	0.028146	-0.066403
	0.016670	-0.104564	-0.007418	-0.081939	0.080758	-0.033099
	0.039319	0.034049	-0.009869	0.010880	-0.013802	-0.007956
	-0.084140	-0.046120	-0.080498	0.076136	0.000039	0.037199
	-0.016622	-0.022973	-0.018732	-0.008015	-0.010246	-0.044229
	-0.028441					
y190	0.032504	0.032794	0.076902	0.003153	0.053961	-0.022017
	0.021591	0.002248	-0.020016	-0.026123	0.021615	0.025779
	-0.005649	-0.000286	-0.045385	0.052549	0.041523	0.027550
	0.067613	-0.039738	0.065452	-0.012188	-0.000461	-0.034820
	0.031246	0.028763	-0.071278	-0.014192	-0.028988	-0.034924
	-0.010232					
z190	-0.034889	-0.066322	-0.005215	0.029892	0.037778	-0.012257
	0.011589	-0.034203	0.014067	-0.073058	-0.048158	-0.006506
	0.002605	0.044355	-0.006124	0.030987	-0.000969	0.012091
	-0.021469	-0.003633	0.006873	-0.033149	0.023780	0.039918
	-0.019506	-0.001654	0.042118	0.010907	0.035548	0.006305
	0.005862					

x191	-0.019355	-0.020870	-0.074457	-0.009251	0.018442	-0.055433
	0.018615	-0.099296	0.001445	-0.062503	0.073900	-0.033256
	0.028925	0.033669	-0.020213	0.001464	-0.037375	-0.012846
	-0.089537	-0.059008	-0.061564	0.067615	0.002626	0.048768
	-0.001487	0.003531	-0.004392	-0.015635	-0.012174	-0.014468
	-0.021741					
y191	0.036779	0.030131	0.084600	-0.005596	0.049631	-0.011194
	0.016079	0.009295	-0.007131	-0.024830	0.016688	0.042314
	-0.010168	-0.003272	-0.034383	0.053215	0.050032	0.018400
	0.058468	-0.038052	0.082791	-0.008131	-0.005659	-0.042581
	0.031356	0.030072	-0.057892	-0.020907	-0.044569	-0.024577
	-0.003267					
z191	-0.037260	-0.075116	-0.010399	0.023938	0.038224	-0.014738
	0.014054	-0.032398	0.023109	-0.068225	-0.061888	-0.014753
	0.005017	0.042140	-0.014903	0.038003	-0.008535	0.013481
	-0.026210	0.001031	0.007611	-0.029671	0.030526	0.026193
	-0.008132	0.020895	0.032983	0.022678	0.027440	0.035637
	-0.000972					
x192	-0.024102	-0.009589	-0.078324	-0.010305	0.009405	-0.051332
	0.026937	-0.098327	-0.006642	-0.054295	0.078282	-0.042839
	0.017458	0.038183	-0.039884	-0.012505	-0.064559	-0.019869
	-0.089954	-0.066204	-0.062079	0.048267	0.009661	0.047886
	0.003426	0.020716	0.002883	-0.027042	0.006510	-0.006082
	0.000241					
y192	0.034797	0.034019	0.088075	-0.008726	0.049684	-0.011660
	0.016514	0.008105	-0.013694	-0.036631	0.026220	0.042754
	-0.013195	0.000805	-0.029416	0.048581	0.059965	0.010852
	0.060518	-0.020797	0.070508	-0.002518	-0.011813	-0.073485
	0.012661	0.014622	-0.045831	-0.029144	-0.034692	-0.047838
	0.005075					
z192	-0.042691	-0.080078	-0.017801	0.024231	0.037923	-0.025702
	0.020333	-0.033582	0.015974	-0.074011	-0.066470	-0.032754
	0.008656	0.044438	-0.029711	0.048560	-0.022183	0.013013
	-0.019668	0.007606	-0.015125	-0.040809	0.038105	-0.003545
	-0.006922	0.031649	0.010040	0.025084	0.035149	0.041610
	0.009332					
x193	-0.026857	-0.001635	-0.080411	-0.015284	-0.004162	-0.036385
	0.030387	-0.089102	-0.002871	-0.031535	0.071388	-0.044146
	0.001462	0.031964	-0.058356	-0.028035	-0.092172	-0.028677
	-0.091791	-0.074737	-0.043942	0.030616	0.018523	0.061349
	0.022783	0.063435	0.020190	-0.029644	0.015462	0.033387
	0.004309					

y193	0.033352	0.033171	0.091797	-0.014748	0.045448	-0.002760
	0.007664	0.009930	-0.012358	-0.040392	0.021854	0.051782
	-0.018009	-0.012955	-0.023426	0.044702	0.065597	0.002156
	0.057646	0.007999	0.072517	0.006809	-0.028369	-0.085652
	-0.007247	0.016531	-0.019027	-0.028731	-0.036301	-0.052041
	-0.010980					
z193	-0.047289	-0.086221	-0.024617	0.018909	0.034600	-0.032416
	0.027523	-0.030443	0.021561	-0.069307	-0.075417	-0.050067
	0.012228	0.045880	-0.044594	0.053932	-0.037852	0.011516
	-0.018406	0.018966	-0.034605	-0.050566	0.032343	-0.024467
	0.001768	0.060833	-0.011807	0.031256	0.037999	0.063505
	0.016188					
x194	-0.024345	0.021932	-0.073193	-0.005384	-0.008183	-0.020872
	0.027223	-0.070672	-0.017118	-0.025312	0.076788	-0.025614
	-0.005996	0.024758	-0.060384	-0.024529	-0.095762	-0.027354
	-0.060421	-0.040393	-0.024616	0.024773	-0.006745	0.047601
	0.015980	0.059160	0.007005	-0.045667	0.016148	-0.002403
	0.003071					
y194	0.030337	0.037269	0.092600	-0.014315	0.036386	-0.000940
	0.001683	0.003842	-0.019367	-0.050951	0.030173	0.051631
	-0.017873	-0.009704	-0.017072	0.043822	0.056672	0.005146
	0.028819	0.020928	0.042504	-0.015744	-0.048053	-0.083073
	-0.020415	0.014723	0.030518	-0.039975	0.006470	-0.037482
	0.012375					
z194	-0.043267	-0.086020	-0.027219	0.014669	0.037794	-0.045068
	0.032695	-0.037368	0.012701	-0.056128	-0.081156	-0.031215
	-0.009385	0.053568	-0.061380	0.055867	-0.047354	-0.006913
	-0.006302	0.013899	-0.028051	-0.036592	0.032865	-0.069416
	-0.011244	0.061724	-0.013515	0.014397	0.026578	0.022735
	0.031089					
x195	-0.020210	0.039136	-0.065473	-0.000994	-0.012059	-0.006558
	0.023772	-0.054453	-0.020440	-0.013866	0.073003	-0.011632
	-0.016382	0.016420	-0.059250	-0.020627	-0.099239	-0.020679
	-0.047255	-0.021813	-0.002962	0.022295	-0.028364	0.037857
	0.007517	0.051676	0.001168	-0.060857	0.003593	-0.006584
	0.005147					
y195	0.034621	0.034571	0.091441	-0.016893	0.027613	-0.001386
	-0.004978	-0.001942	-0.015527	-0.060333	0.030794	0.050876
	-0.021303	-0.003857	-0.006711	0.047799	0.050957	0.006240
	-0.005226	0.018584	0.019557	-0.035440	-0.070943	-0.062039
	-0.021448	0.014616	0.060004	-0.053096	0.026739	-0.009706
	0.044386					

z195	-0.039812	-0.086250	-0.028012	0.010012	0.039507	-0.053130
	0.037950	-0.040486	0.006939	-0.043395	-0.085901	-0.013246
	-0.026125	0.055165	-0.071781	0.055713	-0.057553	-0.019493
	-0.000669	0.003564	-0.016604	-0.028135	0.029381	-0.099286
	-0.014769	0.063106	-0.020028	0.004440	0.011039	0.000878
	0.039392					
x196	-0.018899	0.051913	-0.058106	0.000169	-0.013917	0.004156
	0.021571	-0.035511	-0.024969	-0.008087	0.071639	-0.002506
	-0.024566	0.007071	-0.052290	-0.007051	-0.089055	-0.011623
	-0.026171	-0.013044	0.015946	0.022613	-0.040300	0.033611
	0.010688	0.060492	-0.015134	-0.055325	-0.007315	-0.016865
	-0.007652					
y196	0.035118	0.031139	0.088496	-0.022831	0.022412	0.001890
	-0.014680	-0.000056	-0.015627	-0.065883	0.030431	0.047566
	-0.019249	0.004501	0.004095	0.051339	0.064195	0.000711
	-0.017352	0.016091	0.009831	-0.042025	-0.077523	-0.030709
	-0.018374	0.029183	0.059538	-0.039786	0.038921	0.001257
	0.048231					
z196	-0.036775	-0.084601	-0.029208	0.005879	0.038308	-0.060479
	0.044239	-0.042115	0.000065	-0.030370	-0.088281	0.003034
	-0.037187	0.053744	-0.080790	0.049632	-0.065432	-0.027185
	-0.003288	-0.007209	-0.006841	-0.015898	0.017564	-0.115747
	-0.010831	0.064095	-0.028074	-0.001480	-0.005630	-0.022134
	0.036763					
x197	-0.017283	0.060525	-0.050665	-0.004059	-0.020347	0.006277
	0.022157	-0.018735	-0.027719	-0.007167	0.072057	0.009217
	-0.027539	-0.000235	-0.045240	0.006502	-0.061400	-0.000404
	-0.002022	0.011123	0.037254	0.030914	-0.036409	0.025573
	0.007506	0.073188	-0.029009	-0.044412	-0.004556	-0.019012
	-0.003534					
y197	0.035335	0.026624	0.085186	-0.029777	0.012920	0.001365
	-0.025064	0.005204	-0.010311	-0.070148	0.029205	0.047752
	-0.010764	0.007298	0.013865	0.042742	0.088615	-0.004567
	-0.023776	0.036365	0.008957	-0.027422	-0.059740	-0.003241
	-0.013852	0.041395	0.065549	-0.029716	0.051384	0.007127
	0.057144					
z197	-0.035085	-0.081193	-0.030940	0.000640	0.033237	-0.065409
	0.048105	-0.041871	-0.006762	-0.019612	-0.087425	0.020552
	-0.040637	0.047144	-0.086172	0.036154	-0.065462	-0.029914
	-0.007405	-0.004195	0.007210	-0.006283	0.007980	-0.117370
	-0.005177	0.066678	-0.038430	-0.000572	-0.018307	-0.043951
	0.030064					

x198	-0.018204	0.065298	-0.043274	-0.002886	-0.032910	0.011353
	0.025366	-0.001020	-0.036766	-0.008606	0.067657	0.011952
	-0.037659	-0.008593	-0.038272	0.016937	-0.038923	-0.002844
	0.021777	0.029813	0.038765	0.028238	-0.038401	0.014250
	0.006727	0.051776	-0.048618	-0.040683	0.009175	-0.008454
	0.009471					
y198	0.034438	0.022132	0.083488	-0.028756	0.002380	0.003159
	-0.036896	0.013494	-0.008819	-0.075069	0.021571	0.036933
	-0.014842	0.015919	0.022474	0.034093	0.099101	-0.018753
	-0.029263	0.039558	-0.009615	-0.021548	-0.058308	0.005703
	-0.005278	0.032543	0.054043	-0.027623	0.062170	0.022657
	0.050677					
z198	-0.034607	-0.074228	-0.032967	-0.001667	0.025840	-0.065532
	0.050790	-0.040124	-0.017274	-0.010560	-0.083932	0.034085
	-0.041500	0.035352	-0.088495	0.024787	-0.069809	-0.028299
	-0.012755	-0.005925	0.008692	-0.005475	-0.004955	-0.115739
	0.000733	0.060313	-0.054424	-0.002243	-0.028075	-0.035421
	0.030349					
x199	-0.023161	0.066352	-0.038820	-0.008460	-0.046108	0.008801
	0.032900	0.022265	-0.045813	-0.009969	0.062398	0.004312
	-0.053015	-0.024816	-0.028173	0.025598	-0.031648	-0.007667
	0.048067	0.035822	0.032091	0.015861	-0.048868	0.000084
	0.005898	0.033551	-0.056923	-0.043732	0.035120	-0.001237
	0.037805					
y199	0.032200	0.018000	0.079415	-0.029730	-0.002660	0.000338
	-0.044332	0.026941	-0.003384	-0.080925	0.008565	0.019335
	-0.026656	0.022935	0.030240	0.021678	0.092749	-0.028791
	-0.029764	0.030568	-0.034927	-0.024262	-0.066590	0.013139
	0.000562	0.029120	0.041203	-0.029370	0.055431	0.034657
	0.051515					
z199	-0.036007	-0.066073	-0.034574	-0.004299	0.016449	-0.063404
	0.053935	-0.033552	-0.029437	-0.002391	-0.079264	0.045878
	-0.042556	0.016484	-0.085305	0.011604	-0.087475	-0.018065
	-0.016023	-0.011936	0.002559	-0.016714	-0.028488	-0.105402
	0.008527	0.040614	-0.065744	-0.006289	-0.033578	-0.005409
	0.036109					
x200	-0.030770	0.065035	-0.031114	-0.008332	-0.055725	0.000131
	0.045073	0.037564	-0.042120	-0.018032	0.066261	-0.007240
	-0.068140	-0.025369	-0.027535	0.037728	-0.011709	-0.000190
	0.059989	0.030181	0.033725	0.024003	-0.064713	-0.020584
	0.010601	0.023723	-0.073525	-0.036817	0.047212	0.011035
	0.011675					

y200	0.026896	0.015771	0.076715	-0.025705	-0.000726	-0.001861
	-0.048781	0.035707	0.011446	-0.091260	0.001836	0.000073
	-0.041615	0.037006	0.025759	0.002393	0.087731	-0.038337
	-0.025423	0.026617	-0.049317	-0.009437	-0.074978	0.020974
	0.006238	0.023457	0.016849	-0.029171	0.032594	0.043032
	0.014767					
z200	-0.042007	-0.056131	-0.033475	-0.006833	0.006765	-0.056446
	0.059307	-0.028920	-0.040730	0.001102	-0.066243	0.058278
	-0.043357	-0.003864	-0.088894	-0.012537	-0.112125	0.000431
	-0.019844	-0.014594	-0.001036	-0.014910	-0.065873	-0.080190
	0.030095	0.008095	-0.072693	-0.009951	-0.032164	0.044737
	0.010351					
x201	-0.033866	0.068976	-0.026392	-0.004197	-0.057317	-0.022545
	0.064690	0.057963	-0.036313	-0.030672	0.068433	-0.024615
	-0.064492	-0.021356	-0.006412	0.064676	0.020922	0.028616
	0.056346	-0.002063	0.014643	0.027280	-0.050459	-0.022905
	-0.005806	0.043383	-0.076331	0.024709	0.025231	0.020251
	-0.018488					
y201	0.024712	0.015107	0.072686	-0.019666	0.009405	-0.011563
	-0.051335	0.050069	0.028857	-0.107660	-0.009346	-0.021925
	-0.046024	0.051217	0.037344	-0.004776	0.091355	-0.039689
	-0.012560	0.011456	-0.073787	-0.003822	-0.057665	0.033459
	0.005756	0.021275	-0.024578	-0.003901	-0.008954	0.024245
	0.001774					
z201	-0.044440	-0.041936	-0.032818	-0.004711	0.002322	-0.058795
	0.073261	-0.015235	-0.046580	-0.007918	-0.047740	0.074125
	-0.019848	-0.018482	-0.063276	-0.012329	-0.123130	0.049510
	-0.029863	-0.035950	-0.021110	-0.023062	-0.083208	-0.027397
	0.056200	-0.021493	-0.098666	0.033430	-0.046930	0.094552
	-0.028192					
x202	-0.037363	0.070920	-0.018526	-0.001040	-0.055646	-0.043323
	0.066542	0.066376	-0.033385	-0.043614	0.068351	-0.043061
	-0.057527	-0.035785	0.010520	0.088750	0.051997	0.038955
	0.055650	-0.008124	0.000904	0.021184	-0.026854	-0.036567
	-0.029989	0.074915	-0.044738	0.062503	0.023890	-0.000487
	-0.021202					
y202	0.020371	0.013324	0.068663	-0.013370	0.020992	-0.018437
	-0.061292	0.062078	0.047812	-0.119281	-0.021792	-0.046600
	-0.056148	0.062186	0.037410	-0.024754	0.081144	-0.053988
	0.001891	0.005625	-0.089042	0.007113	-0.053375	0.054603
	0.005652	0.002753	-0.062598	0.004949	-0.058333	-0.001415
	-0.007649					

z202	-0.047989	-0.021452	-0.032128	-0.004426	0.002629	-0.054263
	0.069249	-0.014522	-0.059757	-0.012650	-0.036726	0.093526
	0.010856	-0.054904	-0.042114	-0.037963	-0.154205	0.075594
	-0.047210	-0.033210	-0.021751	-0.036192	-0.111376	0.042516
	0.073848	-0.064464	-0.080609	0.041872	-0.070319	0.123592
	-0.051827					
x203	-0.028956	0.077142	0.006299	-0.000082	-0.052203	-0.064627
	0.052864	0.072332	-0.030718	-0.034401	0.080018	-0.047045
	-0.039052	-0.054246	0.002983	0.110818	0.063628	0.045062
	0.040218	0.011887	-0.011168	-0.048332	0.005445	-0.003878
	-0.056336	0.050767	-0.020109	0.020200	-0.025064	-0.013399
	0.012470					
y203	0.030556	0.004572	0.051918	-0.013389	0.025403	-0.004973
	-0.090104	0.041683	0.042273	-0.100275	-0.040620	-0.041749
	-0.043811	0.084745	0.018592	-0.031744	0.063397	-0.032532
	0.019171	0.007969	-0.081556	-0.006571	-0.048836	-0.006151
	-0.007132	-0.046090	-0.061875	-0.030332	-0.028592	-0.025436
	-0.003293					
z203	-0.048574	-0.011365	-0.032718	-0.012984	-0.000410	-0.064884
	0.063961	-0.002821	-0.046598	-0.012531	-0.027050	0.072481
	0.036099	-0.095692	-0.007838	-0.030433	-0.093439	0.084802
	0.002444	-0.014582	0.006144	-0.023698	-0.081616	0.042782
	0.071724	-0.051314	-0.013549	-0.016886	-0.050589	0.071028
	0.005063					
x204	-0.016969	0.078624	0.019646	0.008099	-0.046828	-0.077314
	0.038574	0.065759	-0.033016	-0.021016	0.089598	-0.046321
	-0.041401	-0.041458	-0.018728	0.084233	0.056415	0.027452
	0.034564	0.022903	-0.045755	-0.075418	0.031869	0.002682
	-0.081384	0.033136	-0.004329	-0.001290	-0.045056	0.017294
	0.030144					
y204	0.038543	-0.005344	0.031383	-0.011274	0.025452	0.008317
	-0.114703	0.021794	0.033682	-0.081876	-0.050969	-0.034972
	-0.038763	0.110953	-0.005262	-0.036809	0.045279	-0.018374
	0.033973	0.003935	-0.077326	-0.003244	-0.030487	-0.050472
	-0.009312	-0.063667	-0.081187	-0.065763	-0.011233	-0.029649
	-0.004904					
z204	-0.042529	-0.003974	-0.037340	-0.010834	-0.010052	-0.080148
	0.058718	0.002834	-0.028590	-0.004399	-0.011058	0.051222
	0.053533	-0.111889	0.019639	-0.013617	-0.020738	0.103343
	0.039971	-0.011719	-0.002279	-0.017604	-0.032021	0.015261
	0.064600	-0.015656	0.037231	-0.025501	-0.029551	0.032439
	0.025864					

x205	-0.005087	0.075558	0.031170	0.015714	-0.039905	-0.087504
	0.027276	0.071256	-0.031503	-0.014270	0.095318	-0.044627
	-0.041095	-0.020547	-0.037016	0.064578	0.048359	0.004836
	0.025428	0.033941	-0.077141	-0.087586	0.056192	0.009083
	-0.105034	0.026863	-0.017813	-0.015415	-0.046234	0.056342
	0.038176					
y205	0.043724	-0.013576	0.016052	-0.011534	0.022532	0.019083
	-0.132654	0.001580	0.023661	-0.070807	-0.064350	-0.028657
	-0.032089	0.116234	-0.021869	-0.031830	0.024141	-0.000379
	0.044468	0.010859	-0.062835	-0.011087	-0.026482	-0.080697
	-0.012684	-0.081646	-0.077945	-0.091539	-0.005820	-0.034536
	-0.000864					
z205	-0.035218	-0.001431	-0.040658	-0.005654	-0.018822	-0.099644
	0.060562	0.016269	-0.016743	-0.012130	0.006731	0.038918
	0.061054	-0.113136	0.024196	-0.025998	0.013490	0.098615
	0.078462	-0.004377	-0.018029	0.010984	-0.008912	0.014646
	0.051849	-0.003780	0.024977	-0.041150	0.000139	0.036677
	0.041781					
x206	0.007538	0.069920	0.039586	0.022073	-0.034474	-0.094366
	0.014923	0.076540	-0.026731	-0.006311	0.091976	-0.041074
	-0.030129	-0.006195	-0.043790	0.068142	0.047268	-0.005037
	0.009898	0.038398	-0.089273	-0.108927	0.076598	0.011517
	-0.111838	0.015977	-0.029084	-0.020182	-0.047265	0.072309
	0.036072					
y206	0.046234	-0.020185	0.005019	-0.013760	0.016251	0.027761
	-0.144875	-0.013963	0.016596	-0.064011	-0.071862	-0.023404
	-0.025858	0.108977	-0.028678	-0.018959	0.008845	0.015946
	0.044403	0.015906	-0.045390	-0.026847	-0.031269	-0.097993
	-0.017993	-0.088844	-0.062645	-0.092075	-0.006268	-0.043832
	-0.000223					
z206	-0.032705	0.001474	-0.045339	-0.010321	-0.024834	-0.094647
	0.054999	0.027299	-0.012154	-0.018187	0.009952	0.035506
	0.057583	-0.098970	0.017347	-0.054413	0.013433	0.074417
	0.105518	0.028675	-0.023293	0.026893	0.000090	0.013365
	0.037178	0.000375	0.037157	-0.059572	0.051046	0.065818
	0.062384					
x207	0.020364	0.061814	0.042705	0.026827	-0.032832	-0.098870
	0.000699	0.075033	-0.022284	0.005038	0.081803	-0.037730
	-0.018404	-0.008127	-0.047155	0.076233	0.041415	-0.007745
	-0.007253	0.037770	-0.089815	-0.118392	0.085770	0.013634
	-0.108253	0.004594	-0.022346	-0.024019	-0.049065	0.079925
	0.029253					

y207	0.046685	-0.026279	-0.004265	-0.015437	0.004273	0.036902
	-0.151361	-0.027704	0.009444	-0.061049	-0.071658	-0.016844
	-0.022328	0.099989	-0.028107	-0.009371	-0.003338	0.024720
	0.042142	0.015430	-0.029879	-0.039670	-0.031100	-0.099567
	-0.016940	-0.086266	-0.056274	-0.079522	-0.009686	-0.038782
	0.001741					
z207	-0.027873	0.008369	-0.046987	-0.016932	-0.025005	-0.092518
	0.042895	0.040175	-0.009570	-0.031405	0.017542	0.025204
	0.057968	-0.078952	0.007427	-0.056393	0.023948	0.037457
	0.117293	0.053168	-0.020395	0.017265	0.006924	0.018261
	0.017996	0.008295	0.063686	-0.072785	0.058862	0.051822
	0.069340					
x208	0.033328	0.049376	0.040530	0.030896	-0.034768	-0.101164
	-0.015820	0.067522	-0.019286	0.020230	0.063048	-0.029707
	-0.006113	-0.017766	-0.047030	0.084921	0.025865	-0.001966
	-0.027912	0.038541	-0.084217	-0.111620	0.085892	0.007460
	-0.091384	-0.008856	-0.016676	-0.018272	-0.043913	0.076908
	0.018978					
y208	0.045830	-0.032776	-0.011975	-0.016908	-0.012473	0.044427
	-0.155061	-0.042692	-0.000298	-0.059944	-0.063654	-0.006455
	-0.022386	0.086126	-0.022219	-0.000716	-0.016836	0.030614
	0.040609	0.012778	-0.011600	-0.036957	-0.026862	-0.082681
	-0.012622	-0.068282	-0.050444	-0.055227	-0.021336	-0.034977
	0.010065					
z208	-0.022291	0.014358	-0.050786	-0.022718	-0.024544	-0.085668
	0.029558	0.052431	-0.000757	-0.038963	0.027109	0.013167
	0.058715	-0.061734	-0.004311	-0.039106	0.036660	0.007263
	0.108104	0.066455	-0.014673	-0.005201	0.009616	0.023397
	0.005397	0.012954	0.090880	-0.090780	0.056311	0.039931
	0.052818					
x209	0.046591	0.033985	0.031506	0.031357	-0.034877	-0.098878
	-0.035675	0.060131	-0.015751	0.028834	0.042766	-0.019414
	0.007951	-0.026704	-0.049998	0.087274	0.000107	0.000525
	-0.054320	0.036499	-0.072886	-0.111554	0.064696	0.011817
	-0.070977	-0.021976	-0.012970	-0.000470	-0.030818	0.086218
	0.009761					
y209	0.043450	-0.038649	-0.020046	-0.018751	-0.034472	0.048432
	-0.154754	-0.059143	-0.014544	-0.062275	-0.049471	0.004580
	-0.027838	0.057542	-0.014990	0.012040	-0.035724	0.033428
	0.033792	0.003966	0.003166	-0.018377	-0.017557	-0.040237
	-0.001615	-0.029590	-0.042757	-0.028725	-0.045166	-0.003630
	0.016929					

z209	-0.016217	0.012396	-0.053483	-0.020499	-0.032892	-0.082423
	0.014572	0.055229	0.005718	-0.030489	0.024873	0.017509
	0.062413	-0.047697	-0.006350	-0.005051	0.034167	0.011624
	0.077824	0.090560	-0.007694	-0.000319	0.020374	-0.008003
	0.016087	-0.006866	0.101338	-0.098572	0.044071	-0.024615
	0.008219					
x210	0.059774	0.017185	0.017275	0.030444	-0.030549	-0.080519
	-0.054622	0.055412	-0.004475	0.040916	0.011787	-0.012403
	0.020939	-0.031210	-0.048655	0.095580	-0.025565	0.000980
	-0.078782	0.029373	-0.040054	-0.102092	0.035282	0.015946
	-0.046288	-0.027150	0.000208	0.009784	-0.003260	0.092354
	-0.008060					
y210	0.038650	-0.042652	-0.025943	-0.020369	-0.055621	0.057142
	-0.150250	-0.072694	-0.027406	-0.062105	-0.032016	0.012991
	-0.036727	0.021058	-0.002908	0.034402	-0.051659	0.033411
	0.021806	-0.003952	0.015396	0.004372	-0.006292	0.006682
	0.012624	0.023128	-0.018951	0.001056	-0.070669	0.041221
	0.023151					
z210	-0.006704	0.004585	-0.054464	-0.021352	-0.049112	-0.097117
	-0.005456	0.048481	0.002369	-0.030005	0.027486	0.034212
	0.067730	-0.041672	-0.018102	0.029044	0.005400	0.011603
	0.026615	0.119467	-0.007986	-0.003434	0.020370	-0.013336
	0.039406	-0.036474	0.091528	-0.080556	0.009027	-0.075351
	-0.023384					
x211	0.069104	0.006395	0.003255	0.040749	-0.021972	-0.067187
	-0.063304	0.051214	-0.007667	0.044569	-0.024328	-0.009884
	0.036076	-0.027832	-0.037221	0.118492	-0.038473	-0.006131
	-0.098638	0.019756	-0.006591	-0.092818	0.010243	-0.021424
	-0.025051	-0.057507	0.025849	-0.003203	0.017281	0.032715
	-0.061044					
y211	0.029208	-0.042806	-0.026572	-0.018071	-0.074905	0.061777
	-0.137525	-0.082979	-0.044090	-0.067341	-0.003096	0.019851
	-0.045486	-0.018736	0.019404	0.065958	-0.061340	0.027980
	0.011505	-0.013889	0.022914	0.016754	0.006025	0.050751
	0.019500	0.070786	0.027013	0.030227	-0.103255	0.065213
	0.025496					
z211	0.004938	-0.009850	-0.061124	-0.031271	-0.066702	-0.099316
	-0.034129	0.036187	0.007604	-0.024919	0.022323	0.053159
	0.068267	-0.033804	-0.039728	0.062204	-0.043741	0.010877
	-0.036470	0.147391	-0.004388	-0.008252	0.007951	0.012866
	0.064588	-0.046424	0.072676	-0.033264	-0.006490	-0.081855
	-0.036974					

x212	0.069706	0.012011	0.006848	0.054007	-0.016690	-0.068787
	-0.062695	0.039902	-0.005003	0.036260	-0.053865	-0.018091
	0.040925	-0.027733	-0.034929	0.099175	-0.018447	-0.007801
	-0.086240	0.011773	0.006082	-0.078116	0.002542	-0.010849
	-0.014893	-0.030382	0.017092	0.011125	-0.012943	0.034872
	-0.046330					
y212	0.021834	-0.043594	-0.023328	-0.006547	-0.078368	0.069945
	-0.129715	-0.078075	-0.063886	-0.075053	-0.003965	0.021419
	-0.036741	-0.033957	0.042082	0.072346	-0.073417	0.017640
	0.017193	-0.038904	0.023513	0.003896	0.022574	0.053297
	0.018574	0.041622	0.033717	0.033902	-0.082133	0.042998
	0.013776					
z212	0.008806	-0.008320	-0.050038	-0.022586	-0.061404	-0.087531
	-0.042227	0.017011	0.022178	-0.030269	0.024257	0.058065
	0.068358	-0.024854	-0.031106	0.071877	-0.035501	0.011155
	-0.039312	0.132598	0.001295	-0.002685	0.025796	0.013473
	0.066578	-0.054630	0.050306	-0.022724	-0.016720	-0.085287
	-0.014159					
x213	0.068618	0.016934	0.008249	0.063306	-0.009031	-0.073767
	-0.060040	0.034761	-0.006453	0.028575	-0.074323	-0.026737
	0.046747	-0.028168	-0.034112	0.075342	-0.002149	-0.013385
	-0.079535	0.000124	0.015518	-0.064136	-0.016438	0.005945
	-0.007037	-0.012601	0.018230	0.018775	-0.039690	0.031117
	-0.028728					
y213	0.014327	-0.044073	-0.020827	0.003391	-0.078264	0.072120
	-0.119827	-0.068710	-0.080033	-0.081823	-0.002584	0.021414
	-0.027637	-0.041782	0.057190	0.077303	-0.083895	0.010430
	0.019807	-0.061904	0.021159	-0.012521	0.026984	0.056815
	0.015801	0.016258	0.042362	0.037006	-0.063747	0.013840
	0.013134					
z213	0.012948	-0.008263	-0.038226	-0.013405	-0.059317	-0.071755
	-0.050714	-0.001832	0.033668	-0.032625	0.023736	0.061900
	0.065908	-0.018625	-0.021363	0.082579	-0.027568	0.015898
	-0.033877	0.118682	0.008165	-0.002100	0.050030	0.006073
	0.067967	-0.053595	0.027585	-0.011460	-0.020089	-0.075770
	-0.006802					
x214	0.066877	0.020552	0.009051	0.068840	-0.003131	-0.079067
	-0.057490	0.033471	-0.008370	0.026805	-0.087454	-0.033486
	0.051772	-0.027751	-0.032337	0.056035	0.011976	-0.021397
	-0.072496	-0.014686	0.020607	-0.050531	-0.028197	0.020897
	0.001990	0.004403	0.025450	0.025715	-0.061001	0.029069
	-0.014028					

y214	0.006956	-0.043335	-0.019008	0.012174	-0.075980	0.068019
	-0.107556	-0.057358	-0.094595	-0.087754	0.002136	0.018872
	-0.018157	-0.042622	0.064890	0.080464	-0.088966	0.005556
	0.023616	-0.077615	0.011469	-0.028542	0.025475	0.054037
	0.012648	-0.007872	0.052002	0.034975	-0.045618	-0.011454
	0.016529					
z214	0.017226	-0.009408	-0.026174	-0.005286	-0.057907	-0.052400
	-0.057005	-0.019042	0.043980	-0.031982	0.018810	0.064213
	0.059985	-0.016265	-0.010283	0.086076	-0.023205	0.021744
	-0.029140	0.105417	0.017252	-0.001719	0.065855	-0.001916
	0.066157	-0.045171	0.006174	-0.005303	-0.019583	-0.062603
	-0.001744					
x215	0.065736	0.022149	0.012291	0.070265	-0.000970	-0.079812
	-0.054466	0.031428	-0.007921	0.028184	-0.090736	-0.036170
	0.052131	-0.026369	-0.030878	0.041853	0.021087	-0.029519
	-0.054555	-0.019568	0.024739	-0.042404	-0.027614	0.017749
	0.009065	0.024571	0.029307	0.027928	-0.067564	0.033125
	0.008004					
y215	0.001330	-0.041842	-0.015256	0.018469	-0.073213	0.064638
	-0.095336	-0.044959	-0.100981	-0.090057	0.008028	0.016097
	-0.010257	-0.040359	0.065508	0.078408	-0.089607	0.003463
	0.028760	-0.078711	0.007398	-0.043206	0.022981	0.042382
	0.014173	-0.023934	0.057894	0.029655	-0.026800	-0.017961
	0.020311					
z215	0.019783	-0.008861	-0.017404	0.000853	-0.055490	-0.035956
	-0.061211	-0.032170	0.048905	-0.029955	0.008222	0.063075
	0.055039	-0.015450	0.000985	0.084376	-0.017386	0.025170
	-0.030653	0.085531	0.022114	0.004005	0.069051	-0.000966
	0.058810	-0.043044	-0.013146	-0.005676	-0.021590	-0.056646
	-0.003013					
x216	0.064512	0.022019	0.016856	0.071152	0.001247	-0.072895
	-0.050486	0.028865	-0.006765	0.029749	-0.085931	-0.038903
	0.051317	-0.027762	-0.024531	0.032265	0.025719	-0.031849
	-0.039372	-0.033084	0.020695	-0.033039	-0.024301	0.017712
	0.021299	0.044903	0.026380	0.034488	-0.063892	0.032095
	0.004299					
y216	-0.001557	-0.041633	-0.008862	0.018353	-0.069561	0.071548
	-0.085855	-0.027219	-0.088792	-0.080636	0.006905	0.015575
	-0.002666	-0.041829	0.064052	0.066590	-0.086423	0.008107
	0.025628	-0.077044	0.020147	-0.046036	0.011597	0.040372
	0.033466	-0.024637	0.067182	0.034462	-0.019442	0.002024
	-0.003406					

z216	0.020832	-0.006352	-0.011343	0.007789	-0.055137	-0.029328
	-0.062269	-0.043608	0.041352	-0.028627	-0.001501	0.057888
	0.047471	-0.007837	0.005608	0.080820	-0.016369	0.023411
	-0.028821	0.072813	0.020297	0.000318	0.066781	-0.010035
	0.031137	-0.046365	-0.031166	-0.022334	-0.016271	-0.051283
	0.026068					
x217	0.062147	0.020049	0.021543	0.069676	0.002650	-0.062357
	-0.048054	0.024182	-0.012366	0.034566	-0.078295	-0.043128
	0.047140	-0.028723	-0.025999	0.015512	0.018692	-0.045246
	-0.017923	-0.048204	0.003049	-0.017980	-0.010936	0.017083
	0.032042	0.060740	0.021995	0.018798	-0.033109	0.026114
	0.001515					
y217	-0.004903	-0.038525	-0.003465	0.023269	-0.061707	0.068134
	-0.071820	-0.012661	-0.086687	-0.082750	0.014026	0.005372
	0.005531	-0.030301	0.051069	0.054658	-0.080009	0.013014
	0.027951	-0.067885	0.008826	-0.052042	0.005392	0.023303
	0.044594	-0.033400	0.051768	0.022750	0.010681	0.004660
	-0.008023					
z217	0.021517	-0.003498	-0.006039	0.006906	-0.055434	-0.018932
	-0.060927	-0.047066	0.044134	-0.019099	-0.013182	0.058097
	0.042097	-0.004058	0.016726	0.078554	-0.002795	0.028480
	-0.029519	0.064655	0.039640	0.003118	0.052434	-0.011958
	0.015745	-0.041861	-0.041349	-0.019819	-0.025010	-0.023857
	0.037267					
x218	0.064453	0.012792	0.029693	0.064099	-0.001046	-0.053994
	-0.038689	0.027767	-0.004952	0.042303	-0.062528	-0.040658
	0.047228	-0.022601	-0.006539	0.032720	0.031354	-0.044967
	0.002457	-0.073928	-0.014789	-0.010305	0.019905	0.003799
	0.060924	0.097070	-0.001052	0.042986	-0.004275	0.027609
	-0.026019					
y218	-0.005941	-0.036385	0.003128	0.020047	-0.055103	0.070238
	-0.058518	0.002784	-0.070247	-0.069353	0.008538	0.000248
	0.007103	-0.020913	0.032947	0.026721	-0.073705	0.018888
	0.023944	-0.049702	0.019518	-0.050876	-0.014959	0.011275
	0.062086	-0.033887	0.056863	0.016019	0.021520	0.037497
	-0.016617					
z218	0.016684	0.003525	-0.004437	0.005438	-0.052078	-0.006698
	-0.061137	-0.053826	0.030393	-0.009705	-0.023591	0.051403
	0.033205	-0.005592	0.009702	0.048827	-0.004534	0.019919
	-0.021844	0.062137	0.050689	0.009759	0.023363	-0.009167
	-0.011675	-0.053365	-0.037649	-0.048474	-0.018996	-0.009764
	0.059451					

x219	0.062325	0.010061	0.033624	0.053047	-0.005199	-0.043712
	-0.030692	0.017222	-0.016385	0.047836	-0.052921	-0.037552
	0.032025	-0.028292	0.006601	0.013048	0.016815	-0.064193
	0.026530	-0.080238	-0.025453	0.011426	0.032524	-0.012215
	0.060453	0.091384	0.004921	0.013367	0.030081	0.008289
	-0.023635					
y219	-0.006059	-0.031992	0.010858	0.020758	-0.045409	0.057318
	-0.036782	0.015316	-0.055469	-0.069928	0.008178	-0.008257
	0.011562	0.001922	0.011716	0.013979	-0.049967	0.033408
	0.023353	-0.024700	0.006435	-0.059759	-0.033096	-0.019128
	0.071179	-0.037716	0.041758	0.003153	0.043464	0.044457
	-0.012470					
z219	0.013030	0.006142	0.000658	0.001769	-0.049774	0.005658
	-0.056303	-0.043842	0.029395	0.008993	-0.026844	0.044382
	0.032401	-0.002231	0.005356	0.038396	0.010800	0.025682
	-0.012524	0.044627	0.052547	0.002717	0.004796	-0.002326
	-0.013015	-0.026338	-0.042288	-0.042305	-0.010762	0.022805
	0.045522					
x220	0.062955	0.022383	0.049808	0.074273	-0.012337	-0.076707
	0.011420	-0.045837	-0.029721	0.028574	-0.045638	-0.011384
	0.012432	0.014018	0.032798	-0.039518	0.034711	0.000219
	0.022963	-0.040384	-0.019968	0.063742	0.020726	-0.013953
	0.001257	0.021788	-0.005654	-0.070939	0.027825	0.030943
	-0.076407					
y220	-0.009110	-0.029521	-0.005681	0.028121	-0.011837	0.096336
	0.021628	0.107556	0.042845	0.022812	0.052260	-0.013987
	-0.006613	-0.004913	-0.097141	0.013317	-0.033159	0.046623
	-0.065132	0.054755	-0.111774	0.115485	0.005754	-0.097597
	0.067527	-0.022926	-0.038807	-0.037209	0.020991	0.056335
	0.010918					
z220	0.020490	0.038043	0.028320	-0.048940	-0.038317	-0.003731
	-0.061216	-0.090109	-0.007700	0.090236	-0.000225	0.030475
	0.012682	-0.021691	-0.024629	-0.010963	-0.042430	0.063924
	0.001323	0.073088	0.017014	0.031534	-0.087300	-0.035253
	0.028243	0.045626	-0.040251	0.036389	-0.055919	-0.074500
	-0.039962					
x221	0.063068	0.015708	0.045756	0.082665	-0.015475	-0.063118
	0.012310	-0.039487	-0.017535	0.009556	-0.041382	-0.004602
	0.012430	0.005453	0.020817	-0.029553	0.021832	0.013246
	0.018375	-0.028296	0.000209	0.072148	0.016270	-0.015596
	-0.002869	0.021101	-0.007495	-0.066139	0.038638	0.013746
	-0.054378					

y221	-0.013929	-0.037477	-0.008451	0.019644	-0.010010	0.094874
	0.015139	0.109792	0.051900	0.022214	0.044311	-0.012999
	-0.001336	-0.010676	-0.068789	0.040497	-0.035875	0.050439
	-0.058640	0.052694	-0.093392	0.107609	0.004152	-0.082669
	0.043118	0.000650	-0.036897	-0.016631	0.046008	0.038699
	0.014126					
z221	0.019177	0.041963	0.033198	-0.038881	-0.034477	0.007120
	-0.057310	-0.095148	-0.012710	0.085861	0.012219	0.012057
	0.009272	-0.017971	-0.022520	-0.044910	-0.026595	0.046161
	-0.001811	0.070537	-0.000566	0.037014	-0.083664	-0.039551
	0.018440	0.030394	-0.047017	0.044006	-0.031777	-0.040454
	-0.021623					
x222	0.062718	0.007704	0.040446	0.084188	-0.018703	-0.051720
	0.012697	-0.025248	-0.012035	-0.007816	-0.038093	0.003422
	0.012214	-0.011479	0.011641	-0.010097	0.003573	0.031323
	0.007303	-0.017628	0.017321	0.070831	0.003863	-0.017804
	-0.019188	0.010937	-0.001866	-0.054407	0.039980	-0.003630
	-0.024250					
y222	-0.018133	-0.044930	-0.010807	0.010816	-0.008849	0.091712
	0.007312	0.112767	0.058110	0.023881	0.035673	-0.013325
	0.002797	-0.015185	-0.046124	0.064364	-0.039503	0.052611
	-0.051879	0.048005	-0.077805	0.097706	0.004807	-0.068638
	0.020328	0.019840	-0.034613	-0.003980	0.059112	0.026373
	0.011708					
z222	0.017865	0.042659	0.035842	-0.031192	-0.031718	0.017135
	-0.056556	-0.092978	-0.021325	0.078041	0.019786	-0.002439
	0.004842	-0.017861	-0.020506	-0.065126	-0.020545	0.033180
	-0.003750	0.063169	-0.015733	0.033210	-0.075579	-0.042772
	0.000057	0.015383	-0.049469	0.047544	-0.012467	-0.009739
	0.003963					
x223	0.061683	-0.001807	0.036905	0.084522	-0.020173	-0.043383
	0.008512	-0.009962	-0.004981	-0.015137	-0.034996	0.010572
	0.011846	-0.023473	0.005935	0.005837	-0.011280	0.039252
	0.006362	-0.008563	0.026587	0.088480	-0.008346	-0.018852
	-0.016073	0.007633	0.002756	-0.029662	0.020807	-0.010767
	-0.041712					
y223	-0.021351	-0.051008	-0.011667	0.001324	-0.007463	0.087978
	0.001048	0.114518	0.062716	0.028054	0.026193	-0.013531
	0.007085	-0.018731	-0.026020	0.079818	-0.039491	0.053448
	-0.044110	0.043526	-0.062655	0.089867	0.005793	-0.055614
	0.002358	0.035367	-0.027079	0.004904	0.061432	0.014801
	0.006180					

z223	0.015453	0.041906	0.037486	-0.024625	-0.027944	0.024893
	-0.056294	-0.086317	-0.025128	0.071385	0.026137	-0.013228
	0.000268	-0.016330	-0.020301	-0.076657	-0.017747	0.017414
	-0.004576	0.054369	-0.021083	0.039362	-0.069945	-0.043197
	-0.007630	0.003882	-0.037938	0.055425	-0.002639	0.015856
	-0.005139					
x224	0.059361	-0.010348	0.032388	0.081446	-0.020423	-0.035791
	0.005279	0.005754	0.002069	-0.020733	-0.029592	0.017427
	0.012485	-0.030687	0.001711	0.012692	-0.021262	0.041551
	0.006447	-0.000164	0.038844	0.107403	-0.016475	-0.021758
	-0.014990	0.007608	0.006059	-0.018360	0.019610	-0.002657
	-0.052340					
y224	-0.023923	-0.055122	-0.011014	-0.008790	-0.006011	0.083063
	-0.003480	0.112993	0.065631	0.032505	0.018831	-0.014530
	0.013279	-0.021187	-0.011356	0.087624	-0.035103	0.055049
	-0.038257	0.039113	-0.047924	0.082215	0.005655	-0.043799
	-0.009123	0.044873	-0.015918	0.008769	0.061510	0.003358
	-0.001327					
z224	0.009803	0.041514	0.037014	-0.022761	-0.021486	0.028312
	-0.055448	-0.076019	-0.025289	0.060245	0.034106	-0.021206
	0.000548	-0.015503	-0.021873	-0.086213	-0.013086	0.004491
	-0.002595	0.052201	-0.023138	0.050300	-0.064361	-0.039054
	-0.009332	-0.008017	-0.027092	0.055076	0.015609	0.035106
	-0.017789					
x225	0.057307	-0.017235	0.029617	0.079944	-0.024173	-0.029329
	0.005346	0.014219	0.003766	-0.022972	-0.026149	0.020584
	0.009841	-0.035389	-0.001766	0.017685	-0.030616	0.039297
	0.004801	0.003920	0.038017	0.116350	-0.012237	-0.030131
	-0.008774	0.012408	-0.003976	-0.019708	-0.006172	0.002750
	-0.059219					
y225	-0.024685	-0.057724	-0.008599	-0.016327	-0.005949	0.078511
	-0.005530	0.109485	0.064813	0.038886	0.012239	-0.016847
	0.017364	-0.021550	0.000204	0.088693	-0.029790	0.056374
	-0.034966	0.033650	-0.034468	0.072163	0.006189	-0.034936
	-0.019138	0.050408	-0.004113	0.004607	0.053105	-0.008132
	-0.004212					
z225	0.005213	0.039864	0.036186	-0.016419	-0.017996	0.030386
	-0.051851	-0.068224	-0.029026	0.051208	0.037893	-0.030519
	-0.005414	-0.013656	-0.023936	-0.085475	-0.019613	-0.008858
	-0.008091	0.041975	-0.028090	0.046923	-0.047836	-0.041938
	-0.015088	-0.009004	-0.030195	0.036460	0.010369	0.042522
	-0.013692					

x226	0.055990	-0.024389	0.027659	0.076391	-0.027008	-0.023634
	0.007311	0.021170	0.008558	-0.024585	-0.019888	0.027014
	0.007864	-0.034517	-0.003721	0.017160	-0.030509	0.043101
	0.001721	0.001468	0.047993	0.117017	-0.012262	-0.025223
	-0.009287	0.013254	0.003565	-0.011386	-0.021240	-0.008159
	-0.038028					
y226	-0.024578	-0.058873	-0.004344	-0.023322	-0.006511	0.073021
	-0.007472	0.103931	0.061458	0.047644	0.007636	-0.019752
	0.020900	-0.020341	0.006982	0.080839	-0.020169	0.057271
	-0.031105	0.027301	-0.023753	0.065333	0.007077	-0.029759
	-0.025102	0.050890	0.010272	-0.001470	0.042087	-0.018469
	-0.009964					
z226	0.000514	0.036902	0.035819	-0.009121	-0.013388	0.029405
	-0.049573	-0.059192	-0.029817	0.039587	0.042496	-0.032833
	-0.007284	-0.011282	-0.026001	-0.087131	-0.023236	-0.012584
	-0.009059	0.026564	-0.026563	0.045468	-0.030841	-0.029097
	-0.026407	-0.011751	-0.026643	0.036216	0.013942	0.029239
	0.011691					
x227	0.054336	-0.030509	0.027565	0.072141	-0.033527	-0.018334
	0.010506	0.025594	0.011312	-0.026134	-0.013611	0.035473
	0.004531	-0.038529	-0.007673	0.012176	-0.021395	0.045962
	-0.004320	0.010222	0.048906	0.114176	-0.007761	-0.027485
	-0.006869	0.009633	0.016060	-0.019567	-0.035521	-0.009675
	-0.023381					
y227	-0.023646	-0.058792	0.001257	-0.029436	-0.006475	0.066291
	-0.008116	0.096865	0.056089	0.056798	0.003909	-0.023465
	0.025094	-0.016673	0.009644	0.064065	-0.006486	0.058514
	-0.029183	0.021028	-0.015935	0.061116	0.011642	-0.022023
	-0.026116	0.048154	0.025716	-0.015812	0.022701	-0.023718
	-0.014634					
z227	-0.004385	0.034435	0.036873	-0.000580	-0.010080	0.028607
	-0.046618	-0.050456	-0.029817	0.023911	0.047686	-0.028689
	-0.008183	-0.012171	-0.033116	-0.085744	-0.020494	-0.015567
	-0.009272	0.026042	-0.028777	0.044424	-0.009564	-0.021223
	-0.036311	-0.019874	-0.022150	0.021320	0.024012	0.019666
	0.029948					
x228	0.053141	-0.034577	0.025809	0.067171	-0.039019	-0.014821
	0.016562	0.028481	0.011358	-0.022791	-0.004675	0.037012
	0.000997	-0.033449	-0.005473	0.011063	-0.007671	0.046744
	-0.004903	0.006353	0.052828	0.096457	-0.008420	-0.032423
	0.001601	0.005377	0.022694	-0.021547	-0.040463	-0.015670
	-0.022203					

y228	-0.021534	-0.057020	0.008496	-0.036459	-0.006792	0.060107
	-0.007434	0.087399	0.046250	0.068691	0.000440	-0.028167
	0.027709	-0.012210	0.007177	0.039490	0.007678	0.057580
	-0.028597	0.011299	-0.007280	0.057028	0.015372	-0.018591
	-0.020541	0.038671	0.044147	-0.034870	-0.004550	-0.026637
	-0.019164					
z228	-0.009238	0.032950	0.034729	0.007773	-0.005292	0.027105
	-0.041794	-0.039683	-0.032518	0.011073	0.051251	-0.028930
	-0.009422	-0.008752	-0.037744	-0.070635	-0.022323	-0.017808
	-0.005008	0.011793	-0.018536	0.030034	0.005111	-0.013087
	-0.038365	-0.033388	-0.019428	0.016174	0.043439	-0.002645
	0.034448					
x229	0.051975	-0.037067	0.025593	0.058487	-0.046175	-0.012129
	0.021467	0.026981	0.004579	-0.014154	0.000444	0.036466
	-0.007468	-0.030297	-0.003113	-0.005758	0.001936	0.038605
	0.001688	-0.000128	0.041935	0.085911	-0.009985	-0.038863
	0.023532	-0.008674	0.030842	-0.020220	-0.061301	-0.009768
	-0.037980					
y229	-0.018367	-0.053795	0.016430	-0.043119	-0.007569	0.052578
	-0.003329	0.076813	0.035205	0.082392	-0.000762	-0.034619
	0.029432	-0.006201	0.002152	0.012465	0.025389	0.057669
	-0.029611	-0.003420	0.000112	0.050114	0.017739	-0.020058
	-0.010011	0.025166	0.060510	-0.055669	-0.038053	-0.027705
	-0.029079					
z229	-0.013797	0.032181	0.033912	0.015452	-0.002076	0.024312
	-0.036649	-0.031418	-0.035871	-0.006126	0.052124	-0.026223
	-0.013704	-0.008876	-0.042339	-0.063855	-0.030822	-0.019824
	0.002599	-0.007834	-0.017966	0.021481	0.019246	-0.009949
	-0.035480	-0.050699	-0.017591	0.023243	0.053985	-0.018980
	0.025596					
x230	0.046644	-0.046679	0.025464	0.042971	-0.048037	-0.005089
	0.026063	0.024233	0.000440	-0.021432	0.004355	0.025932
	-0.014004	-0.027594	0.009392	-0.017692	0.009527	0.030876
	0.006097	-0.000801	0.037882	0.054335	-0.006542	-0.036251
	0.016807	-0.023800	0.036471	-0.023981	-0.056893	0.005403
	-0.024774					
y230	-0.019459	-0.054724	0.020479	-0.051115	0.001799	0.045513
	0.000098	0.062377	0.018868	0.076592	-0.002204	-0.045991
	0.022448	-0.008283	-0.001201	0.004452	0.023721	0.048435
	-0.035933	-0.016016	0.000309	0.028705	0.037637	-0.017931
	-0.021127	0.024654	0.061303	-0.060944	-0.036255	-0.014778
	-0.014604					

z230	-0.014221	0.035050	0.035813	0.024887	-0.002029	0.020707
	-0.034403	-0.022056	-0.021607	-0.004999	0.049471	-0.025821
	-0.015794	-0.000759	-0.044344	-0.050574	-0.016842	-0.016358
	0.017375	-0.014627	-0.010371	0.024875	0.018439	0.008377
	-0.035142	-0.047596	-0.013239	0.007935	0.048710	-0.017105
	-0.000882					
x231	0.041413	-0.056014	0.025792	0.026821	-0.048520	-0.000199
	0.033847	0.024540	-0.002869	-0.026317	0.005311	0.021710
	-0.017075	-0.027601	0.020280	-0.021468	0.014286	0.027307
	-0.003352	-0.003345	0.034236	0.025311	-0.001899	-0.042068
	0.018380	-0.034303	0.034621	-0.020527	-0.057782	0.017226
	-0.018051					
y231	-0.019912	-0.054705	0.024677	-0.056820	0.011471	0.038778
	0.003447	0.048774	0.004657	0.073204	-0.002998	-0.055721
	0.013864	-0.009363	-0.006489	-0.007961	0.022273	0.036107
	-0.038946	-0.026224	-0.001530	0.011572	0.049880	-0.016025
	-0.029468	0.026596	0.060500	-0.066326	-0.030670	-0.008229
	0.000903					
z231	-0.015572	0.035915	0.038882	0.030385	-0.000442	0.013690
	-0.023792	-0.007994	-0.010697	-0.002361	0.046169	-0.021674
	-0.017657	0.006429	-0.047100	-0.037751	-0.011771	-0.013009
	0.015266	-0.025872	-0.011110	0.026222	0.019462	0.011063
	-0.025972	-0.038609	-0.017747	-0.008204	0.031092	-0.017593
	-0.029670					
x232	0.036711	-0.065266	0.025161	0.011671	-0.046492	0.004466
	0.037544	0.022800	-0.005214	-0.026513	0.011609	0.019515
	-0.020357	-0.026237	0.029713	-0.032331	0.018316	0.014767
	-0.002743	-0.001816	0.031547	0.009805	-0.004312	-0.036303
	0.022849	-0.038719	0.029684	-0.010267	-0.053355	0.023009
	-0.003927					
y232	-0.019761	-0.054124	0.028506	-0.060271	0.018727	0.031844
	0.007026	0.036967	-0.005819	0.069216	-0.006128	-0.062352
	0.007878	-0.014083	-0.008664	-0.014796	0.020539	0.027627
	-0.043092	-0.031223	-0.006217	-0.001903	0.058595	-0.016232
	-0.036502	0.028022	0.061634	-0.070757	-0.025136	-0.004429
	0.008510					
z232	-0.016905	0.035032	0.041821	0.033589	0.001868	0.009730
	-0.014632	-0.000013	-0.001449	0.000068	0.049613	-0.019526
	-0.017926	0.010816	-0.043991	-0.032922	-0.007745	-0.010681
	0.023768	-0.034472	-0.011628	0.033085	0.011905	0.018495
	-0.012495	-0.031553	-0.021101	-0.009918	0.026968	-0.018005
	-0.042473					

x233	0.031224	-0.073605	0.025736	0.000265	-0.046684	0.009629
	0.035758	0.022426	-0.007197	-0.025834	0.011537	0.017740
	-0.027958	-0.021613	0.035707	-0.033418	0.022714	0.003869
	-0.002108	0.000323	0.031969	-0.000041	0.009645	-0.031221
	0.016852	-0.029372	0.030664	-0.002003	-0.048652	0.024873
	0.000835					
y233	-0.018618	-0.051833	0.029377	-0.062461	0.026975	0.027539
	0.007425	0.024705	-0.012198	0.065643	-0.007085	-0.064909
	0.006810	-0.020005	-0.010546	-0.019814	0.022820	0.017674
	-0.044737	-0.029924	-0.003924	-0.019521	0.060395	-0.006053
	-0.035969	0.022964	0.056749	-0.071671	-0.022180	-0.008435
	0.030553					
z233	-0.018568	0.032792	0.044207	0.037675	0.001442	0.009012
	-0.014597	0.004837	0.005268	-0.002890	0.046439	-0.018946
	-0.016763	0.015545	-0.030715	-0.016657	-0.004535	-0.015685
	0.022024	-0.036011	-0.008481	0.039295	0.021989	0.023188
	-0.011253	-0.020701	-0.012637	-0.020188	0.015251	-0.023690
	-0.059870					
x234	0.028121	-0.081562	0.025108	-0.010630	-0.045839	0.014076
	0.036181	0.025188	-0.007858	-0.021526	0.015397	0.018929
	-0.034424	-0.015765	0.036604	-0.041913	0.026832	-0.002721
	-0.006028	0.006337	0.034421	-0.017672	0.006108	-0.023504
	0.015345	-0.031649	0.028182	0.000119	-0.040255	0.025759
	0.019902					
y234	-0.017809	-0.049485	0.030666	-0.061478	0.033423	0.020807
	0.007868	0.012877	-0.016588	0.063205	-0.013057	-0.063637
	0.008790	-0.032299	-0.010689	-0.021141	0.020293	0.007868
	-0.046271	-0.023894	-0.006978	-0.017763	0.064441	-0.006053
	-0.037608	0.023791	0.051622	-0.066798	-0.018386	-0.011752
	0.025303					
z234	-0.017769	0.028959	0.045244	0.041083	0.001350	0.010011
	-0.010170	0.010538	0.011487	-0.003620	0.047621	-0.017986
	-0.014672	0.021645	-0.015347	-0.012505	-0.004650	-0.018855
	0.013019	-0.034016	-0.005116	0.033970	0.016429	0.021095
	-0.002364	-0.028452	-0.011326	-0.029834	0.011856	-0.026213
	-0.051749					
x235	0.023615	-0.087273	0.024055	-0.019376	-0.045309	0.014566
	0.033820	0.021306	-0.008368	-0.019419	0.019284	0.019705
	-0.039854	-0.011242	0.031792	-0.043053	0.033561	-0.004852
	0.002110	0.013941	0.034777	-0.026691	0.009219	-0.010555
	0.002265	-0.026570	0.024841	-0.004534	-0.038928	0.019355
	0.035626					

y235	-0.016023	-0.046230	0.031096	-0.058495	0.039942	0.017409
	0.007106	0.005111	-0.017488	0.062333	-0.018154	-0.059630
	0.010306	-0.042110	-0.011011	-0.022421	0.020956	-0.003125
	-0.044797	-0.017851	-0.005377	-0.022440	0.061558	0.002383
	-0.031461	0.026487	0.042976	-0.056005	-0.010503	-0.017551
	0.026862					
z235	-0.019301	0.023344	0.046401	0.041420	-0.001085	0.009024
	-0.007903	0.008722	0.016842	-0.010075	0.051213	-0.017424
	-0.011989	0.025537	-0.000578	-0.005956	-0.003281	-0.014503
	0.020161	-0.031630	-0.006050	0.036503	0.023738	0.026517
	-0.004830	-0.025397	-0.005076	-0.051333	-0.009153	-0.023054
	-0.040915					
x236	0.019543	-0.092380	0.020552	-0.027252	-0.043509	0.019734
	0.032269	0.018543	-0.006259	-0.009081	0.017798	0.025052
	-0.045909	-0.009537	0.023786	-0.043894	0.034198	-0.013184
	-0.002410	0.024692	0.040849	-0.034035	0.008500	-0.000777
	0.000508	-0.019617	0.023578	0.007153	-0.033093	0.015614
	0.047605					
y236	-0.013342	-0.042279	0.032620	-0.052950	0.045130	0.010546
	0.005175	0.001142	-0.013741	0.060923	-0.023339	-0.052509
	0.013856	-0.051766	-0.013018	-0.021102	0.025725	-0.007705
	-0.037132	-0.009146	-0.007326	-0.021487	0.056428	0.010979
	-0.025733	0.029597	0.028431	-0.048284	-0.003976	-0.033166
	0.022718					
z236	-0.020833	0.017384	0.047848	0.040873	-0.001271	0.013910
	0.000002	0.009041	0.015086	-0.007815	0.048263	-0.018872
	-0.016030	0.033574	0.005609	-0.005784	-0.013057	-0.007895
	0.016704	-0.039863	-0.002860	0.026398	0.027845	0.012869
	0.008778	-0.033332	-0.001940	-0.044343	-0.022949	-0.003503
	-0.035290					
x237	0.015993	-0.095638	0.018288	-0.033219	-0.040640	0.020802
	0.031888	0.015349	-0.001605	-0.000844	0.020003	0.029327
	-0.051508	-0.013336	0.011329	-0.040055	0.044348	-0.016641
	-0.002120	0.036386	0.034905	-0.033998	-0.000654	0.009064
	-0.009819	0.000225	0.015191	0.003750	-0.020389	-0.006214
	0.055491					
y237	-0.010524	-0.038182	0.033137	-0.044912	0.050283	0.004949
	0.002013	-0.003208	-0.007919	0.063884	-0.029048	-0.041428
	0.017483	-0.057263	-0.012304	-0.023138	0.026102	-0.019119
	-0.034756	0.004515	-0.002800	-0.018071	0.049844	0.022387
	-0.019604	0.031079	0.014240	-0.031335	-0.001119	-0.039461
	0.025184					

z237	-0.022881	0.013225	0.049008	0.038829	-0.002569	0.013084
	0.007085	0.009258	0.018296	-0.009871	0.051860	-0.022026
	-0.019523	0.028059	0.012728	-0.004213	-0.011223	-0.005203
	0.013780	-0.044171	-0.011520	0.027209	0.025503	-0.001224
	0.007814	-0.027489	-0.001691	-0.060900	-0.037525	0.000167
	-0.033596					
x238	0.013628	-0.099784	0.015245	-0.037762	-0.038363	0.023247
	0.028416	0.014176	0.006977	0.012311	0.018496	0.040063
	-0.058049	-0.012043	-0.002133	-0.028830	0.055059	-0.013887
	-0.004631	0.047695	0.042246	-0.032790	-0.003832	0.029332
	-0.015284	0.020025	0.004467	0.013464	-0.010717	-0.023527
	0.062450					
y238	-0.008434	-0.031985	0.032765	-0.036262	0.054447	0.001588
	-0.004336	-0.008439	-0.004487	0.066410	-0.036250	-0.028272
	0.022682	-0.071150	-0.015587	-0.032478	0.020554	-0.034011
	-0.024206	0.024353	-0.000624	-0.006025	0.036270	0.032802
	-0.011622	0.029587	0.005996	-0.022182	0.003871	-0.050436
	0.025428					
z238	-0.023655	0.005567	0.049366	0.036990	-0.004854	0.014991
	0.013242	0.008902	0.022428	-0.009677	0.051114	-0.021392
	-0.022579	0.028476	0.026392	0.004775	-0.012066	0.009023
	0.002761	-0.049960	-0.006506	0.014797	0.028517	-0.009257
	0.012774	-0.033750	-0.006301	-0.059641	-0.055803	0.005530
	-0.029679					
x239	0.012695	-0.101289	0.008562	-0.043172	-0.029600	0.024350
	0.026251	0.000217	0.015209	0.023111	0.022778	0.041373
	-0.046251	-0.011700	-0.006159	-0.025691	0.060599	-0.015914
	0.011957	0.041389	0.050903	-0.043781	-0.009168	0.033264
	-0.002084	-0.002829	-0.013841	0.031929	0.009384	-0.014656
	0.045096					
y239	-0.002106	-0.024190	0.031609	-0.025056	0.062963	-0.008707
	-0.007563	-0.013936	-0.006425	0.057608	-0.040120	-0.026208
	0.035550	-0.071556	-0.016006	-0.033381	0.015948	-0.036715
	-0.004581	0.022387	0.008831	-0.005882	0.033893	0.038665
	0.007605	0.009682	0.000864	-0.004061	0.009879	-0.027613
	0.007696					
z239	-0.027499	-0.002631	0.049737	0.033130	-0.005236	0.020744
	0.016188	0.009842	0.021982	-0.010182	0.045147	-0.017889
	-0.031049	0.020709	0.031178	0.005797	-0.016207	0.014518
	-0.013485	-0.045094	-0.007872	0.011735	0.027842	-0.006159
	0.008417	-0.026977	-0.006288	-0.065859	-0.067469	-0.005675
	-0.001347					

x240	0.010926	-0.102109	0.002463	-0.046928	-0.020601	0.023732
	0.026746	-0.011963	0.022064	0.033312	0.028134	0.039342
	-0.034102	-0.009530	-0.008633	-0.019255	0.067027	-0.016398
	0.025588	0.035532	0.055768	-0.052561	-0.016730	0.035633
	0.005799	-0.014527	-0.031061	0.046293	0.017453	-0.004905
	0.023276					
y240	0.004150	-0.017399	0.031571	-0.019189	0.068987	-0.013692
	-0.010499	-0.018094	-0.005354	0.052049	-0.048280	-0.020684
	0.041781	-0.079098	-0.017123	-0.038575	0.005463	-0.041689
	0.004911	0.017742	0.017173	-0.003782	0.027663	0.042523
	0.026239	-0.009055	0.001152	0.000745	0.018721	-0.015326
	-0.005702					
z240	-0.030918	-0.009250	0.048978	0.035422	-0.003200	0.022023
	0.020299	0.009357	0.020649	-0.011857	0.047535	-0.014971
	-0.031766	0.022665	0.038707	0.007934	-0.012785	0.010243
	-0.019783	-0.033594	-0.013542	0.015652	0.027875	0.001936
	-0.001058	-0.013636	-0.006262	-0.062845	-0.078122	-0.001767
	0.011152					
x241	0.010235	-0.101938	-0.005206	-0.050723	-0.012562	0.024757
	0.025020	-0.022424	0.030795	0.045422	0.031574	0.037427
	-0.024627	-0.010057	-0.006245	-0.010262	0.074080	-0.022098
	0.034585	0.032085	0.058578	-0.054423	-0.028224	0.040285
	0.018437	-0.025323	-0.040655	0.052561	0.032707	0.000513
	0.004799					
y241	0.007519	-0.008498	0.034577	-0.009648	0.073254	-0.023586
	-0.008273	-0.021334	-0.012620	0.040610	-0.049226	-0.019310
	0.044573	-0.076570	-0.021411	-0.042972	-0.006597	-0.040017
	0.018475	0.009830	0.018587	-0.008954	0.027180	0.040444
	0.029403	-0.025795	-0.002244	0.004935	0.020531	-0.008808
	-0.012075					
z241	-0.031710	-0.018552	0.043072	0.030779	0.000354	0.028264
	0.018544	0.002778	0.029816	-0.013026	0.045057	-0.006433
	-0.029921	0.010600	0.058627	0.016782	-0.003808	-0.005855
	-0.035937	-0.014934	-0.015159	0.027464	0.019138	0.013765
	0.009591	-0.008113	-0.001079	-0.067653	-0.077610	-0.003346
	0.016126					
x242	0.009132	-0.100011	-0.011669	-0.051430	-0.005002	0.023416
	0.027013	-0.027906	0.035029	0.056067	0.034056	0.032953
	-0.018627	-0.007804	-0.008712	-0.001039	0.075884	-0.025133
	0.047145	0.027199	0.058433	-0.056075	-0.038612	0.038161
	0.024335	-0.030814	-0.049027	0.052901	0.039263	0.002305
	-0.009061					

y242	0.009921	-0.000122	0.035140	-0.000675	0.077864	-0.033363
	-0.006302	-0.027896	-0.018117	0.027389	-0.046364	-0.016465
	0.047524	-0.075265	-0.024792	-0.042214	-0.012656	-0.039858
	0.029415	0.003066	0.010910	-0.016016	0.027947	0.038305
	0.033725	-0.041748	-0.003052	-0.000059	0.022844	-0.005707
	-0.008454					
z242	-0.031773	-0.026623	0.043960	0.029339	0.001421	0.032332
	0.021239	0.005597	0.034570	-0.011637	0.037240	-0.004311
	-0.034959	0.003363	0.066129	0.017299	-0.002725	-0.011694
	-0.036367	-0.003976	-0.009691	0.030008	0.011019	0.015096
	0.010088	0.005339	0.007710	-0.054906	-0.074262	0.000969
	0.008425					
x243	0.007951	-0.096511	-0.017403	-0.049590	0.002071	0.021126
	0.029559	-0.032730	0.039766	0.067789	0.034971	0.026760
	-0.013438	-0.002096	-0.013776	0.008634	0.075872	-0.024565
	0.061435	0.018495	0.055924	-0.056335	-0.049372	0.039550
	0.027923	-0.033329	-0.048250	0.045401	0.037749	0.006468
	-0.024447					
y243	0.014579	0.006295	0.038553	0.002330	0.077842	-0.033457
	-0.007556	-0.025661	-0.013729	0.024932	-0.047181	-0.006557
	0.045680	-0.078015	-0.017833	-0.042954	-0.018443	-0.045094
	0.026562	-0.001375	0.026246	-0.011675	0.027103	0.042936
	0.044258	-0.042674	-0.005912	0.005344	0.019122	0.008856
	-0.000936					
z243	-0.035469	-0.032802	0.042388	0.027441	0.005701	0.029606
	0.028046	0.003345	0.034324	-0.017048	0.030148	-0.006897
	-0.039715	0.002992	0.058224	0.020642	0.004407	-0.001109
	-0.023541	0.002040	-0.029959	0.027819	0.001729	0.006785
	-0.002341	0.016839	0.021603	-0.052879	-0.066225	0.007064
	-0.015169					
x244	0.006796	-0.091452	-0.024573	-0.045472	0.009216	0.020387
	0.032664	-0.032439	0.042447	0.079481	0.034739	0.018008
	-0.010773	0.001476	-0.017291	0.023133	0.075063	-0.023180
	0.077062	0.011543	0.053901	-0.049315	-0.061840	0.036294
	0.027172	-0.032886	-0.048034	0.033030	0.042929	0.006168
	-0.030118					
y244	0.018663	0.011009	0.043650	0.003985	0.074666	-0.035948
	-0.005937	-0.026747	-0.011212	0.018868	-0.047816	0.001275
	0.045254	-0.078940	-0.017436	-0.042337	-0.028003	-0.045305
	0.021374	-0.012082	0.015633	-0.016794	0.028830	0.047850
	0.050934	-0.034827	0.003047	0.008832	0.009596	0.000582
	-0.019112					

z244	-0.037466	-0.038453	0.042051	0.027425	0.011258	0.023992
	0.031767	0.000253	0.036095	-0.023228	0.022532	-0.005116
	-0.045200	0.002280	0.054274	0.024130	0.012171	-0.000374
	-0.007606	0.011282	-0.013200	0.027280	-0.011055	0.003455
	-0.007679	0.011574	0.020859	-0.056648	-0.059011	0.038842
	0.004410					
x245	0.004893	-0.084334	-0.031746	-0.038285	0.015247	0.016858
	0.037822	-0.031085	0.039932	0.089767	0.035486	0.007116
	-0.009573	0.008620	-0.022389	0.040345	0.070313	-0.024388
	0.089975	0.005974	0.041199	-0.045854	-0.070011	0.030225
	0.024895	-0.031033	-0.040482	0.017230	0.039098	0.001822
	-0.033542					
y245	0.019236	0.019946	0.049060	0.007199	0.070821	-0.046212
	-0.000116	-0.029983	-0.022060	0.000413	-0.040127	0.002316
	0.037808	-0.076673	-0.012622	-0.039836	-0.033034	-0.045348
	0.023836	-0.015166	-0.000105	-0.016995	0.030125	0.034619
	0.043766	-0.047313	-0.002976	-0.012798	0.010779	-0.004902
	-0.019363					
z245	-0.036352	-0.049309	0.040923	0.030849	0.017521	0.024730
	0.035266	0.001922	0.047705	-0.022694	0.007583	0.000487
	-0.048624	-0.001747	0.043159	0.026274	0.012456	0.003054
	0.007664	0.013888	-0.003600	0.014432	-0.019586	0.012238
	-0.008421	0.012699	0.033074	-0.034729	-0.061141	0.040291
	0.010639					
x246	0.003572	-0.075831	-0.038646	-0.029877	0.020889	0.013878
	0.043286	-0.026993	0.039430	0.101415	0.033220	-0.003154
	-0.010537	0.016413	-0.030051	0.058718	0.064218	-0.024063
	0.100423	0.001587	0.031228	-0.035567	-0.080283	0.024668
	0.017743	-0.029600	-0.025270	-0.003252	0.029579	-0.000101
	-0.032552					
y246	0.019790	0.026708	0.055435	0.004629	0.064949	-0.046409
	0.003359	-0.029723	-0.017371	-0.009246	-0.034916	0.009186
	0.027207	-0.071606	-0.010633	-0.041220	-0.032871	-0.041675
	0.020305	-0.018492	0.001388	-0.020057	0.026121	0.040008
	0.039388	-0.048059	0.007772	-0.022254	0.001980	-0.005721
	-0.019463					
z246	-0.034872	-0.058186	0.039442	0.035300	0.023428	0.017828
	0.042785	0.002318	0.047092	-0.024682	-0.006490	0.002679
	-0.049525	-0.006739	0.035165	0.034449	0.011492	0.003283
	0.031509	0.015198	-0.008312	0.006372	-0.028888	0.004397
	-0.014523	0.017363	0.038216	-0.030309	-0.050809	0.052680
	0.007923					

x247	0.002192	-0.066946	-0.044242	-0.018948	0.026752	0.010462
	0.048741	-0.019858	0.036009	0.107870	0.031222	-0.015751
	-0.012030	0.023352	-0.034820	0.077593	0.054542	-0.024400
	0.116022	-0.009780	0.025638	-0.029084	-0.088612	0.010288
	0.018079	-0.011989	-0.012798	-0.032452	0.017930	-0.010124
	-0.021859					
y247	0.020806	0.032294	0.063259	0.003026	0.055650	-0.046724
	0.007585	-0.023883	-0.017128	-0.021909	-0.024100	0.014110
	0.015860	-0.069103	-0.002715	-0.040340	-0.033513	-0.042982
	0.013717	-0.029207	-0.003194	-0.030624	0.020293	0.033579
	0.031234	-0.021761	0.006666	-0.031695	-0.001285	-0.017659
	-0.014490					
z247	-0.035170	-0.063958	0.035980	0.040643	0.030022	0.011169
	0.049703	0.000165	0.053377	-0.023316	-0.024574	0.003454
	-0.053007	-0.010441	0.018016	0.043955	0.014180	0.005962
	0.057852	0.031080	-0.013209	0.005931	-0.034706	0.003791
	-0.020264	0.003895	0.060724	-0.019056	-0.044300	0.064375
	-0.013897					
x248	0.005737	-0.053220	-0.041906	-0.021657	0.024561	0.014338
	0.047783	-0.040196	0.021025	0.104438	0.031203	-0.012447
	-0.002043	0.013256	-0.034149	0.069493	0.040688	-0.036962
	0.082791	-0.013565	0.029074	-0.041421	-0.077922	0.014816
	0.018739	-0.015889	0.004522	-0.051903	0.001478	-0.014361
	-0.016058					
y248	0.021552	0.037018	0.067671	-0.003572	0.051901	-0.044725
	0.008048	-0.021379	-0.013658	-0.045216	-0.014684	0.018659
	0.011812	-0.067343	0.006478	-0.030808	-0.034996	-0.046980
	0.006799	-0.030357	-0.009161	-0.017743	0.018914	0.018972
	0.038937	-0.010006	0.001897	-0.037137	-0.001074	-0.018056
	-0.018383					
z248	-0.030860	-0.070937	0.035944	0.039793	0.034231	0.010869
	0.044153	-0.007362	0.051979	-0.015692	-0.037469	0.003531
	-0.047900	-0.000139	0.010030	0.050606	0.015944	0.000947
	0.042324	0.036969	-0.014335	-0.005424	-0.022724	-0.002580
	-0.021421	-0.003443	0.066884	-0.003150	-0.030712	0.061821
	0.002372					
x249	0.007814	-0.037555	-0.041074	-0.024682	0.020034	0.015849
	0.042083	-0.054969	0.007869	0.101045	0.031945	-0.007465
	0.003845	0.009599	-0.032887	0.062449	0.031453	-0.051080
	0.045055	-0.009585	0.033766	-0.050474	-0.068086	0.007441
	0.013727	-0.014336	0.023327	-0.061530	-0.014640	-0.009954
	0.001042					

y249	0.021517	0.038086	0.070887	-0.013421	0.045006	-0.040189
	0.004148	-0.019826	-0.005933	-0.060733	-0.010757	0.029787
	0.010489	-0.060888	0.013291	-0.025052	-0.035478	-0.052968
	-0.011799	-0.025965	-0.007196	-0.010873	0.013784	0.005917
	0.050049	-0.002485	-0.001922	-0.037014	0.000091	-0.013538
	-0.008064					
z249	-0.024343	-0.076864	0.038480	0.043702	0.041187	0.010230
	0.049167	-0.015897	0.046186	-0.016303	-0.047184	-0.001211
	-0.040196	0.002462	0.005875	0.053757	0.011992	0.001227
	0.038540	0.033903	-0.020936	-0.009942	-0.021273	0.012776
	-0.017081	-0.022379	0.059493	-0.000036	-0.027017	0.051697
	0.006796					
x250	0.010403	-0.021215	-0.041289	-0.023494	0.015807	0.017976
	0.041317	-0.063151	0.001125	0.094955	0.036904	-0.001048
	0.008252	0.004208	-0.028614	0.061506	0.017013	-0.062568
	0.021957	-0.002718	0.033045	-0.057257	-0.077498	0.020979
	0.001979	-0.020843	0.032063	-0.070650	-0.023876	-0.017913
	0.009440					
y250	0.021108	0.038019	0.072609	-0.019797	0.039967	-0.035592
	0.001405	-0.019905	0.004141	-0.072130	-0.000526	0.035085
	0.007586	-0.059073	0.019282	-0.012885	-0.035267	-0.058525
	-0.021171	-0.022574	-0.008746	-0.000139	0.010395	-0.000557
	0.048025	0.006843	-0.008454	-0.030296	-0.001273	-0.012533
	-0.001366					
z250	-0.019269	-0.079618	0.040649	0.045370	0.045266	0.010414
	0.044436	-0.021802	0.029563	-0.014673	-0.061072	-0.006314
	-0.033963	0.009121	-0.001601	0.045168	0.014048	0.000723
	0.020671	0.032120	-0.022205	-0.008188	-0.004788	-0.002644
	-0.007307	-0.029473	0.061319	0.014011	-0.012074	0.051458
	0.015022					
x251	0.013556	-0.005577	-0.038818	-0.022955	0.013556	0.020757
	0.038230	-0.068911	-0.009364	0.085001	0.039247	0.003286
	0.006378	0.010753	-0.030953	0.054473	0.004827	-0.057877
	0.001844	-0.005224	0.032565	-0.060860	-0.081678	0.024167
	-0.010630	-0.027875	0.025800	-0.072850	-0.027206	-0.019530
	0.035874					
y251	0.019365	0.038319	0.074189	-0.023434	0.035108	-0.036935
	0.000916	-0.023601	0.001698	-0.083725	0.011606	0.036738
	0.001676	-0.054184	0.012590	-0.007541	-0.038235	-0.049425
	-0.023323	-0.020087	-0.023490	-0.006160	0.005919	-0.024254
	0.042833	0.010081	-0.022040	-0.032588	0.015692	-0.034536
	0.019536					

z251	-0.014729	-0.080410	0.041465	0.049369	0.047009	0.010366
	0.044642	-0.019887	0.022101	-0.008092	-0.071445	-0.010313
	-0.028126	0.001756	0.002116	0.038846	0.011818	-0.015207
	-0.000230	0.037949	-0.019621	0.000139	-0.007322	-0.003328
	0.008166	-0.020239	0.072228	0.024158	-0.009372	0.050515
	-0.004258					
x252	0.014284	0.011283	-0.037820	-0.021631	0.012577	0.022304
	0.039041	-0.065045	-0.019692	0.074664	0.045457	0.008172
	-0.001322	0.018901	-0.022647	0.039946	-0.001983	-0.063275
	-0.013570	-0.007845	0.044850	-0.038807	-0.083414	0.020966
	-0.010094	-0.029654	0.024681	-0.069290	-0.030465	-0.005235
	0.046779					
y252	0.016612	0.036086	0.077551	-0.034068	0.028140	-0.030561
	-0.001186	-0.018838	0.012942	-0.082965	0.010361	0.040981
	-0.005016	-0.061325	0.019172	-0.005921	-0.035215	-0.048326
	-0.032571	-0.016938	-0.003861	0.000479	-0.008777	-0.021609
	0.050425	0.013127	-0.013804	-0.014398	0.021571	-0.008354
	0.001892					
z252	-0.009436	-0.076831	0.042638	0.055863	0.049398	0.007639
	0.043494	-0.024790	0.004555	-0.011823	-0.076738	-0.014934
	-0.017518	-0.002118	-0.013209	0.040342	0.008224	-0.012046
	-0.009480	0.046103	-0.032058	-0.017117	-0.015059	-0.008182
	0.012580	-0.028377	0.058986	0.032610	0.005109	0.008277
	0.005979					
x253	0.015640	0.027101	-0.036503	-0.017720	0.011428	0.022351
	0.033752	-0.060764	-0.030357	0.061306	0.047235	0.011470
	-0.007733	0.024062	-0.015605	0.027122	-0.008340	-0.071241
	-0.024628	-0.014869	0.039753	-0.028764	-0.092206	0.016237
	0.009159	-0.011948	0.012475	-0.068475	-0.015349	-0.010726
	0.045899					
y253	0.013835	0.032646	0.077614	-0.040615	0.019378	-0.029900
	-0.005885	-0.022745	0.015641	-0.084703	0.010772	0.040260
	-0.006811	-0.061396	0.016719	-0.002617	-0.033490	-0.055294
	-0.043151	-0.012737	-0.014462	-0.011579	-0.023381	-0.018307
	0.057855	0.012190	-0.008576	-0.005994	0.049072	-0.011088
	-0.017548					
z253	-0.003813	-0.070256	0.044050	0.061187	0.051430	0.008905
	0.048970	-0.020659	-0.009435	-0.008617	-0.077450	-0.015933
	-0.015528	-0.002706	-0.023865	0.034293	0.003694	-0.001481
	-0.020384	0.058155	-0.024849	-0.009444	-0.025780	-0.013290
	-0.000687	-0.051642	0.044725	0.045841	-0.009468	-0.000502
	0.031819					

x254	0.016780	0.040124	-0.033887	-0.011199	0.008867	0.023114
	0.028407	-0.054826	-0.033428	0.045722	0.053807	0.016725
	-0.014913	0.022161	-0.010720	0.015673	-0.021670	-0.058692
	-0.039758	-0.009883	0.036745	-0.017417	-0.100580	0.020189
	0.007374	-0.003509	-0.008220	-0.069624	-0.024682	-0.000050
	0.083061					
y254	0.012075	0.024040	0.072728	-0.044373	0.012507	-0.021198
	-0.015227	-0.032157	0.028746	-0.063806	0.022748	0.046422
	-0.008733	-0.082916	0.000402	-0.001845	-0.039508	-0.042351
	-0.052419	-0.001044	-0.018630	-0.009649	-0.015153	-0.011551
	0.066326	0.040843	-0.012972	0.007968	0.043789	0.019949
	0.020102					
z254	-0.000775	-0.058751	0.048918	0.068794	0.050676	0.006447
	0.054501	-0.002470	-0.036462	-0.019900	-0.090991	-0.024645
	-0.016879	0.018451	-0.021199	0.020982	0.010582	-0.026873
	-0.024050	0.064014	-0.023255	-0.005293	-0.050020	-0.028295
	-0.013144	-0.065299	0.037173	0.055751	0.032283	-0.030728
	-0.027935					
x255	0.015439	0.054103	-0.032709	-0.005513	0.007295	0.023723
	0.025562	-0.043103	-0.039996	0.023423	0.053083	0.015354
	-0.020529	0.028621	0.000119	0.000711	-0.027903	-0.046324
	-0.054188	-0.007651	0.028076	-0.006493	-0.111235	0.032819
	0.004467	0.003821	-0.033112	-0.059721	0.000271	0.001753
	0.107349					
y255	0.004723	0.016044	0.070142	-0.045225	0.004593	-0.024097
	-0.018666	-0.039047	0.022729	-0.068516	0.022253	0.039829
	-0.005669	-0.083460	-0.002299	-0.006010	-0.040917	-0.051171
	-0.061951	0.008334	-0.045371	-0.026833	-0.015122	0.001924
	0.053393	0.038719	-0.015748	0.011621	0.091217	0.028347
	-0.007382					
z255	0.006767	-0.045297	0.050605	0.078052	0.051618	0.008174
	0.058685	0.013444	-0.054090	-0.012339	-0.088361	-0.019564
	-0.021709	0.017642	-0.032949	0.007994	0.005342	-0.033987
	-0.023100	0.074688	-0.007559	0.016496	-0.074442	-0.052078
	-0.001641	-0.059000	0.020080	0.064169	0.014465	-0.044603
	-0.038000					
x256	0.014884	0.068302	-0.031370	0.001066	0.006566	0.024703
	0.026003	-0.025222	-0.041633	-0.004819	0.049904	0.015448
	-0.015946	0.032072	0.015097	-0.011669	-0.015017	-0.032500
	-0.049628	-0.006666	0.030573	0.011270	-0.118604	0.023889
	0.004088	0.013663	-0.065774	-0.056390	0.026550	0.010398
	0.122907					

y256	-0.001549	0.006576	0.068123	-0.049277	-0.006319	-0.023621
	-0.022838	-0.046579	0.025472	-0.067964	0.012217	0.030501
	0.004225	-0.092673	-0.001132	-0.014171	-0.034578	-0.065874
	-0.069098	0.022030	-0.059898	-0.045094	-0.024978	0.008257
	0.036941	0.030633	-0.005904	0.007877	0.145769	0.044173
	-0.042722					
z256	0.014594	-0.025939	0.052178	0.091642	0.053968	0.008175
	0.059760	0.023894	-0.080998	0.004937	-0.067509	-0.014065
	-0.044937	0.017398	-0.058955	-0.010719	-0.012670	-0.022157
	-0.030565	0.082796	-0.003947	0.044495	-0.101776	-0.062511
	0.011376	-0.051318	-0.002866	0.094936	-0.012775	-0.087757
	-0.003150					

Canonical Variate Analysis: CVA ...RawData_Canals

Dataset: RawData_Canals

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.78905346	54.894	54.894
2.	1.59663810	31.425	86.319
3.	0.69511754	13.681	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.4598		
marine	2.6000	3.8902	
polar	4.9570	6.0398	4.1222

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	<.0001		
marine	0.0474	0.0008	
polar	0.0131	0.0198	0.6599

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0776		
marine	0.0605	0.1039	
polar	0.1155	0.1557	0.1065

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0179		
marine	0.2974	0.0032	
polar	0.1629	0.0406	0.3112

Canonical coefficients:

	CV1	CV2	CV3
x1	-3.2315	-0.5836	-4.9999
y1	-5.9590	0.6104	0.6250
z1	-8.8443	-4.6506	-1.5391
x2	6.5611	-4.8894	-3.3384
y2	7.0210	2.3575	-0.5138
z2	4.1364	-8.6212	-8.4083
x3	5.7769	-1.5213	-0.9106
y3	5.0514	3.4555	0.3493
z3	2.0482	-7.8503	-8.7280
x4	4.6883	1.0584	1.5781
y4	3.3993	4.3902	0.4347
z4	-0.1768	-6.3400	-7.5255
x5	4.7419	1.4257	2.2470
y5	2.0925	5.4033	0.4819
z5	-1.6949	-5.6427	-6.6494
x6	4.7342	2.2855	2.4688
y6	0.8475	5.6713	0.8677
z6	-2.7356	-4.3413	-5.9260
x7	4.9811	2.3854	2.1003
y7	0.1031	6.2323	1.5321
z7	-3.4706	-3.1167	-5.1235
x8	5.9314	1.9958	2.0780
y8	0.8532	5.5341	1.7255
z8	-2.5948	-2.1980	-3.0418

x9	7.3355	0.6929	1.3077
y9	2.2540	5.0375	2.1068
z9	-0.6002	-1.9720	-1.0438
x10	7.8244	-0.8504	0.1332
y10	3.6467	4.9218	2.6793
z10	-0.8523	-1.1472	0.7974
x11	8.3349	-3.5401	-2.5463
y11	5.7626	3.4859	3.0582
z11	-1.6458	-1.7130	1.0819
x12	5.7600	-4.6209	-1.9372
y12	4.4321	1.7538	1.4721
z12	0.2090	-2.1558	1.2828
x13	3.5457	-4.6536	-1.4771
y13	3.8413	0.8455	1.2428
z13	2.6083	-1.1787	0.4049
x14	1.8739	-4.9236	-1.2346
y14	2.2361	0.3849	1.5641
z14	4.6779	-2.7620	-0.7026
x15	0.1085	-5.3346	-1.2887
y15	0.5754	0.0257	1.9983
z15	3.8453	-3.1418	-0.0311
x16	-2.3056	-4.2878	-1.3506
y16	-0.0710	-0.3204	2.0415
z16	4.4991	-3.2405	0.2100
x17	-3.5865	-3.4724	-1.5092
y17	-0.8529	-0.1514	3.2403
z17	4.0436	-3.4003	-1.8061
x18	-4.8512	-2.1386	-1.6108

y18	-1.6353	0.4033	4.8066
z18	3.3492	-4.1682	-2.4659
x19	-6.4846	-0.5059	-2.8985
y19	-2.0144	2.0057	5.7507
z19	5.1585	-2.5826	-3.5349
x20	-7.4261	1.5571	-3.8943
y20	-1.8051	3.4678	7.1859
z20	4.1811	-0.9072	-4.5195
x21	-5.1069	-0.4659	-1.6809
y21	0.9609	1.2734	6.3240
z21	3.2103	0.2734	-3.0663
x22	-4.9368	-0.9162	-0.7744
y22	2.5837	1.3659	6.1624
z22	3.1008	-1.0929	-1.4162
x23	-4.7531	-0.2172	-0.0374
y23	3.9201	2.0772	5.2877
z23	2.7235	-1.8201	0.7692
x24	-3.6776	-1.0465	-1.2131
y24	5.4733	1.6901	3.7943
z24	1.9173	-1.6039	2.3101
x25	-1.7337	-2.1820	-1.7304
y25	7.0636	0.2719	2.8664
z25	2.1473	-2.6401	2.2007
x26	-1.8840	-2.7050	-2.1207
y26	5.8884	-0.3205	2.2714
z26	2.0248	-3.5299	2.3387
x27	-5.2402	0.6931	-2.1621
y27	2.1596	2.3906	2.5312

z27	1.9711	-4.7524	2.0833
x28	-6.7989	1.9498	-3.9785
y28	-0.9569	4.0601	0.8566
z28	2.1851	-6.1529	1.0826
x29	-2.2141	1.7905	-5.6003
y29	2.9061	3.0203	-0.5130
z29	4.6049	-8.8589	-0.4448
x30	1.0339	1.4915	-6.2166
y30	5.5379	0.4892	-2.8770
z30	2.6977	-6.8364	-1.6591
x31	1.8612	5.1988	-6.6319
y31	3.5157	2.7648	-2.3985
z31	-2.6601	-1.5524	-1.9541
x32	4.3788	6.0248	-6.3756
y32	3.4879	3.5157	-1.5970
z32	-3.5748	2.3513	-1.8158
x33	6.0747	5.1706	-5.7650
y33	3.3419	4.9993	-0.7866
z33	-2.9997	4.0482	-0.1321
x34	6.2409	3.8587	-4.9937
y34	1.9943	5.8639	-1.1548
z34	-3.6928	5.8668	-0.3979
x35	5.8732	1.2948	-4.3493
y35	0.1444	7.2999	-0.9163
z35	-6.1807	8.3257	0.1791
x36	5.4880	-1.3393	-2.9819
y36	-2.6636	7.5563	-0.8393
z36	-8.8848	8.9798	0.3138

x37	2.2640	-1.5320	0.0777
y37	-4.8469	7.0565	-0.5442
z37	-7.4383	6.9503	0.7814
x38	-3.7617	-3.6142	0.4419
y38	-7.5490	6.7626	1.3193
z38	-4.8584	5.6674	3.7948
x39	-5.5371	-2.4024	0.1059
y39	-7.5643	6.7299	0.2660
z39	-2.4787	6.6450	4.3604
x40	-6.7999	-2.0532	-0.0801
y40	-7.4232	6.7920	-0.8678
z40	-0.2262	6.9211	4.0581
x41	-7.2458	-0.5797	-0.0992
y41	-7.0172	6.1483	-1.8516
z41	1.3959	6.0306	3.2030
x42	-5.6820	-0.5384	-0.4976
y42	-6.4859	5.7014	-2.5712
z42	2.2047	5.0850	2.3148
x43	-4.0991	-1.1886	-1.6032
y43	-5.3198	5.0660	-2.9442
z43	2.9037	3.8358	1.4897
x44	-2.0773	-2.9217	-2.7132
y44	-3.3551	4.7625	-2.9231
z44	3.5024	1.9065	0.0782
x45	1.4172	-4.9957	-4.1036
y45	-0.4588	4.5926	-1.7276
z45	3.9542	-1.5448	-2.7340
x46	4.8145	-6.7475	-5.7289

y46	3.0389	3.9916	-0.7871
z46	4.8212	-6.0243	-6.3067
x47	2.9390	2.8410	2.7280
y47	-4.6623	1.6094	-5.7147
z47	1.1565	3.6878	-7.1376
x48	1.3799	2.1349	2.4447
y48	-3.8369	2.6737	-4.8070
z48	1.1417	3.6243	-5.1507
x49	1.3919	0.5891	1.1461
y49	-1.8556	2.2119	-5.0969
z49	1.5577	3.1477	-3.7327
x50	0.4594	0.3156	0.7633
y50	-1.3860	1.6749	-4.7611
z50	1.1352	2.3915	-2.5608
x51	-0.3144	0.2030	0.2492
y51	-1.1913	2.3396	-4.6015
z51	0.3448	2.1046	-1.6529
x52	-0.8883	0.6163	0.4097
y52	-1.8236	2.6970	-4.3142
z52	-0.7445	2.1982	-0.3198
x53	-0.7762	0.8723	0.2928
y53	-2.1873	3.0129	-4.5667
z53	-1.9201	1.8185	0.0054
x54	0.6625	1.0456	0.2045
y54	-1.6762	2.9535	-5.0611
z54	-2.7265	1.5718	0.8679
x55	2.5187	2.0800	0.7529
y55	-0.0498	1.4786	-5.3552

z55	-2.9985	-0.0648	0.6699
x56	5.6844	1.7870	0.9432
y56	-0.5158	2.3625	-5.7862
z56	-5.1124	0.3567	1.3661
x57	6.6361	1.4485	1.8808
y57	0.8997	0.9812	-4.8950
z57	-3.6893	-0.1290	2.4592
x58	7.3573	1.1819	2.4227
y58	2.0349	0.7185	-4.2286
z58	-2.4786	-0.4955	2.9953
x59	8.2832	0.5513	2.4802
y59	2.4711	1.6394	-2.2710
z59	-1.6449	-0.3548	4.0357
x60	7.6972	0.3913	2.6316
y60	2.6761	0.3369	-2.0381
z60	-0.4561	-1.6340	3.8129
x61	6.8921	0.2797	2.2792
y61	3.7618	0.1402	-1.7152
z61	0.6152	-2.0861	3.6156
x62	6.6112	-0.6018	1.3772
y62	3.7252	0.5729	-1.1742
z62	0.6850	-1.6536	3.5265
x63	4.8918	0.1060	0.2663
y63	3.3747	-0.8734	-1.0356
z63	1.8825	-3.0083	3.2460
x64	2.5111	0.1788	-1.1314
y64	3.8960	-1.1426	-0.2130
z64	3.8723	-3.8594	3.1287

x65	1.3408	-1.0608	-3.2115
y65	1.3954	0.1242	0.2663
z65	3.8817	-3.2139	2.7468
x66	0.4249	1.4691	-2.0980
y66	-0.2923	0.6934	0.8484
z66	2.5833	-2.8081	3.4715
x67	0.2004	2.8874	-0.7701
y67	-1.6337	2.2062	0.4592
z67	1.3736	-1.3710	3.1140
x68	-0.7848	4.3153	0.2869
y68	-1.5756	2.4924	-0.1256
z68	0.9704	-0.9053	2.8169
x69	-1.6892	5.2681	1.1497
y69	-0.9702	2.2933	-0.7588
z69	0.9225	-0.5420	2.6305
x70	-2.7049	6.0394	2.0202
y70	0.6930	1.0358	-1.8611
z70	1.3738	-0.8619	1.6405
x71	-3.7104	5.9796	1.8837
y71	1.7834	0.5238	-1.6602
z71	2.0922	-0.8713	1.4529
x72	-3.7744	4.4500	1.6260
y72	2.3947	0.0525	-2.4106
z72	1.9429	0.0865	1.0841
x73	-3.4745	2.8870	0.8091
y73	1.9223	0.1582	-1.6886
z73	1.4584	0.4270	1.0400
x74	-2.2354	0.5309	-0.3045

y74	1.2815	-0.1476	-1.6209
z74	0.2875	1.2194	1.0477
x75	-0.7358	-1.2610	-0.8345
y75	-0.4791	-0.6794	-1.7548
z75	1.3717	0.4502	1.0381
x76	0.4508	-2.5109	-2.0284
y76	-2.4799	-0.6623	-0.7514
z76	2.0861	-0.4808	1.0462
x77	1.6021	-2.9683	-2.1740
y77	-4.0712	-1.1744	-0.8297
z77	1.8602	-0.8280	0.9838
x78	1.2139	-2.0671	-1.9109
y78	-4.6700	-2.6420	-1.3085
z78	1.8921	-1.3366	0.9842
x79	0.6287	-1.7753	-1.9565
y79	-5.0490	-3.2314	-0.9886
z79	1.3770	-1.2856	0.6390
x80	0.0353	-1.4758	-2.0548
y80	-5.4293	-3.3930	-0.7338
z80	-0.0608	-0.3036	0.9266
x81	-0.8221	0.1681	-1.5511
y81	-5.5955	-4.9703	-0.8726
z81	-1.6059	0.2533	0.8260
x82	-1.3581	0.0518	-1.1728
y82	-5.8380	-4.6194	-0.8131
z82	-3.9321	1.2610	0.4888
x83	-2.9910	0.8282	-0.5726
y83	-5.8279	-4.4752	-0.8139

z83	-6.7142	3.3496	0.2280
x84	-4.5138	-6.2691	-2.2294
y84	3.2047	-5.3699	-0.6470
z84	-2.1228	-4.6105	-5.5126
x85	-3.6743	-4.0605	-0.7934
y85	0.9936	-6.3185	-0.7979
z85	-1.4504	-3.6872	-5.7424
x86	-3.2696	-3.4413	-0.4487
y86	-0.7478	-6.0941	-0.1971
z86	-0.5909	-2.3288	-5.6761
x87	-2.7096	-4.4499	-0.6351
y87	-1.2876	-3.9106	1.1147
z87	0.6304	-2.2528	-6.0155
x88	-3.1614	-3.4748	0.0419
y88	0.2157	-3.8287	1.8006
z88	0.9050	-1.2600	-5.7613
x89	-3.4102	-3.5309	0.1927
y89	0.5086	-1.8646	3.1297
z89	0.9400	-0.5670	-5.1441
x90	-3.0682	-3.5431	0.0083
y90	0.0151	0.2277	4.5064
z90	2.0881	-0.3482	-5.4791
x91	-2.6240	-1.9952	1.7904
y91	-0.4344	-0.6897	2.8282
z91	2.1388	-0.0555	-5.1277
x92	-3.1396	-1.7684	1.9668
y92	1.3705	-0.2979	2.4018
z92	1.9067	0.9433	-4.3336

x93	-2.6505	-0.6969	2.3064
y93	2.1938	-0.4542	1.4563
z93	2.0049	1.8219	-3.7511
x94	-2.7873	-0.4484	1.9227
y94	2.7095	-0.7604	1.7702
z94	1.5900	1.6904	-4.3426
x95	-2.3263	-0.8852	1.7602
y95	2.6596	-0.8238	1.5860
z95	1.5206	0.8381	-3.9877
x96	-1.8091	-0.1536	1.6279
y96	2.1036	-1.8884	1.4472
z96	1.7561	2.0527	-3.4097
x97	-1.7068	0.5524	1.5556
y97	2.1464	-2.3706	1.5773
z97	0.6833	2.6337	-3.1647
x98	-1.1335	0.4671	0.6567
y98	1.9651	-3.1325	1.8173
z98	-0.5154	2.7440	-3.3017
x99	0.0381	0.7600	0.0166
y99	0.9384	-3.5224	2.1112
z99	-0.7319	3.3894	-3.0576
x100	0.8369	1.4841	-0.2956
y100	-0.3362	-3.6916	2.4597
z100	-2.0383	5.0099	-2.0683
x101	1.9680	1.2372	-1.0932
y101	-1.8063	-4.0022	2.8737
z101	-3.2449	4.3646	-2.0486
x102	3.8148	1.0381	-2.0404

y102	-3.6170	-4.2931	3.4888
z102	-3.2509	4.1548	-1.7112
x103	4.4519	0.4085	-2.9576
y103	-2.5882	-4.5044	2.6123
z103	-3.7315	3.9922	-1.5572
x104	4.8450	-0.0227	-3.6369
y104	-1.4529	-4.5465	1.6289
z104	-2.8706	4.4748	-1.4274
x105	4.3748	-0.4775	-3.9908
y105	-1.0215	-4.3398	0.9630
z105	-3.4117	4.5483	-0.4395
x106	3.4846	-1.3942	-3.6008
y106	-1.5277	-4.3164	0.5250
z106	-4.4184	4.0305	1.2236
x107	3.0264	-2.1121	-4.0237
y107	-2.4165	-3.2348	0.5209
z107	-4.2782	4.6831	2.6810
x108	3.6085	-2.9930	-4.8165
y108	-2.2938	-2.7058	-0.1740
z108	-2.5903	4.8664	3.6747
x109	3.1615	-3.4946	-5.3775
y109	-3.1574	-2.4150	-2.1511
z109	-2.5869	5.6589	4.4138
x110	1.5422	-3.1085	-3.9481
y110	-6.0161	-0.1722	-0.7757
z110	-2.1991	6.5515	6.5452
x111	0.9250	-3.3586	-3.3454
y111	-7.1400	0.8455	-0.8056

z111	-1.1340	7.1026	7.9003
x112	0.5221	-3.3433	-2.8525
y112	-8.4174	2.9391	-0.2336
z112	0.8852	5.6387	5.6715
x113	1.0619	-4.3957	-3.2171
y113	-7.5270	1.4744	-1.2642
z113	2.8360	5.1319	4.1382
x114	-0.1303	-4.5858	-5.5688
y114	-7.7125	2.1055	-2.9885
z114	4.3397	3.7428	3.2009
x115	-0.6416	-4.9920	-6.1306
y115	-6.7189	1.7021	-3.1580
z115	5.3794	2.7907	2.6475
x116	-0.0249	-3.4121	-3.3694
y116	-5.0068	2.5390	-2.5478
z116	5.9381	0.9608	0.9646
x117	-1.8224	-2.8724	-4.6739
y117	-3.2731	3.1047	-2.0881
z117	6.8753	-0.1799	1.9149
x118	-1.8596	-1.7300	-3.2067
y118	-0.7033	3.3755	-0.9728
z118	5.5785	-1.2864	1.9494
x119	-2.8897	-1.5542	-0.8999
y119	2.2069	4.8788	0.7113
z119	3.4276	-1.6863	0.4381
x120	-4.9969	1.2222	1.0150
y120	7.5343	4.0636	0.9971
z120	2.3909	-4.3462	-0.8881

x121	-1.5530	2.1545	1.6558
y121	8.1170	2.8946	0.8288
z121	3.4628	-6.5424	-1.8661
x122	0.4662	2.9580	3.4599
y122	8.7138	1.3802	-0.3667
z122	4.4540	-7.8942	-3.4118
x123	1.0336	2.8167	4.2811
y123	9.9253	0.0278	-1.2692
z123	5.7528	-8.5165	-4.7457
x124	2.2305	2.5824	4.4705
y124	9.6827	-1.5842	-1.8497
z124	5.5088	-9.2293	-5.4897
x125	1.7680	2.2880	3.9803
y125	10.0118	-3.1053	-2.0135
z125	5.8231	-9.8739	-5.8968
x126	0.0723	2.2742	3.2200
y126	10.4161	-5.5707	-2.3819
z126	5.8959	-10.9799	-6.6347
x127	-1.4718	0.3155	2.1693
y127	9.3115	-6.1180	-2.2211
z127	4.0078	-9.8545	-6.8407
x128	-2.0149	-3.9729	-0.1063
y128	5.2616	-3.8064	-0.4454
z128	-0.0614	-6.2805	-5.5860
x129	-6.0789	3.4297	2.4717
y129	2.8428	0.9994	-2.2165
z129	-10.8558	0.4419	1.4354
x130	-4.9970	2.8633	2.0779

y130	-0.7504	2.0544	-3.6150
z130	-7.0274	-0.2424	-0.2476
x131	-4.4762	3.3152	3.2572
y131	-5.2976	5.3737	-3.3931
z131	-2.8065	-1.7501	-1.4333
x132	-4.0079	2.5971	3.8452
y132	-6.4006	3.0690	-3.9649
z132	-2.7515	1.4111	-1.5798
x133	-1.7349	1.9608	5.1568
y133	-4.3952	1.0457	-2.8101
z133	-2.9100	3.6699	-1.7353
x134	-0.2915	1.3890	5.4828
y134	-5.9367	1.4375	-2.3934
z134	-1.6890	3.4626	-1.8797
x135	0.8066	0.6654	5.0637
y135	-7.6424	3.0990	-1.5081
z135	0.1146	2.7543	-1.2593
x136	2.2738	-0.1870	4.9339
y136	-6.6026	2.8376	-1.3436
z136	0.7915	1.9980	-0.5344
x137	3.5273	-0.9272	5.3909
y137	-6.1307	3.0460	0.4100
z137	0.9687	0.9177	-0.0920
x138	4.6426	-1.6787	5.8185
y138	-5.1867	3.2458	2.6151
z138	0.9640	-0.8939	0.3802
x139	4.0748	-2.3818	4.4805
y139	-5.0638	4.4765	3.6679

z139	-0.5133	-2.0753	-0.7815
x140	3.4881	-3.4093	3.5792
y140	-5.3524	3.8555	3.7683
z140	-0.9674	-2.5065	-1.6134
x141	2.6224	-1.9523	3.1056
y141	-5.1026	5.8574	4.1184
z141	-1.4188	-5.4604	-3.0807
x142	2.0508	-1.5074	2.2253
y142	-4.7294	5.8532	3.2817
z142	-1.7512	-5.8124	-2.2452
x143	2.1814	-1.8077	1.9923
y143	-3.2862	4.6482	3.1064
z143	-3.3308	-3.8547	-1.3571
x144	2.0706	-1.2340	1.6699
y144	-3.5317	4.6042	2.4626
z144	-3.4301	-2.6533	-0.3735
x145	1.2513	0.2410	2.5100
y145	-4.1001	5.5717	2.9564
z145	-3.0727	-3.0881	-1.6880
x146	0.9184	1.7136	1.9547
y146	-4.8639	6.4210	2.6435
z146	-2.1198	-1.9298	0.3002
x147	1.3353	3.3811	2.3299
y147	-4.8787	6.8195	2.4086
z147	-2.7110	-1.4053	0.6551
x148	0.7458	3.9770	2.1696
y148	-4.0028	5.3427	1.9499
z148	-3.1774	-0.4583	0.7363

x149	0.2645	4.5960	1.8106
y149	-2.9842	4.2263	1.8418
z149	-3.3570	-0.5689	0.0415
x150	-0.0721	5.1885	1.7525
y150	-2.1932	3.5143	1.7450
z150	-3.3318	-0.2605	-0.1261
x151	-0.1197	5.7748	1.3626
y151	-1.5991	2.8880	1.4480
z151	-3.4512	-0.9630	-1.1159
x152	-0.2819	6.2223	1.1079
y152	-0.8986	3.1006	1.7194
z152	-3.3479	-0.9998	-1.1727
x153	-0.7075	7.7765	0.9591
y153	-0.5141	3.4689	1.8212
z153	-2.4655	-2.6224	-1.2135
x154	-1.2767	8.8752	0.8508
y154	-0.8185	4.3546	2.2343
z154	-1.5496	-3.8856	-1.5473
x155	-0.7122	8.4891	0.4208
y155	-0.7424	5.5414	2.3941
z155	-1.6021	-3.6634	-1.7474
x156	-0.5909	10.3966	1.8548
y156	-1.2162	4.3652	-2.8459
z156	-0.6543	-4.9114	-1.2163
x157	0.1484	7.7669	1.1738
y157	-0.5529	1.5793	-1.9625
z157	-0.9530	-1.1091	0.9916
x158	1.2416	6.3379	2.1468

y158	-0.2477	-1.3859	-2.5074
z158	-1.4161	0.7947	1.0127
x159	1.7233	4.5573	1.1646
y159	0.3312	-3.1471	-1.6900
z159	-1.7236	2.8202	3.1707
x160	1.3074	4.6934	0.7964
y160	-0.0098	-4.7741	-1.7028
z160	-2.2389	3.3771	3.7802
x161	1.5148	3.8974	0.1166
y161	-0.7561	-5.8706	-1.1950
z161	-3.1493	3.9951	4.0560
x162	2.7776	3.5117	-1.4466
y162	-1.9811	-7.2908	-1.2776
z162	-3.6311	3.2842	3.1685
x163	1.2054	3.4734	-2.0042
y163	-3.1681	-6.7074	0.0573
z163	-4.3408	3.8831	2.8111
x164	-0.6874	2.8733	-0.7568
y164	-4.8032	-6.3252	-0.2875
z164	-5.7427	4.1476	1.7594
x165	-2.9910	0.8282	-0.5726
y165	-5.8279	-4.4752	-0.8139
z165	-6.7142	3.3496	0.2280
x166	2.1889	-1.5650	-2.6283
y166	0.3464	-7.3129	-3.2580
z166	-4.2231	-1.8505	0.4341
x167	3.3598	-0.2791	-1.8330
y167	1.5500	-6.7717	-2.7291

z167	-4.0760	-1.0977	-0.1242
x168	2.4766	1.0947	-0.8486
y168	2.6991	-6.1685	-3.1683
z168	-2.9357	-0.0788	0.1435
x169	1.3082	1.5792	-0.3525
y169	3.9971	-5.8038	-3.5681
z169	-1.7014	1.0381	0.5406
x170	1.1895	2.2540	-0.3586
y170	4.3190	-5.7324	-4.0534
z170	-1.0773	1.1915	-0.0528
x171	1.9973	1.2704	-0.9673
y171	3.6835	-4.4491	-3.4984
z171	-0.3177	1.6567	-0.0488
x172	1.9605	1.7802	-0.8524
y172	3.3919	-4.3119	-3.0422
z172	0.2408	1.8890	-0.3175
x173	0.7405	2.0234	-0.3672
y173	3.5078	-4.6803	-3.5088
z173	0.5439	2.7331	-0.4491
x174	-0.0488	1.0268	-0.4111
y174	3.4513	-4.6653	-3.2136
z174	0.9504	3.3175	-0.3630
x175	0.4910	-0.7992	-0.2209
y175	0.9363	-2.6967	-2.9397
z175	2.4643	2.4777	-0.1921
x176	0.4754	-2.0211	-0.5333
y176	1.1132	-3.2055	-2.0306
z176	2.0321	1.9763	-0.5140

x177	0.4856	-2.9602	-0.2874
y177	0.7946	-3.3658	-1.0727
z177	1.7862	1.2986	-0.8242
x178	0.7110	-3.6364	0.9920
y178	0.0892	-3.1806	-0.9486
z178	1.6997	0.6332	-1.1606
x179	0.4278	-4.0838	2.3459
y179	0.0350	-2.9545	-0.6861
z179	1.4829	0.2474	-1.3884
x180	-0.7248	-4.5063	2.7373
y180	1.0442	-2.7613	0.2998
z180	1.1304	-0.0996	-1.8358
x181	-1.0657	-4.6059	4.6996
y181	0.4304	-1.9725	-0.0601
z181	0.9248	-0.2613	-1.5757
x182	-1.2418	-3.7470	6.8239
y182	-1.0026	-1.9581	-0.3392
z182	1.0232	-0.2935	-1.3898
x183	-1.9199	-2.8775	8.9137
y183	-1.7067	-1.6903	-0.4027
z183	0.8854	-0.0942	-1.0316
x184	-3.6068	-6.1963	0.7237
y184	-1.4066	-1.0382	-0.6939
z184	0.8683	-0.5082	-2.3416
x185	-2.4335	-4.8231	1.6609
y185	-1.0858	0.4865	0.0146
z185	0.6287	-0.3781	-0.7566
x186	-1.2971	-3.4104	2.4662

y186	-2.0554	1.9925	0.9636
z186	0.5690	-0.3744	0.8373
x187	-0.6874	-2.2664	2.9322
y187	-3.0981	3.0328	2.1916
z187	0.8140	-0.0001	2.3510
x188	-0.4837	-1.5275	2.7542
y188	-2.7897	2.0392	1.7385
z188	1.1135	-0.3657	2.0030
x189	-0.4841	-1.0411	1.9903
y189	-1.9155	1.9307	1.8494
z189	1.8352	-0.6372	1.4089
x190	-0.0278	-0.5394	1.3457
y190	0.3991	2.1836	2.7056
z190	2.4465	-0.3969	1.3600
x191	-1.6316	-0.7771	-0.9231
y191	-0.4414	2.0611	2.9878
z191	1.6293	-0.7120	-0.5643
x192	-2.6145	-0.6091	-1.8782
y192	0.4562	1.9928	5.3815
z192	1.5527	-0.3866	-1.0838
x193	-3.9661	-1.6350	-5.0792
y193	2.0818	0.4567	6.5267
z193	0.6650	-0.3465	-3.0457
x194	-1.6376	-1.4072	-2.9033
y194	2.7110	-0.9512	6.4772
z194	1.0283	1.9591	-0.0119
x195	-1.1932	-1.3159	-1.7645
y195	1.3367	-1.8123	5.4493

z195	0.9639	3.5782	1.5655
x196	0.2377	-1.1867	-1.6481
y196	1.1100	-3.0025	3.5536
z196	0.9302	4.8217	2.8008
x197	0.6648	-0.5325	-1.4926
y197	0.1892	-3.4255	2.6862
z197	0.9187	5.6961	3.6961
x198	0.9191	-1.0316	-1.3883
y198	-0.0636	-5.6004	1.4677
z198	0.0185	5.4463	3.2894
x199	1.4044	-0.6155	-1.7420
y199	-0.9583	-6.5787	0.2287
z199	-1.1987	4.6741	1.6867
x200	2.7116	-1.7831	-2.2905
y200	-1.1514	-8.6773	-0.6407
z200	-1.8437	1.5719	-1.1952
x201	3.3462	-0.1459	-3.7729
y201	-1.7220	-7.1349	-0.8396
z201	-1.8689	0.4548	-5.8512
x202	5.1069	2.1034	-2.7570
y202	-2.6111	-5.8913	-0.2743
z202	-2.0375	-1.2248	-8.0849
x203	3.4002	4.1884	0.9061
y203	-2.2963	-5.4907	2.8203
z203	-3.0777	3.0995	-3.3366
x204	0.1829	2.6127	1.4820
y204	-2.9815	-6.1896	4.1058
z204	-3.2843	6.7441	-0.2068

x205	-1.9226	0.1763	0.3543
y205	-3.2190	-6.1732	5.6803
z205	-4.7637	7.0858	-0.2783
x206	-2.2651	-0.8340	-0.0984
y206	-2.5178	-5.4768	6.7163
z206	-5.7381	4.5816	-1.7664
x207	-2.0552	-1.1762	-0.1448
y207	-2.3635	-5.2762	6.2240
z207	-5.4099	3.0993	-0.9758
x208	-1.0159	-0.6942	-0.1655
y208	-2.5853	-4.4897	5.0153
z208	-3.9809	1.0392	-0.0947
x209	-0.1299	-0.8709	-1.7253
y209	-3.6702	-4.6706	1.9528
z209	0.7035	1.8598	3.6730
x210	1.7549	-1.4941	-3.5336
y210	-4.5232	-5.2962	-1.8430
z210	4.2288	3.1980	5.7634
x211	7.4962	-2.0317	-0.5381
y211	-3.9077	-5.4281	-4.2173
z211	6.4586	3.9341	3.6988
x212	4.0062	-1.0328	-0.0972
y212	-0.4151	-5.7817	-3.7058
z212	5.2866	5.5302	4.2704
x213	0.6997	0.0023	0.4686
y213	2.3495	-5.0509	-2.8449
z213	4.7498	5.8158	4.0910
x214	-2.0382	0.9018	0.5812

y214	4.3315	-4.2854	-1.7960
z214	4.2064	5.6091	3.7131
x215	-4.2582	1.6822	0.3663
y215	5.2734	-4.1075	-1.3230
z215	3.7361	5.1135	3.7263
x216	-4.4670	1.5345	-0.4786
y216	5.5179	-5.1256	-2.7094
z216	2.1868	5.1056	4.6188
x217	-3.7556	0.2995	-1.2508
y217	5.7567	-5.7460	-2.7228
z217	0.1256	4.6196	3.8781
x218	-1.3212	-0.3058	-4.1875
y218	3.8182	-6.8422	-3.8001
z218	-2.2348	3.1677	4.5976
x219	0.3034	-1.4891	-3.6234
y219	2.3381	-6.5206	-2.8942
z219	-3.4234	1.2920	2.1548
x220	-1.8301	-6.4897	1.6879
y220	-1.4447	1.2279	0.3812
z220	0.0054	2.8729	1.2539
x221	-1.1343	-3.9536	2.9362
y221	1.7870	2.6329	-0.8894
z221	-2.2329	0.6472	0.2185
x222	-0.2436	-0.6385	4.2750
y222	4.3814	3.4567	-1.9816
z222	-3.9748	-0.8261	-0.5933
x223	1.4892	0.3313	4.0436
y223	6.1459	4.0575	-2.6546

z223	-3.9833	-3.0991	-1.7018
x224	2.5450	0.2815	3.1080
y224	7.2368	4.4067	-2.8858
z224	-3.3873	-5.2443	-2.7096
x225	2.3296	0.1616	2.9422
y225	7.3577	4.7324	-2.4581
z225	-3.5185	-6.0978	-2.4845
x226	1.2310	2.3307	3.5420
y226	6.8459	4.7412	-1.7080
z226	-3.8093	-4.2783	-1.7692
x227	-0.1343	3.1576	4.8036
y227	5.1376	4.4088	-0.6307
z227	-3.6092	-3.3938	-0.3215
x228	-0.5765	3.3852	5.3293
y228	2.5360	3.8003	0.7896
z228	-1.5851	-2.3035	0.6172
x229	-1.7113	2.0077	5.1922
y229	-0.4987	2.9747	2.3809
z229	0.4402	-1.6864	1.1005
x230	-2.7320	0.6466	4.6332
y230	-1.6037	2.0393	2.1830
z230	1.1895	-2.3983	1.2639
x231	-3.1925	-0.0759	4.0326
y231	-2.6014	1.3101	2.1174
z231	1.8874	-2.6940	1.4987
x232	-3.8142	-0.4674	2.8693
y232	-2.8733	0.6515	2.2531
z232	2.2126	-2.4942	0.9124

x233	-3.5325	-1.0181	2.1105
y233	-3.6236	1.0550	2.5778
z233	3.4919	-3.0367	1.1932
x234	-4.1685	-0.8777	1.6405
y234	-2.7667	0.6473	2.7047
z234	3.4832	-2.6978	1.4512
x235	-4.7397	-0.4600	1.9256
y235	-2.0273	0.7235	2.4381
z235	2.3314	-2.4247	2.0817
x236	-4.7085	0.1501	1.4924
y236	-0.9289	1.3189	2.7370
z236	1.1665	-2.3448	1.2797
x237	-3.9563	1.0912	2.2246
y237	-0.3421	1.9490	2.3611
z237	0.5352	-2.3511	1.9037
x238	-3.2272	2.6349	2.3145
y238	0.4782	2.2647	2.4137
z238	0.0125	-1.5085	2.0497
x239	-2.3210	2.0408	0.5769
y239	0.7121	0.9491	0.6420
z239	-0.7539	0.2955	3.1965
x240	-1.6103	1.2265	-0.9952
y240	1.2354	0.0388	-0.3196
z240	-1.3200	0.4343	3.1365
x241	-0.4586	0.3465	-2.3800
y241	1.3463	-0.3861	-0.5800
z241	-0.5198	-0.0367	3.0497
x242	0.3100	-0.0818	-3.1659

y242	1.2017	-0.4974	-0.2657
z242	0.4337	-0.5011	2.3688
x243	0.5774	-0.5437	-3.6803
y243	0.6382	-0.3845	-1.2687
z243	1.4935	-1.7517	2.5135
x244	1.0766	-0.5036	-3.8779
y244	1.5209	-0.5132	-1.1744
z244	-0.0336	-2.2022	1.8052
x245	1.4959	-0.3816	-3.5378
y245	2.0270	-1.3125	0.0663
z245	-0.2050	-0.6662	1.6896
x246	1.4375	0.0538	-2.8228
y246	1.6875	-1.3791	0.7368
z246	0.2614	-0.8879	1.2584
x247	1.1818	1.0458	-1.8493
y247	2.0007	-1.2038	1.2419
z247	1.3933	-1.4433	1.4137
x248	0.3921	0.2062	-0.5300
y248	2.7476	-1.9349	1.1006
z248	1.2898	-0.5895	1.6300
x249	-0.9544	-0.3393	0.4700
y249	2.5423	-2.0617	0.7598
z249	1.2960	-0.1160	2.0970
x250	-0.8070	-0.6077	1.2848
y250	2.8655	-1.8264	0.3577
z250	0.7493	-0.2112	2.3342
x251	-2.1858	0.0512	1.9191
y251	3.3525	-0.3503	1.5666

z251	1.8153	-1.5262	1.8147
x252	-3.3732	-0.6321	1.2514
y252	3.9344	-1.6672	-0.4187
z252	3.0280	0.0245	3.7768
x253	-2.8156	-1.6703	0.4504
y253	6.0224	-3.2064	-1.1974
z253	1.4044	2.0182	5.1190
x254	-4.9864	-0.4571	0.1880
y254	3.2857	-1.2042	-2.9004
z254	6.2081	-2.1693	5.5246
x255	-5.3660	-0.0860	-0.7787
y255	6.1166	-4.4222	-4.2245
z255	6.1375	-2.1925	6.0629
x256	-5.9928	-0.1515	-1.5012
y256	9.0197	-8.4218	-5.3688
z256	4.6103	1.9998	7.5500

Principal Component Analysis: PCA: CovMatrix, RawData_Canals, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00359987	22.336	22.336
2.	0.00222445	13.802	36.138
3.	0.00170749	10.594	46.732
4.	0.00116904	7.253	53.986
5.	0.00104711	6.497	60.483
6.	0.00087735	5.444	65.926

7.	0.00081714	5.070	70.997
8.	0.00064406	3.996	74.993
9.	0.00051102	3.171	78.163
10.	0.00045416	2.818	80.981
11.	0.00038686	2.400	83.382
12.	0.00035919	2.229	85.610
13.	0.00031276	1.941	87.551
14.	0.00025833	1.603	89.154
15.	0.00024053	1.492	90.646
16.	0.00023704	1.471	92.117
17.	0.00017816	1.105	93.222
18.	0.00016343	1.014	94.236
19.	0.00013017	0.808	95.044
20.	0.00011414	0.708	95.752
21.	0.00010069	0.625	96.377
22.	0.00009732	0.604	96.981
23.	0.00008596	0.533	97.514
24.	0.00007184	0.446	97.960
25.	0.00006775	0.420	98.380
26.	0.00005865	0.364	98.744
27.	0.00005393	0.335	99.079
28.	0.00004765	0.296	99.374
29.	0.00003991	0.248	99.622
30.	0.00003509	0.218	99.840
31.	0.00002582	0.160	100.000

Total variance: 0.01611690

Variance of the eigenvalues: 0.0000000341113

Eigenvalue variance scaled by total variance: 0.00013

Eigenvalue variance scaled by total variance and number of variables: 0.10007

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 761.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

- the degrees of freedom are less than the shape dimensionality (sample size, etc.).
- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	0.023741		-0.011796		0.035058		-0.009283		0.022387		-0.035214	
	-0.016204		0.042459		0.020556		0.026434		0.005846		0.031146	
	0.032586		0.077540		-0.049115		0.005004		0.036061		0.013828	
	-0.023709		0.031728		0.022369		0.032425		0.019101		0.050289	
	0.039681		-0.008182		0.057681		0.020550		0.082673		0.075773	
	0.024476											
y1	0.008511		-0.001376		0.011600		-0.049743		-0.043248		-0.001878	
	0.024449		0.009729		-0.009011		0.015150		-0.034899		0.011460	
	0.021237		0.014590		-0.055762		-0.037728		-0.003412		-0.009508	
	0.037079		0.018606		0.050162		0.001088		0.026759		0.023966	
	-0.000856		0.065156		-0.030694		-0.012343		-0.086980		-0.020216	
	-0.026199											
z1	0.018301		0.053319		0.025785		0.089335		0.020701		0.010218	
	0.041049		-0.048612		-0.016891		-0.007210		0.034421		-0.063589	
	-0.007049		0.015602		-0.052146		0.020627		-0.002874		-0.030096	
	0.052523		0.013031		-0.041743		0.065104		-0.003526		0.014779	
	-0.011421		0.037928		0.057434		0.013890		-0.096220		0.127225	
	0.014011											
x2	0.003444		0.011839		-0.019025		-0.056134		0.071838		0.035479	
	-0.004335		-0.035480		-0.024576		0.015741		-0.056410		-0.035329	

	-0.018316	-0.024045	0.062412	0.028073	-0.038483	0.029621
	0.018499	0.016950	-0.031863	0.025420	0.056940	0.031304
	0.036982	0.004434	-0.024220	-0.042142	0.040818	-0.002701
	-0.054971					
y2	-0.028204	0.040832	-0.025804	0.009431	0.020086	-0.048342
	-0.029354	0.003039	0.038983	0.009959	-0.004357	-0.006901
	-0.016473	0.020797	0.041506	0.007825	0.030675	-0.000688
	0.029683	-0.047181	0.006097	-0.009687	0.000436	0.034180
	0.020539	0.011961	-0.023456	0.017173	0.031349	-0.083570
	-0.065013					
z2	0.023116	-0.025804	-0.034577	-0.041457	0.006001	0.000706
	-0.004269	0.009455	-0.016369	0.028922	0.007753	0.055088
	-0.009238	0.054526	0.026304	0.011631	-0.007044	-0.017324
	0.036742	-0.016866	-0.079432	-0.007470	-0.071792	0.058206
	-0.054670	0.035230	0.091158	0.008540	0.092993	0.071556
	-0.059400					
x3	-0.005932	0.012281	-0.022347	-0.047417	0.073441	0.035832
	-0.006942	-0.036459	-0.014895	0.008400	-0.058881	-0.039162
	-0.012081	-0.039693	0.053635	0.025600	-0.048648	0.031017
	0.031158	0.021801	-0.010418	0.025343	0.070214	0.015381
	0.019928	0.002250	-0.015181	-0.035508	0.007680	-0.025912
	-0.034431					
y3	-0.032582	0.043472	-0.033304	0.004579	0.021862	-0.051688
	-0.026549	-0.005899	0.041001	0.000748	-0.003697	-0.006620
	-0.020935	0.024544	0.038802	0.003041	0.022335	0.008493
	0.030688	-0.054882	-0.008534	0.003495	-0.011604	0.009683
	0.005085	0.018095	-0.015539	0.002619	0.024428	-0.077660
	-0.039766					
z3	0.027824	-0.022775	-0.028740	-0.044240	0.010538	0.005492
	-0.002203	0.008524	-0.014357	0.030669	-0.004880	0.063928
	-0.012081	0.045258	0.033551	0.003292	0.001551	-0.022177
	0.016763	-0.026950	-0.065872	0.004834	-0.048897	0.065032
	-0.034928	0.032532	0.069960	0.013874	0.075760	0.084759
	-0.043064					
x4	-0.017641	0.011441	-0.025169	-0.038338	0.075007	0.037316
	-0.013054	-0.038908	-0.008462	0.005256	-0.049269	-0.047660
	-0.008114	-0.055163	0.041638	0.020690	-0.056436	0.034860
	0.047486	0.037268	0.002132	0.022359	0.055238	-0.004284
	0.006293	0.003486	-0.006271	-0.043930	-0.020061	-0.047346
	-0.008302					

y4	-0.033978	0.044611	-0.037776	-0.001622	0.021531	-0.053736
	-0.022435	-0.007927	0.047716	-0.005438	-0.010985	-0.001180
	-0.021638	0.025226	0.042660	0.005861	0.019877	0.022214
	0.028248	-0.064376	-0.015794	0.014638	-0.009404	-0.004282
	-0.003680	0.027023	-0.017461	-0.006693	0.014641	-0.063314
	-0.025558					
z4	0.029058	-0.018489	-0.024303	-0.044296	0.016025	0.010224
	-0.001150	0.006936	-0.013952	0.028613	-0.014409	0.067743
	-0.015483	0.030073	0.039080	-0.008917	0.007858	-0.024725
	-0.001258	-0.032272	-0.051488	0.014286	-0.037900	0.067766
	-0.027810	0.024796	0.056269	0.008261	0.052001	0.083538
	-0.016676					
x5	-0.028353	0.007869	-0.027589	-0.032634	0.076383	0.039455
	-0.018427	-0.041853	-0.002625	0.006179	-0.029726	-0.050722
	-0.004443	-0.062222	0.022894	0.016967	-0.070648	0.031067
	0.062905	0.059107	0.015638	0.011833	0.042908	-0.018148
	-0.000090	-0.000076	-0.002072	-0.051659	-0.027285	-0.049297
	-0.001213					
y5	-0.034627	0.044996	-0.038573	-0.006076	0.020471	-0.053826
	-0.019289	-0.006111	0.057893	-0.008212	-0.016652	0.006648
	-0.020767	0.023648	0.043686	0.013984	0.025307	0.032464
	0.022261	-0.071966	-0.016843	0.023875	-0.011167	-0.018941
	-0.005802	0.034528	-0.025542	-0.009178	0.003694	-0.050578
	-0.015692					
z5	0.026810	-0.014672	-0.022524	-0.044266	0.023191	0.016428
	-0.001013	0.003433	-0.012406	0.026820	-0.010588	0.067078
	-0.016441	0.020066	0.037211	-0.019182	0.003087	-0.032291
	-0.010737	-0.030316	-0.039924	0.009772	-0.029455	0.067290
	-0.019620	0.010058	0.046768	-0.007068	0.037211	0.084798
	0.006348					
x6	-0.035708	0.004053	-0.028631	-0.025986	0.076472	0.036236
	-0.023629	-0.040801	0.003327	0.006477	-0.016030	-0.050584
	0.000901	-0.062742	0.010969	0.022839	-0.069328	0.028065
	0.074281	0.068296	0.021983	0.004574	0.037509	-0.029708
	0.002358	0.003310	-0.005176	-0.045632	-0.033667	-0.052878
	0.004990					
y6	-0.036612	0.045723	-0.039194	-0.011704	0.020213	-0.050327
	-0.016834	-0.006696	0.062682	-0.007470	-0.020685	0.012919
	-0.021178	0.018359	0.040358	0.008119	0.020930	0.035091
	0.017973	-0.069924	-0.014625	0.030469	-0.019844	-0.027832
	-0.013323	0.033208	-0.020492	-0.020622	-0.003817	-0.039573
	-0.005088					

z6	0.024658	-0.009851	-0.023406	-0.041495	0.031443	0.018837
	-0.001032	0.002748	-0.008773	0.024069	-0.007001	0.062416
	-0.016767	0.014603	0.036341	-0.016777	0.007839	-0.036358
	-0.015629	-0.031408	-0.026150	0.008185	-0.016627	0.059808
	-0.007662	0.002793	0.024761	-0.009684	0.018728	0.079816
	0.022871					
x7	-0.041430	-0.000806	-0.028959	-0.020341	0.074273	0.032334
	-0.028067	-0.038709	0.004925	0.006999	-0.006296	-0.047392
	0.009469	-0.060943	0.005336	0.026903	-0.069849	0.025674
	0.086246	0.078399	0.018950	-0.000527	0.030674	-0.032845
	-0.006337	0.007260	-0.002126	-0.037187	-0.031518	-0.049025
	0.007892					
y7	-0.038582	0.047724	-0.039833	-0.015228	0.021223	-0.048346
	-0.014420	-0.005757	0.065933	-0.005256	-0.026565	0.018272
	-0.019711	0.012512	0.038647	0.004608	0.020583	0.037232
	0.016070	-0.066792	-0.012746	0.032707	-0.023922	-0.029499
	-0.025412	0.033559	-0.012083	-0.026395	-0.013434	-0.037254
	0.001940					
z7	0.021738	-0.004425	-0.027870	-0.038763	0.039559	0.021761
	-0.000749	0.003477	-0.006886	0.020040	-0.003830	0.052409
	-0.012905	0.008171	0.043275	-0.015914	0.005080	-0.032908
	-0.012260	-0.023965	-0.019030	0.014292	-0.005003	0.052285
	-0.015090	-0.001397	0.011479	-0.014715	0.000698	0.074425
	0.038026					
x8	-0.045662	-0.006295	-0.024909	-0.014827	0.066819	0.025771
	-0.033969	-0.034591	0.005503	0.007342	-0.000460	-0.039771
	0.015776	-0.061410	0.000062	0.030546	-0.064805	0.017293
	0.086146	0.078867	0.012273	-0.014679	0.019787	-0.035739
	-0.007410	0.006743	0.003734	-0.033423	-0.020334	-0.050910
	0.003878					
y8	-0.041215	0.049025	-0.039813	-0.016750	0.022476	-0.045709
	-0.011247	-0.002872	0.062812	-0.005674	-0.030084	0.021587
	-0.016646	0.008426	0.040116	0.005400	0.019414	0.038753
	0.011753	-0.058040	-0.016294	0.032636	-0.027810	-0.026041
	-0.040201	0.031503	-0.002102	-0.027205	-0.011976	-0.034064
	-0.006773					
z8	0.017789	0.000535	-0.027983	-0.037613	0.038945	0.023533
	-0.004284	0.005108	0.004607	0.019475	-0.009090	0.042504
	-0.009209	-0.007016	0.045520	-0.016155	0.002569	-0.032357
	-0.016376	-0.023657	-0.008702	0.002564	0.003067	0.045254
	-0.029522	-0.007916	0.015025	-0.027565	-0.019491	0.051877
	0.026676					

x9	-0.048654	-0.012765	-0.018761	-0.011156	0.059773	0.018221
	-0.038943	-0.029701	0.000067	0.005378	0.006213	-0.026576
	0.021778	-0.057917	-0.003861	0.037220	-0.057320	0.007278
	0.079762	0.079620	-0.000361	-0.028170	0.008285	-0.038059
	0.003402	0.006835	0.008130	-0.026238	0.001689	-0.045847
	-0.004716					
y9	-0.043915	0.050955	-0.037575	-0.020306	0.024069	-0.042266
	-0.008395	0.003391	0.057207	-0.001495	-0.031749	0.028203
	-0.012850	0.000259	0.038381	0.007272	0.019884	0.033843
	0.001868	-0.044147	-0.018246	0.032210	-0.027224	-0.024876
	-0.053209	0.025870	0.005948	-0.023137	-0.006276	-0.037759
	-0.015384					
z9	0.012416	0.006885	-0.029741	-0.035597	0.041996	0.025168
	-0.005046	0.005651	0.006732	0.010698	-0.010185	0.031664
	-0.006306	-0.021754	0.047184	-0.009929	-0.004316	-0.028815
	-0.021075	-0.017220	0.003293	-0.007572	0.003113	0.031926
	-0.036524	-0.018549	0.015666	-0.037461	-0.035004	0.026547
	0.006110					
x10	-0.050191	-0.020180	-0.012347	-0.006563	0.051810	0.008691
	-0.044269	-0.026273	-0.010087	0.003259	0.016228	-0.010790
	0.026073	-0.048322	-0.008799	0.044760	-0.044291	-0.005014
	0.070333	0.078538	-0.021814	-0.039959	0.001340	-0.038730
	0.026910	0.007421	0.006294	-0.027822	0.035667	-0.031891
	0.002866					
y10	-0.046688	0.053770	-0.035250	-0.023256	0.026415	-0.038765
	-0.005327	0.010957	0.046660	0.004728	-0.027803	0.036559
	-0.007834	-0.011413	0.031874	0.010590	0.020057	0.027810
	-0.010723	-0.024714	-0.021052	0.026206	-0.021612	-0.023177
	-0.062641	0.018541	0.007668	-0.016701	-0.003842	-0.045697
	-0.018638					
z10	0.007759	0.012863	-0.034310	-0.030600	0.047268	0.028756
	-0.005674	-0.001265	0.005237	0.003050	-0.002394	0.020823
	-0.007191	-0.032107	0.037972	-0.002470	-0.011779	-0.029182
	-0.025704	-0.007402	0.017971	-0.014198	0.009930	0.017989
	-0.017580	-0.031987	0.001612	-0.065907	-0.044791	0.012653
	0.022549					
x11	-0.049675	-0.030494	-0.002832	-0.004580	0.040921	-0.000351
	-0.051813	-0.018776	-0.014945	0.009726	0.019553	0.012415
	0.031903	-0.035852	-0.011305	0.050462	-0.027014	-0.021412
	0.057234	0.068770	-0.042320	-0.046009	-0.007975	-0.031104
	0.050555	0.018233	0.009087	-0.017607	0.067361	-0.000185
	-0.009100					

y11	-0.049787	0.055096	-0.033762	-0.024495	0.028170	-0.033093
	-0.004614	0.017124	0.039389	0.011679	-0.027907	0.039015
	-0.001198	-0.022574	0.032117	0.013200	0.021887	0.024770
	-0.013947	-0.000852	-0.014460	0.018862	-0.019445	-0.009072
	-0.078733	0.011016	0.022858	-0.012941	-0.005826	-0.049992
	-0.045000					
z11	0.001879	0.015237	-0.036721	-0.027153	0.050801	0.032458
	-0.010835	-0.006531	0.019293	0.008521	-0.006213	0.011516
	-0.004696	-0.037420	0.029305	-0.003832	-0.015767	-0.024699
	-0.019583	-0.009085	0.039207	-0.006199	0.014569	0.004532
	-0.013918	-0.015449	0.000480	-0.084151	-0.072679	0.023638
	0.001869					
x12	-0.055120	-0.035238	-0.003766	0.003972	0.027371	-0.006385
	-0.051635	-0.014650	-0.002461	0.012309	0.021770	0.012821
	0.032077	-0.019866	-0.015484	0.027317	-0.005827	-0.036953
	0.049117	0.061576	-0.055176	-0.036189	-0.004923	-0.034963
	0.060194	0.026332	0.017450	-0.029482	0.039951	0.010476
	-0.021591					
y12	-0.052226	0.047515	-0.031779	-0.024220	0.019619	-0.028772
	0.002863	0.015757	0.027253	0.019001	-0.032523	0.051448
	0.005565	-0.035432	0.023348	-0.000348	0.012304	0.002681
	-0.025558	-0.001707	-0.007727	0.014881	-0.022044	-0.016225
	-0.068502	-0.007979	0.034788	-0.001781	-0.001679	-0.008119
	-0.038855					
z12	-0.004251	0.018109	-0.038747	-0.023020	0.053849	0.034099
	-0.017773	-0.003625	0.032181	0.015908	-0.006551	0.009300
	-0.008353	-0.042465	0.028170	0.000655	-0.009287	-0.024084
	-0.018278	-0.010648	0.044369	-0.003237	0.015018	-0.004396
	-0.014849	-0.021527	-0.002036	-0.092686	-0.052444	0.021164
	-0.015100					
x13	-0.059284	-0.041365	-0.003080	0.010430	0.016418	-0.013383
	-0.048036	-0.013106	0.004755	0.007193	0.027908	0.012276
	0.034684	-0.001178	-0.016701	0.016570	0.013282	-0.038869
	0.042672	0.052379	-0.071890	-0.027669	0.006194	-0.042180
	0.069953	0.038225	0.011747	-0.033608	0.021356	0.014613
	-0.022994					
y13	-0.054592	0.043533	-0.030687	-0.021088	0.011744	-0.027496
	0.009096	0.014329	0.016543	0.025182	-0.036120	0.058973
	0.010635	-0.043852	0.011624	-0.012047	0.005529	-0.020856
	-0.034898	0.002645	-0.002894	0.008013	-0.022291	-0.020612
	-0.063850	-0.025147	0.042399	0.003706	0.001178	0.006926
	-0.033316					

z13	-0.008595	0.016521	-0.041627	-0.017909	0.054996	0.031945
	-0.021915	-0.003022	0.040432	0.006123	0.009384	0.005234
	-0.001643	-0.040042	0.031781	0.028702	0.016038	-0.004844
	-0.024294	-0.024938	0.035328	-0.012011	0.028498	-0.019667
	-0.012977	-0.009597	-0.045463	-0.055972	-0.030574	0.010241
	-0.032019					
x14	-0.062105	-0.044240	-0.002998	0.016151	0.005790	-0.017838
	-0.044261	-0.008073	0.010427	0.006910	0.030960	0.012165
	0.036949	0.014058	-0.019040	0.003422	0.024163	-0.042737
	0.042355	0.049681	-0.081771	-0.019150	0.007115	-0.038419
	0.073420	0.046426	0.015772	-0.040776	0.010488	0.018048
	-0.025254					
y14	-0.056656	0.036630	-0.028396	-0.020014	0.005845	-0.025706
	0.011502	0.010271	0.009271	0.024986	-0.040667	0.063978
	0.014191	-0.046383	0.007006	-0.022348	0.004997	-0.034722
	-0.042451	0.002086	0.004548	0.005720	-0.011358	-0.028530
	-0.055480	-0.036281	0.043387	-0.000992	-0.009362	0.019536
	-0.021980					
z14	-0.014636	0.017695	-0.043714	-0.009554	0.052040	0.031109
	-0.018341	-0.004305	0.048045	0.007827	0.015105	-0.001170
	0.004250	-0.046160	0.026915	0.031047	0.013526	0.000333
	-0.018267	-0.037250	0.032451	-0.012062	0.014824	-0.018323
	-0.002203	-0.015781	-0.055145	-0.060359	-0.003058	0.017658
	-0.066641					
x15	-0.064064	-0.045840	-0.002805	0.018842	-0.003298	-0.019121
	-0.043370	-0.003143	0.014716	0.008299	0.030623	0.013368
	0.036946	0.026745	-0.020998	-0.014157	0.026911	-0.047505
	0.042154	0.046810	-0.080677	-0.010308	0.003030	-0.031620
	0.070151	0.047465	0.022625	-0.046171	-0.000494	0.026583
	-0.025009					
y15	-0.058887	0.028735	-0.026883	-0.018968	0.001359	-0.022601
	0.013623	0.006365	0.001722	0.022018	-0.044090	0.067578
	0.016574	-0.048210	0.002445	-0.031580	0.009470	-0.044307
	-0.046934	-0.001659	0.005269	0.002594	-0.002654	-0.033468
	-0.044149	-0.043099	0.043007	-0.006685	-0.019159	0.028209
	-0.010173					
z15	-0.022501	0.020677	-0.045507	0.000568	0.051849	0.031660
	-0.014572	-0.012698	0.044328	0.010293	0.010345	-0.004821
	0.004948	-0.049033	0.010332	0.014075	0.003080	-0.005397
	-0.010626	-0.025397	0.032924	-0.013332	-0.002764	-0.018286
	-0.006172	-0.014862	-0.041059	-0.077414	0.010640	0.022319
	-0.052894					

x16	-0.063927	-0.050045	-0.000305	0.017076	-0.007396	-0.020527
	-0.042893	0.001578	0.018488	0.005187	0.028080	0.013273
	0.036010	0.043106	-0.018462	-0.022245	0.033656	-0.040904
	0.034481	0.033632	-0.071232	-0.002877	0.010032	-0.032239
	0.068871	0.054107	0.012392	-0.042859	-0.017527	0.031763
	-0.010079					
y16	-0.060207	0.023603	-0.026369	-0.017355	-0.005071	-0.018002
	0.016098	0.008909	-0.003501	0.020927	-0.042752	0.068890
	0.019460	-0.043260	0.002620	-0.036825	0.012431	-0.054083
	-0.043185	-0.000311	0.003853	0.001992	0.003590	-0.026915
	-0.035361	-0.045804	0.044311	-0.011083	-0.019362	0.027403
	-0.003058					
z16	-0.029130	0.020194	-0.043037	0.010407	0.049828	0.032068
	-0.013682	-0.014834	0.053467	0.001929	0.007939	-0.008642
	0.014009	-0.045125	0.011476	0.018017	0.004681	-0.001489
	-0.012198	-0.023785	0.027659	-0.007748	-0.003820	-0.022920
	-0.004457	-0.014013	-0.058219	-0.076334	0.012261	0.018675
	-0.064401					
x17	-0.062344	-0.052859	0.003092	0.014401	-0.010680	-0.021632
	-0.042684	0.008935	0.019648	0.001202	0.026055	0.014766
	0.035758	0.057261	-0.015053	-0.028368	0.032169	-0.032537
	0.031848	0.025595	-0.056007	0.004198	0.013442	-0.023273
	0.061204	0.055780	0.002159	-0.043727	-0.023573	0.031193
	0.000598					
y17	-0.061056	0.016800	-0.024427	-0.017332	-0.008967	-0.011389
	0.017587	0.011355	-0.006028	0.017074	-0.042100	0.071247
	0.019414	-0.036321	0.001523	-0.040784	0.023972	-0.058500
	-0.045210	0.001836	-0.000026	-0.000977	0.018342	-0.022024
	-0.029979	-0.044646	0.044216	-0.020555	-0.029194	0.015134
	0.003837					
z17	-0.034595	0.020864	-0.044989	0.018148	0.046967	0.031507
	-0.012276	-0.018725	0.059265	0.002923	-0.000959	-0.009636
	0.022986	-0.036399	0.011077	0.018766	-0.001261	-0.003296
	-0.008327	-0.017221	0.021875	-0.014363	-0.009809	-0.018448
	-0.000311	-0.006543	-0.062892	-0.053933	0.028004	0.042314
	-0.055956					
x18	-0.059841	-0.054598	0.007389	0.008156	-0.013083	-0.019464
	-0.044517	0.017767	0.017985	-0.000051	0.018020	0.015964
	0.031636	0.068015	-0.012857	-0.034290	0.025493	-0.018869
	0.022013	0.024409	-0.037289	0.020927	0.020771	-0.018057
	0.045311	0.067348	-0.002745	-0.038842	-0.027982	0.030313
	0.018162					

y18	-0.062840	0.011437	-0.021508	-0.017311	-0.012546	-0.003564
	0.017788	0.012876	-0.010242	0.011144	-0.043388	0.070786
	0.017716	-0.030672	0.003522	-0.049038	0.030744	-0.059769
	-0.045169	0.009556	-0.000844	-0.003399	0.028206	-0.012663
	-0.022634	-0.035424	0.047851	-0.038415	-0.034118	-0.006582
	0.020369					
z18	-0.043022	0.020127	-0.047643	0.026987	0.045991	0.035063
	-0.013385	-0.024841	0.062616	0.001161	-0.008047	-0.011202
	0.029007	-0.031741	0.007827	-0.007404	-0.021960	-0.025737
	0.012631	-0.018274	0.032567	-0.033783	-0.024676	0.003896
	0.005774	-0.021990	-0.052532	-0.057355	0.028013	0.046041
	-0.051111					
x19	-0.054669	-0.057303	0.010804	-0.000390	-0.009965	-0.019273
	-0.041657	0.018757	0.015990	-0.005396	0.008009	0.014302
	0.027715	0.085252	-0.002676	-0.028106	0.014357	-0.001909
	0.022077	-0.000043	0.000494	0.023338	0.016266	-0.005182
	0.046905	0.059957	-0.030740	-0.025112	-0.042903	0.034646
	0.034737					
y19	-0.063323	0.006083	-0.017719	-0.019497	-0.014793	0.006786
	0.020040	0.020398	-0.013941	0.005782	-0.038826	0.071265
	0.013435	-0.017669	0.010497	-0.047308	0.044176	-0.062476
	-0.052840	0.009346	-0.009012	-0.011097	0.043920	-0.007240
	-0.005351	-0.018745	0.032781	-0.037910	-0.035930	-0.037607
	0.044623					
z19	-0.047819	0.019496	-0.041906	0.035752	0.040345	0.037466
	-0.011930	-0.001734	0.060548	-0.002305	-0.012859	0.007912
	0.046160	-0.034328	0.005476	-0.004161	-0.032583	-0.046034
	0.003932	-0.000042	0.015923	-0.032796	-0.013318	0.007676
	-0.005154	-0.002808	-0.061476	-0.024539	0.061439	0.036583
	-0.025306					
x20	-0.048052	-0.057865	0.016729	-0.007983	-0.007852	-0.019054
	-0.042478	0.028128	0.015124	-0.012257	0.001635	0.022692
	0.029593	0.093875	0.005262	-0.024623	-0.001827	0.019974
	0.027324	-0.002869	0.032361	0.031305	0.021571	0.014995
	0.032464	0.055182	-0.048939	-0.016640	-0.039170	0.037829
	0.062293					
y20	-0.062011	0.001254	-0.014525	-0.018458	-0.019219	0.014189
	0.019041	0.029716	-0.010926	-0.002613	-0.033665	0.071588
	0.014030	-0.002350	0.018271	-0.041838	0.061749	-0.055569
	-0.046462	0.017520	-0.023030	-0.012725	0.064893	0.002028
	0.007012	-0.003131	0.025243	-0.043749	-0.036041	-0.073048
	0.055974					

z20	-0.054165	0.013835	-0.039094	0.042872	0.038943	0.041106
	-0.007711	0.004925	0.061793	-0.009638	-0.026233	0.007792
	0.054286	-0.015607	0.014023	0.001503	-0.032211	-0.058694
	-0.002590	-0.007228	0.019670	-0.042394	-0.015614	0.023574
	-0.007976	0.021807	-0.082549	0.004282	0.049888	0.029198
	0.000886					
x21	-0.032692	-0.044582	0.015823	-0.016031	-0.011779	-0.031567
	-0.035355	0.021154	-0.017029	-0.013197	0.011156	0.005917
	0.019239	0.095892	-0.007616	-0.019639	0.010550	0.035404
	0.019956	0.003926	0.036441	0.026045	-0.003607	0.003119
	0.035375	0.015739	-0.038344	-0.027323	-0.020897	0.007469
	0.022230					
y21	-0.052649	-0.001178	-0.017652	-0.010974	-0.025577	0.014383
	0.015077	0.017970	-0.018105	-0.002181	-0.024771	0.065909
	0.007724	0.009387	-0.000192	-0.029692	0.038467	-0.047042
	-0.030363	0.007173	-0.022039	-0.008738	0.061098	0.018136
	-0.022258	0.017289	0.018999	-0.025173	-0.052883	-0.082975
	-0.010497					
z21	-0.058545	0.012941	-0.036093	0.061422	0.032972	0.026752
	-0.008076	0.013553	0.054361	-0.013770	-0.032898	0.005363
	0.066132	-0.008032	-0.011068	-0.002422	-0.028514	-0.060289
	0.002709	-0.015544	0.018007	-0.028724	-0.005958	0.018328
	-0.030877	0.036345	-0.065587	0.009813	0.043146	0.020710
	0.004629					
x22	-0.019943	-0.037049	0.017857	-0.027119	-0.013293	-0.034673
	-0.032662	0.023478	-0.024625	-0.006749	0.012695	0.003309
	0.018121	0.090811	-0.015990	-0.021619	0.027575	0.047264
	0.008822	0.005171	0.064613	0.025149	-0.009703	0.006986
	0.038600	-0.009517	-0.018086	-0.029102	-0.011140	0.002857
	0.005829					
y22	-0.046189	-0.002452	-0.019394	-0.001301	-0.028963	0.011710
	0.011727	0.011134	-0.022688	-0.005821	-0.012852	0.056039
	0.012379	0.024426	-0.018973	-0.014883	0.027460	-0.036681
	-0.012657	-0.004720	-0.017244	-0.014390	0.062781	0.026313
	-0.046104	0.023923	0.005614	-0.003138	-0.056616	-0.101673
	-0.039881					
z22	-0.058834	0.013615	-0.036825	0.075575	0.020929	0.013285
	-0.008481	0.017096	0.039317	-0.019188	-0.037819	-0.003812
	0.059322	0.000620	-0.024956	-0.005059	-0.021176	-0.051358
	0.012743	-0.013652	0.010910	-0.010018	-0.010426	0.026911
	-0.038487	0.056677	-0.040995	-0.009445	0.026887	0.009673
	-0.023513					

x23	-0.010505	-0.030611	0.018739	-0.035245	-0.007910	-0.037819
	-0.025281	0.023651	-0.038335	-0.005379	0.026643	0.003238
	0.014785	0.078030	-0.024902	-0.026677	0.036355	0.040699
	-0.021027	0.006537	0.067693	0.014151	-0.008352	-0.013431
	0.047189	-0.023761	-0.003913	-0.017097	0.010698	-0.004402
	0.022882					
y23	-0.039381	-0.007536	-0.015975	0.004344	-0.028264	0.010314
	0.013452	0.010503	-0.030952	0.001525	0.000894	0.058636
	0.010524	0.022036	-0.035628	-0.011195	0.010879	-0.044410
	-0.023314	-0.006884	-0.030212	-0.014833	0.068647	0.026135
	-0.044309	0.033892	-0.001728	0.029171	-0.051542	-0.111822
	-0.044721					
z23	-0.059858	0.012739	-0.036650	0.086040	0.008559	0.001458
	-0.009970	0.020686	0.025362	-0.028947	-0.043362	-0.015523
	0.060662	0.015037	-0.032709	0.002855	-0.000534	-0.030770
	0.029965	-0.018725	0.019537	0.009459	-0.015836	0.036061
	-0.053403	0.065254	-0.029224	-0.032106	0.010662	-0.008013
	-0.047791					
x24	-0.002214	-0.022977	0.017833	-0.046266	-0.006213	-0.033820
	-0.021551	0.027190	-0.032941	-0.002292	0.027795	-0.000410
	0.010595	0.063172	-0.020400	-0.029476	0.026816	0.039372
	-0.028711	0.006768	0.069109	0.017732	-0.006265	-0.030216
	0.046281	-0.021096	0.017942	-0.003533	0.019749	0.011411
	0.005108					
y24	-0.033835	-0.010152	-0.012803	0.010316	-0.025476	0.007917
	0.012643	0.009603	-0.036525	0.005135	0.012300	0.056503
	0.009342	0.021031	-0.045014	-0.005508	-0.008667	-0.047290
	-0.018676	-0.003497	-0.051475	-0.013772	0.069175	0.020301
	-0.042174	0.047666	-0.014324	0.050788	-0.043101	-0.110571
	-0.056603					
z24	-0.060971	0.008120	-0.033578	0.089883	-0.002751	-0.005123
	-0.012310	0.026780	0.006134	-0.030254	-0.045364	-0.017116
	0.059273	0.020264	-0.034089	0.004795	0.020960	-0.020684
	0.025459	-0.018438	0.035820	0.023744	-0.020250	0.047704
	-0.050656	0.069809	-0.016415	-0.039849	0.002413	-0.024265
	-0.044866					
x25	0.004415	-0.010300	0.009626	-0.051961	-0.010236	-0.034119
	-0.015382	0.029551	-0.018540	-0.004524	0.020676	-0.014818
	0.005128	0.055326	-0.019070	-0.032313	0.015455	0.041693
	-0.003781	0.002118	0.070444	0.015867	-0.017607	-0.023304
	0.040215	-0.024035	0.043083	0.000595	0.018643	0.007625
	-0.041829					

y25	-0.028668	-0.007256	-0.015509	0.020184	-0.025884	0.003503
	0.009813	0.008487	-0.028237	0.011199	0.016273	0.041322
	0.004020	0.024415	-0.051615	0.000802	-0.013023	-0.039662
	0.008431	-0.001951	-0.064149	-0.018396	0.052128	0.030582
	-0.026415	0.048497	-0.009954	0.056096	-0.047013	-0.111256
	-0.099878					
z25	-0.063414	0.002088	-0.029033	0.091480	-0.012467	-0.009351
	-0.016525	0.031742	-0.017643	-0.025214	-0.044969	-0.016352
	0.060689	0.020141	-0.021691	0.008100	0.033828	-0.016408
	0.024644	-0.006921	0.051062	0.036642	-0.023666	0.058918
	-0.057921	0.075629	-0.012039	-0.035920	0.001225	-0.024272
	-0.047526					
x26	0.007019	-0.001609	0.004680	-0.062588	-0.008306	-0.029447
	-0.005332	0.035203	-0.003320	-0.019538	0.010428	-0.029721
	0.001942	0.048914	-0.017491	-0.045235	0.011836	0.025285
	-0.005724	-0.014521	0.082499	0.001339	-0.006285	-0.031405
	0.011865	-0.018905	0.046244	0.003829	0.019816	0.017685
	-0.049557					
y26	-0.025361	-0.007225	-0.012415	0.023652	-0.021924	0.002619
	0.013861	0.015247	-0.023735	0.010957	0.014961	0.034478
	-0.001792	0.017403	-0.060906	0.000094	-0.006561	-0.047182
	-0.005746	-0.006195	-0.062803	-0.018627	0.059650	0.018377
	-0.017148	0.051091	-0.018078	0.049805	-0.042447	-0.084589
	-0.091413					
z26	-0.065950	-0.006444	-0.022660	0.086722	-0.021231	-0.013466
	-0.025567	0.033208	-0.043298	-0.020184	-0.047892	-0.016754
	0.057093	0.020044	-0.001027	0.007481	0.051235	-0.005637
	0.017608	0.003945	0.059056	0.047084	-0.021494	0.065970
	-0.045570	0.073260	-0.018844	-0.036130	-0.002383	-0.029602
	-0.045993					
x27	0.010032	0.004948	-0.009481	-0.072889	-0.005849	-0.018430
	0.001926	0.031084	0.012952	-0.025488	0.021215	-0.039307
	0.001272	0.023520	-0.021168	-0.059959	-0.013063	0.022377
	0.005953	-0.021365	0.090085	0.002831	0.004029	-0.041679
	0.013635	-0.023139	0.069049	0.008295	-0.003359	0.028475
	0.000333					
y27	-0.021718	-0.008924	-0.013293	0.023038	-0.018406	0.007212
	0.011901	0.018821	-0.026785	0.023576	0.022522	0.032522
	-0.007466	-0.003107	-0.072106	-0.006970	-0.002154	-0.041790
	-0.011177	-0.001299	-0.052017	-0.007611	0.068175	0.012016
	0.029151	0.024553	0.001712	0.048863	-0.047487	-0.066080
	-0.033593					

z27	-0.069476	-0.017405	-0.015882	0.077061	-0.030168	-0.013514
	-0.038141	0.033326	-0.074314	-0.013958	-0.050428	-0.013544
	0.054877	0.014983	0.022144	0.008192	0.070240	0.004618
	0.007347	0.015866	0.073756	0.056213	-0.011928	0.073542
	-0.037316	0.060929	-0.037959	-0.031835	-0.002477	-0.028226
	-0.041166					
x28	0.010121	0.011967	-0.021283	-0.080846	-0.001842	-0.004101
	0.017078	0.032864	0.027513	-0.037228	0.033449	-0.052052
	0.002824	0.006136	-0.015936	-0.073072	-0.052419	0.001432
	0.026250	-0.025630	0.089946	0.004299	-0.006092	-0.065055
	0.006807	-0.006373	0.082139	0.016046	-0.011868	0.048569
	0.033448					
y28	-0.017611	-0.012015	-0.009791	0.023316	-0.009889	0.013540
	0.018503	0.032079	-0.030690	0.040471	0.034455	0.029369
	-0.010041	-0.017456	-0.068713	-0.000077	0.004115	-0.046071
	-0.017366	0.004222	-0.044476	0.010446	0.054137	-0.013939
	0.092650	0.021856	-0.000848	0.047665	-0.043547	-0.033848
	0.023618					
z28	-0.073364	-0.029593	-0.008490	0.061914	-0.039932	-0.010774
	-0.051381	0.031797	-0.113520	-0.004255	-0.049782	-0.007254
	0.051708	0.006958	0.051542	0.007704	0.084261	0.010733
	-0.003829	0.033291	0.083304	0.060576	-0.005169	0.078796
	-0.016819	0.037253	-0.061738	-0.020054	0.007454	-0.024219
	-0.026606					
x29	0.010127	0.021523	-0.029740	-0.078585	0.002244	0.000644
	0.034641	0.043082	0.049683	-0.068718	0.051225	-0.070773
	0.011536	0.000570	0.008456	-0.054852	-0.071494	-0.005420
	0.058782	-0.046746	0.076044	-0.005023	-0.000185	-0.080702
	-0.024891	0.021652	0.091100	0.044477	0.002965	0.034335
	-0.007412					
y29	-0.011299	-0.010949	0.000781	0.032228	0.003609	0.007596
	0.035954	0.057782	-0.018710	0.045167	0.055142	0.023961
	-0.014722	-0.028316	-0.044852	0.029161	0.023100	-0.047791
	-0.032353	0.019968	-0.063598	0.023491	0.019759	-0.038841
	0.146517	0.046990	0.020731	0.043993	-0.005204	-0.031654
	0.002261					
z29	-0.075934	-0.043040	0.002877	0.049165	-0.046834	-0.012554
	-0.057513	0.030613	-0.149471	0.005551	-0.041327	-0.005765
	0.050347	0.000447	0.100759	0.008946	0.101177	0.014425
	-0.017133	0.062697	0.080305	0.067478	-0.016132	0.075741
	-0.002160	0.027847	-0.087139	-0.004834	0.030409	-0.026364
	-0.034816					

x30	0.006333	0.018472	-0.032289	-0.065418	0.021875	0.018662
	0.031071	0.046661	0.045296	-0.066480	0.063625	-0.087458
	0.038547	-0.023127	0.026423	-0.024046	-0.088326	-0.049160
	0.054785	-0.018198	0.063578	0.016678	-0.027241	-0.116902
	-0.060797	0.029328	0.101575	0.095387	-0.024888	0.028402
	-0.012925					
y30	0.004017	-0.011145	0.011056	0.036727	0.014752	-0.009095
	0.048424	0.074704	-0.007765	0.034132	0.064491	0.014692
	-0.029407	-0.035340	-0.017881	0.009697	-0.008248	-0.031511
	-0.045873	0.032203	-0.029757	0.006178	0.002456	-0.024411
	0.111828	0.053918	-0.012436	0.034143	0.009849	-0.008179
	-0.036900					
z30	-0.067056	-0.042755	-0.002291	0.036193	-0.042575	-0.026289
	-0.026821	0.031100	-0.110899	-0.009362	-0.019565	-0.011050
	0.055053	-0.001522	0.101695	-0.018683	0.085495	-0.009354
	0.002455	0.054401	0.036274	0.066296	-0.029121	0.011152
	0.017277	0.057507	-0.042078	0.028936	0.011138	-0.015272
	-0.032343					
x31	0.013960	0.012013	-0.024586	-0.056291	0.042371	0.018653
	0.032501	0.054730	0.047702	-0.069011	0.070093	-0.082256
	0.071000	-0.023795	0.042481	0.022917	-0.093453	-0.044897
	0.060301	-0.036869	0.071000	0.013008	-0.032250	-0.108882
	-0.059789	-0.018924	0.058689	0.130154	-0.046622	0.013077
	0.011084					
y31	0.026401	-0.014065	0.024400	0.037676	0.033622	-0.035983
	0.065201	0.084070	0.006710	0.022836	0.070153	0.014314
	-0.029229	-0.019821	0.001582	-0.005267	-0.040766	0.000018
	-0.067174	0.018153	0.003929	-0.016505	-0.010873	0.004942
	0.081781	-0.003951	-0.061819	0.000877	-0.008721	-0.004817
	-0.014232					
z31	-0.048144	-0.046399	-0.003276	0.028963	-0.029539	-0.049120
	0.013289	0.033727	-0.068845	-0.027655	0.003959	-0.016880
	0.070492	0.012039	0.109017	-0.030254	0.078997	-0.016599
	0.002687	0.033823	0.007669	0.059824	-0.052265	-0.043444
	0.044577	0.032228	-0.047829	0.055884	-0.029615	-0.001811
	0.019917					
x32	0.018451	0.007026	-0.017124	-0.053268	0.056113	0.022095
	0.029124	0.054229	0.046784	-0.059637	0.068973	-0.073192
	0.085908	-0.027444	0.055873	0.054987	-0.086600	-0.041128
	0.053593	-0.049795	0.063036	0.015538	-0.034841	-0.090207
	-0.062570	-0.038989	0.037958	0.135225	-0.041770	-0.008606
	0.002605					

y32	0.042225	-0.014285	0.041238	0.032285	0.043029	-0.057944
	0.072403	0.093326	0.016659	0.016930	0.065059	0.017379
	-0.036654	0.002315	0.002635	-0.021488	-0.077482	0.030184
	-0.066559	-0.003645	0.029461	-0.029335	-0.019997	0.052431
	0.045895	-0.058523	-0.084067	-0.043707	-0.006081	-0.015911
	-0.021670					
z32	-0.029347	-0.047874	0.002270	0.013800	-0.022382	-0.067275
	0.040234	0.043052	-0.031977	-0.036298	0.020500	-0.011963
	0.080877	0.034714	0.107609	-0.017327	0.077144	-0.008400
	0.005102	-0.002107	-0.014769	0.057359	-0.044583	-0.056861
	0.064349	-0.006624	-0.054615	0.066527	-0.038550	-0.016915
	0.022538					
x33	0.021201	0.002972	-0.013220	-0.049456	0.064436	0.027442
	0.024735	0.045945	0.042201	-0.048119	0.065468	-0.068580
	0.091222	-0.032787	0.063509	0.068689	-0.075027	-0.037382
	0.038250	-0.049690	0.053619	0.017227	-0.042157	-0.078440
	-0.060601	-0.045897	0.021989	0.124611	-0.033226	-0.020666
	-0.011953					
y33	0.051954	-0.013942	0.050023	0.030391	0.049879	-0.072545
	0.070801	0.096490	0.024144	0.012846	0.052698	0.017612
	-0.044253	0.013603	0.012099	-0.041075	-0.103050	0.050033
	-0.062198	-0.020412	0.036430	-0.032491	-0.033106	0.071108
	0.016204	-0.069914	-0.083222	-0.068426	0.006106	-0.033301
	-0.009880					
z33	-0.017476	-0.045160	0.002767	-0.002371	-0.014254	-0.074908
	0.053576	0.040755	-0.017833	-0.032752	0.020914	0.002615
	0.070029	0.032483	0.103849	-0.033072	0.063973	-0.002214
	0.006357	-0.033926	-0.037991	0.065255	-0.046260	-0.059309
	0.068968	-0.028840	-0.022866	0.035259	-0.016767	-0.043298
	0.021049					
x34	0.024559	-0.002027	-0.009467	-0.046458	0.068881	0.029258
	0.021903	0.033124	0.038673	-0.037389	0.054558	-0.064572
	0.093862	-0.034885	0.066523	0.072516	-0.060240	-0.031770
	0.022529	-0.041929	0.039978	0.016494	-0.049684	-0.073368
	-0.054450	-0.048508	0.002746	0.106342	-0.031030	-0.020948
	-0.022645					
y34	0.055414	-0.013796	0.052092	0.034812	0.050697	-0.077081
	0.064798	0.096177	0.031314	0.009847	0.042102	0.003480
	-0.044128	0.025482	0.015462	-0.062148	-0.117853	0.057703
	-0.061012	-0.028795	0.036614	-0.036588	-0.042889	0.072663
	-0.004202	-0.053281	-0.078804	-0.063638	0.009440	-0.033555
	0.004297					

z34	-0.009598	-0.041687	-0.002541	-0.009048	-0.007641	-0.073112
	0.064819	0.043739	-0.010686	-0.033416	0.021846	0.003354
	0.065149	0.028677	0.091608	-0.045632	0.055556	0.011095
	0.006881	-0.060154	-0.044250	0.062425	-0.037995	-0.057814
	0.069541	-0.032543	-0.013399	0.046005	-0.005602	-0.044979
	0.026194					
x35	0.028740	-0.006949	-0.007417	-0.045941	0.069431	0.028095
	0.021442	0.016946	0.035210	-0.023961	0.039795	-0.061169
	0.088025	-0.029802	0.062932	0.065208	-0.041230	-0.024184
	-0.004454	-0.034244	0.014763	0.012110	-0.058849	-0.072959
	-0.039147	-0.039343	-0.030506	0.069044	-0.015868	-0.014583
	-0.039363					
y35	0.054127	-0.015074	0.052308	0.041767	0.047194	-0.075690
	0.050283	0.088168	0.036171	0.008764	0.027960	-0.013107
	-0.036569	0.038068	0.020162	-0.077192	-0.125873	0.055437
	-0.048128	-0.031158	0.039388	-0.034403	-0.051223	0.061377
	-0.024367	-0.030188	-0.051846	-0.040319	-0.006241	-0.040502
	0.024317					
z35	-0.006066	-0.038503	-0.005936	-0.011553	-0.002606	-0.062621
	0.064630	0.044142	-0.016555	-0.033598	0.012138	0.004631
	0.063803	0.017620	0.076864	-0.050688	0.044078	0.029832
	0.026299	-0.068025	-0.023758	0.059270	-0.021145	-0.049175
	0.050233	-0.049958	0.015553	0.065011	-0.028652	-0.033573
	0.054109					
x36	0.035260	-0.011411	-0.006003	-0.048416	0.064621	0.027009
	0.018077	-0.000235	0.032377	-0.006764	0.017817	-0.055835
	0.073251	-0.021182	0.043902	0.039556	-0.022143	-0.001624
	-0.032314	-0.033375	0.001460	0.003937	-0.062758	-0.063064
	-0.022656	-0.024443	-0.057556	0.020262	0.013024	-0.019413
	-0.069698					
y36	0.046965	-0.016061	0.046747	0.051997	0.039193	-0.068256
	0.031353	0.071584	0.038807	0.008682	0.011148	-0.034255
	-0.024683	0.052799	0.027453	-0.090039	-0.124439	0.034168
	-0.039975	-0.023082	0.024256	-0.028462	-0.058056	0.028843
	-0.033862	0.003289	-0.019560	-0.018847	-0.023276	-0.032828
	0.055112					
z36	-0.006508	-0.036542	-0.010783	-0.011320	0.002736	-0.051323
	0.065736	0.041675	-0.030825	-0.028459	0.002141	0.005065
	0.059461	0.010844	0.073482	-0.045237	0.038739	0.041179
	0.032921	-0.063624	-0.022272	0.052130	-0.006593	-0.045961
	0.033513	-0.057003	0.019758	0.061491	-0.052032	-0.006078
	0.088433					

x37	0.041544	-0.012792	-0.009249	-0.051706	0.060623	0.023706
	0.014882	-0.025517	0.029719	0.011055	-0.026639	-0.053496
	0.052333	-0.009120	0.029475	-0.012708	-0.002853	0.043666
	-0.058690	-0.036565	-0.010746	0.000752	-0.051353	-0.048875
	-0.017240	0.005885	-0.045220	-0.040456	0.046196	-0.031320
	-0.062269					
y37	0.035718	-0.018887	0.036526	0.063821	0.024725	-0.052652
	0.006217	0.052916	0.040486	0.010276	-0.004305	-0.055951
	-0.007851	0.067122	0.022630	-0.099155	-0.116296	-0.003794
	-0.031151	-0.013702	0.002477	-0.020910	-0.070688	-0.017843
	-0.034070	0.043511	0.008608	0.006349	-0.037091	-0.033195
	0.076594					
z37	-0.004727	-0.038272	-0.018426	-0.010351	0.006225	-0.030155
	0.059361	0.043841	-0.048093	-0.016497	-0.008823	0.006271
	0.053974	0.002630	0.058344	-0.030518	0.036001	0.048955
	0.036271	-0.063998	-0.021294	0.032878	0.009163	-0.029117
	0.008018	-0.058329	-0.016420	0.039104	-0.057874	-0.006241
	0.064221					
x38	0.039795	-0.009864	0.000097	-0.056305	0.045463	0.018472
	0.018426	-0.051718	0.005973	0.018897	-0.064768	-0.046787
	0.023134	-0.018999	0.007181	-0.052393	0.039250	0.092099
	-0.082604	-0.024627	-0.050297	-0.004331	-0.041989	-0.015750
	-0.007025	0.052179	-0.041791	-0.057845	0.046751	0.020957
	-0.044938					
y38	0.024172	-0.025992	0.023210	0.075128	0.008407	-0.033244
	-0.023373	0.024329	0.053570	0.018114	-0.027822	-0.090560
	0.017165	0.084334	0.020261	-0.122119	-0.106221	-0.052690
	-0.019655	0.005020	-0.034479	-0.006926	-0.095164	-0.073236
	-0.035404	0.110021	0.049123	0.007248	-0.053437	-0.059481
	0.101257					
z38	-0.000265	-0.040703	-0.032654	-0.004083	0.014778	-0.004529
	0.046263	0.041071	-0.070398	-0.000054	-0.032675	0.003652
	0.050079	-0.009587	0.032087	-0.025685	0.024171	0.061646
	0.031927	-0.069181	-0.001763	0.015098	0.021408	-0.008603
	-0.028257	-0.070857	-0.049279	-0.016040	-0.040454	-0.042802
	0.042724					
x39	0.036692	-0.006683	0.007851	-0.054864	0.039762	0.010283
	0.022310	-0.047065	-0.010240	0.019835	-0.066372	-0.050443
	0.020591	-0.021004	-0.002473	-0.041244	0.049007	0.109362
	-0.074087	-0.008357	-0.042996	0.000443	-0.028018	0.003170
	0.016149	0.044367	-0.046057	-0.033773	0.021133	0.030699
	-0.032118					

y39	0.016644	-0.013026	0.019659	0.063612	0.006631	-0.030612
	-0.025439	0.029387	0.056804	0.018252	-0.027497	-0.104838
	0.039137	0.055465	0.013468	-0.099802	-0.084075	-0.052997
	0.000620	0.032730	-0.031247	-0.010374	-0.083625	-0.013631
	-0.018792	0.057917	0.061635	0.011593	-0.031257	-0.040242
	0.115766					
z39	0.002395	-0.041213	-0.034072	-0.002853	0.010544	-0.010165
	0.042952	0.040187	-0.065268	0.005141	-0.042424	0.011829
	0.047016	-0.007137	0.015765	-0.004667	0.005505	0.035093
	0.055241	-0.067422	-0.026988	0.021850	0.004828	-0.002820
	-0.045795	-0.070933	-0.027207	-0.012022	-0.026151	-0.069180
	0.044929					
x40	0.032455	-0.005712	0.011843	-0.053243	0.040594	0.005574
	0.023195	-0.045904	-0.026633	0.026187	-0.063308	-0.055464
	0.020188	-0.021260	-0.007318	-0.042536	0.050861	0.116033
	-0.064454	0.004662	-0.035135	0.003163	-0.008199	0.013092
	0.037924	0.033616	-0.035077	-0.023786	0.004007	0.038255
	-0.023760					
y40	0.010380	-0.000428	0.016688	0.052502	0.002624	-0.030242
	-0.026058	0.033786	0.058718	0.015788	-0.029758	-0.113769
	0.054296	0.032452	0.006716	-0.078655	-0.063362	-0.049410
	0.019775	0.056520	-0.029259	-0.011067	-0.075733	0.036722
	-0.003262	0.020145	0.061186	0.020772	-0.010996	-0.025190
	0.125307					
z40	0.004441	-0.039718	-0.033816	-0.003150	0.005460	-0.017166
	0.041737	0.040118	-0.061140	0.007665	-0.048415	0.021796
	0.041829	-0.002630	0.001246	0.017632	-0.003370	0.018417
	0.076297	-0.062879	-0.047955	0.028362	-0.013064	0.011713
	-0.055532	-0.068085	-0.013135	0.000692	-0.012023	-0.083950
	0.036888					
x41	0.028985	-0.005940	0.010820	-0.048614	0.041575	0.004650
	0.020507	-0.041525	-0.038937	0.033602	-0.065156	-0.058454
	0.023920	-0.023332	0.001231	-0.032647	0.047308	0.107769
	-0.047866	0.011917	-0.031796	0.015048	-0.007541	0.022650
	0.042941	0.022011	-0.023809	-0.009338	-0.011126	0.030558
	-0.000144					
y41	0.004199	0.010963	0.014829	0.042454	-0.000296	-0.031576
	-0.025633	0.034578	0.057814	0.012480	-0.029093	-0.119344
	0.061534	0.016576	-0.001165	-0.063462	-0.046676	-0.042186
	0.032265	0.071530	-0.030735	-0.018191	-0.060466	0.072861
	0.010796	-0.009021	0.052541	0.023737	0.007210	-0.009821
	0.122723					

z41	0.005391	-0.036936	-0.032943	-0.008561	0.003250	-0.021834
	0.039751	0.036818	-0.055647	0.008594	-0.049042	0.031716
	0.035591	0.002607	-0.010803	0.029009	-0.006085	0.008905
	0.088754	-0.054672	-0.060389	0.034203	-0.022352	0.024834
	-0.052464	-0.062368	0.002030	0.009653	0.000916	-0.083819
	0.018838					
x42	0.024424	-0.003396	0.008275	-0.045582	0.044064	0.005795
	0.018694	-0.037295	-0.044722	0.038100	-0.066375	-0.067289
	0.028030	-0.026615	0.014298	-0.020513	0.041710	0.097545
	-0.033234	0.017978	-0.043907	0.011233	0.011528	0.034020
	0.045411	0.005265	-0.020079	-0.001191	-0.009856	0.023048
	-0.000908					
y42	-0.000980	0.018439	0.012443	0.032936	-0.001221	-0.032714
	-0.026757	0.034000	0.057753	0.011656	-0.029729	-0.112785
	0.060690	0.003858	-0.005106	-0.049317	-0.029811	-0.034503
	0.041384	0.076425	-0.018428	-0.015313	-0.055901	0.097617
	0.025626	-0.027161	0.043292	0.029108	0.011149	-0.000106
	0.111191					
z42	0.007228	-0.034824	-0.032507	-0.012955	0.002079	-0.024818
	0.035006	0.031591	-0.051567	0.009170	-0.045361	0.041267
	0.028976	0.011008	-0.017695	0.036440	-0.010679	0.000486
	0.093177	-0.049435	-0.069527	0.037532	-0.034283	0.029657
	-0.053402	-0.050438	0.018414	0.011664	0.013383	-0.077318
	0.012945					
x43	0.019860	0.001856	0.002832	-0.045967	0.048306	0.005977
	0.015093	-0.036181	-0.050997	0.039588	-0.067439	-0.070461
	0.026241	-0.028905	0.022336	-0.009750	0.028701	0.087966
	-0.015591	0.025645	-0.049382	0.014522	0.022525	0.050816
	0.050366	-0.008625	-0.021181	0.001192	-0.002841	0.024327
	-0.004209					
y43	-0.006463	0.023592	0.009211	0.024089	0.000180	-0.031524
	-0.028491	0.031882	0.060810	0.013656	-0.027654	-0.099804
	0.054497	-0.003274	-0.003541	-0.036853	-0.010444	-0.027870
	0.043160	0.069013	-0.005988	-0.011843	-0.046945	0.105117
	0.037026	-0.031688	0.035172	0.034221	0.008986	0.002963
	0.085905					
z43	0.009784	-0.034013	-0.031857	-0.016274	0.000722	-0.025249
	0.029151	0.026811	-0.047174	0.009070	-0.039727	0.047248
	0.021697	0.019244	-0.019260	0.039944	-0.013938	-0.006724
	0.090245	-0.046150	-0.078617	0.033552	-0.042019	0.030256
	-0.057395	-0.037699	0.033051	0.011039	0.025767	-0.068276
	0.007227					

x44	0.015552	0.006973	-0.001976	-0.046270	0.053518	0.007847
	0.011921	-0.039715	-0.051768	0.038028	-0.066550	-0.067596
	0.019934	-0.025219	0.028411	-0.003521	0.012889	0.073935
	0.001341	0.033465	-0.054533	0.024463	0.030597	0.055955
	0.046861	-0.012876	-0.023685	-0.005686	0.010910	0.030474
	-0.018388					
y44	-0.012675	0.028132	0.002397	0.016972	0.004116	-0.031958
	-0.030710	0.028978	0.060224	0.013840	-0.022349	-0.081507
	0.043153	-0.004787	0.002081	-0.022686	0.006811	-0.020453
	0.041704	0.049654	0.005363	-0.010749	-0.034688	0.102789
	0.043268	-0.028367	0.025674	0.040278	0.006340	-0.006414
	0.056526					
z44	0.013421	-0.032746	-0.031178	-0.021077	-0.000811	-0.023671
	0.023166	0.022570	-0.041899	0.011854	-0.032254	0.050867
	0.013063	0.026276	-0.015827	0.038306	-0.014999	-0.012033
	0.082343	-0.040671	-0.086741	0.026304	-0.052191	0.034149
	-0.056488	-0.024006	0.050084	0.009981	0.042766	-0.050710
	-0.001960					
x45	0.011179	0.012339	-0.011038	-0.050848	0.060972	0.015699
	0.008438	-0.039625	-0.046097	0.034251	-0.058467	-0.057467
	0.004401	-0.022178	0.040014	0.009102	-0.004057	0.048527
	0.007989	0.029886	-0.053068	0.027635	0.031140	0.058696
	0.042953	-0.012137	-0.026823	-0.017851	0.035431	0.030573
	-0.036817					
y45	-0.019317	0.033161	-0.005477	0.015513	0.009999	-0.038802
	-0.030559	0.019521	0.050006	0.006717	-0.013964	-0.059984
	0.026992	0.001284	0.007658	-0.009838	0.018614	-0.009626
	0.041440	0.023157	0.003545	-0.010061	-0.019186	0.084341
	0.038148	-0.023132	0.016177	0.042652	0.007945	-0.032917
	0.022948					
z45	0.018039	-0.031293	-0.031629	-0.028375	-0.001516	-0.018426
	0.015393	0.019044	-0.032783	0.021502	-0.022432	0.053406
	0.006590	0.034712	-0.005361	0.031589	-0.013345	-0.017522
	0.070937	-0.031096	-0.089184	0.018312	-0.067219	0.044770
	-0.054295	-0.003830	0.066832	0.007462	0.064159	-0.013470
	-0.022222					
x46	0.008229	0.014596	-0.018279	-0.056411	0.068975	0.025748
	-0.000007	-0.039686	-0.038870	0.030247	-0.051712	-0.043449
	-0.014426	-0.017069	0.055493	0.024712	-0.025002	0.030842
	0.011282	0.020247	-0.052002	0.020616	0.038528	0.052407
	0.039739	0.000560	-0.031790	-0.027075	0.054242	0.033639
	-0.052908					

y46	-0.024772	0.038003	-0.014965	0.014430	0.015234	-0.045437
	-0.029858	0.010346	0.041924	0.003695	-0.007697	-0.035207
	0.007165	0.009194	0.018611	-0.000769	0.023027	-0.002965
	0.039486	-0.007978	0.000221	-0.009087	-0.012423	0.063308
	0.028341	-0.011438	0.002720	0.038139	0.014095	-0.061611
	-0.016902					
z46	0.021482	-0.028356	-0.034277	-0.036109	0.000721	-0.009822
	0.006219	0.015577	-0.025682	0.031362	-0.005911	0.054397
	-0.000914	0.045606	0.010948	0.024874	-0.009874	-0.024274
	0.058133	-0.024256	-0.089881	0.006264	-0.079882	0.057583
	-0.052284	0.012687	0.082721	0.006758	0.090315	0.032769
	-0.049875					
x47	0.014952	0.010771	0.035029	-0.029730	0.058495	0.039441
	0.028894	0.003111	-0.104753	-0.028652	-0.022206	0.008226
	-0.074695	0.046439	-0.050028	0.086635	0.004921	0.106437
	0.024864	0.001946	-0.031668	0.049417	0.048543	0.045087
	0.052910	0.078266	0.007038	-0.012779	0.046701	-0.076473
	0.045387					
y47	-0.033512	0.045430	-0.048545	0.033376	0.041297	-0.070590
	-0.050670	-0.063357	0.036397	0.036233	0.037507	0.026096
	-0.043429	0.056649	0.029248	-0.016385	0.018966	0.021673
	-0.035093	0.059623	0.082966	0.023785	0.071220	-0.045470
	0.045767	0.010536	0.024173	0.082938	-0.013429	0.118135
	0.040843					
z47	0.056970	-0.059591	0.001813	-0.045127	0.017600	-0.038358
	0.031536	0.023921	-0.008303	0.064366	-0.001787	0.047560
	-0.038213	0.038673	0.010535	-0.014495	-0.064947	0.059105
	0.010576	-0.070525	-0.022576	-0.069860	0.037646	-0.052779
	0.036592	0.075511	-0.042073	0.045144	0.036162	0.011105
	-0.019325					
x48	0.012413	0.018521	0.035707	-0.023290	0.064583	0.048041
	0.019388	-0.002553	-0.102756	-0.028872	-0.018992	0.011182
	-0.074902	0.036603	-0.028418	0.071696	0.007870	0.088962
	0.007207	0.007748	-0.012758	0.056062	0.039659	0.042992
	0.052376	0.059575	0.012175	-0.012804	0.036375	-0.053204
	0.069160					
y48	-0.035856	0.046339	-0.049664	0.022759	0.038561	-0.072795
	-0.045046	-0.057468	0.032258	0.032913	0.033874	0.028083
	-0.035209	0.056758	0.025505	-0.008826	0.012561	0.013144
	-0.030720	0.053232	0.082967	0.015625	0.065649	-0.042934
	0.050788	0.002867	0.019083	0.067832	-0.007331	0.089762
	0.048549					

z48	0.055931	-0.059994	0.000777	-0.042488	0.016534	-0.035598
	0.027658	0.016942	-0.010305	0.053094	0.000827	0.046229
	-0.036259	0.034694	0.005831	-0.019045	-0.055622	0.043995
	0.008577	-0.048716	-0.016448	-0.069408	0.055953	-0.040396
	0.029102	0.067115	-0.021346	0.048540	0.015229	-0.006960
	-0.020648					
x49	0.008620	0.027743	0.034030	-0.017003	0.067026	0.054666
	0.012950	-0.003052	-0.100173	-0.026154	-0.013510	0.015507
	-0.070339	0.027274	-0.012709	0.062576	0.005791	0.070083
	-0.000478	0.016191	-0.004440	0.061733	0.020224	0.044350
	0.042209	0.051520	0.016834	-0.005221	0.039352	-0.028480
	0.072694					
y49	-0.039145	0.050722	-0.051901	0.016263	0.033940	-0.074956
	-0.035302	-0.049146	0.024288	0.030202	0.034205	0.028623
	-0.029100	0.060640	0.019871	0.001920	0.003224	0.008942
	-0.011583	0.050211	0.069470	0.013907	0.053982	-0.036914
	0.046369	0.008521	0.015069	0.059218	0.009670	0.072396
	0.034212					
z49	0.053944	-0.057554	-0.000342	-0.038048	0.015681	-0.033645
	0.026787	0.011732	-0.014808	0.043374	0.004551	0.042669
	-0.036093	0.034964	-0.001488	-0.019704	-0.045952	0.033916
	0.010489	-0.028828	-0.017167	-0.065454	0.069757	-0.031166
	0.016170	0.068841	-0.006316	0.054325	0.004084	-0.020460
	-0.027845					
x50	0.003639	0.031236	0.033742	-0.015911	0.071709	0.059644
	0.003839	-0.002374	-0.096523	-0.029431	-0.009551	0.017557
	-0.067746	0.015392	0.000064	0.049245	0.007312	0.060693
	-0.014859	0.012859	0.002951	0.065568	0.008408	0.039424
	0.040738	0.042175	0.025051	0.002296	0.028775	-0.013278
	0.083610					
y50	-0.042413	0.051560	-0.053836	0.007963	0.031644	-0.075053
	-0.034365	-0.045803	0.022163	0.022755	0.027047	0.024194
	-0.027227	0.060872	0.018898	0.004666	0.000028	0.024596
	0.003928	0.038124	0.069658	0.023698	0.043693	-0.027827
	0.045365	0.014806	0.027700	0.045670	-0.000807	0.063334
	0.009341					
z50	0.052502	-0.055931	-0.001261	-0.036269	0.016264	-0.028475
	0.021899	0.008453	-0.017899	0.034171	0.003758	0.040365
	-0.038708	0.029696	-0.006879	-0.025579	-0.036717	0.031909
	0.006849	-0.014956	-0.012048	-0.055761	0.078115	-0.016319
	0.011457	0.071156	0.019124	0.054712	-0.015848	-0.022903
	-0.036873					

x51	-0.002832	0.034174	0.033606	-0.015630	0.074356	0.063400
	-0.003631	-0.001639	-0.089032	-0.030823	-0.005299	0.018307
	-0.059416	0.006301	0.006449	0.039296	0.007678	0.048591
	-0.022098	0.010497	0.007713	0.064792	-0.009600	0.031506
	0.029828	0.028634	0.024573	0.013948	0.020857	0.001297
	0.092860					
y51	-0.046322	0.056442	-0.053896	0.000013	0.032010	-0.073028
	-0.032477	-0.042099	0.022454	0.016622	0.024885	0.023666
	-0.023003	0.064392	0.011579	0.006208	0.001404	0.026659
	0.010838	0.030064	0.066380	0.013835	0.028627	-0.017034
	0.035452	0.015717	0.021913	0.052395	-0.001925	0.048474
	0.008933					
z51	0.049937	-0.051256	-0.001711	-0.033981	0.019250	-0.022823
	0.017946	0.002736	-0.018769	0.026135	0.005249	0.037626
	-0.039659	0.030487	-0.015993	-0.029480	-0.026124	0.025052
	0.001007	0.000320	-0.008482	-0.054614	0.077528	-0.001559
	-0.001669	0.069866	0.029475	0.062127	-0.029800	-0.024285
	-0.031996					
x52	-0.008812	0.033146	0.033737	-0.014000	0.074952	0.066520
	-0.009219	0.002298	-0.080742	-0.030879	-0.001989	0.014909
	-0.053637	-0.005346	0.013543	0.027969	0.009758	0.036286
	-0.021548	0.005801	0.008271	0.055714	-0.017098	0.017537
	0.025109	0.007724	0.026413	0.021368	0.013758	0.006691
	0.103517					
y52	-0.047963	0.059352	-0.053936	-0.002230	0.031241	-0.067712
	-0.027353	-0.037160	0.018783	0.012424	0.021261	0.018717
	-0.021586	0.069569	0.013812	0.002988	0.008893	0.032626
	0.026444	0.022296	0.062738	0.012031	0.022959	-0.019267
	0.030375	0.011043	0.012561	0.049041	0.003720	0.043468
	0.017724					
z52	0.048049	-0.045880	-0.001890	-0.028383	0.023431	-0.016981
	0.017750	-0.000413	-0.022205	0.018776	0.008661	0.030565
	-0.041276	0.031245	-0.019150	-0.034746	-0.008321	0.020367
	0.003129	0.012846	-0.006003	-0.048294	0.081105	0.003975
	-0.003300	0.059045	0.037400	0.062008	-0.035897	-0.028898
	-0.018210					
x53	-0.015788	0.031508	0.033875	-0.015951	0.075189	0.067005
	-0.014880	0.006458	-0.070313	-0.031474	0.001356	0.011531
	-0.042113	-0.016428	0.017929	0.019336	0.006884	0.025584
	-0.016322	0.000160	0.007732	0.042461	-0.027681	0.001102
	0.017279	-0.002666	0.025782	0.025233	0.012451	0.008194
	0.105992					

y53	-0.049353	0.064272	-0.051279	-0.008638	0.032378	-0.059863
	-0.024880	-0.034384	0.017081	0.007061	0.016862	0.016412
	-0.019048	0.072702	0.015716	0.003034	0.011891	0.036871
	0.037977	0.019952	0.053437	0.006889	0.019370	-0.016289
	0.023906	0.018268	0.011288	0.055928	0.006788	0.041438
	0.026483					
z53	0.046136	-0.038246	-0.000675	-0.025677	0.029362	-0.007992
	0.014691	-0.005042	-0.021456	0.014539	0.008936	0.026212
	-0.040983	0.033088	-0.021043	-0.037886	0.004271	0.016276
	0.002136	0.026328	-0.001909	-0.044231	0.077045	0.012497
	-0.003413	0.061888	0.047366	0.061832	-0.038995	-0.021805
	-0.004552					
x54	-0.024449	0.028011	0.032144	-0.018136	0.073150	0.065727
	-0.017643	0.016298	-0.056772	-0.029387	0.005777	0.008126
	-0.030486	-0.032105	0.017366	0.013011	0.000576	0.010893
	-0.000152	-0.001201	0.002535	0.023637	-0.040297	-0.009760
	0.009256	-0.020309	0.026974	0.032419	0.012275	0.000924
	0.092750					
y54	-0.051631	0.070146	-0.049587	-0.013819	0.034519	-0.053629
	-0.019709	-0.030279	0.013229	0.000587	0.012336	0.016526
	-0.018968	0.071630	0.014461	0.002571	0.009790	0.038623
	0.050794	0.020934	0.040522	0.004138	0.009538	-0.016371
	0.021519	0.011733	0.002955	0.065079	0.021778	0.041117
	0.030397					
z54	0.042215	-0.029175	0.000102	-0.021441	0.037953	-0.001677
	0.014668	-0.010942	-0.026049	0.006318	0.010262	0.020412
	-0.044298	0.031781	-0.026296	-0.042132	0.011958	0.010841
	0.001983	0.039353	-0.003915	-0.037313	0.070285	0.015522
	-0.004276	0.051103	0.050548	0.056674	-0.035744	-0.020089
	0.013569					
x55	-0.032988	0.022179	0.028942	-0.020575	0.068571	0.061314
	-0.018216	0.028177	-0.043540	-0.024691	0.012806	0.002953
	-0.018457	-0.048877	0.014338	0.011777	-0.008273	0.002381
	0.021253	-0.003275	-0.010410	-0.006100	-0.051371	-0.019224
	-0.004023	-0.038065	0.025840	0.036185	0.008403	-0.020023
	0.079455					
y55	-0.052498	0.072875	-0.043143	-0.019887	0.030612	-0.045645
	-0.013256	-0.019650	0.012661	-0.004084	-0.003564	0.020631
	-0.016913	0.072151	0.027131	0.003438	0.011303	0.044437
	0.059509	0.021720	0.035842	-0.010939	-0.003382	0.005715
	0.011705	0.007033	0.004826	0.065627	0.021513	0.037623
	0.001846					

z55	0.040109	-0.023476	0.004825	-0.022963	0.041800	0.008778
	0.014621	-0.008295	-0.020734	0.006675	-0.000941	0.019654
	-0.047244	0.030175	-0.020086	-0.040323	0.027989	0.011551
	-0.007337	0.046661	0.008857	-0.027766	0.058080	0.037291
	0.004977	0.045984	0.061568	0.051244	-0.045688	-0.004834
	-0.001893					
x56	-0.042606	0.014148	0.024733	-0.022710	0.061771	0.055855
	-0.020114	0.045201	-0.026991	-0.021705	0.020111	-0.001275
	-0.003639	-0.060919	0.011834	0.012594	-0.018612	-0.017901
	0.044001	-0.014643	-0.020460	-0.035963	-0.067608	-0.027979
	-0.021863	-0.052714	0.034075	0.029002	0.018544	-0.041064
	0.049177					
y56	-0.051749	0.076798	-0.047478	-0.016854	0.033056	-0.039737
	-0.012666	-0.015406	0.009166	-0.000499	0.006829	0.031094
	-0.019852	0.075742	0.027889	0.008055	0.006262	0.040216
	0.068366	0.010422	0.024839	-0.000279	-0.004183	0.028104
	0.003610	0.012507	-0.006008	0.048693	0.037762	0.034529
	0.031887					
z56	0.037545	-0.015259	0.001025	-0.017776	0.053028	0.013544
	0.012963	-0.014392	-0.021899	0.004540	0.008391	0.017930
	-0.049577	0.032503	-0.020964	-0.035226	0.038351	0.010275
	-0.016987	0.042151	0.013385	-0.007066	0.053960	0.043387
	0.015672	0.049356	0.059927	0.019704	-0.046417	0.002190
	0.032105					
x57	-0.049012	0.004268	0.027500	-0.014181	0.053955	0.041044
	-0.026933	0.039872	-0.014906	-0.023453	0.025749	0.016022
	0.000757	-0.069087	0.000844	0.009114	-0.010494	-0.016586
	0.018259	-0.013733	-0.033017	-0.024943	-0.070609	-0.012572
	-0.019582	-0.031128	0.035145	0.014398	0.019679	-0.051242
	0.026864					
y57	-0.054910	0.077154	-0.043469	-0.022435	0.028465	-0.036949
	-0.010989	-0.010044	0.002984	-0.005514	-0.000329	0.029783
	-0.014704	0.064393	0.031030	0.013158	0.004331	0.038965
	0.051443	0.010972	0.017314	0.001666	0.008983	0.023433
	0.000744	-0.003974	-0.010280	0.032862	0.034368	0.031708
	0.009519					
z57	0.034234	-0.007195	0.000080	-0.018549	0.054559	0.020887
	0.020516	-0.010007	-0.027613	-0.006796	0.011877	0.014472
	-0.044657	0.027437	-0.021958	-0.030420	0.029527	0.001531
	-0.018148	0.043337	0.023018	-0.009599	0.052251	0.037662
	0.020469	0.020094	0.064825	0.006042	-0.041751	-0.010520
	0.025495					

x58	-0.055052	-0.005295	0.030425	-0.006657	0.047213	0.027113
	-0.033353	0.035424	-0.003547	-0.023210	0.030991	0.028382
	0.004407	-0.074084	-0.005570	0.007104	-0.001457	-0.013878
	0.000030	-0.013124	-0.046303	-0.018873	-0.074172	-0.001682
	-0.015082	-0.009762	0.030865	0.005112	0.017285	-0.059110
	0.006487					
y58	-0.057830	0.076800	-0.039214	-0.030730	0.027938	-0.035185
	-0.008550	-0.005061	0.000261	-0.004951	-0.008180	0.025304
	-0.012681	0.052730	0.036426	0.017859	0.003601	0.039315
	0.041058	0.013240	0.004930	-0.002750	0.006638	0.008420
	-0.003449	-0.006531	-0.013201	0.032872	0.024734	0.023078
	-0.004345					
z58	0.030080	-0.000762	-0.000390	-0.019436	0.058907	0.025555
	0.027245	-0.005400	-0.026544	-0.011479	0.014910	0.007169
	-0.041730	0.021917	-0.017724	-0.026298	0.027269	-0.005073
	-0.014151	0.045935	0.023333	-0.017242	0.040842	0.023763
	0.023567	0.013162	0.061474	-0.002186	-0.042496	-0.020568
	0.016866					
x59	-0.060457	-0.013280	0.032001	-0.000312	0.039403	0.016815
	-0.040370	0.032249	0.005574	-0.022423	0.036125	0.035835
	0.006250	-0.072944	-0.009776	0.009922	0.006113	-0.009453
	-0.014559	-0.015914	-0.053798	-0.017619	-0.073668	0.008972
	-0.010648	0.002030	0.024114	0.001394	0.015606	-0.062363
	-0.018206					
y59	-0.061240	0.075507	-0.035442	-0.034822	0.024998	-0.032178
	-0.010372	0.000780	0.002539	-0.006914	-0.013628	0.023324
	-0.006028	0.038870	0.032936	0.018853	0.003901	0.053571
	0.032386	0.023270	0.004084	-0.006629	0.016123	0.016046
	-0.018085	-0.008859	-0.010386	0.012982	0.020004	0.004541
	-0.003292					
z59	0.024893	0.005039	-0.002852	-0.017731	0.060828	0.030887
	0.026448	-0.001945	-0.021694	-0.017780	0.017857	-0.001471
	-0.037389	0.017699	-0.018240	-0.020057	0.025065	0.003829
	-0.003468	0.044521	0.037318	-0.022464	0.044475	0.023262
	0.018597	0.003039	0.061063	-0.019963	-0.045677	-0.031538
	0.007555					
x60	-0.065956	-0.020425	0.032431	0.005601	0.032024	0.008830
	-0.046845	0.026451	0.011326	-0.018884	0.041132	0.040809
	0.005296	-0.071626	-0.016306	0.009442	0.012302	-0.005061
	-0.026742	-0.018239	-0.062845	-0.015211	-0.073869	0.013553
	-0.006067	0.009168	0.019630	-0.002602	0.005739	-0.057096
	-0.024978					

y60	-0.062673	0.069720	-0.030814	-0.039143	0.024241	-0.030988
	-0.011229	0.007810	0.001743	-0.006746	-0.019867	0.027035
	-0.007644	0.031198	0.031917	0.021732	0.005302	0.047933
	0.016545	0.017841	0.006064	0.006743	0.022734	0.006124
	-0.020583	-0.011069	0.000397	0.004203	0.005678	0.017919
	-0.021508					
z60	0.020671	0.006879	-0.002280	-0.016771	0.062703	0.034091
	0.027810	0.006454	-0.013386	-0.019427	0.018331	0.001260
	-0.037649	0.009103	-0.015611	-0.008964	0.028320	0.000946
	-0.009570	0.039534	0.047825	-0.016545	0.042974	0.011431
	0.020226	-0.008663	0.070136	-0.024806	-0.050101	-0.014595
	-0.016856					
x61	-0.070566	-0.025529	0.031349	0.010488	0.022943	0.005137
	-0.052237	0.022778	0.018121	-0.012249	0.047017	0.042347
	0.003245	-0.066023	-0.020622	0.010308	0.015939	0.000051
	-0.033794	-0.020045	-0.069389	-0.016465	-0.075978	0.020980
	-0.001449	0.011380	0.016823	-0.001565	-0.004617	-0.047384
	-0.029196					
y61	-0.063082	0.069024	-0.027228	-0.039894	0.022572	-0.030061
	-0.008718	0.013949	-0.003170	0.000278	-0.023811	0.025333
	-0.005227	0.026827	0.032503	0.024750	0.001280	0.035813
	0.006572	0.014732	-0.001719	-0.001540	0.003521	0.001401
	-0.017686	-0.014986	-0.000019	0.001070	0.008406	0.004939
	-0.025439					
z61	0.015933	0.011973	-0.000679	-0.014675	0.065600	0.032022
	0.028218	0.010202	-0.011973	-0.016932	0.021543	-0.002801
	-0.032724	0.007999	-0.012728	-0.000406	0.030878	-0.005800
	-0.015864	0.036129	0.035698	-0.018758	0.024625	-0.002778
	0.022197	-0.020787	0.047959	-0.025665	-0.043632	-0.016252
	-0.023467					
x62	-0.075116	-0.029735	0.030056	0.014488	0.013039	0.003578
	-0.057442	0.020614	0.022254	-0.004665	0.053000	0.037647
	-0.000191	-0.054062	-0.019974	0.012823	0.020876	0.004310
	-0.037330	-0.023784	-0.075231	-0.021665	-0.072330	0.022685
	0.001894	0.010107	0.011023	0.004676	-0.008989	-0.033514
	-0.041911					
y62	-0.062578	0.069459	-0.025445	-0.042231	0.020996	-0.027126
	-0.000320	0.016446	-0.003346	0.005918	-0.027341	0.027351
	-0.002508	0.014911	0.028428	0.020321	-0.005445	0.027955
	-0.001228	0.016957	-0.001217	-0.015259	-0.020112	0.010163
	-0.016539	-0.017536	0.003460	0.001745	-0.009288	-0.005656
	-0.027712					

z62	0.012423	0.014993	-0.000617	-0.013330	0.067257	0.030490
	0.032289	0.010548	-0.003140	-0.014256	0.023262	-0.002718
	-0.031588	0.000532	-0.011756	-0.000901	0.030455	-0.010354
	-0.024421	0.031417	0.037063	-0.022981	0.004455	-0.001588
	0.022228	-0.023386	0.028213	-0.024321	-0.052473	-0.018883
	-0.026006					
x63	-0.078300	-0.033803	0.028104	0.017602	0.003285	0.004638
	-0.061826	0.016447	0.026726	0.004635	0.060927	0.031432
	-0.003267	-0.041401	-0.018424	0.022617	0.025498	0.017992
	-0.035021	-0.030094	-0.078806	-0.031388	-0.066514	0.022430
	0.014177	0.007109	-0.007744	0.018202	-0.025287	-0.017187
	-0.032704					
y63	-0.064398	0.066701	-0.025389	-0.042764	0.020626	-0.020918
	0.000018	0.022247	-0.009442	0.007120	-0.030979	0.028340
	-0.002148	0.014695	0.021839	0.003466	-0.007789	0.011895
	-0.018224	0.011464	-0.001730	-0.016368	-0.024346	0.015945
	-0.022576	-0.019614	0.027043	-0.006575	-0.006307	0.001598
	-0.031442					
z63	0.004818	0.018524	-0.002407	-0.009875	0.067799	0.032577
	0.026390	0.015370	0.000954	-0.015587	0.024942	-0.004218
	-0.031620	-0.003386	-0.012339	-0.002973	0.037917	-0.015381
	-0.039611	0.022736	0.037024	-0.026587	0.002308	-0.010286
	0.007234	-0.027155	0.033828	-0.020855	-0.037407	-0.007394
	-0.042229					
x64	-0.081873	-0.035493	0.024355	0.018504	-0.006905	0.009817
	-0.067479	0.012078	0.026252	0.016136	0.066515	0.021264
	-0.009460	-0.026374	-0.017886	0.022702	0.022384	0.027086
	-0.029880	-0.037240	-0.080324	-0.039766	-0.062507	0.021435
	0.023184	-0.003808	-0.016765	0.030397	-0.043868	0.007901
	-0.020894					
y64	-0.064756	0.061026	-0.021661	-0.041715	0.015641	-0.015252
	0.005647	0.023223	-0.010276	0.010129	-0.034328	0.024696
	-0.004482	0.012604	0.020353	0.003733	-0.010824	0.003861
	-0.027025	0.013821	-0.004047	-0.019603	-0.034751	0.002348
	-0.019966	-0.019168	0.042118	-0.016831	0.002229	-0.004684
	-0.029303					
z64	-0.002114	0.018230	-0.000340	-0.004988	0.064304	0.031233
	0.023583	0.016146	0.010309	-0.015034	0.027592	-0.008662
	-0.034325	-0.008626	-0.007850	0.006666	0.044157	-0.015230
	-0.050078	0.020823	0.027463	-0.020289	-0.003191	-0.033687
	0.004214	-0.026326	0.023767	-0.018843	-0.020175	-0.004133
	-0.061727					

x65	-0.085351	-0.035831	0.021964	0.018506	-0.018992	0.016922
	-0.071526	0.012172	0.027177	0.028288	0.067380	0.005367
	-0.017075	-0.005393	-0.009324	0.026178	0.021588	0.031636
	-0.024480	-0.043611	-0.079064	-0.057375	-0.062512	0.021416
	0.027621	-0.020471	-0.023760	0.048045	-0.053484	0.038117
	-0.026264					
y65	-0.062779	0.054832	-0.021955	-0.040275	0.014191	-0.008374
	0.012046	0.019173	-0.014279	0.013366	-0.025975	0.026655
	-0.004617	0.013468	0.008784	-0.000496	-0.009849	0.000559
	-0.028705	0.005037	-0.004440	-0.024897	-0.035026	-0.004554
	-0.005021	-0.010466	0.034386	-0.024141	-0.012334	-0.004765
	-0.000454					
z65	-0.008107	0.017693	-0.001453	0.001130	0.062981	0.029066
	0.019016	0.011978	0.014733	-0.015151	0.039744	-0.009183
	-0.035378	-0.015637	-0.011343	0.014000	0.053606	-0.007429
	-0.056703	0.010066	0.017121	-0.022214	0.002744	-0.052339
	0.006233	-0.015732	-0.012567	-0.011118	-0.014174	0.000648
	-0.056979					
x66	-0.090165	-0.036655	0.021371	0.021138	-0.024388	0.015378
	-0.066767	0.010563	0.019576	0.035940	0.069052	-0.001177
	-0.016373	-0.012426	-0.019956	0.000577	0.008266	0.028822
	-0.008364	-0.043007	-0.058297	-0.039677	-0.044483	0.032942
	0.034374	-0.019565	-0.009309	0.046323	-0.044745	0.008964
	-0.001052					
y66	-0.063347	0.051679	-0.017461	-0.040690	0.009634	-0.004713
	0.014309	0.023108	-0.025461	0.018117	-0.029150	0.028505
	-0.002312	0.008454	0.010540	-0.016249	-0.013655	-0.009213
	-0.029445	-0.003390	0.009971	-0.013730	-0.028683	-0.011531
	-0.001804	-0.029210	0.036795	-0.026756	-0.024626	-0.003630
	0.017491					
z66	-0.016544	0.021337	-0.006408	0.008404	0.057970	0.030581
	0.013366	0.000185	0.016914	-0.011778	0.031170	-0.015186
	-0.041261	-0.021109	-0.017026	0.003075	0.048078	-0.000737
	-0.054925	-0.000439	0.029265	-0.016504	0.006523	-0.047589
	0.011357	-0.028403	-0.012711	-0.021702	-0.024880	0.004111
	-0.053421					
x67	-0.093827	-0.036312	0.021833	0.023478	-0.029296	0.012089
	-0.063912	0.010878	0.012883	0.041175	0.066221	-0.009544
	-0.015430	-0.016087	-0.026940	-0.021648	-0.000057	0.022761
	-0.000049	-0.043803	-0.036738	-0.028262	-0.027041	0.038008
	0.030733	-0.023119	0.006399	0.043250	-0.039521	-0.016931
	0.007512					

y67	-0.063213	0.045394	-0.012480	-0.041000	0.007318	-0.001150
	0.017033	0.026475	-0.031719	0.021637	-0.024204	0.037071
	0.004191	0.007249	0.007165	-0.023522	-0.017976	-0.010119
	-0.024895	-0.011626	0.012558	-0.002951	-0.016195	-0.011946
	0.008133	-0.029356	0.031523	-0.016176	-0.024502	-0.003777
	0.040980					
z67	-0.023364	0.021438	-0.009509	0.014960	0.055370	0.034139
	0.010598	-0.010241	0.021576	-0.008000	0.030596	-0.013138
	-0.037724	-0.023599	-0.024372	-0.003122	0.040316	0.010266
	-0.043928	-0.011032	0.035869	-0.017652	0.008227	-0.035447
	0.021170	-0.019849	-0.019683	-0.022192	-0.020659	0.004751
	-0.036301					
x68	-0.094969	-0.036400	0.021861	0.024360	-0.032662	0.010593
	-0.062485	0.010084	0.007870	0.044213	0.061743	-0.012919
	-0.012721	-0.018196	-0.034760	-0.042079	-0.011162	0.018060
	0.011037	-0.046258	-0.010928	-0.020429	-0.013811	0.046549
	0.029859	-0.022530	0.017088	0.034105	-0.041132	-0.036549
	0.022012					
y68	-0.063824	0.039705	-0.006573	-0.040024	0.003402	0.000148
	0.020957	0.031881	-0.037366	0.023351	-0.019145	0.038613
	0.008266	0.007052	0.011313	-0.020743	-0.012341	-0.007746
	-0.030972	-0.017654	0.005769	0.003435	-0.000408	-0.023813
	0.010577	-0.032785	0.020534	0.000134	-0.016219	0.002767
	0.044834					
z68	-0.030554	0.022699	-0.011448	0.021680	0.050852	0.035950
	0.009807	-0.016617	0.021688	-0.004030	0.031075	-0.016816
	-0.036646	-0.022364	-0.027137	-0.003313	0.038956	0.018912
	-0.044407	-0.013063	0.024311	-0.016014	0.015292	-0.035714
	0.018098	-0.025846	-0.024392	-0.012933	-0.011951	0.013180
	-0.028154					
x69	-0.094063	-0.036347	0.022630	0.023894	-0.034374	0.008032
	-0.059915	0.010524	0.001133	0.044026	0.056903	-0.014856
	-0.010840	-0.017062	-0.038526	-0.056189	-0.019568	0.018960
	0.019924	-0.043407	0.012951	-0.010567	-0.001621	0.047377
	0.026364	-0.026121	0.015983	0.025071	-0.043808	-0.048292
	0.033487					
y69	-0.063859	0.035624	-0.003203	-0.037150	-0.003408	0.004245
	0.023180	0.037617	-0.039764	0.024765	-0.014121	0.041606
	0.013267	0.006424	0.013621	-0.019797	-0.011978	-0.014365
	-0.030007	-0.027230	-0.003921	0.000739	0.002481	-0.021236
	0.014052	-0.032962	0.026322	0.007227	-0.000909	0.003725
	0.045350					

z69	-0.036847	0.023513	-0.012588	0.029697	0.045317	0.040639
	0.006093	-0.020907	0.025252	-0.002287	0.030443	-0.019637
	-0.032158	-0.023750	-0.029675	-0.007216	0.035514	0.019225
	-0.042917	-0.026111	0.016604	-0.027130	0.019147	-0.033564
	0.026893	-0.012780	-0.012461	-0.014257	0.001031	0.011737
	-0.021737					
x70	-0.091417	-0.037889	0.024468	0.025518	-0.036127	0.003553
	-0.057498	0.008813	-0.000029	0.041702	0.051914	-0.015482
	-0.005607	-0.014182	-0.041786	-0.064812	-0.028696	0.015183
	0.025376	-0.047513	0.027548	-0.007826	0.008943	0.041751
	0.025346	-0.020520	0.019562	0.010049	-0.051170	-0.056724
	0.043480					
y70	-0.064132	0.034116	-0.000729	-0.037606	-0.007669	0.009902
	0.025425	0.045402	-0.046734	0.025043	-0.011170	0.043379
	0.015142	0.004948	0.016698	-0.021326	-0.013682	-0.012081
	-0.023152	-0.024220	0.001028	-0.002980	0.001163	-0.013478
	0.002556	-0.043215	0.015875	0.022475	0.016941	0.008597
	0.026615					
z70	-0.041693	0.025621	-0.013063	0.033554	0.041388	0.046630
	0.004858	-0.019299	0.021127	0.000616	0.029379	-0.019340
	-0.025160	-0.020756	-0.030229	-0.008729	0.032677	0.024597
	-0.041084	-0.025236	0.015482	-0.028219	0.023691	-0.030502
	0.017265	-0.013826	-0.020948	0.000672	0.017534	0.020480
	-0.023297					
x71	-0.085838	-0.038571	0.025347	0.024244	-0.036265	0.001257
	-0.056420	0.011606	0.001082	0.039528	0.045689	-0.012615
	-0.002536	-0.005717	-0.040484	-0.067906	-0.033508	0.017538
	0.026980	-0.045232	0.047057	-0.009230	0.017597	0.036805
	0.012430	-0.018197	0.016443	0.005543	-0.059159	-0.045628
	0.046898					
y71	-0.065501	0.030295	0.003376	-0.035959	-0.012951	0.013666
	0.028510	0.047974	-0.054823	0.021362	-0.010158	0.041405
	0.019068	0.003114	0.016227	-0.022634	-0.013447	-0.013819
	-0.017667	-0.030715	-0.002646	-0.002304	0.004596	-0.017555
	0.005262	-0.049464	0.009368	0.020527	0.034598	-0.001027
	0.019657					
z71	-0.046762	0.026409	-0.011146	0.041811	0.037449	0.050482
	0.004102	-0.018419	0.016046	-0.003853	0.028822	-0.020566
	-0.013735	-0.021962	-0.031225	-0.011710	0.027381	0.021617
	-0.032729	-0.030914	0.006538	-0.038142	0.027055	-0.034358
	0.026319	-0.000944	-0.022821	0.000901	0.034862	0.011860
	-0.020601					

x72	-0.080999	-0.040092	0.026898	0.022926	-0.037078	-0.001067
	-0.055508	0.011489	0.001266	0.031845	0.040722	-0.014760
	0.005081	0.006006	-0.037614	-0.069258	-0.034809	0.023393
	0.034762	-0.042227	0.052832	-0.013180	0.023252	0.021619
	0.002696	0.000780	0.020408	-0.007262	-0.056786	-0.034513
	0.031151					
y72	-0.064218	0.025470	0.005660	-0.034507	-0.015174	0.019466
	0.030646	0.051894	-0.058386	0.015378	-0.011863	0.044346
	0.016876	0.004489	0.020186	-0.017233	-0.016995	-0.014321
	-0.012992	-0.031555	0.002611	-0.006077	0.005608	-0.020110
	-0.001607	-0.058800	-0.008696	0.031341	0.042501	0.007446
	0.019514					
z72	-0.048002	0.027153	-0.008463	0.049088	0.034236	0.054657
	0.005515	-0.011019	0.011618	-0.003698	0.025862	-0.012468
	-0.002072	-0.022763	-0.032830	-0.010630	0.019605	0.013061
	-0.034773	-0.029984	0.008125	-0.046625	0.033441	-0.031518
	0.020473	-0.010755	-0.031011	0.017527	0.038386	0.014113
	-0.002438					
x73	-0.072976	-0.039847	0.029778	0.020982	-0.034895	-0.003274
	-0.054282	0.016489	0.000344	0.028048	0.029867	-0.010128
	0.008059	0.015092	-0.031924	-0.064111	-0.043709	0.018791
	0.028576	-0.048520	0.061638	-0.026988	0.018912	0.005755
	-0.015176	0.003163	0.009549	-0.017568	-0.050898	-0.014609
	0.023689					
y73	-0.063138	0.018369	0.010057	-0.033788	-0.018337	0.022311
	0.030684	0.054020	-0.058509	-0.001105	-0.008266	0.047289
	0.021468	0.010926	0.020017	-0.015124	-0.004666	-0.002751
	-0.010870	-0.024828	0.002619	-0.003356	0.029379	-0.030146
	-0.001066	-0.050405	-0.022636	0.034912	0.032386	0.004569
	0.016303					
z73	-0.049292	0.025939	-0.006683	0.056537	0.029698	0.059271
	0.005591	-0.008470	0.008540	-0.010942	0.025524	-0.013205
	0.012766	-0.015862	-0.032719	-0.012709	0.019408	0.015710
	-0.023214	-0.023185	0.005602	-0.053874	0.040142	-0.036231
	0.024448	0.000797	-0.023871	0.026402	0.040087	0.012660
	0.005575					
x74	-0.064012	-0.038192	0.032517	0.015319	-0.034612	-0.005461
	-0.051936	0.022039	0.000194	0.018483	0.023874	-0.003572
	0.018121	0.030840	-0.024701	-0.055072	-0.045690	0.019564
	0.025638	-0.041038	0.065752	-0.037326	0.011157	-0.001983
	-0.030493	0.010902	-0.006922	-0.020531	-0.043942	-0.001122
	-0.003891					

y74	-0.061643	0.009328	0.014044	-0.031950	-0.018459	0.026870
	0.029638	0.054223	-0.060020	-0.015733	-0.011792	0.046788
	0.017149	0.014654	0.020284	-0.009862	-0.001517	0.005831
	-0.010804	-0.031636	0.004822	-0.008109	0.047618	-0.052081
	-0.006820	-0.047283	-0.039247	0.033848	0.032772	0.019569
	0.023458					
z74	-0.050069	0.022648	-0.001468	0.065280	0.029346	0.064641
	0.005120	-0.003202	0.004440	-0.018357	0.021992	-0.012884
	0.027508	-0.013389	-0.030144	-0.013879	0.016366	0.014032
	-0.019519	-0.028869	0.006124	-0.066964	0.056583	-0.057381
	0.025791	0.012834	-0.022069	0.031234	0.038613	0.020137
	0.028707					
x75	-0.057366	-0.036424	0.027984	0.006908	-0.031779	-0.007539
	-0.053385	0.022531	0.007218	0.016351	0.024061	-0.003148
	0.018497	0.036684	-0.023300	-0.048674	-0.042694	0.020315
	0.009991	-0.033152	0.075781	-0.020950	0.009221	0.017269
	-0.037535	0.010363	-0.000118	-0.036175	-0.022336	0.003064
	-0.027931					
y75	-0.056849	0.007510	0.012125	-0.030130	-0.026161	0.029519
	0.029811	0.052770	-0.064325	-0.009067	-0.014742	0.043319
	0.017164	0.008585	-0.000725	-0.013489	0.002198	0.010029
	-0.010479	-0.018618	0.003253	-0.007675	0.037711	-0.032431
	-0.007442	-0.036519	-0.052614	0.018683	0.035142	0.032107
	0.033800					
z75	-0.048288	0.026187	-0.002616	0.076930	0.026345	0.065133
	0.002455	0.004970	0.003421	-0.023404	0.015052	-0.008260
	0.037303	-0.009336	-0.038660	-0.016095	0.013045	0.003334
	-0.022566	-0.018075	0.003159	-0.054651	0.047765	-0.052428
	0.019669	0.015350	-0.010798	0.033423	0.061195	0.018438
	0.022943					
x76	-0.048604	-0.032034	0.024021	-0.004242	-0.030550	-0.009985
	-0.051948	0.025345	0.001411	0.020949	0.019373	-0.000507
	0.013398	0.043451	-0.026048	-0.040801	-0.042264	0.012684
	-0.008301	-0.032696	0.075316	-0.018034	0.000184	0.028564
	-0.034479	0.003594	0.003405	-0.032068	0.004007	0.008628
	-0.036746					
y76	-0.052971	0.003401	0.011026	-0.026409	-0.030941	0.031872
	0.027435	0.049088	-0.057357	-0.009344	-0.014727	0.040706
	0.022955	-0.000174	-0.016892	-0.022608	0.004945	0.018615
	-0.011351	0.004411	0.006347	0.003882	0.038181	-0.010004
	-0.020043	-0.025758	-0.059637	-0.007172	0.025533	0.037862
	0.044118					

z76	-0.046960	0.026368	-0.003994	0.086953	0.026261	0.065044
	-0.000114	0.006825	0.007499	-0.029188	0.010194	-0.009878
	0.045616	-0.008110	-0.038803	-0.014254	0.008114	-0.004237
	-0.020676	-0.016452	0.014742	-0.038871	0.045681	-0.055977
	0.013002	0.018302	-0.004091	0.026839	0.066536	0.022735
	0.010069					
x77	-0.037545	-0.029073	0.021292	-0.012347	-0.030279	-0.015751
	-0.051204	0.031827	0.001961	0.020186	0.014115	0.005492
	0.016060	0.049502	-0.023208	-0.024558	-0.035242	0.008395
	-0.028407	-0.027750	0.070336	-0.005277	0.003583	0.031585
	-0.037262	0.007540	-0.011601	-0.048354	0.031691	0.004168
	-0.036259					
y77	-0.049034	0.001118	0.009457	-0.024035	-0.032920	0.036044
	0.027529	0.039850	-0.055449	-0.004503	-0.015561	0.029237
	0.020092	-0.005417	-0.033581	-0.034743	0.002043	0.025621
	-0.006253	0.012879	0.013330	0.003139	0.025053	0.008197
	-0.020100	-0.028311	-0.048830	-0.000515	0.005343	0.049081
	0.034469					
z77	-0.044531	0.026990	-0.003921	0.094314	0.024802	0.065434
	-0.001700	0.007541	0.009271	-0.030622	0.006612	-0.012277
	0.048618	-0.006909	-0.043875	-0.015873	0.003384	-0.007417
	-0.018428	-0.012852	0.023277	-0.026807	0.040550	-0.046488
	0.006696	0.014164	0.011225	0.027132	0.068373	0.029995
	0.008575					
x78	-0.029114	-0.027938	0.019655	-0.020522	-0.026343	-0.018994
	-0.049340	0.037875	0.006889	0.019325	0.006330	0.007248
	0.014172	0.050982	-0.021539	-0.022179	-0.028134	0.006043
	-0.038164	-0.020891	0.072682	0.007818	0.008899	0.047234
	-0.045244	0.003237	-0.014592	-0.047139	0.032915	-0.001897
	-0.025925					
y78	-0.041538	0.001564	0.006344	-0.022217	-0.036509	0.037180
	0.028532	0.028939	-0.057357	0.000248	-0.016935	0.018019
	0.021384	-0.005612	-0.045290	-0.035983	-0.000370	0.027207
	-0.004656	0.013769	0.013503	-0.002330	0.011411	0.007344
	-0.009046	-0.026304	-0.047090	-0.005471	0.003868	0.061237
	0.018762					
z78	-0.039919	0.028920	-0.003708	0.097933	0.020502	0.062258
	-0.001962	0.008633	0.007971	-0.029933	0.005525	-0.011811
	0.052093	-0.005748	-0.049536	-0.009369	0.000545	-0.009392
	-0.019390	-0.005908	0.024256	-0.010871	0.038397	-0.040295
	0.000988	0.008692	0.019657	0.020777	0.073714	0.037216
	0.006328					

x79	-0.022935	-0.024171	0.015088	-0.028299	-0.021986	-0.024960
	-0.046855	0.035081	0.008692	0.019535	0.001113	0.002187
	0.017926	0.054957	-0.022733	-0.014604	-0.022652	0.015936
	-0.053156	-0.020465	0.080538	0.018376	0.010222	0.050402
	-0.048436	-0.000153	-0.006394	-0.041154	0.025908	0.003511
	-0.031509					
y79	-0.030846	-0.000045	0.007665	-0.020521	-0.040285	0.039559
	0.030036	0.024473	-0.054780	0.002377	-0.020696	0.014929
	0.017772	-0.005858	-0.055145	-0.042016	0.000701	0.016509
	0.001537	0.021012	0.007283	-0.005483	0.006062	0.010515
	-0.003179	-0.032785	-0.047503	-0.009274	0.007425	0.059726
	0.016829					
z79	-0.032833	0.030091	-0.000825	0.096780	0.016764	0.059218
	-0.000161	0.011191	0.005926	-0.025803	0.004231	-0.008887
	0.051174	-0.006262	-0.051912	-0.003265	-0.001140	-0.017781
	-0.011497	-0.001039	0.028537	0.005750	0.035361	-0.030849
	0.000451	-0.004121	0.015769	0.019360	0.073467	0.043652
	0.014566					
x80	-0.016370	-0.023868	0.011171	-0.037402	-0.018011	-0.025367
	-0.045297	0.039827	0.012624	0.020230	-0.011515	-0.000218
	0.014725	0.055131	-0.016445	-0.017989	-0.013280	0.025874
	-0.061491	-0.012444	0.089760	0.033307	0.020578	0.053675
	-0.029327	-0.008463	0.011712	-0.034974	0.025598	0.008841
	-0.034622					
y80	-0.019506	0.001153	0.008237	-0.017352	-0.041875	0.037584
	0.034476	0.011944	-0.055192	0.003888	-0.019239	0.006161
	0.019554	-0.002558	-0.066406	-0.040254	-0.005669	0.005778
	0.010400	0.016027	-0.000086	-0.016241	-0.008637	0.002722
	-0.006188	-0.031441	-0.053843	-0.005124	-0.002544	0.052910
	0.011275					
z80	-0.024815	0.032701	0.002113	0.093183	0.012303	0.050431
	0.003527	0.009792	0.003215	-0.020313	0.006230	-0.008461
	0.050602	-0.005020	-0.058790	0.009398	-0.000868	-0.021359
	-0.006262	0.001158	0.027573	0.022893	0.030551	-0.014426
	-0.010200	-0.027364	0.009454	0.014301	0.063514	0.047405
	0.034330					
x81	-0.009247	-0.024306	0.009683	-0.044808	-0.012489	-0.024659
	-0.039799	0.044763	0.007954	0.020846	-0.016352	0.005235
	0.019188	0.048003	-0.021285	-0.009512	-0.012722	0.029468
	-0.081565	-0.009396	0.094224	0.038000	0.021473	0.042603
	-0.027458	-0.020006	0.015096	-0.028963	0.026990	0.010587
	-0.009540					

y81	-0.007483	0.002328	0.007438	-0.013614	-0.044643	0.034273
	0.036287	-0.004755	-0.044753	0.005061	-0.024021	-0.014498
	0.013215	0.011078	-0.066989	-0.046059	-0.003509	0.001013
	0.033547	0.011634	0.000750	-0.020756	-0.016478	0.002211
	0.005903	-0.031689	-0.045589	-0.000684	-0.020324	0.050686
	-0.026340					
z81	-0.014899	0.034374	0.005502	0.087021	0.006913	0.041287
	0.006342	0.007956	0.002476	-0.009569	0.005191	-0.011346
	0.044465	-0.003703	-0.060975	0.021342	0.000280	-0.022066
	0.002608	0.001058	0.029718	0.044863	0.031598	0.003877
	-0.019771	-0.047897	0.005738	0.011335	0.043538	0.056911
	0.042297					
x82	-0.001811	-0.023337	0.008147	-0.049404	-0.009196	-0.024042
	-0.031974	0.042962	-0.000405	0.016198	-0.024463	-0.002058
	0.024959	0.041907	-0.026753	-0.001317	-0.007213	0.032302
	-0.093398	-0.002228	0.090511	0.034034	0.011686	0.018933
	-0.018523	-0.040762	-0.007975	-0.038013	0.047376	0.018735
	0.007779					
y82	0.005552	0.001747	0.009131	-0.011604	-0.044047	0.029108
	0.036252	-0.016291	-0.030307	0.011502	-0.024423	-0.024290
	0.006699	0.023468	-0.066139	-0.050914	-0.006804	-0.004807
	0.054421	0.002958	0.005818	-0.017353	-0.016115	0.004402
	0.017500	-0.028402	-0.013323	0.025717	-0.059987	0.038023
	-0.059701					
z82	-0.003361	0.035389	0.009342	0.075985	0.000229	0.032442
	0.010577	0.007426	0.002893	0.007341	0.003969	-0.012396
	0.034733	-0.005574	-0.064449	0.037659	0.000996	-0.022765
	0.006686	-0.004803	0.035002	0.067278	0.036033	0.027804
	-0.024215	-0.072276	0.000418	0.008577	0.009764	0.072314
	0.054287					
x83	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					
y83	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					

z83	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x84	-0.001559	0.041954	-0.035479	0.016383	-0.022689	0.042147
	0.041093	-0.014694	-0.028007	0.000030	-0.050535	-0.047370
	-0.032399	0.015841	0.037907	-0.045778	-0.004775	-0.022031
	-0.055711	0.011318	-0.018117	-0.050143	-0.021895	-0.051748
	0.078639	0.054482	0.019286	-0.042760	0.027643	0.072234
	0.024088					
y84	-0.006435	-0.005967	0.027650	0.015561	-0.032885	-0.029508
	0.021926	-0.027556	0.028181	-0.004932	0.008206	0.011061
	-0.054115	-0.014506	0.004166	0.000614	0.008854	0.009001
	0.006908	0.038786	0.009045	0.021464	-0.029134	-0.007292
	-0.021867	-0.018548	0.012920	0.001296	0.016774	0.060060
	-0.080160					
z84	0.030255	-0.015337	-0.035873	-0.008301	0.031479	-0.038855
	-0.059516	0.032640	-0.067332	0.046870	0.033330	-0.033216
	0.008877	0.004069	0.113362	0.009310	0.023844	-0.051084
	-0.044005	-0.005916	-0.044639	-0.020180	-0.019244	-0.003926
	0.033721	-0.018565	-0.028159	-0.021575	-0.031527	0.041781
	0.050335					
x85	0.000352	0.042469	-0.027974	0.019021	-0.018771	0.044339
	0.036384	-0.010545	-0.022226	0.005143	-0.040763	-0.021741
	-0.027806	0.027251	0.032124	-0.054364	-0.004864	-0.037005
	-0.028767	0.012180	-0.015939	-0.019965	-0.006913	-0.055058
	0.061495	0.063693	0.014698	-0.024693	0.010815	0.029606
	0.020678					
y85	-0.006514	-0.008288	0.023830	0.026986	-0.030572	-0.032346
	0.020179	-0.029745	0.019301	-0.002653	0.011273	0.002539
	-0.046621	-0.012309	0.013801	0.001838	0.028557	0.012618
	-0.002581	0.019377	0.000817	0.005563	-0.037933	-0.011549
	-0.014704	-0.032257	0.005174	-0.013510	0.011121	0.084834
	-0.066253					
z85	0.033718	-0.010666	-0.037334	-0.004690	0.032203	-0.034259
	-0.054592	0.028447	-0.065220	0.044000	0.033971	-0.038044
	0.004047	0.007474	0.109053	0.020074	0.020876	-0.046262
	-0.041966	-0.016500	-0.028044	-0.020279	-0.013666	-0.013905
	0.051456	-0.004869	-0.040261	-0.001649	-0.040630	0.029396
	0.037806					

x86	0.001841	0.043982	-0.020370	0.022196	-0.016781	0.043909
	0.034929	-0.005958	-0.018252	0.001571	-0.034108	-0.004675
	-0.017922	0.031515	0.028622	-0.054520	-0.002668	-0.053471
	-0.007205	0.018360	-0.021241	-0.006771	0.007796	-0.049394
	0.053668	0.067889	0.004332	-0.016380	0.000452	0.014545
	0.019384					
y86	-0.004959	-0.010190	0.016900	0.034850	-0.026336	-0.031544
	0.018912	-0.035481	0.011876	0.006180	0.019114	-0.003141
	-0.048954	0.001323	0.018002	-0.000067	0.037933	0.014098
	-0.012534	-0.012965	0.009455	0.003543	-0.038304	-0.027283
	-0.013457	-0.039504	0.008113	-0.025582	0.001106	0.087944
	-0.056102					
z86	0.038793	-0.007045	-0.037396	-0.006656	0.031540	-0.026095
	-0.050398	0.026857	-0.058186	0.046532	0.034408	-0.036545
	-0.001224	0.013221	0.103590	0.031260	0.014917	-0.045086
	-0.036486	-0.026162	-0.004895	-0.010186	0.000906	-0.026554
	0.069120	0.011439	-0.043366	0.011697	-0.048453	0.010503
	0.025975					
x87	0.001225	0.045380	-0.013347	0.023021	-0.016731	0.044289
	0.032436	-0.001766	-0.012288	-0.003446	-0.030742	0.007615
	-0.015220	0.033044	0.029916	-0.058449	0.003729	-0.067436
	0.003848	0.017320	-0.023571	0.002635	0.014616	-0.046610
	0.037825	0.065489	-0.005462	-0.010904	-0.006605	0.018055
	0.002803					
y87	0.000481	-0.011096	0.009250	0.043784	-0.021987	-0.031108
	0.019172	-0.040307	0.001639	0.016832	0.028026	-0.007043
	-0.041166	0.012409	0.017745	0.005175	0.033486	0.018438
	-0.009414	-0.027978	0.012071	0.013173	-0.027903	-0.036251
	-0.002160	-0.040382	0.022660	-0.030956	-0.003255	0.060135
	-0.038793					
z87	0.042291	-0.003175	-0.036785	-0.009153	0.028414	-0.019665
	-0.045677	0.026043	-0.052545	0.046033	0.033539	-0.034700
	-0.004248	0.018170	0.098178	0.037445	0.008233	-0.051192
	-0.027253	-0.033158	0.009512	-0.002969	0.011108	-0.031114
	0.082299	0.021277	-0.043761	0.020533	-0.047637	-0.000967
	0.006479					
x88	0.001533	0.046689	-0.009544	0.026422	-0.014395	0.041723
	0.030913	0.000654	-0.008293	-0.007765	-0.022580	0.018091
	-0.011859	0.034951	0.026652	-0.059453	0.007818	-0.068192
	0.013967	0.019304	-0.028895	0.013260	0.025196	-0.047644
	0.021997	0.061163	-0.017725	-0.006757	-0.017757	0.012603
	0.009535					

y88	0.004042	-0.012387	0.004065	0.048701	-0.020142	-0.027850
	0.018962	-0.043657	-0.004809	0.022834	0.028590	-0.010007
	-0.035568	0.014964	0.024192	0.011408	0.033285	0.013970
	-0.006035	-0.037846	0.014797	0.015463	-0.028638	-0.040135
	0.012713	-0.045767	0.043133	-0.030588	0.000924	0.036933
	-0.052770					
z88	0.044666	0.000662	-0.035089	-0.011418	0.023899	-0.015465
	-0.040219	0.025449	-0.043834	0.042434	0.034429	-0.030907
	-0.003359	0.017859	0.091840	0.042507	0.007221	-0.046304
	-0.025211	-0.032355	0.017937	-0.002920	0.017905	-0.032254
	0.084799	0.031637	-0.046540	0.027344	-0.048938	-0.010116
	0.002942					
x89	0.001047	0.046439	-0.007666	0.028126	-0.013247	0.041132
	0.026951	0.000748	-0.004709	-0.008919	-0.016871	0.029251
	-0.009132	0.037656	0.022624	-0.064484	0.004556	-0.073684
	0.025283	0.025151	-0.036586	0.023050	0.036030	-0.039887
	0.010337	0.061391	-0.012455	-0.009507	-0.024196	0.014361
	0.010184					
y89	0.007959	-0.010899	0.001149	0.053036	-0.017869	-0.027431
	0.019542	-0.045374	-0.007906	0.023832	0.030419	-0.016653
	-0.029728	0.011857	0.031825	0.019371	0.038833	0.023975
	-0.013450	-0.042929	0.027017	0.008767	-0.037465	-0.050740
	0.026745	-0.057327	0.055171	-0.021980	-0.001768	0.012260
	-0.043201					
z89	0.044432	0.003865	-0.032834	-0.015121	0.016182	-0.009249
	-0.032563	0.022816	-0.037819	0.037128	0.032339	-0.025510
	-0.001415	0.012935	0.082856	0.039404	-0.000907	-0.038762
	-0.020574	-0.019557	0.017738	-0.007494	0.017151	-0.023538
	0.076551	0.045736	-0.035874	0.022207	-0.042812	-0.017600
	0.007823					
x90	0.002019	0.045410	-0.006043	0.029868	-0.010006	0.038261
	0.024408	0.003161	0.002213	-0.013696	-0.011784	0.039944
	-0.005359	0.041841	0.027010	-0.058396	0.008665	-0.072790
	0.036613	0.027727	-0.036645	0.034245	0.043542	-0.033286
	0.009257	0.055502	-0.017071	-0.009388	-0.027506	0.016602
	0.004256					
y90	0.011206	-0.010291	-0.003382	0.058007	-0.018538	-0.024528
	0.021150	-0.047461	-0.012550	0.028051	0.030307	-0.024222
	-0.021432	0.005421	0.030708	0.024132	0.032825	0.033471
	-0.025954	-0.047821	0.029044	-0.007511	-0.048308	-0.054417
	0.028684	-0.051760	0.073147	-0.020662	-0.014173	-0.009005
	-0.026633					

z90	0.045491	0.005904	-0.028996	-0.018005	0.008852	-0.006276
	-0.022705	0.024221	-0.030353	0.027958	0.031375	-0.018645
	0.002641	0.017001	0.082174	0.046736	0.000637	-0.031977
	-0.013105	-0.010833	0.014279	-0.009807	0.020058	-0.014678
	0.070563	0.057568	-0.039871	0.027461	-0.018802	-0.022472
	0.004694					
x91	0.000655	0.047068	-0.003041	0.028651	-0.009592	0.036300
	0.025466	-0.003597	0.010909	-0.019976	-0.014492	0.040832
	0.003927	0.015035	0.029749	-0.047468	0.004585	-0.048372
	0.029545	0.042805	-0.028930	0.005335	0.023961	-0.023721
	0.006983	0.032327	0.004177	-0.013345	-0.044398	0.008043
	0.006755					
y91	0.018477	-0.013941	-0.013594	0.064597	-0.013629	-0.023453
	0.016806	-0.040330	-0.021747	0.035853	0.039563	-0.016571
	-0.024028	0.045308	0.027010	0.015110	0.032919	0.006373
	-0.007364	-0.066060	0.024284	0.031632	-0.018850	-0.058316
	0.035753	-0.021537	0.063467	-0.025214	0.009320	-0.011156
	-0.022358					
z91	0.044572	0.009511	-0.025392	-0.021856	0.000533	-0.002827
	-0.013294	0.022386	-0.025820	0.019146	0.028748	-0.014299
	0.009108	0.010887	0.075921	0.044198	-0.008862	-0.026854
	-0.011852	0.000998	0.007634	-0.020473	0.014419	0.000687
	0.060582	0.058107	-0.033513	0.020453	-0.008153	-0.024219
	0.011720					
x92	0.001316	0.046935	-0.005063	0.027412	-0.005681	0.034874
	0.021190	-0.009540	0.018094	-0.017849	-0.015371	0.043519
	0.005525	0.007236	0.026644	-0.043526	-0.004867	-0.041668
	0.027159	0.041154	-0.019797	-0.001563	0.022539	-0.016935
	0.018166	0.013152	0.012918	-0.023313	-0.060974	0.016947
	0.004262					
y92	0.023612	-0.013879	-0.019156	0.066589	-0.012670	-0.020518
	0.022554	-0.036420	-0.026622	0.035289	0.040673	-0.017947
	-0.015667	0.048116	0.034914	0.023024	0.033489	0.014981
	-0.005351	-0.059336	0.026047	0.020404	-0.028901	-0.054343
	0.034929	0.000245	0.078728	-0.010745	0.031964	-0.027479
	-0.027624					
z92	0.044400	0.014412	-0.022982	-0.026221	-0.007205	-0.000675
	-0.004572	0.017772	-0.021588	0.015820	0.024089	-0.011318
	0.012717	0.007076	0.062381	0.043459	-0.018337	-0.029207
	-0.017801	0.003461	0.004387	-0.031717	0.009460	0.005689
	0.053695	0.051405	-0.037948	0.018008	-0.005040	-0.033753
	0.021599					

x93	0.002299	0.045965	-0.005148	0.026881	-0.000996	0.030510
	0.019703	-0.013082	0.027483	-0.020711	-0.013310	0.043501
	0.008055	-0.003585	0.031946	-0.026967	-0.006916	-0.018085
	0.025918	0.037972	-0.010799	-0.015135	0.014470	-0.014309
	0.034464	-0.002211	0.024427	-0.024989	-0.071275	0.017054
	-0.001488					
y93	0.029563	-0.013503	-0.028911	0.068808	-0.013213	-0.014712
	0.024506	-0.033623	-0.032658	0.037882	0.038711	-0.019054
	-0.007904	0.055927	0.034575	0.022830	0.026225	0.006836
	-0.009346	-0.046228	0.025992	0.009458	-0.028390	-0.039067
	0.029654	0.023505	0.081636	-0.000408	0.051320	-0.035667
	-0.022941					
z93	0.043714	0.016977	-0.017037	-0.030490	-0.014794	-0.000111
	0.006308	0.017115	-0.016846	0.006088	0.024395	-0.004512
	0.017837	0.006289	0.056859	0.043679	-0.024285	-0.023342
	-0.013152	0.005778	-0.006611	-0.035963	0.004343	0.008334
	0.044765	0.053662	-0.034426	0.009921	0.012748	-0.041195
	0.034137					
x94	0.002672	0.046775	-0.000453	0.028916	0.001449	0.030418
	0.018298	-0.012652	0.030751	-0.021878	-0.009264	0.043078
	0.004146	-0.004045	0.036108	-0.025369	-0.013557	-0.007104
	0.034425	0.030683	-0.002681	-0.000116	0.017164	-0.000215
	0.036424	-0.014031	0.026255	-0.029688	-0.071419	0.023446
	-0.000990					
y94	0.033474	-0.010763	-0.036382	0.070097	-0.016557	-0.009992
	0.030090	-0.036759	-0.044318	0.033776	0.044185	-0.026656
	-0.000139	0.057219	0.037265	0.020113	0.021409	-0.006092
	-0.004052	-0.031860	0.014484	-0.009696	-0.014489	-0.026540
	0.012002	0.010766	0.078080	-0.005062	0.073810	-0.045743
	-0.005450					
z94	0.041389	0.019612	-0.011359	-0.041382	-0.025787	0.000524
	0.015716	0.011559	-0.011391	0.001284	0.024735	-0.003070
	0.024347	0.004183	0.048784	0.035952	-0.037331	-0.016462
	-0.013592	0.004241	-0.016777	-0.034115	0.006221	0.014064
	0.040501	0.034704	-0.054412	0.008217	0.024149	-0.031731
	0.031863					
x95	0.002457	0.046276	0.005326	0.030460	0.002677	0.028660
	0.015341	-0.013119	0.035129	-0.024084	-0.009392	0.044261
	0.004067	-0.002598	0.037859	-0.024761	-0.017836	-0.002965
	0.041804	0.028748	-0.002504	0.002776	0.025271	0.014764
	0.032791	-0.020361	0.034994	-0.037200	-0.066010	0.027581
	-0.007505					

y95	0.036311	-0.007140	-0.043046	0.070172	-0.016812	-0.004574
	0.035976	-0.036409	-0.054392	0.029890	0.051865	-0.035234
	0.006398	0.057084	0.040084	0.015862	0.018734	-0.008257
	-0.001612	-0.018718	0.011375	-0.011448	-0.010965	-0.013441
	0.001453	0.000349	0.066337	-0.004454	0.089671	-0.049794
	0.009375					
z95	0.038301	0.021233	-0.003562	-0.051260	-0.038658	0.001181
	0.021863	0.004438	-0.003843	-0.004978	0.016903	-0.000601
	0.031555	0.003496	0.040601	0.026655	-0.048400	-0.017703
	-0.012804	0.008045	-0.029064	-0.045443	0.018905	0.021833
	0.025905	0.020564	-0.061445	-0.007148	0.031506	-0.026834
	0.023531					
x96	0.002983	0.044823	0.009258	0.032663	0.006487	0.024676
	0.012669	-0.012012	0.039874	-0.023879	-0.007031	0.047358
	0.002985	-0.000677	0.039042	-0.019396	-0.019524	0.004651
	0.050425	0.025266	0.001233	0.010278	0.027693	0.022682
	0.027614	-0.019740	0.040950	-0.032662	-0.061933	0.024409
	-0.007706					
y96	0.039166	-0.004087	-0.046810	0.069110	-0.019962	0.001831
	0.040888	-0.038402	-0.062583	0.026119	0.053653	-0.044641
	0.013854	0.057140	0.041247	0.010939	0.012562	-0.010716
	-0.002391	-0.006389	0.002554	-0.021175	-0.001889	-0.000476
	-0.008073	-0.009460	0.050401	-0.019590	0.096629	-0.043258
	0.017528					
z96	0.035038	0.021527	0.001715	-0.059010	-0.045630	-0.000440
	0.025958	0.000861	0.006010	-0.008780	0.016001	0.004926
	0.035165	0.000986	0.032821	0.022727	-0.053679	-0.013888
	-0.006601	0.006234	-0.027468	-0.044282	0.025016	0.023587
	0.012389	0.014280	-0.059362	-0.002855	0.038813	-0.037071
	0.025188					
x97	0.003856	0.043517	0.012260	0.036616	0.010760	0.021083
	0.013170	-0.012179	0.041045	-0.024537	-0.002235	0.048208
	0.001033	0.002674	0.040591	-0.012183	-0.017549	0.015631
	0.058766	0.025172	-0.003095	0.016184	0.029428	0.024535
	0.023666	-0.018659	0.038646	-0.032094	-0.052714	0.025030
	0.001022					
y97	0.041511	-0.002503	-0.049286	0.066044	-0.021981	0.007505
	0.043326	-0.040711	-0.066182	0.023429	0.054849	-0.052243
	0.021162	0.056865	0.040153	0.008788	0.004631	-0.011205
	-0.002063	0.002438	-0.002001	-0.031971	0.009398	0.009222
	-0.019705	-0.013167	0.041954	-0.027805	0.097965	-0.046031
	0.017856					

z97	0.032350	0.022879	0.007664	-0.062333	-0.051374	-0.000277
	0.033656	-0.003827	0.012716	-0.014944	0.016938	0.010320
	0.040621	-0.000566	0.028929	0.024280	-0.047725	-0.002683
	0.000966	0.007016	-0.031595	-0.040979	0.031602	0.021754
	0.011681	0.009007	-0.067458	-0.010684	0.046817	-0.027356
	0.037152					
x98	0.004650	0.040972	0.015545	0.035161	0.013601	0.020151
	0.011646	-0.009289	0.046339	-0.019739	-0.003376	0.047596
	-0.002108	0.007978	0.041688	-0.010223	-0.022272	0.019520
	0.062964	0.023875	-0.001297	0.021965	0.025087	0.030561
	0.018502	-0.012158	0.044721	-0.024375	-0.046194	0.029559
	-0.005914					
y98	0.042889	-0.000606	-0.050655	0.062635	-0.022321	0.013901
	0.046881	-0.043089	-0.068806	0.018862	0.055705	-0.057883
	0.029163	0.054950	0.040701	0.009328	0.004477	-0.010491
	-0.002516	0.011530	-0.004244	-0.037423	0.021147	0.011181
	-0.024526	-0.015970	0.031985	-0.039941	0.097420	-0.043373
	0.016433					
z98	0.030579	0.021763	0.014180	-0.067861	-0.058953	0.001138
	0.035944	-0.004846	0.022938	-0.015859	0.009614	0.013365
	0.042840	0.000103	0.025395	0.018031	-0.057715	0.003397
	0.007966	0.001325	-0.022030	-0.037116	0.023784	0.029754
	-0.000568	0.008795	-0.060320	-0.021239	0.039437	-0.015431
	0.038811					
x99	0.005172	0.038960	0.017176	0.034838	0.018043	0.014964
	0.009691	-0.009015	0.047478	-0.015327	-0.002270	0.046214
	-0.003238	0.014860	0.038873	-0.001269	-0.025647	0.022924
	0.065852	0.018908	-0.006112	0.016609	0.023585	0.029752
	0.010620	-0.007882	0.041421	-0.009504	-0.038602	0.025314
	-0.014186					
y99	0.044598	0.000511	-0.049884	0.058829	-0.022287	0.020880
	0.051569	-0.043679	-0.068719	0.013731	0.054483	-0.061830
	0.036362	0.051453	0.042690	0.010754	0.002414	-0.006275
	-0.002635	0.016353	0.001811	-0.035427	0.026611	0.009409
	-0.025531	-0.016773	0.018914	-0.059061	0.086465	-0.035656
	0.020608					
z99	0.027410	0.021088	0.019157	-0.070799	-0.062491	-0.002594
	0.034410	-0.008494	0.031706	-0.015857	0.005613	0.014378
	0.045516	0.001260	0.018305	0.022782	-0.058819	0.013252
	0.015719	-0.009898	-0.018080	-0.045620	0.026415	0.034890
	-0.016322	0.006032	-0.064176	-0.017025	0.026011	-0.015575
	0.029571					

x100	0.006129	0.037027	0.018125	0.034025	0.021385	0.010492
	0.007610	-0.009660	0.050061	-0.008762	-0.002435	0.044034
	-0.008211	0.022044	0.035288	0.002333	-0.029399	0.026154
	0.065305	0.015042	-0.013046	0.010718	0.015200	0.026249
	0.007052	-0.001328	0.040707	0.002516	-0.029012	0.015985
	-0.014738					
y100	0.046008	0.000415	-0.047447	0.054733	-0.021273	0.027526
	0.055761	-0.045586	-0.066157	0.008232	0.051423	-0.063681
	0.044799	0.046452	0.043296	0.014384	-0.002870	0.000484
	-0.001354	0.017439	0.013542	-0.033478	0.033339	0.007924
	-0.026410	-0.015474	0.002914	-0.081124	0.066542	-0.026452
	0.023378					
z100	0.023236	0.023106	0.025020	-0.074759	-0.067404	-0.004653
	0.031218	-0.015052	0.042176	-0.014052	-0.000633	0.014936
	0.039555	0.001627	0.007908	0.018038	-0.054849	0.027250
	0.017854	-0.022264	-0.016309	-0.042245	0.024301	0.029150
	-0.016183	0.006667	-0.056125	-0.015208	0.016288	-0.020886
	0.036061					
x101	0.006842	0.033811	0.020146	0.033207	0.024384	0.006069
	0.007662	-0.011388	0.051541	-0.004418	-0.003650	0.042020
	-0.010196	0.030188	0.033594	0.004574	-0.032256	0.025793
	0.064936	0.014819	-0.023304	0.001727	0.002815	0.025057
	-0.006820	0.009845	0.041349	0.019240	-0.016075	0.014204
	-0.023427					
y101	0.046703	-0.000338	-0.041885	0.049435	-0.020525	0.033994
	0.059931	-0.046307	-0.060684	0.001531	0.045383	-0.063844
	0.053301	0.041524	0.042371	0.018239	-0.007554	0.011146
	-0.000471	0.015389	0.027794	-0.030038	0.038728	0.004322
	-0.025139	-0.011833	-0.010072	-0.107920	0.043525	-0.013274
	0.022046					
z101	0.019320	0.025076	0.031898	-0.074663	-0.071216	-0.003786
	0.031429	-0.022074	0.049859	-0.016616	-0.005909	0.015807
	0.038975	0.002713	0.004694	0.011772	-0.044747	0.038238
	0.022607	-0.028009	-0.014901	-0.038961	0.009885	0.032116
	-0.038659	0.010384	-0.047710	-0.010176	0.006878	-0.002380
	0.027253					
x102	0.007235	0.029463	0.019975	0.028855	0.026827	0.002749
	0.003513	-0.008614	0.055038	0.008380	-0.007942	0.037220
	-0.013988	0.041089	0.029103	0.009390	-0.035451	0.027366
	0.058931	0.019922	-0.037600	-0.010777	-0.007858	0.017425
	-0.012400	0.027172	0.047672	0.038938	0.002518	0.007265
	-0.038802					

y102	0.047031	-0.001339	-0.034312	0.043770	-0.019229	0.040234
	0.064143	-0.045892	-0.053966	-0.005607	0.038366	-0.064372
	0.061298	0.036380	0.041825	0.023383	-0.011282	0.024864
	0.001457	0.012550	0.044025	-0.023149	0.042305	-0.002031
	-0.020789	-0.008197	-0.026613	-0.139509	0.010930	0.000968
	0.018603					
z102	0.014920	0.024313	0.033054	-0.078761	-0.073873	-0.002709
	0.023280	-0.021037	0.065058	-0.007997	-0.014896	0.008774
	0.036374	0.004487	0.006438	0.009854	-0.030081	0.051865
	0.026686	-0.019814	-0.005363	-0.031075	0.001065	0.036494
	-0.037417	0.009998	-0.031341	-0.008338	-0.002261	-0.001949
	0.006199					
x103	0.007810	0.027648	0.017564	0.026091	0.029358	0.002210
	0.005393	-0.008899	0.045123	0.008322	-0.006761	0.027848
	-0.003069	0.046863	0.031019	0.021943	-0.038024	0.034907
	0.049882	0.020625	-0.031563	-0.019505	-0.018724	0.012344
	-0.015855	0.014409	0.032601	0.049275	0.011748	0.014207
	-0.044254					
y103	0.043538	-0.000050	-0.031931	0.034469	-0.021501	0.049898
	0.060623	-0.034338	-0.051046	-0.001481	0.022777	-0.053235
	0.068557	0.037098	0.044429	0.023337	-0.017640	0.019632
	0.005245	0.022579	0.040510	-0.025965	0.035917	-0.012432
	-0.040746	-0.008655	-0.013174	-0.104169	0.002148	0.007563
	0.003614					
z103	0.010815	0.026365	0.037003	-0.079177	-0.068580	-0.003572
	0.018037	-0.029384	0.074852	-0.006743	-0.021029	-0.002885
	0.033392	0.004113	0.000360	0.004770	-0.012630	0.053669
	0.034211	-0.019974	0.007358	-0.017595	-0.012593	0.029548
	-0.018496	0.011636	-0.019159	0.002018	-0.004612	-0.001426
	-0.005574					
x104	0.007852	0.024285	0.016209	0.022938	0.030411	-0.001421
	0.006754	-0.005701	0.038253	0.007337	-0.003727	0.022069
	0.006854	0.052629	0.030731	0.035752	-0.036256	0.040255
	0.041544	0.024697	-0.029227	-0.022900	-0.022545	0.009607
	-0.018051	0.010698	0.011500	0.052867	0.015379	0.018568
	-0.048244					
y104	0.040187	0.001471	-0.028150	0.025046	-0.023924	0.057047
	0.057087	-0.021666	-0.047167	0.004835	0.012505	-0.040237
	0.074430	0.037892	0.041589	0.022756	-0.021202	0.014662
	0.006822	0.034802	0.030831	-0.025593	0.029167	-0.016876
	-0.054940	-0.007313	-0.007960	-0.068563	-0.002030	0.010346
	-0.011449					

z104	0.007886	0.028198	0.042312	-0.079671	-0.064491	-0.006329
	0.016912	-0.028604	0.080329	-0.003509	-0.016440	-0.001997
	0.033847	-0.001425	-0.010711	0.007914	0.003631	0.047991
	0.026038	-0.010465	0.001327	-0.005647	-0.017007	0.030018
	0.003565	0.018368	-0.025321	0.016341	0.004140	-0.014777
	-0.011986					
x105	0.008104	0.021034	0.016663	0.019114	0.031813	-0.002842
	0.005382	-0.003200	0.030021	0.005837	-0.004195	0.019068
	0.015427	0.052366	0.026557	0.038782	-0.034192	0.039141
	0.033572	0.033207	-0.020800	-0.021161	-0.024139	0.015699
	-0.023990	0.005283	0.005406	0.050487	0.022251	0.027439
	-0.038825					
y105	0.038188	0.002379	-0.025372	0.017393	-0.025254	0.061438
	0.052526	-0.013043	-0.041123	0.009485	0.001926	-0.029048
	0.081448	0.035600	0.039899	0.021957	-0.022429	0.009564
	0.011694	0.048947	0.024902	-0.023060	0.020988	-0.011245
	-0.068471	-0.005098	0.000243	-0.043069	-0.009515	0.013223
	-0.017699					
z105	0.007049	0.028692	0.043805	-0.073142	-0.059860	-0.007634
	0.010965	-0.038648	0.087498	-0.003573	-0.019916	-0.012702
	0.034440	-0.011079	-0.011099	0.004517	0.021001	0.047414
	0.026647	0.001087	0.009567	0.005794	-0.023718	0.038810
	0.007733	0.023188	-0.006935	0.011728	0.005063	-0.018018
	-0.007732					
x106	0.005294	0.017799	0.014464	0.013321	0.031542	-0.003743
	0.002645	-0.002955	0.021162	0.006841	-0.009559	0.016037
	0.018314	0.049671	0.018266	0.026404	-0.041086	0.030680
	0.025370	0.041250	-0.007472	-0.016774	-0.031778	0.018205
	-0.030074	0.000507	0.007693	0.027546	0.025136	0.031960
	-0.029986					
y106	0.035598	0.002421	-0.022614	0.009220	-0.028585	0.064654
	0.046699	-0.008742	-0.035077	0.012330	-0.010131	-0.023256
	0.084994	0.031692	0.036062	0.013772	-0.027647	0.002798
	0.006513	0.057824	0.018658	-0.019756	0.015175	-0.013148
	-0.070691	-0.000994	-0.000116	-0.035806	-0.014050	0.019598
	-0.014204					
z106	0.003286	0.029532	0.041833	-0.067116	-0.058993	-0.007719
	0.005513	-0.051784	0.087067	-0.002024	-0.029432	-0.026649
	0.028589	-0.024531	-0.015841	-0.013583	0.019121	0.042225
	0.015826	0.006125	0.018453	0.010263	-0.035766	0.032365
	0.014902	0.024787	0.016091	-0.019321	0.008909	-0.020366
	0.003006					

x107	0.005965	0.012492	0.015096	0.010205	0.032256	-0.005366
	0.001686	0.001247	0.017143	0.003500	-0.011029	0.013538
	0.022580	0.051435	0.018435	0.028970	-0.027660	0.026191
	0.013987	0.038477	0.001878	-0.010603	-0.026428	0.018171
	-0.029188	0.000581	0.003658	0.030933	0.027315	0.042288
	-0.031019					
y107	0.035253	0.000922	-0.018301	-0.001352	-0.028665	0.065495
	0.040481	-0.006793	-0.024809	0.011987	-0.019753	-0.016868
	0.083203	0.029661	0.031845	0.009676	-0.023259	-0.002714
	0.004591	0.060461	0.009622	-0.015138	0.010364	-0.022692
	-0.070726	-0.000258	-0.000542	-0.019590	-0.021038	0.020043
	-0.001648					
z107	0.004389	0.029509	0.042211	-0.060957	-0.054892	-0.008359
	0.003180	-0.060183	0.090920	-0.007908	-0.033542	-0.036088
	0.019803	-0.033419	-0.010762	-0.008648	0.036514	0.045984
	0.007583	0.002983	0.016224	0.004938	-0.037888	0.010737
	0.017033	0.020495	0.032143	-0.012781	0.012096	-0.025888
	0.009816					
x108	0.006397	0.008487	0.013960	0.001239	0.033729	-0.006322
	0.003130	0.007186	0.003949	0.001830	-0.015150	0.012438
	0.021598	0.053377	0.015296	0.038053	-0.021667	0.010652
	-0.001226	0.020760	0.019597	-0.010106	-0.019968	0.001370
	-0.017309	-0.006314	-0.008267	0.042400	0.031290	0.046941
	-0.039573					
y108	0.034958	0.001437	-0.014403	-0.016822	-0.026103	0.064197
	0.038104	-0.009271	-0.025602	0.011162	-0.027964	-0.017852
	0.076202	0.032004	0.024479	0.011600	-0.023859	-0.008276
	-0.004319	0.048747	0.011106	-0.011192	0.008704	-0.049123
	-0.056671	-0.005844	-0.013950	0.010020	-0.023423	0.018585
	-0.005346					
z108	0.004689	0.032426	0.039264	-0.057135	-0.050366	-0.010846
	0.006169	-0.067205	0.079204	-0.013830	-0.037391	-0.046737
	0.009382	-0.041538	-0.007652	0.004509	0.042488	0.050358
	-0.011175	-0.011045	0.020722	-0.009087	-0.035360	-0.021006
	0.023698	0.010701	0.041753	0.003684	0.019188	-0.035803
	0.000880					
x109	0.004865	0.003434	0.012640	-0.008057	0.032724	-0.008790
	0.001242	0.019541	-0.003141	0.002130	-0.021680	0.019195
	0.021062	0.050184	0.008827	0.039042	-0.013108	-0.011039
	-0.010950	0.012442	0.033279	-0.001115	-0.010731	-0.000716
	-0.009343	-0.003644	-0.014750	0.041674	0.029722	0.053973
	-0.035530					

y109	0.033289	0.004392	-0.012403	-0.028184	-0.025886	0.062221
	0.034239	-0.004050	-0.020159	0.016549	-0.036217	-0.012240
	0.073367	0.027525	0.014024	0.007355	-0.024248	-0.024097
	-0.002206	0.044032	0.002097	-0.004523	-0.008978	-0.040188
	-0.038849	-0.006402	-0.021346	0.034816	-0.021477	0.032534
	0.003537					
z109	0.003154	0.033947	0.035118	-0.050629	-0.046921	-0.011396
	0.006866	-0.069143	0.071519	-0.017034	-0.045583	-0.053731
	0.000420	-0.056399	-0.003207	0.012519	0.047484	0.055474
	-0.034901	-0.025449	0.019128	-0.024112	-0.036256	-0.033506
	0.027169	0.005949	0.059836	0.013166	0.017778	-0.032319
	0.013472					
x110	0.002553	-0.004311	0.014733	-0.014360	0.028872	-0.014335
	-0.004497	0.031756	-0.000492	-0.004754	-0.027503	0.025798
	0.024286	0.045293	0.001789	0.030632	0.005810	-0.017647
	-0.023749	0.018580	0.047491	0.012547	0.010579	0.008300
	-0.017985	0.013099	-0.013832	0.018528	0.016423	0.049559
	-0.023385					
y110	0.032300	0.001552	-0.004120	-0.036951	-0.027157	0.054677
	0.024412	-0.004286	-0.004905	0.012719	-0.042527	-0.007941
	0.070735	0.022485	-0.002495	-0.010306	-0.014204	-0.016630
	-0.015480	0.051701	-0.009075	0.007187	-0.005891	-0.021094
	-0.039189	0.008215	-0.030984	0.020825	-0.032407	0.022150
	0.036053					
z110	0.003395	0.034033	0.031151	-0.040030	-0.045706	-0.013737
	0.008342	-0.072894	0.064288	-0.023238	-0.051843	-0.063099
	-0.008540	-0.070072	0.004506	0.021534	0.054259	0.073338
	-0.063604	-0.038326	0.015975	-0.047862	-0.028883	-0.047069
	0.014695	0.004573	0.080603	0.009644	0.009119	-0.040148
	0.017479					
x111	0.000697	-0.012237	0.014387	-0.021245	0.025042	-0.018211
	-0.006836	0.043389	0.000138	-0.007313	-0.036207	0.032130
	0.024850	0.038097	-0.000025	0.034732	0.025942	-0.031892
	-0.033107	0.013337	0.066186	0.016945	0.026967	0.009464
	-0.016296	0.025118	-0.011444	0.003656	0.006259	0.051402
	-0.022335					
y111	0.032182	-0.000522	-0.001219	-0.044972	-0.029186	0.047069
	0.019087	-0.006328	0.011180	0.016148	-0.044714	-0.010932
	0.069069	0.015371	-0.008444	-0.004485	-0.005122	-0.013134
	-0.022769	0.051610	-0.022967	0.006472	-0.013501	-0.010547
	-0.031052	0.015781	-0.042745	0.010474	-0.034499	0.023974
	0.049849					

z111	0.004833	0.034296	0.024490	-0.028269	-0.043570	-0.013787
	0.012831	-0.078131	0.051235	-0.029589	-0.058556	-0.073703
	-0.019694	-0.082976	0.020209	0.041109	0.059630	0.090824
	-0.094260	-0.061073	0.010499	-0.079829	-0.020003	-0.072622
	0.005709	-0.003983	0.102406	0.018171	0.008746	-0.038525
	0.020600					
x112	-0.002998	-0.000417	0.002209	-0.051344	0.010513	-0.003622
	-0.005364	0.047590	-0.007993	-0.024495	-0.040530	0.016856
	0.021269	0.019176	-0.009963	0.025217	0.011877	-0.059649
	-0.023523	-0.019242	0.060307	0.016585	0.023385	-0.007092
	-0.033370	0.043214	0.014047	-0.005919	0.002840	0.033113
	-0.013497					
y112	0.030200	-0.004876	0.000269	-0.043261	-0.027473	0.031309
	0.019006	-0.018023	0.025535	0.033800	-0.033924	-0.027279
	0.045848	-0.008921	-0.007618	0.017396	-0.001006	-0.009167
	-0.011473	0.037791	-0.028621	0.009195	-0.037677	-0.011644
	-0.024844	0.011438	-0.041418	-0.008778	-0.056213	0.028937
	0.074833					
z112	-0.003710	0.023483	0.021365	-0.002851	-0.040819	-0.014599
	0.005436	-0.058354	0.035987	-0.019300	-0.042579	-0.068626
	-0.054141	-0.088922	0.027600	0.013478	0.034110	0.081040
	-0.069531	-0.027520	0.043139	-0.035141	-0.025556	-0.022894
	-0.031008	0.038516	0.063071	0.024685	0.013435	-0.038739
	0.012252					
x113	-0.009202	0.010122	-0.008061	-0.066656	-0.001345	0.008519
	-0.003212	0.044496	-0.021077	-0.041934	-0.046666	0.002018
	0.013193	0.009192	-0.024392	0.018689	-0.009565	-0.096423
	-0.008780	-0.037593	0.049397	0.027810	0.027996	0.001161
	-0.044214	0.068251	0.037835	-0.009173	0.010541	0.019297
	-0.010670					
y113	0.024108	-0.010701	0.001263	-0.032081	-0.025788	0.022049
	0.012027	-0.033283	0.021569	0.042992	-0.015978	-0.044376
	0.028081	-0.024108	-0.013965	0.023476	-0.020628	-0.032153
	0.003290	0.041735	-0.044154	0.033990	-0.049326	0.015397
	-0.033667	0.020427	-0.018843	-0.018589	-0.054940	0.039923
	0.074800					
z113	-0.010816	0.015749	0.017801	0.017052	-0.037300	-0.017730
	0.002355	-0.040698	0.019802	-0.014938	-0.031570	-0.062474
	-0.079942	-0.089874	0.039232	-0.004249	0.011830	0.074325
	-0.048324	-0.003666	0.059210	-0.006926	-0.026008	0.007731
	-0.055223	0.068292	0.026820	0.036487	0.012768	-0.048229
	0.008275					

x114	-0.010272	0.014596	-0.014296	-0.086797	-0.014966	0.024985
	-0.002152	0.052952	-0.004691	-0.040264	-0.075126	-0.004796
	0.004096	-0.001914	-0.019395	0.017560	-0.011981	-0.117627
	-0.010628	-0.067670	0.062090	0.048073	0.029671	0.020778
	-0.036404	0.098219	0.051191	0.011287	-0.009822	0.037494
	-0.020521					
y114	0.022762	-0.018179	0.004769	-0.031704	-0.025518	0.011806
	0.011737	-0.033970	0.036424	0.057364	-0.025560	-0.052365
	0.014261	-0.031852	0.004896	0.043567	-0.016720	-0.045018
	-0.003993	0.013730	-0.044951	0.058408	-0.052444	0.035456
	-0.024043	0.026067	-0.018867	-0.003005	-0.080286	0.054538
	0.069214					
z114	-0.017474	0.010968	0.014156	0.034469	-0.033276	-0.021458
	-0.002073	-0.025874	0.000993	-0.013882	-0.015141	-0.056103
	-0.100742	-0.089738	0.039690	-0.023900	-0.010085	0.066378
	-0.026520	0.026989	0.066514	0.013533	-0.027333	0.026893
	-0.081227	0.082181	-0.001450	0.033311	0.018261	-0.049042
	0.006429					
x115	-0.015060	0.020418	-0.021253	-0.094863	-0.027293	0.030890
	0.003748	0.056006	0.001632	-0.051018	-0.090010	-0.012072
	-0.006005	-0.002749	-0.023329	0.017598	-0.008371	-0.127749
	-0.008069	-0.082062	0.057152	0.055032	0.033583	0.023000
	-0.029820	0.096510	0.046604	0.020874	-0.016036	0.045043
	-0.029112					
y115	0.014731	-0.021530	0.009384	-0.025812	-0.027419	-0.001818
	0.014242	-0.033490	0.038177	0.057186	-0.023039	-0.050768
	-0.000886	-0.028074	0.005563	0.058463	-0.015793	-0.050283
	-0.004071	0.006099	-0.054498	0.068366	-0.041783	0.041835
	-0.017529	0.012663	-0.021227	-0.006171	-0.083227	0.060984
	0.058925					
z115	-0.020555	0.007667	0.009291	0.045223	-0.027008	-0.025570
	-0.004962	-0.014828	-0.019753	-0.011817	-0.002649	-0.054777
	-0.115899	-0.088922	0.040426	-0.038611	-0.027986	0.056671
	-0.007858	0.048647	0.067548	0.022434	-0.032989	0.033617
	-0.102888	0.090226	-0.022129	0.031864	0.020367	-0.053944
	0.010016					
x116	-0.023729	0.027817	-0.030909	-0.087922	-0.032675	0.020572
	0.012805	0.046629	-0.012534	-0.077116	-0.083717	-0.030453
	-0.012997	-0.000717	-0.037127	0.013526	-0.012085	-0.126497
	0.007184	-0.085787	0.025045	0.037178	0.036933	0.003109
	-0.028334	0.067658	0.031783	0.011095	0.004957	0.004464
	-0.007778					

y116	0.004786	-0.024303	0.014249	-0.017031	-0.027363	-0.015176
	0.016323	-0.036977	0.035287	0.057423	-0.017148	-0.045528
	-0.019443	-0.027339	-0.000852	0.063652	-0.026713	-0.050720
	0.008536	-0.000028	-0.059122	0.064814	-0.031351	0.041448
	-0.006554	0.008904	-0.016439	-0.010791	-0.072793	0.045082
	0.058564					
z116	-0.019324	0.002996	0.005054	0.044797	-0.024349	-0.025143
	-0.009881	0.000296	-0.026761	-0.001957	-0.002323	-0.051875
	-0.124336	-0.086375	0.045746	-0.042740	-0.031913	0.044929
	-0.004075	0.062591	0.074082	0.026843	-0.038567	0.040345
	-0.111822	0.098455	-0.033662	0.038296	0.012234	-0.037685
	-0.004375					
x117	-0.024790	0.024999	-0.037141	-0.086056	-0.043621	0.026791
	0.013548	0.050899	0.013441	-0.066931	-0.100539	-0.034993
	-0.018090	-0.006349	-0.036173	0.017724	-0.000715	-0.106277
	0.006141	-0.085168	0.035370	0.033505	0.030861	0.008837
	0.007262	0.061934	0.009306	0.017183	-0.010248	0.032796
	-0.015500					
y117	-0.002426	-0.027108	0.018244	-0.008332	-0.032186	-0.026476
	0.019813	-0.040218	0.032301	0.060403	-0.019218	-0.038865
	-0.038613	-0.022129	-0.001222	0.078948	-0.027604	-0.052385
	0.018481	-0.005186	-0.052815	0.062787	-0.028201	0.034973
	0.000026	0.005583	-0.034318	-0.012179	-0.064372	0.031523
	0.055282					
z117	-0.021588	0.004207	-0.000036	0.044179	-0.015502	-0.034646
	-0.012034	0.009240	-0.045806	-0.009626	0.009337	-0.056787
	-0.128988	-0.078557	0.044632	-0.052342	-0.040009	0.031358
	0.000835	0.076454	0.052576	0.010417	-0.034802	0.030194
	-0.136341	0.073929	-0.026044	0.023228	0.023715	-0.045587
	0.004263					
x118	-0.027170	0.024402	-0.044165	-0.065797	-0.050438	0.011679
	0.020326	0.043309	0.025184	-0.080151	-0.093517	-0.060426
	-0.025753	0.005402	-0.031414	0.043996	0.029936	-0.072111
	0.017090	-0.073856	0.014043	0.015579	0.028684	-0.003813
	0.019240	0.027875	-0.035955	0.018660	-0.008171	0.027364
	-0.016557					
y118	-0.010095	-0.029468	0.022142	0.000164	-0.036983	-0.036557
	0.023408	-0.043019	0.032622	0.061324	-0.023227	-0.033811
	-0.067176	-0.014538	0.006910	0.092663	-0.021060	-0.059814
	0.027675	-0.000766	-0.029702	0.060892	-0.026539	0.035132
	-0.012366	0.001205	-0.042033	-0.012363	-0.053762	0.009960
	0.048059					

z118	-0.021827	0.004482	-0.004661	0.030876	-0.006437	-0.035418
	-0.016784	0.024807	-0.054413	-0.004425	0.004694	-0.050498
	-0.125149	-0.077806	0.035405	-0.075689	-0.053801	0.018265
	0.000676	0.081382	0.045405	-0.007585	-0.028580	0.029041
	-0.146790	0.050947	-0.002063	-0.004538	0.026760	-0.028532
	0.019166					
x119	-0.029284	0.022812	-0.049065	-0.046388	-0.051710	0.001428
	0.023049	0.034429	0.033166	-0.082030	-0.097460	-0.086629
	-0.054734	0.007427	-0.035874	0.042066	0.047139	-0.050701
	0.027814	-0.052644	0.017392	0.017814	-0.002582	0.001430
	-0.001519	-0.023650	-0.055701	-0.001948	-0.002529	0.031449
	-0.004309					
y119	-0.018959	-0.031915	0.026802	0.007552	-0.042249	-0.045529
	0.030027	-0.037844	0.031239	0.063697	-0.032905	-0.017882
	-0.093271	-0.006276	0.010878	0.097518	-0.016091	-0.067348
	0.033179	0.007346	0.005273	0.049868	-0.014278	0.040165
	-0.026480	0.000509	-0.052991	-0.014160	-0.026932	-0.027376
	0.054000					
z119	-0.017485	0.005690	-0.011540	0.020418	-0.001929	-0.044944
	-0.016311	0.040056	-0.060604	-0.007585	0.007026	-0.042601
	-0.105255	-0.065061	0.038804	-0.065023	-0.046247	0.022379
	-0.001763	0.077938	0.017214	-0.033076	-0.003717	-0.001314
	-0.113477	0.028566	-0.009875	-0.004860	0.016146	0.008401
	0.031333					
x120	-0.031600	0.019978	-0.054570	-0.023123	-0.052685	-0.016991
	0.035235	0.035236	0.039404	-0.080412	-0.105257	-0.102940
	-0.082299	0.010584	-0.037802	0.049273	0.066626	-0.033554
	0.028916	-0.024431	0.019833	0.006941	-0.009319	0.001483
	0.005326	-0.078503	-0.102954	-0.015528	0.011733	0.036786
	0.051543					
y120	-0.025807	-0.034873	0.032204	0.014563	-0.051200	-0.049530
	0.029633	-0.036792	0.025089	0.066832	-0.037213	0.006906
	-0.118333	0.015542	0.010848	0.110686	-0.024395	-0.076620
	0.036914	0.005186	0.026279	0.040794	-0.006491	0.012895
	-0.018502	-0.010291	-0.076465	0.003952	0.003859	-0.059048
	0.012806					
z120	-0.009839	0.008405	-0.017170	0.005652	0.004420	-0.050722
	-0.022311	0.045136	-0.068975	-0.010587	0.011726	-0.041605
	-0.089751	-0.047068	0.029792	-0.052137	-0.047846	0.021343
	-0.007402	0.061442	-0.028827	-0.046313	-0.011462	-0.057425
	-0.089499	-0.015051	-0.012345	-0.003844	0.000836	0.048784
	0.007793					

x121	-0.032841	0.021361	-0.065156	-0.020371	-0.051864	-0.014968
	0.029882	0.038913	0.045590	-0.065348	-0.083623	-0.117502
	-0.094139	0.003829	-0.028431	0.029796	0.068585	-0.011243
	0.025196	-0.009885	0.004566	0.006907	0.024615	0.030436
	0.040888	-0.095172	-0.065286	0.013195	0.017261	-0.009096
	0.004517					
y121	-0.023795	-0.033999	0.028277	0.008198	-0.052219	-0.040392
	0.021550	-0.033431	0.013747	0.066867	-0.035875	0.015499
	-0.127098	0.009493	0.006435	0.085235	-0.053909	-0.085918
	0.026240	0.003707	0.021394	0.045690	-0.001913	-0.006133
	-0.012075	-0.030545	-0.044094	-0.007595	0.031983	-0.050929
	0.019844					
z121	-0.006498	0.007635	-0.021027	-0.008203	0.001665	-0.042922
	-0.032667	0.039455	-0.060694	0.010598	0.009094	-0.037244
	-0.086061	-0.034240	0.040840	-0.051876	-0.047336	-0.007877
	0.005567	0.062487	-0.023984	-0.038537	-0.005581	-0.065034
	-0.071511	-0.016498	-0.014446	-0.006786	-0.018550	0.043442
	-0.031487					
x122	-0.034244	0.024709	-0.074058	-0.014702	-0.050770	-0.012480
	0.025425	0.034900	0.036579	-0.053826	-0.066094	-0.130422
	-0.109161	-0.000151	-0.026551	0.001959	0.052828	-0.000153
	0.021738	0.004734	-0.015484	0.001045	0.046326	0.041234
	0.057402	-0.117970	-0.027243	0.018065	0.022671	-0.052118
	-0.010886					
y122	-0.020558	-0.033867	0.025916	0.001805	-0.052801	-0.032700
	0.014323	-0.026065	0.012182	0.067104	-0.032530	0.025860
	-0.125371	0.005511	0.006647	0.067361	-0.067115	-0.091529
	0.014091	0.000543	0.018793	0.052518	0.006637	-0.009575
	0.000369	-0.032811	-0.016697	-0.007832	0.051766	-0.035925
	0.009011					
z122	-0.001747	0.004889	-0.023682	-0.018389	0.000048	-0.039218
	-0.040383	0.039353	-0.048058	0.028321	0.008925	-0.032227
	-0.075346	-0.022708	0.055930	-0.041707	-0.035350	-0.032498
	0.009479	0.059852	-0.018416	-0.030297	0.000585	-0.060795
	-0.051426	-0.006185	-0.024409	-0.001056	-0.030342	0.039753
	-0.062046					
x123	-0.033785	0.026511	-0.079543	-0.012517	-0.051017	-0.004105
	0.021070	0.032026	0.032083	-0.036933	-0.057932	-0.133514
	-0.120500	-0.005450	-0.024101	-0.025318	0.032783	0.004438
	0.014004	0.017267	-0.024355	-0.004081	0.059969	0.050533
	0.070838	-0.123422	0.006488	0.012416	0.012043	-0.068850
	-0.024140					

y123	-0.018036	-0.030725	0.024252	-0.000257	-0.049667	-0.030740
	0.009882	-0.023301	0.007394	0.060106	-0.023934	0.028705
	-0.118631	0.003260	0.006051	0.053638	-0.066784	-0.090601
	0.004069	-0.001826	0.013942	0.057983	0.009183	-0.012782
	0.013607	-0.043372	0.007689	0.003962	0.085461	-0.028910
	-0.005062					
z123	0.003183	0.003316	-0.025682	-0.023464	0.001641	-0.039514
	-0.046958	0.037737	-0.041116	0.039801	0.012767	-0.031331
	-0.062620	-0.011715	0.070420	-0.028635	-0.017444	-0.050300
	0.008829	0.052652	-0.015439	-0.023604	0.002037	-0.056801
	-0.029270	-0.002391	-0.030154	0.014973	-0.024136	0.030193
	-0.081851					
x124	-0.032451	0.028717	-0.080677	-0.006401	-0.048475	0.000587
	0.020379	0.027817	0.025317	-0.029603	-0.045736	-0.134164
	-0.118991	-0.006694	-0.016326	-0.035963	0.023603	0.008874
	0.009222	0.023983	-0.035314	-0.013944	0.070257	0.043719
	0.080277	-0.115859	0.016156	0.016916	0.013955	-0.082543
	-0.035716					
y124	-0.015129	-0.027963	0.022659	-0.003177	-0.047415	-0.027228
	0.006758	-0.020955	0.005765	0.057076	-0.020862	0.032815
	-0.114767	0.001383	0.002493	0.036141	-0.067593	-0.086456
	-0.006901	0.000198	0.014192	0.064348	0.008444	-0.007040
	0.020183	-0.049071	0.037030	0.002170	0.096999	-0.011319
	-0.018521					
z124	0.008169	0.001605	-0.028296	-0.028795	0.003498	-0.038429
	-0.052313	0.035450	-0.038944	0.052063	0.012831	-0.028640
	-0.054873	-0.001634	0.077918	-0.025522	-0.008347	-0.063106
	0.003430	0.046780	-0.013489	-0.015297	0.000701	-0.043884
	-0.012065	-0.003829	-0.021123	0.012334	-0.026326	0.030187
	-0.088897					
x125	-0.029027	0.031051	-0.078268	-0.000770	-0.045034	0.006134
	0.023324	0.022859	0.017435	-0.024402	-0.038662	-0.127296
	-0.109442	-0.005977	-0.005362	-0.041465	0.018268	0.010383
	0.000646	0.023054	-0.044486	-0.024256	0.071437	0.038127
	0.086203	-0.099736	0.016860	0.019861	0.006404	-0.077520
	-0.032206					
y125	-0.013131	-0.024984	0.021895	-0.004283	-0.044407	-0.025093
	0.003534	-0.020199	0.006630	0.052656	-0.017379	0.032267
	-0.110101	-0.001044	-0.000885	0.022158	-0.065926	-0.076657
	-0.010103	0.009676	0.018148	0.068093	0.005580	-0.008868
	0.020302	-0.050878	0.060549	-0.005477	0.117819	0.001001
	-0.032450					

z125	0.012706	-0.000752	-0.030568	-0.031534	0.006994	-0.037417
	-0.058495	0.033605	-0.038756	0.061612	0.014859	-0.027897
	-0.046906	0.005648	0.084366	-0.022304	-0.002696	-0.069852
	-0.000623	0.044315	-0.010893	-0.008260	-0.000916	-0.039873
	0.001514	-0.003492	-0.009214	0.003459	-0.014901	0.027710
	-0.092387					
x126	-0.023818	0.032819	-0.073238	0.005273	-0.039880	0.014156
	0.027833	0.015308	0.010812	-0.015428	-0.032751	-0.112906
	-0.095725	-0.007241	0.006099	-0.041575	0.016265	0.012962
	-0.011912	0.019691	-0.051488	-0.032181	0.061063	0.022279
	0.092809	-0.064844	0.008172	0.012039	-0.000593	-0.060410
	-0.010267					
y126	-0.012020	-0.020129	0.022987	-0.003931	-0.042752	-0.024634
	0.002548	-0.018383	0.006734	0.039037	-0.017361	0.028237
	-0.101049	0.000357	-0.001152	0.008272	-0.061270	-0.066009
	-0.008643	0.019453	0.026055	0.064923	0.003348	-0.005194
	0.013484	-0.057845	0.078529	-0.003941	0.122454	0.018699
	-0.065302					
z126	0.016909	-0.003126	-0.031586	-0.031739	0.010710	-0.037729
	-0.063002	0.034924	-0.042720	0.061208	0.014305	-0.030452
	-0.035092	0.013878	0.093036	-0.018924	0.001495	-0.075433
	-0.007232	0.038505	-0.007452	-0.004747	-0.002713	-0.028714
	0.011342	-0.013475	0.004257	0.000980	-0.007203	0.034569
	-0.097276					
x127	-0.018502	0.035621	-0.064941	0.012075	-0.034846	0.023073
	0.032698	0.006331	-0.001972	-0.010422	-0.032071	-0.096765
	-0.078732	-0.004153	0.016855	-0.042462	0.014608	0.007149
	-0.027732	0.016739	-0.056040	-0.041684	0.038487	-0.003644
	0.094827	-0.024719	0.001421	-0.008717	0.003570	-0.029801
	0.005550					
y127	-0.010078	-0.014930	0.024773	-0.002037	-0.040106	-0.024154
	0.004816	-0.018764	0.013546	0.025755	-0.015126	0.027532
	-0.088815	-0.002047	-0.000365	-0.001188	-0.050394	-0.045056
	-0.002110	0.029036	0.035133	0.058974	0.003717	0.001526
	0.003807	-0.056760	0.074650	0.000468	0.103328	0.031477
	-0.082220					
z127	0.022110	-0.007044	-0.032859	-0.028977	0.016859	-0.037298
	-0.065087	0.036260	-0.045610	0.059325	0.017663	-0.030292
	-0.019950	0.014592	0.101592	-0.011898	0.008423	-0.069540
	-0.015801	0.026480	-0.007122	-0.002266	-0.004275	-0.014730
	0.020660	-0.022231	0.003651	-0.002705	-0.013819	0.041210
	-0.070099					

x128	-0.011728	0.037515	-0.051100	0.014241	-0.030371	0.035808
	0.034121	0.000555	-0.013925	-0.003840	-0.045156	-0.072990
	-0.058547	0.006755	0.031500	-0.047791	0.008433	-0.009921
	-0.045948	0.009139	-0.039967	-0.045776	0.006989	-0.029289
	0.094538	0.013295	0.012416	-0.028417	0.020743	0.018087
	-0.003299					
y128	-0.007942	-0.008470	0.025375	0.007704	-0.036500	-0.027861
	0.014553	-0.026454	0.022818	0.010795	0.000027	0.024237
	-0.071821	-0.012063	-0.002928	-0.003240	-0.026534	-0.009080
	0.006721	0.049486	0.025991	0.038729	-0.002157	0.006293
	-0.012744	-0.033776	0.039690	-0.001197	0.046041	0.033962
	-0.060816					
z128	0.026462	-0.010162	-0.035925	-0.017743	0.024865	-0.040677
	-0.061418	0.032677	-0.057181	0.051575	0.032452	-0.032768
	-0.002436	0.006421	0.104781	-0.000684	0.019058	-0.053600
	-0.026923	0.018116	-0.027579	-0.014613	-0.012031	-0.005907
	0.023263	-0.024421	-0.017718	-0.014124	-0.032933	0.038961
	0.004106					
x129	-0.003235	0.071465	-0.058254	0.027085	-0.060779	0.002530
	0.001490	-0.000712	-0.046313	0.028118	-0.080125	0.027565
	-0.006109	-0.012830	-0.114310	-0.033129	0.035205	0.072468
	0.000110	-0.054853	-0.037678	-0.085521	-0.084574	0.009756
	-0.001537	0.014987	0.022064	0.027570	0.052457	0.007390
	0.028900					
y129	-0.033995	-0.033865	0.019582	-0.013315	-0.045819	0.006443
	0.016031	-0.036095	0.045051	0.002571	0.010103	-0.009250
	-0.007600	-0.066874	0.090237	-0.002111	0.045421	-0.021309
	-0.042791	0.011653	0.021411	0.047889	0.063397	0.003050
	-0.006869	-0.027861	-0.096388	0.096818	-0.015141	0.009599
	-0.029139					
z129	0.081745	0.005706	-0.072826	-0.016015	0.062721	-0.042011
	-0.096400	0.023934	-0.061158	0.025464	-0.023233	0.010950
	-0.041720	0.038428	-0.075221	-0.028014	0.060985	0.066631
	0.034909	-0.103893	-0.088266	-0.013839	-0.029470	-0.034988
	-0.074975	-0.066408	-0.056849	-0.038202	-0.021770	0.044030
	0.057371					
x130	-0.005056	0.067135	-0.050599	0.027583	-0.060854	0.020348
	-0.005155	0.005728	-0.038645	0.032609	-0.081162	0.037612
	0.002903	-0.016669	-0.079422	-0.027389	0.034274	0.066869
	-0.022986	-0.037230	-0.016121	-0.064155	-0.074492	0.001515
	0.005898	0.028806	0.021420	0.040579	0.020551	0.007835
	0.011753					

y130	-0.024709	-0.031101	0.009777	-0.013628	-0.039318	0.006614
	0.011516	-0.039665	0.048249	0.019444	0.012312	-0.003408
	-0.008625	-0.068154	0.072413	-0.002500	0.047290	-0.008285
	-0.029905	-0.005897	0.009037	0.050680	0.074778	0.007332
	-0.002564	-0.010282	-0.087985	0.095910	-0.026691	0.045017
	-0.005009					
z130	0.083904	0.007406	-0.069535	-0.020733	0.054831	-0.026554
	-0.098802	0.036777	-0.044517	0.029893	-0.017937	0.013125
	-0.040277	0.024495	-0.062847	-0.023762	0.044592	0.048150
	0.029352	-0.088630	-0.071338	0.015624	-0.018978	-0.013370
	-0.073128	-0.061427	-0.019337	-0.007886	-0.003733	0.037437
	0.024020					
x131	-0.007477	0.064519	-0.044754	0.031903	-0.059290	0.027460
	-0.005309	0.005957	-0.042340	0.029264	-0.073376	0.044315
	0.009416	-0.013554	-0.052664	-0.022895	0.031988	0.056900
	-0.034929	-0.020863	-0.013866	-0.048121	-0.073453	-0.019506
	0.005296	0.033757	0.018120	0.034177	0.005173	-0.009461
	0.025386					
y131	-0.015437	-0.028207	-0.002903	-0.008071	-0.035357	-0.000278
	0.011242	-0.048637	0.041502	0.032841	0.025232	0.002721
	-0.012391	-0.073569	0.050690	-0.001196	0.042896	0.011824
	-0.011416	-0.014054	-0.008526	0.053799	0.075484	-0.007201
	-0.002816	0.011231	-0.080409	0.083170	-0.032662	0.063334
	0.060090					
z131	0.084553	0.009594	-0.064179	-0.023424	0.047186	-0.014445
	-0.099917	0.049072	-0.032652	0.027646	-0.016841	0.012158
	-0.038666	0.016575	-0.049188	-0.018607	0.033078	0.027381
	0.023155	-0.074851	-0.056312	0.033939	-0.011595	0.004831
	-0.073080	-0.062786	0.014094	0.015591	0.017110	0.027645
	-0.015565					
x132	-0.008856	0.062545	-0.037858	0.033318	-0.059118	0.036686
	-0.005969	0.010899	-0.040227	0.029278	-0.075111	0.049169
	0.013630	-0.011120	-0.027160	-0.018909	0.032635	0.040870
	-0.048819	-0.007023	-0.006844	-0.037535	-0.063256	-0.024464
	0.009524	0.028411	0.015248	0.024060	-0.016499	-0.013456
	0.023264					
y132	-0.009743	-0.023252	-0.008000	-0.005692	-0.037497	-0.004435
	0.008070	-0.041357	0.045000	0.037865	0.012437	0.003869
	-0.012165	-0.066523	0.042555	-0.003521	0.049624	0.002347
	-0.005307	-0.027331	-0.014747	0.044493	0.075774	0.000229
	-0.004587	0.004533	-0.059353	0.054910	-0.026833	0.094665
	0.048678					

z132	0.086711	0.011463	-0.064421	-0.023887	0.044340	-0.000875
	-0.098538	0.049434	-0.023480	0.034688	0.002175	0.014936
	-0.037217	-0.005039	-0.051236	-0.012552	0.018360	0.031620
	0.025427	-0.059072	-0.046429	0.054782	0.001815	0.008262
	-0.056247	-0.047399	0.030277	0.037189	0.013096	0.013706
	0.010328					
x133	-0.009972	0.061512	-0.031403	0.035947	-0.055227	0.040315
	-0.003503	0.011113	-0.044564	0.023702	-0.072041	0.049856
	0.017071	-0.007411	-0.009028	-0.011472	0.029122	0.028553
	-0.058460	0.003745	-0.010515	-0.031354	-0.063409	-0.029317
	0.003960	0.018035	0.009485	0.015215	-0.021398	-0.039725
	0.010705					
y133	-0.006061	-0.019164	-0.013295	-0.001108	-0.035500	-0.011145
	0.005335	-0.037017	0.040376	0.029055	0.007010	0.001005
	-0.009695	-0.055457	0.030232	-0.002912	0.054293	-0.005760
	0.003226	-0.045343	-0.032342	0.039832	0.057139	0.005551
	-0.014996	-0.006738	-0.042959	0.026969	-0.000588	0.076755
	0.018814					
z133	0.088480	0.013297	-0.063902	-0.023996	0.042115	0.012191
	-0.096375	0.050118	-0.014053	0.040747	0.016434	0.017762
	-0.035672	-0.023215	-0.053794	-0.009920	0.008637	0.033150
	0.028408	-0.045818	-0.034280	0.071070	0.017630	0.011020
	-0.037767	-0.032089	0.039726	0.050011	0.007989	0.005296
	0.028305					
x134	-0.009210	0.059694	-0.024533	0.036152	-0.052703	0.046597
	0.000797	0.009934	-0.046248	0.023396	-0.070130	0.050550
	0.021820	-0.008318	0.008455	-0.000591	0.026287	0.026721
	-0.063086	0.017272	-0.005983	-0.029745	-0.063668	-0.032003
	0.002313	0.011788	0.005487	0.012362	-0.026457	-0.046744
	0.002085					
y134	0.000975	-0.019990	-0.019415	0.006132	-0.036381	-0.010243
	0.000945	-0.035903	0.038106	0.031687	0.007357	-0.000398
	-0.008560	-0.051324	0.021708	-0.000427	0.050655	0.003135
	0.008778	-0.060208	-0.036335	0.035082	0.046870	-0.001923
	-0.017155	0.002531	-0.030963	0.000040	0.008008	0.084306
	0.039836					
z134	0.088584	0.015028	-0.061005	-0.022350	0.039138	0.020717
	-0.094178	0.054448	-0.008384	0.040359	0.021848	0.018550
	-0.036472	-0.028639	-0.051656	-0.010345	0.000981	0.020138
	0.030374	-0.035859	-0.021861	0.076842	0.027558	0.015083
	-0.029564	-0.022510	0.046205	0.049927	0.010591	-0.002913
	0.021177					

x135	-0.006899	0.056127	-0.019816	0.036069	-0.046043	0.050231
	0.005162	0.009725	-0.048231	0.028724	-0.065283	0.052338
	0.018248	0.002502	0.020740	0.004906	0.021397	0.013470
	-0.055966	0.019449	-0.012102	-0.019597	-0.050887	-0.029480
	0.007588	0.004254	0.002533	0.017850	-0.037904	-0.052215
	-0.012026					
y135	0.007245	-0.022079	-0.024227	0.009404	-0.034315	-0.010718
	-0.005129	-0.033720	0.040263	0.038439	0.008703	-0.000752
	-0.012188	-0.047521	0.010446	-0.003340	0.048300	0.021280
	0.015687	-0.082311	-0.040500	0.030665	0.044767	-0.010773
	0.002576	0.008875	-0.001905	-0.013614	-0.001983	0.078682
	0.051326					
z135	0.086620	0.018141	-0.055790	-0.019862	0.035131	0.027823
	-0.088328	0.057050	-0.005102	0.033868	0.023546	0.016792
	-0.035738	-0.035810	-0.049961	-0.008954	-0.000550	0.009829
	0.032604	-0.018362	-0.006230	0.067776	0.025774	0.018541
	-0.023377	-0.019336	0.050749	0.043368	0.018283	-0.017004
	0.009012					
x136	-0.004742	0.052983	-0.013615	0.035328	-0.038435	0.052436
	0.013691	0.005602	-0.050596	0.033622	-0.061989	0.051711
	0.013680	0.005300	0.031653	0.007914	0.014315	-0.001407
	-0.051248	0.033533	-0.020645	-0.011893	-0.050738	-0.025031
	-0.001930	-0.007768	-0.000650	0.023376	-0.040604	-0.057508
	-0.021908					
y136	0.010310	-0.023123	-0.028883	0.013059	-0.029863	-0.009282
	-0.009628	-0.034659	0.041473	0.039034	0.012115	0.000705
	-0.009531	-0.047788	0.006480	-0.009176	0.046466	0.023092
	0.023540	-0.079141	-0.035315	0.038253	0.032484	-0.014078
	0.000709	0.008435	0.014634	-0.007427	0.007966	0.070139
	0.037198					
z136	0.084097	0.020036	-0.051448	-0.017667	0.033356	0.032902
	-0.082319	0.058610	-0.003892	0.026595	0.026315	0.015797
	-0.032988	-0.038102	-0.051032	-0.007526	0.002499	0.001219
	0.037264	-0.009079	0.011071	0.056886	0.031313	0.014315
	-0.010633	-0.013406	0.045251	0.027780	0.014523	-0.025757
	-0.000742					
x137	-0.001377	0.052685	-0.006754	0.033502	-0.032417	0.051509
	0.020186	0.002517	-0.052793	0.036464	-0.061394	0.051560
	0.011462	0.008149	0.033604	0.015330	0.012299	-0.007489
	-0.042488	0.043796	-0.021394	-0.013499	-0.046278	-0.018939
	-0.017113	-0.019663	-0.003042	0.020050	-0.044559	-0.063707
	-0.035461					

y137	0.015047	-0.021888	-0.031541	0.016669	-0.029534	-0.010800
	-0.017666	-0.031472	0.043733	0.036519	0.014606	0.002137
	-0.008934	-0.041307	-0.004237	-0.015888	0.049856	0.036415
	0.028836	-0.083542	-0.018837	0.031469	0.020455	-0.027686
	-0.001091	0.020019	0.033890	-0.031613	0.018686	0.048279
	0.028114					
z137	0.080911	0.020714	-0.046977	-0.013269	0.032986	0.037747
	-0.074357	0.057841	-0.005616	0.019813	0.027454	0.013798
	-0.031471	-0.038301	-0.052128	-0.009070	0.003815	-0.008467
	0.042677	-0.001176	0.023020	0.044595	0.033807	0.010356
	0.007760	-0.007601	0.034591	0.009508	0.010215	-0.028562
	-0.007082					
x138	0.002388	0.051901	-0.001396	0.031587	-0.024085	0.049421
	0.029527	-0.004079	-0.054974	0.041745	-0.061213	0.049621
	0.007143	0.009896	0.031044	0.020405	0.007549	-0.019524
	-0.034612	0.056500	-0.029523	-0.018018	-0.037934	-0.003303
	-0.028210	-0.036717	-0.003760	0.017617	-0.051112	-0.070349
	-0.048292					
y138	0.018705	-0.024025	-0.035987	0.024657	-0.029320	-0.010544
	-0.024937	-0.033229	0.043095	0.032806	0.014332	0.000524
	-0.005677	-0.042611	-0.012226	-0.019998	0.044813	0.043712
	0.019290	-0.075665	-0.005758	0.016068	0.018673	-0.032367
	-0.008200	0.030263	0.047009	-0.053885	0.017293	0.021232
	0.019393					
z138	0.077092	0.021494	-0.040590	-0.008841	0.032312	0.041348
	-0.065506	0.058996	-0.007025	0.010002	0.027245	0.011777
	-0.031079	-0.034826	-0.051109	-0.011634	0.012471	-0.016752
	0.053477	0.002278	0.038492	0.023452	0.030138	-0.001186
	0.024188	-0.005652	0.018303	-0.017030	0.009381	-0.024535
	-0.016753					
x139	0.005547	0.050182	0.007558	0.036935	-0.020394	0.049792
	0.029141	-0.007729	-0.038604	0.034509	-0.052293	0.054483
	0.004820	0.010351	0.038959	0.015684	0.005923	-0.017272
	-0.024267	0.042719	-0.035372	-0.012258	-0.020295	0.013111
	-0.039058	-0.035909	-0.001341	0.012278	-0.039215	-0.041800
	-0.045847					
y139	0.027973	-0.024231	-0.047761	0.028943	-0.029804	-0.013341
	-0.027930	-0.028177	0.037204	0.033682	0.013623	0.007664
	-0.005272	-0.037718	-0.022053	-0.025799	0.028282	0.045410
	0.018162	-0.068906	-0.015074	0.015281	0.010760	-0.041754
	-0.018481	0.032108	0.050814	-0.051914	0.009863	0.000177
	0.023882					

z139	0.077055	0.026262	-0.040868	-0.012695	0.024016	0.036844
	-0.047220	0.058550	0.000464	-0.000237	0.027862	0.011889
	-0.020529	-0.026320	-0.059105	-0.023585	0.000053	-0.025836
	0.031619	0.006929	0.032714	0.029370	0.013703	0.004303
	0.035327	-0.007303	0.013068	-0.019163	0.002425	-0.002030
	-0.025397					
x140	0.008819	0.049671	0.014201	0.041490	-0.015857	0.049741
	0.028633	-0.012095	-0.026167	0.028503	-0.045010	0.057957
	0.001729	0.007997	0.042199	0.009158	0.003642	-0.018371
	-0.022652	0.024893	-0.037334	-0.013860	-0.006457	0.021781
	-0.046947	-0.040471	0.004707	0.008462	-0.040748	-0.014986
	-0.053306					
y140	0.035842	-0.021491	-0.060895	0.031017	-0.026494	-0.012979
	-0.026840	-0.024115	0.032045	0.028879	0.013444	0.012348
	-0.003954	-0.032686	-0.033241	-0.036668	0.022122	0.042606
	0.008135	-0.062952	-0.017346	0.007005	0.000160	-0.040906
	-0.013171	0.025787	0.050891	-0.044797	-0.004788	-0.001583
	0.009283					
z140	0.076100	0.028837	-0.037734	-0.017607	0.013902	0.032762
	-0.030753	0.058005	0.009607	-0.008276	0.025582	0.014070
	-0.011167	-0.019911	-0.060017	-0.026525	-0.011834	-0.031191
	0.023889	0.013962	0.025606	0.037984	0.003287	0.003381
	0.044392	0.001572	0.008418	-0.025480	0.007794	0.008014
	-0.028337					
x141	0.011550	0.048720	0.019051	0.046211	-0.010179	0.048596
	0.028232	-0.017351	-0.011599	0.025622	-0.033800	0.058779
	-0.000241	0.001945	0.045226	0.009877	0.002598	-0.006758
	-0.015932	0.010563	-0.038471	-0.010377	0.007209	0.021163
	-0.049291	-0.034462	0.001265	0.009160	-0.032998	-0.003787
	-0.034786					
y141	0.043697	-0.018630	-0.072826	0.031785	-0.022169	-0.013801
	-0.025777	-0.022847	0.035896	0.027832	0.019606	0.016624
	0.000732	-0.036912	-0.043604	-0.037882	0.016526	0.053300
	0.008742	-0.053191	-0.023405	0.000511	-0.003093	-0.052442
	0.000901	0.037030	0.054117	-0.030901	0.000438	-0.019758
	0.016167					
z141	0.074365	0.029198	-0.033077	-0.023786	0.003908	0.032080
	-0.016635	0.062697	0.014774	-0.017888	0.015478	0.015842
	-0.007821	-0.005955	-0.056544	-0.036416	-0.019890	-0.048467
	0.009923	0.017016	0.027694	0.048304	-0.010824	0.018561
	0.044844	-0.002382	0.004778	-0.033393	-0.000444	0.034438
	-0.055183					

x142	0.014032	0.046762	0.023884	0.048095	-0.005838	0.049341
	0.027192	-0.019922	0.000171	0.022947	-0.025573	0.063239
	-0.001742	0.000683	0.046765	0.010333	0.000159	-0.000683
	-0.012795	-0.003405	-0.044042	-0.009562	0.021918	0.022096
	-0.045015	-0.026579	-0.000608	0.010457	-0.029937	0.010801
	-0.028936					
y142	0.050414	-0.017150	-0.083959	0.036006	-0.017475	-0.010781
	-0.023157	-0.016677	0.035451	0.021580	0.021643	0.022122
	0.003070	-0.040300	-0.047343	-0.035963	0.009762	0.055606
	0.004026	-0.043784	-0.022116	-0.006724	-0.002613	-0.051925
	-0.000663	0.053035	0.033764	-0.017880	-0.005014	-0.015962
	0.010093					
z142	0.071503	0.031496	-0.028024	-0.029744	-0.004942	0.025470
	-0.002424	0.058597	0.017692	-0.028040	0.012238	0.012666
	-0.004697	0.006815	-0.057784	-0.040065	-0.022942	-0.056896
	0.003426	0.020166	0.016974	0.049333	-0.022179	0.022771
	0.043180	-0.020852	0.009774	-0.044060	-0.001745	0.027547
	-0.057446					
x143	0.015652	0.045880	0.026523	0.048208	-0.001991	0.050237
	0.026352	-0.021825	0.010822	0.022179	-0.022266	0.060130
	-0.005004	0.003257	0.049134	0.005804	-0.004853	0.000945
	-0.013554	-0.021034	-0.034237	-0.007847	0.027715	0.016584
	-0.045009	-0.031891	0.003842	0.004218	-0.028519	0.016805
	-0.039978					
y143	0.055751	-0.014822	-0.093548	0.036682	-0.014453	-0.007607
	-0.016732	-0.010377	0.037422	0.010298	0.021077	0.020238
	0.002715	-0.035340	-0.045555	-0.040608	0.005922	0.048782
	0.002910	-0.030803	-0.021370	-0.021681	-0.008150	-0.046504
	0.005199	0.052437	0.032411	-0.019326	0.003916	-0.023719
	-0.008475					
z143	0.067391	0.031194	-0.021891	-0.032216	-0.010583	0.017750
	0.010582	0.051548	0.014183	-0.042001	0.016830	0.014750
	-0.000468	0.014498	-0.060555	-0.033114	-0.023989	-0.050443
	0.005469	0.027619	-0.006218	0.056392	-0.019143	0.023859
	0.037656	-0.022560	-0.008275	-0.045346	-0.006027	0.019146
	-0.022746					
x144	0.016993	0.044810	0.028245	0.046287	0.003113	0.049289
	0.025187	-0.024624	0.018935	0.023426	-0.017874	0.059324
	-0.006871	0.006693	0.048335	0.003698	-0.009922	0.005282
	-0.013705	-0.037726	-0.032955	-0.008032	0.036728	0.006925
	-0.041440	-0.035747	-0.000152	0.005839	-0.025773	0.018869
	-0.040972					

y144	0.059203	-0.013421	-0.101816	0.036631	-0.010253	-0.003017
	-0.009121	-0.003399	0.041000	-0.000416	0.019454	0.022439
	0.006020	-0.034650	-0.043946	-0.036297	0.004908	0.043657
	0.005833	-0.019495	-0.020939	-0.020326	-0.013084	-0.045074
	-0.001677	0.049778	0.013829	-0.009102	-0.003050	-0.014711
	-0.005378					
z144	0.063368	0.029862	-0.013289	-0.034700	-0.017988	0.014209
	0.019658	0.047993	0.016721	-0.052599	0.016853	0.014997
	-0.001147	0.015774	-0.057434	-0.029730	-0.021336	-0.046771
	0.007296	0.035300	-0.016172	0.048509	-0.018722	0.037476
	0.047617	-0.011843	-0.004290	-0.051656	-0.006782	-0.000658
	-0.008807					
x145	0.017112	0.043716	0.029100	0.043196	0.008626	0.048362
	0.022178	-0.029535	0.023331	0.025224	-0.015128	0.057532
	-0.009971	0.007979	0.043253	-0.004855	-0.018349	0.009878
	-0.012965	-0.046004	-0.028762	-0.004454	0.038510	-0.004365
	-0.042687	-0.036754	0.001848	-0.002114	-0.028205	0.007792
	-0.025635					
y145	0.061783	-0.012527	-0.108700	0.035091	-0.007986	0.001889
	-0.003784	-0.001310	0.047474	-0.011914	0.017824	0.024165
	0.008380	-0.035397	-0.045751	-0.033780	0.002984	0.030885
	0.008602	-0.005759	-0.032803	-0.031698	-0.020266	-0.036740
	0.002585	0.054330	0.017087	-0.008505	-0.012294	-0.024878
	0.014334					
z145	0.060591	0.026447	-0.003453	-0.040385	-0.024946	0.016256
	0.027727	0.050762	0.026542	-0.053558	0.010167	0.017863
	-0.004101	0.020303	-0.046420	-0.017562	-0.011083	-0.042116
	0.006841	0.032946	-0.010924	0.050538	-0.010365	0.059186
	0.057563	-0.010284	-0.010824	-0.035578	-0.013778	0.011570
	-0.025584					
x146	0.017603	0.037305	0.030726	0.037583	0.011191	0.049726
	0.022171	-0.030847	0.029205	0.024467	-0.009738	0.059140
	-0.008862	0.018921	0.043487	0.003353	-0.019742	0.020483
	-0.000207	-0.049386	-0.041999	-0.002857	0.048734	-0.011626
	-0.023428	-0.023307	-0.001967	0.001793	-0.019010	0.001559
	-0.009881					
y146	0.065897	-0.011482	-0.114265	0.035345	-0.004594	0.008354
	0.004483	0.012718	0.056952	-0.030413	0.014526	0.026992
	0.003139	-0.036089	-0.034177	-0.021281	0.019509	0.025963
	0.017529	0.014824	-0.027324	-0.025887	-0.024698	-0.022915
	0.014705	0.053576	-0.010838	-0.000782	-0.023777	-0.022467
	0.034326					

z146	0.053193	0.028483	0.004299	-0.044005	-0.027467	0.006456
	0.036478	0.038304	0.020628	-0.058189	0.011005	0.009427
	-0.003270	0.018784	-0.049207	-0.008940	-0.014343	-0.038762
	-0.000938	0.018505	-0.016360	0.025531	-0.009779	0.056033
	0.042464	-0.021323	-0.007612	-0.040582	-0.020243	-0.017236
	-0.026338					
x147	0.018849	0.035374	0.029518	0.034115	0.016482	0.045062
	0.020238	-0.030054	0.031998	0.029079	-0.009178	0.056964
	-0.013738	0.021463	0.039627	0.005524	-0.023467	0.027592
	0.002975	-0.054836	-0.036125	-0.000731	0.056537	-0.016888
	-0.015013	-0.021237	-0.010343	0.006515	-0.020360	-0.018184
	-0.007970					
y147	0.068046	-0.010197	-0.119866	0.035730	0.000986	0.013266
	0.015530	0.025380	0.060928	-0.052183	0.011259	0.026658
	-0.005903	-0.040521	-0.022500	-0.009218	0.031485	0.023003
	0.032972	0.038224	-0.014691	-0.024981	-0.021428	-0.004224
	0.013284	0.047795	-0.045551	0.005022	-0.032187	-0.020547
	0.048293					
z147	0.046882	0.025066	0.017683	-0.052694	-0.031233	0.009730
	0.042033	0.029765	0.025522	-0.061229	0.007202	0.008387
	-0.002546	0.026528	-0.038649	0.000630	-0.002832	-0.031120
	-0.005378	0.005552	-0.018731	0.016322	-0.016038	0.052101
	0.043301	-0.014661	-0.002895	-0.042565	-0.021643	-0.019031
	-0.016230					
x148	0.017967	0.035677	0.028505	0.033652	0.018306	0.039357
	0.018528	-0.021811	0.041525	0.030401	-0.007194	0.056257
	-0.011623	0.023440	0.034502	-0.004864	-0.020739	0.030535
	0.010485	-0.048155	-0.047228	0.005803	0.055342	-0.018927
	-0.024599	-0.022616	-0.018247	0.006706	-0.012400	-0.014956
	-0.001199					
y148	0.070616	-0.008497	-0.116956	0.038558	0.000138	0.017897
	0.014549	0.022101	0.056667	-0.045569	0.011323	0.032815
	-0.005452	-0.038697	-0.027373	-0.005940	0.036016	0.003611
	0.011691	0.026864	0.017306	-0.021224	-0.026443	0.005774
	0.007955	0.042623	-0.029861	0.016997	-0.030571	-0.013687
	0.028660					
z148	0.039256	0.024950	0.031607	-0.053914	-0.036247	0.003176
	0.046346	0.018459	0.017439	-0.050286	0.013864	0.005200
	-0.007542	0.035042	-0.043472	0.001685	-0.006361	-0.010376
	-0.012777	-0.004431	-0.022552	0.012800	-0.006079	0.052220
	0.029428	0.002109	0.005267	-0.035311	-0.019590	-0.019642
	-0.009739					

x149	0.017515	0.035646	0.028100	0.032418	0.019633	0.032726
	0.016820	-0.015885	0.052075	0.032601	-0.001871	0.055107
	-0.006198	0.029743	0.028109	-0.012539	-0.019811	0.032538
	0.016870	-0.032755	-0.053302	0.001771	0.060976	-0.005575
	-0.033808	-0.017112	-0.014511	0.005364	-0.000208	-0.013086
	0.009508					
y149	0.072060	-0.006950	-0.112122	0.040599	-0.000848	0.018485
	0.015495	0.017178	0.050506	-0.042374	0.014304	0.035268
	-0.004637	-0.031717	-0.034219	-0.003243	0.036704	-0.010275
	-0.006625	0.018570	0.037035	-0.027413	-0.021082	0.018466
	0.000593	0.035090	-0.014062	0.026125	-0.024503	-0.013945
	0.013098					
z149	0.032632	0.023132	0.043997	-0.057131	-0.042250	0.002362
	0.046023	0.010620	0.014071	-0.038247	0.011106	0.004492
	-0.014580	0.037105	-0.040413	0.001693	-0.007792	0.003715
	-0.021578	-0.017318	-0.025070	0.019706	-0.005294	0.042220
	0.025466	0.014134	0.011892	-0.017732	-0.026957	-0.007954
	-0.020546					
x150	0.018151	0.034601	0.026004	0.031689	0.020679	0.025890
	0.016892	-0.010981	0.059557	0.032031	-0.000873	0.055641
	-0.003627	0.033591	0.025951	-0.018416	-0.022109	0.035116
	0.023017	-0.021980	-0.056643	0.002641	0.064148	0.002312
	-0.036198	-0.016452	-0.014522	0.004132	-0.001044	-0.015006
	0.012474					
y150	0.073185	-0.005765	-0.107056	0.041624	-0.001327	0.019426
	0.017956	0.015514	0.045297	-0.039017	0.014849	0.035670
	-0.008498	-0.025977	-0.039297	-0.001097	0.037823	-0.016471
	-0.021859	0.008251	0.051760	-0.030928	-0.019549	0.027817
	-0.002863	0.024981	-0.005919	0.033455	-0.017573	-0.014105
	0.001289					
z150	0.024649	0.024111	0.054068	-0.057423	-0.045418	-0.000560
	0.044953	-0.001944	0.005743	-0.031169	0.019451	-0.001233
	-0.011045	0.041542	-0.039784	0.003270	-0.005432	0.012160
	-0.027451	-0.018618	-0.033472	0.020486	-0.003793	0.026955
	0.007653	0.025838	0.011104	-0.005265	-0.010421	-0.006134
	-0.008957					
x151	0.018491	0.031958	0.024820	0.031382	0.022239	0.020283
	0.015433	-0.010699	0.062489	0.033273	0.001128	0.051803
	-0.001801	0.036654	0.025752	-0.020121	-0.022975	0.037456
	0.025664	-0.016354	-0.056596	0.006977	0.061772	0.005996
	-0.039376	-0.016267	-0.015265	0.011385	0.007783	-0.016280
	0.019218					

y151	0.073506	-0.005639	-0.100324	0.041388	-0.001343	0.022696
	0.020256	0.014024	0.042301	-0.035829	0.013732	0.035808
	-0.012385	-0.020703	-0.039684	0.001051	0.038296	-0.020874
	-0.038016	-0.002129	0.061830	-0.031156	-0.019120	0.036992
	-0.008498	0.014527	-0.003100	0.045105	-0.016865	-0.011438
	-0.010009					
z151	0.018721	0.024481	0.062076	-0.064080	-0.050791	0.001499
	0.042211	-0.005438	0.011683	-0.018340	0.018543	0.001062
	-0.008568	0.044256	-0.034897	0.000752	-0.003321	0.015806
	-0.032178	-0.015215	-0.028860	0.019297	-0.000873	0.024800
	0.009117	0.043468	0.021929	0.001754	-0.015117	0.007239
	-0.021368					
x152	0.018572	0.028152	0.023859	0.028128	0.026872	0.014770
	0.013372	-0.009808	0.063047	0.033981	0.003091	0.052511
	-0.000397	0.042338	0.022864	-0.023973	-0.024080	0.035585
	0.024855	-0.005486	-0.052980	0.009866	0.062395	0.008043
	-0.033282	-0.018088	-0.017615	0.015985	0.012822	-0.019559
	0.026918					
y152	0.072477	-0.005352	-0.093180	0.039509	-0.000939	0.024546
	0.024090	0.011578	0.038780	-0.036648	0.013378	0.033862
	-0.015135	-0.018045	-0.036963	0.005162	0.038963	-0.022041
	-0.057430	-0.006910	0.061445	-0.036415	-0.016717	0.040190
	-0.012772	0.000931	-0.005005	0.056552	-0.012048	-0.017837
	-0.009130					
z152	0.012432	0.027857	0.068525	-0.063479	-0.058178	-0.000210
	0.042782	-0.012352	0.005332	-0.012479	0.022686	-0.007936
	-0.004025	0.048342	-0.032927	0.003298	-0.002995	0.028712
	-0.023742	-0.016190	-0.032482	0.013798	-0.000261	0.013155
	-0.008159	0.052622	0.025076	0.005875	-0.006287	0.009230
	-0.021152					
x153	0.019565	0.024045	0.022710	0.024624	0.029866	0.011261
	0.012260	-0.011360	0.063290	0.035450	0.002194	0.051820
	0.000825	0.045599	0.022406	-0.028328	-0.030719	0.031227
	0.024459	0.008241	-0.042549	0.007895	0.063805	0.007091
	-0.031672	-0.017286	-0.017902	0.029430	0.019323	-0.028049
	0.051490					
y153	0.070618	-0.005853	-0.084451	0.037009	0.000004	0.025697
	0.028753	0.011818	0.035370	-0.039209	0.013948	0.029132
	-0.019771	-0.011942	-0.035228	0.007221	0.038495	-0.017834
	-0.072299	-0.012508	0.052454	-0.040754	-0.010924	0.042007
	-0.019362	-0.013558	-0.014887	0.068250	-0.005956	-0.021800
	-0.004923					

z153	0.005892	0.032121	0.070374	-0.063440	-0.063487	-0.002842
	0.041070	-0.020298	-0.000221	-0.011579	0.029812	-0.016215
	0.005880	0.052762	-0.023539	0.007191	0.005706	0.032414
	-0.017884	-0.011916	-0.039483	0.019827	-0.005748	0.002710
	-0.006595	0.052108	0.029694	-0.001115	0.002853	0.009881
	-0.040123					
x154	0.019342	0.018133	0.022033	0.022511	0.032957	0.005605
	0.008599	-0.013522	0.064426	0.030513	0.003019	0.052781
	0.002044	0.045886	0.022915	-0.028060	-0.031018	0.035449
	0.015958	0.023520	-0.036798	0.015116	0.069196	0.009721
	-0.026155	-0.008920	-0.016933	0.035927	0.024364	-0.028909
	0.072185					
y154	0.068006	-0.007872	-0.074917	0.032449	0.000485	0.027930
	0.033251	0.011532	0.034881	-0.042678	0.012061	0.023159
	-0.024472	-0.005583	-0.028925	0.008628	0.039331	-0.009839
	-0.087508	-0.018112	0.039615	-0.040886	-0.003076	0.042901
	-0.021951	-0.027672	-0.030553	0.075065	-0.008761	-0.028103
	0.005882					
z154	0.001394	0.036274	0.072094	-0.065974	-0.070176	-0.000850
	0.041096	-0.026180	-0.004492	-0.001778	0.034145	-0.024012
	0.018459	0.060478	-0.016354	0.007354	0.010293	0.030827
	0.002681	-0.004024	-0.033848	0.012688	-0.011620	-0.008305
	-0.018841	0.049868	0.028169	0.000087	0.013284	0.007564
	-0.056691					
x155	0.019097	0.014101	0.018700	0.019731	0.032603	-0.000988
	0.005984	-0.014476	0.065298	0.028358	0.007215	0.047982
	0.006266	0.048627	0.023094	-0.021265	-0.025004	0.027924
	0.013947	0.039661	-0.023889	0.015535	0.064910	0.015156
	-0.021844	-0.009674	-0.021674	0.042234	0.028421	-0.031288
	0.068684					
y155	0.064611	-0.008840	-0.065484	0.028244	0.000901	0.030570
	0.039644	0.015215	0.037645	-0.044219	0.009467	0.018186
	-0.029767	0.000431	-0.019155	0.010816	0.032816	0.001605
	-0.094374	-0.018635	0.017965	-0.043110	-0.000261	0.048462
	-0.026141	-0.044828	-0.048277	0.079953	-0.007732	-0.035411
	0.019207					
z155	-0.000975	0.037934	0.073947	-0.066708	-0.073677	0.003703
	0.038786	-0.036044	-0.009408	0.008104	0.036006	-0.026306
	0.030999	0.062813	-0.004838	0.005492	0.005383	0.037034
	0.014990	0.000387	-0.036813	0.005248	-0.006442	-0.027213
	-0.016433	0.053799	0.039779	0.001292	0.025177	0.007693
	-0.047033					

x156	0.018907	0.012299	0.015958	0.019922	0.035331	-0.012242
	-0.000499	-0.017565	0.067707	0.020289	0.010012	0.042286
	0.009545	0.048025	0.020889	-0.015552	-0.019363	0.028602
	0.000455	0.056964	-0.016655	0.008988	0.062289	0.004503
	-0.030336	-0.010440	-0.028130	0.055330	0.020112	-0.054530
	0.084300					
y156	0.057974	-0.028658	-0.054555	0.012181	-0.006845	0.061375
	0.067215	0.013606	0.020750	-0.056891	0.017369	0.016584
	-0.030157	0.019302	0.021399	0.023995	0.002427	0.048005
	-0.032820	0.010758	-0.045015	-0.029486	-0.010143	0.068436
	0.007218	-0.021834	-0.043384	0.083108	0.058549	0.013700
	0.067711					
z156	-0.001202	0.048124	0.073538	-0.066142	-0.074182	-0.003452
	0.024961	-0.038810	-0.003996	0.026849	0.029291	-0.028963
	0.045363	0.061771	-0.008914	-0.000403	0.018563	0.005026
	-0.009930	-0.010000	-0.004174	-0.000977	0.006344	-0.027622
	-0.015444	0.033112	0.037454	0.005146	0.010103	-0.002475
	-0.082976					
x157	0.016232	0.006436	0.014205	0.012956	0.032468	-0.015427
	-0.011604	-0.020463	0.070142	0.015815	0.000492	0.030679
	0.006443	0.045608	0.020118	-0.018204	-0.013478	0.025939
	-0.016479	0.057697	-0.013597	0.008045	0.049549	-0.001018
	-0.024847	-0.011186	-0.014829	0.059032	0.018432	-0.038766
	0.050084					
y157	0.056156	-0.023414	-0.044430	0.009706	-0.007446	0.059001
	0.055247	0.009245	0.027771	-0.056686	0.015037	0.012004
	-0.009624	0.010865	0.031581	-0.002928	0.012543	0.036753
	-0.015175	0.031682	-0.026989	-0.022534	-0.011112	0.064154
	-0.004463	-0.000594	-0.037115	0.064745	0.035117	0.003244
	0.019256					
z157	-0.007090	0.057818	0.070311	-0.064090	-0.073097	-0.011360
	0.021250	-0.048528	-0.009841	0.035432	0.030242	-0.029002
	0.044172	0.055539	-0.020946	0.005353	0.018217	-0.014488
	-0.011912	-0.009112	-0.002402	-0.012348	0.012101	-0.048543
	-0.010191	-0.002561	0.043338	0.031273	0.000546	-0.037005
	-0.043383					
x158	0.013475	0.002890	0.010613	0.007773	0.032967	-0.024212
	-0.021367	-0.022350	0.069414	0.010289	-0.003172	0.023663
	0.007799	0.042865	0.015719	-0.016720	-0.008806	0.021217
	-0.029464	0.062900	-0.003340	-0.000337	0.030461	0.004564
	-0.027966	-0.015860	0.001325	0.046311	0.009306	-0.049926
	0.024849					

y158	0.054240	-0.018892	-0.035672	0.007469	-0.012168	0.060130
	0.045099	0.008212	0.036646	-0.048931	0.009838	0.005866
	0.005739	0.003172	0.038498	-0.026565	0.017052	0.028928
	0.004326	0.045719	-0.010613	-0.009952	-0.012691	0.065797
	-0.008653	0.020736	-0.027741	0.055939	0.015903	0.011492
	-0.030488					
z158	-0.010976	0.060294	0.067963	-0.061766	-0.075991	-0.008628
	0.017917	-0.052751	-0.013249	0.043127	0.023388	-0.032710
	0.039391	0.048582	-0.028551	0.012082	0.010201	-0.023682
	-0.016639	-0.015285	-0.011578	-0.014319	0.024238	-0.062267
	0.002051	-0.022147	0.051366	0.054879	0.004124	-0.036272
	-0.015321					
x159	0.013522	-0.000036	0.009656	-0.000157	0.029653	-0.024375
	-0.025751	-0.018122	0.066632	0.010844	-0.009334	0.025183
	0.009534	0.035072	0.018440	-0.022708	-0.005535	0.013607
	-0.046097	0.056358	0.009148	-0.002393	0.011689	0.017309
	-0.032994	-0.021532	0.018458	0.054006	0.011661	-0.035942
	0.005223					
y159	0.050853	-0.013622	-0.027685	0.006977	-0.015354	0.055994
	0.036706	0.002646	0.036783	-0.046095	0.005729	-0.004151
	0.018223	0.003184	0.034341	-0.042598	0.020029	0.020965
	0.026332	0.060269	-0.005513	-0.005548	-0.010793	0.054091
	-0.010097	0.028024	-0.022585	0.045834	0.005514	-0.000289
	-0.063872					
z159	-0.015373	0.062591	0.061505	-0.052987	-0.074151	-0.013532
	0.013230	-0.061794	-0.016574	0.041138	0.019139	-0.045305
	0.035976	0.047021	-0.042106	0.021132	0.006551	-0.028243
	-0.007907	-0.016484	-0.020476	-0.022109	0.035238	-0.079215
	0.005200	-0.046130	0.055870	0.053159	-0.003497	-0.057568
	0.006798					
x160	0.014985	-0.004297	0.008092	-0.006415	0.029154	-0.027851
	-0.027858	-0.010691	0.062928	0.008067	-0.006380	0.030428
	0.014757	0.038814	0.014432	-0.017850	0.000447	0.015262
	-0.059206	0.050668	0.015326	0.008670	0.015872	0.013205
	-0.025671	-0.022677	0.010497	0.059867	0.006786	-0.032744
	0.003298					
y160	0.046871	-0.009875	-0.018973	0.005201	-0.020713	0.053497
	0.029807	-0.002979	0.034145	-0.038123	-0.001245	-0.014757
	0.024366	-0.001275	0.028015	-0.055380	0.019895	0.011652
	0.038985	0.063654	0.001229	-0.006772	-0.013737	0.055475
	-0.013486	0.037060	-0.011156	0.037734	-0.003697	0.003990
	-0.082258					

z160	-0.016701	0.062282	0.055642	-0.039568	-0.071860	-0.013212
	0.009902	-0.063033	-0.016607	0.040316	0.011941	-0.053836
	0.031572	0.041857	-0.045959	0.030226	0.004402	-0.031288
	-0.002951	-0.020180	-0.019448	-0.025784	0.036164	-0.072503
	-0.000811	-0.058311	0.059963	0.049509	-0.012783	-0.053079
	0.019637					
x161	0.015100	-0.010039	0.009294	-0.014521	0.026281	-0.029372
	-0.031903	-0.001480	0.055689	0.009998	-0.009173	0.029100
	0.016889	0.040134	0.006517	-0.013466	0.001717	0.012702
	-0.075317	0.045106	0.028538	0.014301	0.009849	0.015139
	-0.020329	-0.031378	0.008463	0.054862	0.023633	-0.024693
	0.002590					
y161	0.041647	-0.004614	-0.011783	0.003058	-0.025781	0.048702
	0.028356	-0.009171	0.026429	-0.034226	-0.004538	-0.021334
	0.028024	-0.000998	0.018100	-0.064411	0.019132	0.004865
	0.052232	0.064538	0.003675	-0.005698	-0.012588	0.043695
	-0.011406	0.035896	-0.006438	0.032409	-0.024481	0.005861
	-0.098165					
z161	-0.016412	0.061336	0.047838	-0.024068	-0.064797	-0.011995
	0.008745	-0.060499	-0.015664	0.037114	0.009513	-0.056722
	0.028686	0.035208	-0.050154	0.037147	0.005217	-0.030142
	0.005839	-0.018141	-0.013635	-0.013839	0.038141	-0.063742
	-0.004138	-0.072990	0.053880	0.043511	-0.016756	-0.040804
	0.037323					
x162	0.015324	-0.013614	0.007837	-0.027949	0.021202	-0.030474
	-0.026934	0.009682	0.035466	0.016000	-0.013472	0.022145
	0.016978	0.038425	0.003151	0.001349	-0.003029	0.001430
	-0.089905	0.017209	0.047338	0.008098	0.000081	-0.009882
	0.000937	-0.050892	-0.015037	0.065686	0.051969	-0.022539
	0.002883					
y162	0.036420	-0.000784	-0.004999	0.000047	-0.028578	0.046550
	0.026905	-0.014982	0.020368	-0.025811	-0.010543	-0.025974
	0.026214	0.002219	0.001069	-0.069716	0.014151	-0.000074
	0.059173	0.056294	0.002758	-0.004747	-0.014910	0.043376
	-0.006020	0.032255	0.007837	0.028447	-0.053509	0.020710
	-0.118318					
z162	-0.013196	0.057922	0.038078	-0.005899	-0.053217	-0.006402
	0.008635	-0.055824	-0.011243	0.036564	0.005036	-0.060484
	0.023424	0.029913	-0.052427	0.047233	0.005342	-0.026794
	0.014822	-0.028030	-0.002498	0.001754	0.031401	-0.044876
	-0.004893	-0.086128	0.046662	0.040164	-0.025375	-0.014020
	0.031410					

x163	0.014483	-0.015433	0.004779	-0.043581	0.018894	-0.026603
	-0.025579	0.021720	0.023627	0.021251	-0.032042	0.011066
	0.025544	0.039000	0.006451	0.003752	0.000135	0.006878
	-0.092380	0.001255	0.063790	0.006797	0.003587	-0.008943
	0.008715	-0.048912	-0.005737	0.054705	0.046670	-0.012776
	0.011598					
y163	0.030311	0.001485	0.001393	0.003028	-0.035910	0.035728
	0.028791	-0.022527	0.003848	-0.021583	-0.010881	-0.031590
	0.017438	0.009103	-0.021257	-0.071449	0.004832	-0.002477
	0.066078	0.045513	-0.004270	-0.003605	-0.014272	0.031425
	-0.014644	0.016854	0.007306	0.020020	-0.063129	0.014920
	-0.105547					
z163	-0.007357	0.053426	0.030279	0.015064	-0.039873	-0.000613
	0.011983	-0.041052	-0.013951	0.033056	0.005333	-0.051864
	0.020075	0.020163	-0.056864	0.054760	0.002295	-0.026990
	0.015227	-0.028493	0.003788	0.021049	0.032945	-0.024555
	-0.014435	-0.096928	0.026913	0.035677	-0.026362	0.004734
	0.052768					
x164	0.012476	-0.018566	0.004716	-0.048618	0.006998	-0.029753
	-0.030264	0.030186	0.017731	0.012285	-0.031209	-0.000110
	0.029563	0.041784	-0.002763	0.007726	0.004660	0.018281
	-0.085422	0.008998	0.071744	0.014622	0.018307	-0.002722
	-0.012681	-0.043707	-0.005505	0.000542	0.053030	-0.003318
	0.033495					
y164	0.023290	0.001708	0.006876	-0.002095	-0.039516	0.033087
	0.034373	-0.024835	-0.010522	-0.001832	-0.022705	-0.031294
	0.009764	0.015918	-0.047245	-0.074466	-0.004104	-0.003563
	0.062609	0.023077	0.005478	0.000248	-0.024999	0.019157
	0.011088	-0.007418	0.013765	0.034554	-0.082781	0.026253
	-0.109363					
z164	-0.000197	0.045478	0.023946	0.037629	-0.024293	0.009866
	0.014710	-0.016367	-0.007390	0.030309	0.005126	-0.031348
	0.022880	0.006664	-0.063837	0.055629	0.003671	-0.020936
	0.009635	-0.018387	0.016798	0.054672	0.038823	0.012441
	-0.019764	-0.098814	0.006622	0.027707	-0.028524	0.040171
	0.070595					
x165	0.009964	-0.020657	0.002294	-0.052700	-0.003531	-0.027487
	-0.028028	0.036176	-0.002877	0.004123	-0.034311	-0.009493
	0.021176	0.043852	-0.017570	0.007375	-0.005487	0.021984
	-0.089309	-0.003178	0.090240	0.033290	0.006806	0.004554
	-0.019081	-0.038627	-0.003958	-0.037971	0.026770	0.018805
	0.031286					

y165	0.016758	0.001612	0.014097	-0.011495	-0.043708	0.026631
	0.040640	-0.023666	-0.020708	0.019933	-0.027543	-0.034972
	0.007120	0.029534	-0.072712	-0.059297	-0.008366	-0.002089
	0.063768	-0.003910	0.001668	-0.019295	-0.014499	-0.007021
	0.037135	-0.047006	0.004880	0.047868	-0.068207	0.034075
	-0.086455					
z165	0.009164	0.035602	0.015253	0.061891	-0.006785	0.022584
	0.016851	0.007986	0.000035	0.028193	0.003508	-0.012435
	0.022128	-0.006429	-0.070688	0.056164	0.001629	-0.015705
	0.011022	-0.011443	0.035781	0.088013	0.036684	0.049928
	-0.029937	-0.102445	-0.013319	0.012965	-0.023346	0.084326
	0.078952					
x166	0.060579	0.009167	0.036617	0.039836	-0.012609	-0.032999
	-0.022339	0.014210	-0.021705	0.052824	-0.049249	-0.026108
	0.016412	-0.038868	0.016000	0.000641	0.001151	-0.072200
	0.042489	-0.075528	-0.024875	0.029894	0.045021	-0.027362
	0.047623	0.081062	0.003168	-0.015241	0.068320	-0.011226
	-0.013634					
y166	-0.004727	-0.027620	0.020626	0.019897	-0.035373	0.045417
	-0.016133	0.033369	-0.029569	-0.065694	0.001302	-0.015645
	0.019509	0.026022	-0.014665	0.000140	-0.019061	0.055202
	0.016594	0.005656	-0.001894	-0.072894	-0.059288	-0.046993
	0.090319	-0.019619	0.029949	-0.006863	0.061311	0.073888
	-0.026654					
z166	0.005688	0.007902	0.005774	-0.004356	-0.048198	0.013796
	-0.046240	-0.034068	0.021896	0.027143	-0.024396	0.031342
	0.029518	-0.001853	0.001453	0.017526	0.024356	0.029044
	0.003269	0.032050	0.045134	-0.009986	-0.018684	0.001931
	-0.016110	0.003549	-0.034558	-0.061375	0.000509	0.049964
	0.021724					
x167	0.063615	0.006543	0.039382	0.040776	-0.016168	-0.033423
	-0.013177	0.017600	-0.013013	0.030348	-0.037432	-0.011379
	0.013729	-0.039687	0.017972	0.009090	0.003321	-0.061482
	0.047552	-0.061542	-0.020129	0.027026	0.050642	-0.039590
	0.045499	0.060392	-0.012549	-0.011004	0.093668	-0.019044
	0.000166					
y167	-0.010925	-0.030649	0.019470	0.013690	-0.034409	0.039510
	-0.017076	0.030348	-0.029584	-0.049360	0.008074	-0.026627
	0.017027	0.023039	-0.007829	-0.002098	-0.028421	0.058821
	0.015360	0.019826	-0.011824	-0.050868	-0.042487	-0.034829
	0.056803	-0.025156	0.020348	-0.004797	0.048495	0.055630
	-0.040008					

z167	0.003666	0.011190	0.011875	0.001865	-0.042778	0.025749
	-0.046063	-0.032026	0.013804	0.031048	-0.019894	0.022643
	0.022900	-0.006704	-0.004688	0.000505	0.024118	0.008931
	-0.001404	0.026012	0.031337	0.022926	-0.027081	0.011217
	-0.004422	0.005971	-0.032707	-0.019539	0.002463	0.033393
	0.027846					
x168	0.063381	0.002596	0.040348	0.042963	-0.022039	-0.031140
	-0.009739	0.016064	-0.009505	0.019315	-0.034455	0.002275
	0.011805	-0.039166	0.019991	-0.001780	-0.010555	-0.051472
	0.046756	-0.043540	-0.014334	0.025792	0.058087	-0.025339
	0.038465	0.043228	-0.018151	-0.017792	0.089112	-0.024229
	0.023340					
y168	-0.016034	-0.033219	0.019217	0.010929	-0.032294	0.031619
	-0.016194	0.028680	-0.030478	-0.034316	0.014445	-0.039461
	0.021135	0.018599	0.001231	0.001726	-0.031769	0.067559
	0.007594	0.023065	-0.022468	-0.036988	-0.027990	-0.013269
	0.038544	-0.024986	0.002228	0.011721	0.032488	0.042364
	-0.060063					
z168	0.002386	0.014157	0.017591	0.005983	-0.038543	0.034214
	-0.041315	-0.026699	0.011922	0.027542	-0.010961	0.017996
	0.017195	-0.011538	-0.009932	-0.004938	0.032236	-0.005824
	-0.000585	0.019796	0.020389	0.042608	-0.029041	0.003244
	-0.000139	0.011832	-0.029925	0.010726	0.016106	0.010769
	0.031155					
x169	0.062242	-0.001322	0.039901	0.040861	-0.028168	-0.030124
	-0.003677	0.012161	-0.005610	0.008079	-0.031409	0.009264
	0.018978	-0.049108	0.021214	-0.013040	-0.017741	-0.037008
	0.044914	-0.037095	0.004488	0.017945	0.051447	-0.000039
	0.046727	0.004692	-0.028634	-0.025174	0.075350	-0.020390
	0.026629					
y169	-0.020555	-0.034386	0.019151	0.007968	-0.028029	0.024795
	-0.015066	0.027446	-0.033806	-0.021486	0.022500	-0.050850
	0.022784	0.017159	0.006026	0.005214	-0.030413	0.071259
	0.001430	0.025363	-0.034658	-0.021771	-0.010660	-0.001939
	0.018999	-0.016080	-0.008106	0.028386	0.029284	0.029974
	-0.075798					
z169	0.001173	0.016308	0.022327	0.011484	-0.033846	0.040295
	-0.037253	-0.021151	0.009116	0.025042	-0.001917	0.014643
	0.011714	-0.010294	-0.013914	-0.007615	0.035345	-0.019282
	-0.001359	0.013962	0.009967	0.055571	-0.027118	-0.003500
	0.002161	0.018781	-0.028323	0.033748	0.028451	-0.014327
	0.036663					

x170	0.058039	-0.004145	0.037971	0.041478	-0.033164	-0.031102
	0.001014	0.011044	-0.007843	-0.001182	-0.025495	0.006820
	0.018844	-0.058048	0.024881	-0.019772	-0.020836	-0.020955
	0.033793	-0.033678	0.006183	0.011346	0.041334	0.007603
	0.043521	-0.014150	-0.027696	-0.007961	0.076582	-0.017837
	0.030983					
y170	-0.021950	-0.036458	0.020218	0.002335	-0.021501	0.021756
	-0.014672	0.025703	-0.033484	-0.009293	0.026208	-0.052793
	0.023329	0.019133	0.007159	0.006243	-0.030868	0.066476
	0.000795	0.026251	-0.033499	-0.006193	0.007014	0.015321
	0.004733	-0.006960	-0.016076	0.031897	0.020343	0.025532
	-0.084426					
z170	0.000893	0.016624	0.025082	0.014855	-0.029282	0.048170
	-0.035536	-0.013851	0.013737	0.028108	0.001624	0.013095
	0.009489	-0.008154	-0.015053	-0.011333	0.036714	-0.031127
	-0.006581	0.007551	0.011610	0.066732	-0.024066	0.004542
	0.012129	0.027062	-0.026363	0.046933	0.032971	-0.021100
	0.031965					
x171	0.054448	-0.007281	0.035136	0.037856	-0.035231	-0.026333
	0.003300	0.010142	-0.008956	-0.003548	-0.021116	0.006104
	0.013617	-0.058548	0.028626	-0.027534	-0.016953	-0.011282
	0.029318	-0.030454	0.002515	0.008893	0.042263	0.002327
	0.035243	-0.022163	-0.028885	0.015814	0.076993	-0.009674
	0.008001					
y171	-0.022810	-0.037973	0.022442	-0.003320	-0.014636	0.015963
	-0.011764	0.020608	-0.034662	-0.006129	0.029164	-0.050022
	0.026489	0.015790	0.003956	0.007191	-0.034808	0.060440
	0.002543	0.025615	-0.024405	-0.002012	0.014527	0.035866
	-0.007233	-0.008072	-0.021863	0.022254	0.011432	0.013722
	-0.066816					
z171	-0.000816	0.017739	0.025500	0.018310	-0.025734	0.051431
	-0.033266	-0.007944	0.017718	0.028555	0.006271	0.009265
	0.009584	-0.007895	-0.014615	-0.012782	0.036361	-0.038531
	-0.012936	0.002512	0.011023	0.065749	-0.023917	0.007960
	0.016845	0.031070	-0.024371	0.053527	0.035799	-0.032950
	0.029719					
x172	0.050478	-0.015366	0.032126	0.031592	-0.039514	-0.021736
	0.006091	0.006629	-0.009228	-0.007282	-0.014992	0.010431
	0.013051	-0.055991	0.031317	-0.034878	-0.018482	0.002531
	0.035992	-0.029719	0.003575	-0.000355	0.036917	-0.004980
	0.023714	-0.029876	-0.024549	0.028308	0.079840	-0.011974
	0.009272					

y172	-0.022733	-0.035676	0.024420	-0.009241	-0.004760	0.012375
	-0.010087	0.016746	-0.037927	-0.002219	0.030002	-0.048699
	0.025392	0.012068	-0.003290	0.007817	-0.032873	0.045751
	-0.003704	0.024057	-0.015048	0.001932	0.025521	0.047708
	-0.019762	-0.001115	-0.020698	0.014067	0.002627	0.008574
	-0.060747					
z172	-0.002264	0.017498	0.024592	0.020457	-0.023206	0.054430
	-0.030674	-0.003156	0.023111	0.029845	0.011397	0.007450
	0.011769	-0.006980	-0.010689	-0.012685	0.032803	-0.042309
	-0.014211	-0.000229	0.010821	0.057291	-0.022576	0.013522
	0.022241	0.033257	-0.023995	0.049838	0.041756	-0.037896
	0.030941					
x173	0.046384	-0.021879	0.029072	0.024658	-0.042263	-0.016681
	0.005697	0.002514	-0.009049	-0.008219	-0.012048	0.013844
	0.012179	-0.059650	0.025896	-0.043544	-0.021727	0.013058
	0.032762	-0.024653	0.009337	-0.007524	0.035627	-0.004832
	0.008026	-0.021394	-0.022336	0.018317	0.071121	-0.007073
	0.019262					
y173	-0.022110	-0.033261	0.026248	-0.016265	0.004204	0.009151
	-0.005806	0.012649	-0.041578	-0.003465	0.032287	-0.044266
	0.022318	0.014137	-0.007092	0.007571	-0.024274	0.026908
	-0.001476	0.009493	-0.009110	0.001095	0.032888	0.049383
	-0.032182	0.002444	-0.018613	0.024618	0.007364	0.010945
	-0.060420					
z173	-0.003270	0.017654	0.021423	0.024000	-0.020746	0.052835
	-0.029076	0.000817	0.032406	0.031645	0.018473	0.007065
	0.015991	-0.005085	-0.006349	-0.011010	0.028808	-0.041582
	-0.017263	-0.008955	0.013789	0.040641	-0.019697	0.017699
	0.025136	0.032934	-0.031361	0.044315	0.043051	-0.044145
	0.033979					
x174	0.040575	-0.029483	0.025585	0.014180	-0.044299	-0.011122
	0.006200	-0.000603	-0.010968	-0.010836	-0.008086	0.017446
	0.006044	-0.062742	0.023711	-0.051007	-0.018787	0.010806
	0.032741	-0.025055	0.004387	-0.018771	0.039759	-0.005540
	-0.006017	-0.020831	-0.019034	0.015662	0.056875	0.005600
	0.016336					
y174	-0.020275	-0.030117	0.029114	-0.023104	0.015115	0.008253
	-0.002358	0.007977	-0.044954	-0.004974	0.030527	-0.040528
	0.020535	0.016159	-0.015601	0.006330	-0.015312	0.011637
	-0.001253	-0.000064	0.008890	-0.002517	0.034440	0.049524
	-0.046577	0.012097	-0.002149	0.028705	0.014312	0.007234
	-0.054461					

z174	-0.004600	0.017120	0.017163	0.025958	-0.018804	0.049810
	-0.027990	0.004430	0.045617	0.033672	0.022767	0.006816
	0.021881	-0.003504	0.000194	-0.008572	0.023518	-0.037258
	-0.020118	-0.014900	0.022115	0.014231	-0.019529	0.023717
	0.026638	0.029472	-0.034862	0.029907	0.040203	-0.049139
	0.031148					
x175	0.034242	-0.037056	0.022316	0.000273	-0.046498	-0.006101
	0.008930	-0.000087	-0.016144	-0.017483	-0.008068	0.016646
	-0.006530	-0.059368	0.026052	-0.058330	-0.012903	-0.002962
	0.034724	-0.033711	0.009549	-0.031753	0.043799	-0.018721
	-0.023706	-0.026909	-0.001664	0.016758	0.051214	0.010619
	-0.000913					
y175	-0.017305	-0.026982	0.028704	-0.028069	0.028878	0.011412
	0.000381	-0.004209	-0.047690	-0.000180	0.035956	-0.031785
	0.021760	0.010610	-0.033843	0.005164	-0.009227	0.009606
	0.001767	-0.006918	0.019809	-0.007251	0.034097	0.052254
	-0.051981	0.035316	0.006097	0.032008	0.007510	0.010271
	-0.015655					
z175	-0.006908	0.016049	0.012647	0.026956	-0.018888	0.043641
	-0.027388	0.010637	0.061397	0.032189	0.021790	0.006046
	0.028905	0.001999	0.014212	-0.006008	0.019593	-0.035226
	-0.023498	-0.019466	0.033944	-0.021538	-0.020996	0.031647
	0.022752	0.016644	-0.036521	0.005063	0.040854	-0.052896
	0.007762					
x176	0.030902	-0.045063	0.019154	-0.004945	-0.042699	-0.005713
	0.001943	-0.004764	-0.012169	-0.019681	-0.004661	0.020427
	-0.011266	-0.051022	0.018373	-0.057775	-0.000034	-0.012701
	0.037987	-0.032766	0.012165	-0.042569	0.042335	-0.034346
	-0.032131	-0.021591	-0.023094	0.021542	0.045991	0.018082
	-0.011812					
y176	-0.015995	-0.024367	0.026396	-0.021942	0.036171	0.002711
	-0.004588	-0.017700	-0.050112	-0.005453	0.038631	-0.022172
	0.029650	0.006654	-0.041035	0.006582	0.007163	0.002609
	0.006618	0.007990	0.013524	-0.006473	0.032482	0.034070
	-0.041210	0.029459	-0.018243	0.026634	0.014683	0.005758
	-0.016357					
z176	-0.009598	0.014071	0.016209	0.023137	-0.016866	0.045239
	-0.023116	0.015983	0.059970	0.030262	0.016999	0.006722
	0.019221	0.007288	0.020627	-0.007641	0.021269	-0.031765
	-0.019849	-0.036859	0.036259	-0.036783	-0.018305	0.032999
	0.024940	0.010728	-0.025728	0.005064	0.028014	-0.041963
	0.001464					

x177	0.027363	-0.052044	0.016241	-0.008892	-0.040228	-0.006456
	-0.005440	-0.010726	-0.007037	-0.025045	0.001309	0.027607
	-0.012293	-0.044411	0.010855	-0.058411	0.009544	-0.019962
	0.033311	-0.021281	0.011133	-0.042182	0.042814	-0.045595
	-0.043976	-0.014504	-0.043196	0.017084	0.044810	0.020697
	-0.016360					
y177	-0.014353	-0.021354	0.025264	-0.016333	0.044076	-0.004546
	-0.006769	-0.028984	-0.052862	-0.008618	0.039608	-0.018388
	0.036812	0.003726	-0.046509	0.006770	0.026405	-0.003851
	0.018009	0.015056	0.011663	-0.011163	0.030800	0.021365
	-0.033109	0.025113	-0.030874	0.022197	0.018040	0.000418
	-0.013110					
z177	-0.012103	0.011215	0.019773	0.020178	-0.015645	0.045191
	-0.019253	0.019056	0.057994	0.027897	0.012244	0.006549
	0.010846	0.011356	0.026010	-0.008385	0.020596	-0.026749
	-0.014451	-0.051068	0.036483	-0.047475	-0.015575	0.032946
	0.025841	0.006864	-0.015594	0.002727	0.017608	-0.030648
	-0.007412					
x178	0.022978	-0.057666	0.012454	-0.011794	-0.037815	-0.009931
	-0.011072	-0.021994	-0.005549	-0.034534	0.009964	0.032706
	-0.010075	-0.040014	0.004873	-0.058855	0.021768	-0.027409
	0.030173	-0.003860	0.005427	-0.043126	0.041401	-0.061665
	-0.060697	-0.013147	-0.056832	0.005123	0.050173	0.012841
	-0.013653					
y178	-0.011265	-0.016950	0.025254	-0.011448	0.053025	-0.009583
	-0.006414	-0.032663	-0.054996	-0.008112	0.038409	-0.016223
	0.039982	0.002690	-0.053055	0.007723	0.038542	-0.010030
	0.026334	0.011871	0.012749	-0.011224	0.029298	0.019755
	-0.023034	0.023560	-0.041011	0.025821	0.012798	0.001104
	-0.009988					
z178	-0.014423	0.007956	0.022763	0.017846	-0.014502	0.043204
	-0.014804	0.020559	0.053374	0.025262	0.007961	0.006502
	0.003847	0.015619	0.030792	-0.008509	0.018829	-0.023454
	-0.006430	-0.063209	0.033083	-0.057092	-0.012957	0.029372
	0.025085	0.003192	-0.008632	0.000824	0.013173	-0.020568
	-0.013299					
x179	0.018527	-0.061280	0.007939	-0.015027	-0.033725	-0.013788
	-0.013649	-0.033702	-0.008263	-0.046212	0.021477	0.035004
	-0.006259	-0.033720	-0.000916	-0.059848	0.034564	-0.037773
	0.029206	0.011956	-0.003468	-0.042594	0.042410	-0.076926
	-0.074729	-0.015338	-0.070380	-0.008484	0.055474	0.003930
	-0.001601					

y179	-0.007457	-0.012143	0.025988	-0.005865	0.060567	-0.013798
	-0.006237	-0.034969	-0.053097	-0.005555	0.032383	-0.015022
	0.038944	-0.003554	-0.057878	0.010083	0.044587	-0.011697
	0.029835	0.007477	0.017256	-0.008170	0.018853	0.021099
	-0.019763	0.021204	-0.037361	0.033740	0.002215	0.000968
	-0.017893					
z179	-0.016937	0.004420	0.025280	0.016039	-0.013303	0.040958
	-0.011022	0.020278	0.048898	0.021432	0.005100	0.005005
	-0.001211	0.020350	0.035427	-0.008989	0.016141	-0.019653
	0.002162	-0.069956	0.028902	-0.070034	-0.012573	0.027297
	0.020995	0.000751	-0.007287	-0.002212	0.011553	-0.013517
	-0.011564					
x180	0.016098	-0.065294	0.003868	-0.020880	-0.029418	-0.011318
	-0.016342	-0.041384	-0.002123	-0.049276	0.025223	0.038593
	-0.005837	-0.034244	-0.002749	-0.061509	0.048187	-0.045755
	0.022104	0.022456	0.003133	-0.033529	0.037331	-0.077979
	-0.082645	-0.008612	-0.067680	-0.015810	0.047282	0.011881
	0.006780					
y180	-0.005081	-0.006898	0.026272	-0.000016	0.066792	-0.021008
	-0.003068	-0.040592	-0.058638	-0.009375	0.033403	-0.015493
	0.042247	-0.004948	-0.063387	0.013960	0.042953	-0.016522
	0.039724	0.009054	0.005079	-0.006073	0.011722	0.013235
	-0.018580	0.007975	-0.034665	0.036225	0.003640	-0.015006
	-0.024880					
z180	-0.019113	-0.000765	0.027258	0.014305	-0.012214	0.040028
	-0.008490	0.019543	0.047137	0.018830	0.001842	0.005338
	-0.005112	0.024798	0.039051	-0.009690	0.013615	-0.016974
	0.009415	-0.072712	0.026659	-0.082724	-0.012399	0.028759
	0.018210	0.002395	-0.005730	-0.004737	0.012255	-0.003945
	-0.006725					
x181	0.013370	-0.066833	-0.001295	-0.024043	-0.022247	-0.012254
	-0.015562	-0.053816	-0.005359	-0.058804	0.033543	0.037598
	-0.001530	-0.033528	-0.008708	-0.060653	0.057473	-0.056836
	0.019589	0.035093	-0.007522	-0.025603	0.034666	-0.086905
	-0.096827	-0.013525	-0.062585	-0.031276	0.039976	-0.002931
	0.015852					
y181	-0.002861	-0.002384	0.028144	0.003412	0.070656	-0.026046
	0.000654	-0.040163	-0.055846	-0.010640	0.029646	-0.015271
	0.038732	-0.009470	-0.059269	0.011531	0.045910	-0.014635
	0.041562	0.003415	0.014994	0.004077	-0.000949	0.017807
	-0.017892	0.003402	-0.026462	0.050874	0.001319	-0.008247
	-0.018039					

z181	-0.021180	-0.006826	0.029435	0.013930	-0.010494	0.037150
	-0.006525	0.016625	0.042743	0.013307	-0.001399	0.004381
	-0.006608	0.027998	0.041448	-0.009638	0.009774	-0.012270
	0.017801	-0.069278	0.018533	-0.090491	-0.009483	0.027219
	0.010914	0.005140	-0.010114	-0.014338	0.012360	-0.002828
	0.000165					
x182	0.009926	-0.066834	-0.007569	-0.026742	-0.013579	-0.016763
	-0.012653	-0.068071	-0.011276	-0.070969	0.044234	0.033511
	0.000758	-0.035183	-0.010993	-0.060135	0.066947	-0.066301
	0.018353	0.047571	-0.014292	-0.007113	0.024340	-0.094166
	-0.113611	-0.025876	-0.045582	-0.037624	0.045040	-0.024320
	0.038059					
y182	0.000816	0.001263	0.032194	0.004762	0.073945	-0.023427
	0.004316	-0.036711	-0.048264	-0.007860	0.021430	-0.013704
	0.039053	-0.011962	-0.062657	0.010148	0.042402	-0.014903
	0.036939	-0.001704	0.013990	-0.001889	-0.001656	0.029549
	-0.013274	0.008985	-0.020775	0.046529	-0.023057	0.006755
	-0.018566					
z182	-0.023357	-0.014478	0.031351	0.014139	-0.010003	0.031564
	-0.005677	0.011805	0.038646	0.006121	-0.004651	0.005346
	-0.008481	0.028844	0.042803	-0.008893	0.003257	-0.005741
	0.024544	-0.062019	0.007555	-0.091792	-0.005315	0.023115
	0.002942	0.008619	-0.010077	-0.021116	0.021390	-0.000194
	0.009267					
x183	0.007543	-0.066566	-0.013746	-0.030828	-0.004293	-0.017427
	-0.008664	-0.082004	-0.013819	-0.080009	0.051809	0.029670
	0.004389	-0.038905	-0.012781	-0.060815	0.074515	-0.077711
	0.013391	0.058428	-0.022177	0.011608	0.015506	-0.094343
	-0.126448	-0.037186	-0.016240	-0.043767	0.037010	-0.042020
	0.057682					
y183	0.004166	0.008192	0.036633	0.009093	0.074499	-0.025714
	0.010518	-0.029105	-0.045185	-0.006256	0.018558	-0.016687
	0.035507	-0.017816	-0.062479	0.010611	0.039005	-0.009574
	0.037336	-0.004313	0.024904	0.008184	-0.011179	0.035213
	-0.015864	0.009016	-0.024557	0.040154	-0.035617	0.015410
	-0.019069					
z183	-0.025367	-0.023257	0.032666	0.015921	-0.008810	0.027216
	-0.004103	0.006953	0.035860	0.000336	-0.006375	0.006542
	-0.010111	0.030783	0.042836	-0.008728	-0.000064	-0.001260
	0.033792	-0.049694	-0.003129	-0.098322	-0.003206	0.025170
	-0.006535	0.013395	-0.012909	-0.029021	0.029405	-0.000701
	0.024077					

x184	-0.000777	-0.066440	-0.029419	-0.011483	0.022043	-0.016272
	0.006398	-0.087048	-0.026171	-0.094089	0.061172	-0.000854
	0.029093	-0.041009	-0.020558	-0.065717	0.046377	-0.053340
	-0.089835	0.031137	-0.033211	0.070314	-0.006837	0.055216
	-0.060513	-0.006127	0.049325	0.045961	0.004963	0.040898
	0.000226					
y184	0.008246	0.013429	0.040581	0.016130	0.074442	-0.029066
	0.017131	-0.024411	-0.044844	-0.007824	0.018274	-0.019934
	0.035053	-0.019024	-0.060343	0.018882	0.029538	-0.001475
	0.030649	-0.015264	0.014364	0.006389	-0.013767	0.051839
	-0.000953	0.014013	-0.025354	0.035701	-0.036403	0.010894
	-0.019234					
z184	-0.029252	-0.033386	0.031540	0.022878	-0.004196	0.022362
	-0.000181	0.001414	0.030875	-0.008897	-0.006079	0.002380
	-0.004657	0.033055	0.040946	-0.009406	-0.011643	0.007875
	0.021834	-0.039483	-0.016685	-0.096110	-0.000129	0.054627
	-0.007137	0.025467	-0.012645	-0.017256	0.036536	0.012370
	0.026543					
x185	-0.003274	-0.061735	-0.038799	-0.009414	0.029833	-0.032953
	0.005411	-0.094005	-0.020630	-0.097250	0.065097	-0.005993
	0.037819	-0.022797	-0.009980	-0.042021	0.046201	-0.038627
	-0.090229	0.017280	-0.048525	0.084293	-0.011069	0.049969
	-0.053270	-0.024274	0.026839	0.038179	-0.008121	0.012615
	-0.015115					
y185	0.012479	0.016628	0.046393	0.011674	0.073192	-0.029039
	0.016399	-0.024092	-0.036064	-0.004943	0.012787	-0.012627
	0.024358	-0.014010	-0.059498	0.022635	0.023643	0.015222
	0.034567	-0.032919	0.032904	0.011268	-0.006022	0.033729
	0.015383	0.020530	-0.016929	0.033832	-0.044867	-0.003577
	-0.028437					
z185	-0.028562	-0.039902	0.026227	0.024482	0.008128	0.020639
	-0.002218	-0.009374	0.028134	-0.023579	-0.014661	0.007790
	-0.005601	0.034964	0.036857	-0.007935	-0.001190	0.007074
	0.004378	-0.036107	0.003020	-0.079747	0.004342	0.062142
	-0.012092	0.012306	0.008360	-0.016208	0.029804	0.006584
	0.028062					
x186	-0.005826	-0.056363	-0.047013	-0.008467	0.034876	-0.046535
	0.005153	-0.099899	-0.014855	-0.098408	0.069084	-0.010342
	0.044341	-0.006169	-0.002263	-0.021541	0.042702	-0.026272
	-0.089367	0.003594	-0.061313	0.092269	-0.011796	0.044304
	-0.045372	-0.037575	0.011256	0.030793	-0.017173	-0.014268
	-0.027218					

y186	0.017306	0.019308	0.052612	0.010586	0.072229	-0.028970
	0.016464	-0.021307	-0.032018	-0.008067	0.011478	-0.008304
	0.013422	-0.008699	-0.054587	0.026680	0.025508	0.026796
	0.044089	-0.040029	0.048733	0.011921	0.002922	0.012378
	0.018418	0.020050	-0.048640	0.015332	-0.048145	-0.010868
	-0.007544					
z186	-0.029017	-0.045649	0.020704	0.025742	0.018590	0.015285
	-0.001614	-0.019358	0.023484	-0.040842	-0.022627	0.010455
	-0.005486	0.035561	0.030962	-0.004817	0.006587	0.009763
	-0.011475	-0.032356	0.014711	-0.056502	0.011999	0.059741
	-0.011932	0.001367	0.028017	-0.018767	0.025968	0.001896
	0.025408					
x187	-0.009034	-0.050178	-0.054419	-0.006120	0.038127	-0.057794
	0.006893	-0.104844	-0.013040	-0.098595	0.072631	-0.016698
	0.046948	0.008587	0.000142	-0.007132	0.033349	-0.015567
	-0.089078	-0.010256	-0.072074	0.095833	-0.010463	0.040652
	-0.040600	-0.046921	-0.002614	0.021281	-0.021962	-0.031993
	-0.031990					
y187	0.020522	0.023847	0.059650	0.010071	0.071631	-0.032520
	0.020359	-0.021194	-0.035359	-0.019107	0.013306	-0.003834
	0.003327	-0.000577	-0.062441	0.026674	0.024774	0.036755
	0.048014	-0.046939	0.050196	-0.001813	0.005482	-0.000062
	0.023123	0.012838	-0.064818	0.000007	-0.049508	-0.018533
	0.011877					
z187	-0.030783	-0.050960	0.015355	0.028266	0.027726	0.006785
	-0.000035	-0.028903	0.014363	-0.058802	-0.028381	0.008227
	-0.005600	0.038216	0.020598	0.000937	0.007778	0.013181
	-0.018862	-0.028493	0.016898	-0.045237	0.019863	0.051189
	-0.018860	-0.008934	0.035746	-0.017778	0.027064	-0.007634
	0.028406					
x188	-0.011894	-0.043720	-0.060740	-0.006276	0.037801	-0.062891
	0.008422	-0.106956	-0.008479	-0.093712	0.073718	-0.021555
	0.046383	0.018686	0.000353	0.001271	0.021406	-0.009864
	-0.088686	-0.022613	-0.075624	0.096544	-0.008264	0.038289
	-0.032294	-0.045853	-0.010686	0.011120	-0.025193	-0.039284
	-0.035206					
y188	0.025412	0.026181	0.065041	0.002888	0.065448	-0.024097
	0.018630	-0.013139	-0.024879	-0.014071	0.011054	0.007839
	-0.000423	-0.003939	-0.062836	0.024439	0.031005	0.033522
	0.053809	-0.046000	0.062105	-0.002382	0.001131	-0.003109
	0.036291	0.022215	-0.060044	-0.005793	-0.051702	-0.012073
	-0.006961					

z188	-0.030789	-0.057405	0.009135	0.028017	0.031806	0.004026
	0.000295	-0.031723	0.016442	-0.061586	-0.039266	0.008051
	-0.004467	0.038316	0.012814	0.007576	0.005210	0.012550
	-0.025303	-0.022282	0.024938	-0.035504	0.020400	0.054351
	-0.020026	-0.004849	0.049298	-0.008362	0.024894	0.001460
	0.017611					
x189	-0.014146	-0.036360	-0.065678	-0.006712	0.034038	-0.064255
	0.011141	-0.106341	-0.004846	-0.085692	0.074776	-0.026291
	0.043796	0.027338	-0.002921	0.007002	0.006660	-0.006674
	-0.087273	-0.034850	-0.075900	0.091212	-0.005729	0.037917
	-0.023246	-0.037730	-0.015763	0.003195	-0.023353	-0.038982
	-0.035438					
y189	0.030393	0.029476	0.072416	0.000357	0.057607	-0.018639
	0.019262	-0.006301	-0.019732	-0.012392	0.008970	0.016763
	-0.005457	0.000797	-0.059069	0.031406	0.039041	0.029985
	0.061455	-0.042324	0.075568	-0.006144	-0.007615	-0.009631
	0.043664	0.028522	-0.065800	-0.007355	-0.043853	-0.021042
	-0.012189					
z189	-0.032033	-0.063122	0.002327	0.027906	0.034579	-0.000950
	0.004498	-0.032732	0.017129	-0.064099	-0.047372	0.003501
	-0.002584	0.038101	0.003864	0.016526	0.002328	0.010954
	-0.025403	-0.013390	0.025590	-0.029761	0.021320	0.053522
	-0.017766	-0.001454	0.052293	0.006822	0.024898	0.006993
	0.003751					
x190	-0.017673	-0.027187	-0.071522	-0.004039	0.028146	-0.066403
	0.016670	-0.104564	-0.007418	-0.081939	0.080758	-0.033099
	0.039319	0.034049	-0.009869	0.010880	-0.013802	-0.007956
	-0.084140	-0.046120	-0.080498	0.076136	0.000039	0.037199
	-0.016622	-0.022973	-0.018732	-0.008015	-0.010246	-0.044229
	-0.028441					
y190	0.032504	0.032794	0.076902	0.003153	0.053961	-0.022017
	0.021591	0.002248	-0.020016	-0.026123	0.021615	0.025779
	-0.005649	-0.000286	-0.045385	0.052549	0.041523	0.027550
	0.067613	-0.039738	0.065452	-0.012188	-0.000461	-0.034820
	0.031246	0.028763	-0.071278	-0.014192	-0.028988	-0.034924
	-0.010232					
z190	-0.034889	-0.066322	-0.005215	0.029892	0.037778	-0.012257
	0.011589	-0.034203	0.014067	-0.073058	-0.048158	-0.006506
	0.002605	0.044355	-0.006124	0.030987	-0.000969	0.012091
	-0.021469	-0.003633	0.006873	-0.033149	0.023780	0.039918
	-0.019506	-0.001654	0.042118	0.010907	0.035548	0.006305
	0.005862					

x191	-0.019355	-0.020870	-0.074457	-0.009251	0.018442	-0.055433
	0.018615	-0.099296	0.001445	-0.062503	0.073900	-0.033256
	0.028925	0.033669	-0.020213	0.001464	-0.037375	-0.012846
	-0.089537	-0.059008	-0.061564	0.067615	0.002626	0.048768
	-0.001487	0.003531	-0.004392	-0.015635	-0.012174	-0.014468
	-0.021741					
y191	0.036779	0.030131	0.084600	-0.005596	0.049631	-0.011194
	0.016079	0.009295	-0.007131	-0.024830	0.016688	0.042314
	-0.010168	-0.003272	-0.034383	0.053215	0.050032	0.018400
	0.058468	-0.038052	0.082791	-0.008131	-0.005659	-0.042581
	0.031356	0.030072	-0.057892	-0.020907	-0.044569	-0.024577
	-0.003267					
z191	-0.037260	-0.075116	-0.010399	0.023938	0.038224	-0.014738
	0.014054	-0.032398	0.023109	-0.068225	-0.061888	-0.014753
	0.005017	0.042140	-0.014903	0.038003	-0.008535	0.013481
	-0.026210	0.001031	0.007611	-0.029671	0.030526	0.026193
	-0.008132	0.020895	0.032983	0.022678	0.027440	0.035637
	-0.000972					
x192	-0.024102	-0.009589	-0.078324	-0.010305	0.009405	-0.051332
	0.026937	-0.098327	-0.006642	-0.054295	0.078282	-0.042839
	0.017458	0.038183	-0.039884	-0.012505	-0.064559	-0.019869
	-0.089954	-0.066204	-0.062079	0.048267	0.009661	0.047886
	0.003426	0.020716	0.002883	-0.027042	0.006510	-0.006082
	0.000241					
y192	0.034797	0.034019	0.088075	-0.008726	0.049684	-0.011660
	0.016514	0.008105	-0.013694	-0.036631	0.026220	0.042754
	-0.013195	0.000805	-0.029416	0.048581	0.059965	0.010852
	0.060518	-0.020797	0.070508	-0.002518	-0.011813	-0.073485
	0.012661	0.014622	-0.045831	-0.029144	-0.034692	-0.047838
	0.005075					
z192	-0.042691	-0.080078	-0.017801	0.024231	0.037923	-0.025702
	0.020333	-0.033582	0.015974	-0.074011	-0.066470	-0.032754
	0.008656	0.044438	-0.029711	0.048560	-0.022183	0.013013
	-0.019668	0.007606	-0.015125	-0.040809	0.038105	-0.003545
	-0.006922	0.031649	0.010040	0.025084	0.035149	0.041610
	0.009332					
x193	-0.026857	-0.001635	-0.080411	-0.015284	-0.004162	-0.036385
	0.030387	-0.089102	-0.002871	-0.031535	0.071388	-0.044146
	0.001462	0.031964	-0.058356	-0.028035	-0.092172	-0.028677
	-0.091791	-0.074737	-0.043942	0.030616	0.018523	0.061349
	0.022783	0.063435	0.020190	-0.029644	0.015462	0.033387
	0.004309					

y193	0.033352	0.033171	0.091797	-0.014748	0.045448	-0.002760
	0.007664	0.009930	-0.012358	-0.040392	0.021854	0.051782
	-0.018009	-0.012955	-0.023426	0.044702	0.065597	0.002156
	0.057646	0.007999	0.072517	0.006809	-0.028369	-0.085652
	-0.007247	0.016531	-0.019027	-0.028731	-0.036301	-0.052041
	-0.010980					
z193	-0.047289	-0.086221	-0.024617	0.018909	0.034600	-0.032416
	0.027523	-0.030443	0.021561	-0.069307	-0.075417	-0.050067
	0.012228	0.045880	-0.044594	0.053932	-0.037852	0.011516
	-0.018406	0.018966	-0.034605	-0.050566	0.032343	-0.024467
	0.001768	0.060833	-0.011807	0.031256	0.037999	0.063505
	0.016188					
x194	-0.024345	0.021932	-0.073193	-0.005384	-0.008183	-0.020872
	0.027223	-0.070672	-0.017118	-0.025312	0.076788	-0.025614
	-0.005996	0.024758	-0.060384	-0.024529	-0.095762	-0.027354
	-0.060421	-0.040393	-0.024616	0.024773	-0.006745	0.047601
	0.015980	0.059160	0.007005	-0.045667	0.016148	-0.002403
	0.003071					
y194	0.030337	0.037269	0.092600	-0.014315	0.036386	-0.000940
	0.001683	0.003842	-0.019367	-0.050951	0.030173	0.051631
	-0.017873	-0.009704	-0.017072	0.043822	0.056672	0.005146
	0.028819	0.020928	0.042504	-0.015744	-0.048053	-0.083073
	-0.020415	0.014723	0.030518	-0.039975	0.006470	-0.037482
	0.012375					
z194	-0.043267	-0.086020	-0.027219	0.014669	0.037794	-0.045068
	0.032695	-0.037368	0.012701	-0.056128	-0.081156	-0.031215
	-0.009385	0.053568	-0.061380	0.055867	-0.047354	-0.006913
	-0.006302	0.013899	-0.028051	-0.036592	0.032865	-0.069416
	-0.011244	0.061724	-0.013515	0.014397	0.026578	0.022735
	0.031089					
x195	-0.020210	0.039136	-0.065473	-0.000994	-0.012059	-0.006558
	0.023772	-0.054453	-0.020440	-0.013866	0.073003	-0.011632
	-0.016382	0.016420	-0.059250	-0.020627	-0.099239	-0.020679
	-0.047255	-0.021813	-0.002962	0.022295	-0.028364	0.037857
	0.007517	0.051676	0.001168	-0.060857	0.003593	-0.006584
	0.005147					
y195	0.034621	0.034571	0.091441	-0.016893	0.027613	-0.001386
	-0.004978	-0.001942	-0.015527	-0.060333	0.030794	0.050876
	-0.021303	-0.003857	-0.006711	0.047799	0.050957	0.006240
	-0.005226	0.018584	0.019557	-0.035440	-0.070943	-0.062039
	-0.021448	0.014616	0.060004	-0.053096	0.026739	-0.009706
	0.044386					

z195	-0.039812	-0.086250	-0.028012	0.010012	0.039507	-0.053130
	0.037950	-0.040486	0.006939	-0.043395	-0.085901	-0.013246
	-0.026125	0.055165	-0.071781	0.055713	-0.057553	-0.019493
	-0.000669	0.003564	-0.016604	-0.028135	0.029381	-0.099286
	-0.014769	0.063106	-0.020028	0.004440	0.011039	0.000878
	0.039392					
x196	-0.018899	0.051913	-0.058106	0.000169	-0.013917	0.004156
	0.021571	-0.035511	-0.024969	-0.008087	0.071639	-0.002506
	-0.024566	0.007071	-0.052290	-0.007051	-0.089055	-0.011623
	-0.026171	-0.013044	0.015946	0.022613	-0.040300	0.033611
	0.010688	0.060492	-0.015134	-0.055325	-0.007315	-0.016865
	-0.007652					
y196	0.035118	0.031139	0.088496	-0.022831	0.022412	0.001890
	-0.014680	-0.000056	-0.015627	-0.065883	0.030431	0.047566
	-0.019249	0.004501	0.004095	0.051339	0.064195	0.000711
	-0.017352	0.016091	0.009831	-0.042025	-0.077523	-0.030709
	-0.018374	0.029183	0.059538	-0.039786	0.038921	0.001257
	0.048231					
z196	-0.036775	-0.084601	-0.029208	0.005879	0.038308	-0.060479
	0.044239	-0.042115	0.000065	-0.030370	-0.088281	0.003034
	-0.037187	0.053744	-0.080790	0.049632	-0.065432	-0.027185
	-0.003288	-0.007209	-0.006841	-0.015898	0.017564	-0.115747
	-0.010831	0.064095	-0.028074	-0.001480	-0.005630	-0.022134
	0.036763					
x197	-0.017283	0.060525	-0.050665	-0.004059	-0.020347	0.006277
	0.022157	-0.018735	-0.027719	-0.007167	0.072057	0.009217
	-0.027539	-0.000235	-0.045240	0.006502	-0.061400	-0.000404
	-0.002022	0.011123	0.037254	0.030914	-0.036409	0.025573
	0.007506	0.073188	-0.029009	-0.044412	-0.004556	-0.019012
	-0.003534					
y197	0.035335	0.026624	0.085186	-0.029777	0.012920	0.001365
	-0.025064	0.005204	-0.010311	-0.070148	0.029205	0.047752
	-0.010764	0.007298	0.013865	0.042742	0.088615	-0.004567
	-0.023776	0.036365	0.008957	-0.027422	-0.059740	-0.003241
	-0.013852	0.041395	0.065549	-0.029716	0.051384	0.007127
	0.057144					
z197	-0.035085	-0.081193	-0.030940	0.000640	0.033237	-0.065409
	0.048105	-0.041871	-0.006762	-0.019612	-0.087425	0.020552
	-0.040637	0.047144	-0.086172	0.036154	-0.065462	-0.029914
	-0.007405	-0.004195	0.007210	-0.006283	0.007980	-0.117370
	-0.005177	0.066678	-0.038430	-0.000572	-0.018307	-0.043951
	0.030064					

x198	-0.018204	0.065298	-0.043274	-0.002886	-0.032910	0.011353
	0.025366	-0.001020	-0.036766	-0.008606	0.067657	0.011952
	-0.037659	-0.008593	-0.038272	0.016937	-0.038923	-0.002844
	0.021777	0.029813	0.038765	0.028238	-0.038401	0.014250
	0.006727	0.051776	-0.048618	-0.040683	0.009175	-0.008454
	0.009471					
y198	0.034438	0.022132	0.083488	-0.028756	0.002380	0.003159
	-0.036896	0.013494	-0.008819	-0.075069	0.021571	0.036933
	-0.014842	0.015919	0.022474	0.034093	0.099101	-0.018753
	-0.029263	0.039558	-0.009615	-0.021548	-0.058308	0.005703
	-0.005278	0.032543	0.054043	-0.027623	0.062170	0.022657
	0.050677					
z198	-0.034607	-0.074228	-0.032967	-0.001667	0.025840	-0.065532
	0.050790	-0.040124	-0.017274	-0.010560	-0.083932	0.034085
	-0.041500	0.035352	-0.088495	0.024787	-0.069809	-0.028299
	-0.012755	-0.005925	0.008692	-0.005475	-0.004955	-0.115739
	0.000733	0.060313	-0.054424	-0.002243	-0.028075	-0.035421
	0.030349					
x199	-0.023161	0.066352	-0.038820	-0.008460	-0.046108	0.008801
	0.032900	0.022265	-0.045813	-0.009969	0.062398	0.004312
	-0.053015	-0.024816	-0.028173	0.025598	-0.031648	-0.007667
	0.048067	0.035822	0.032091	0.015861	-0.048868	0.000084
	0.005898	0.033551	-0.056923	-0.043732	0.035120	-0.001237
	0.037805					
y199	0.032200	0.018000	0.079415	-0.029730	-0.002660	0.000338
	-0.044332	0.026941	-0.003384	-0.080925	0.008565	0.019335
	-0.026656	0.022935	0.030240	0.021678	0.092749	-0.028791
	-0.029764	0.030568	-0.034927	-0.024262	-0.066590	0.013139
	0.000562	0.029120	0.041203	-0.029370	0.055431	0.034657
	0.051515					
z199	-0.036007	-0.066073	-0.034574	-0.004299	0.016449	-0.063404
	0.053935	-0.033552	-0.029437	-0.002391	-0.079264	0.045878
	-0.042556	0.016484	-0.085305	0.011604	-0.087475	-0.018065
	-0.016023	-0.011936	0.002559	-0.016714	-0.028488	-0.105402
	0.008527	0.040614	-0.065744	-0.006289	-0.033578	-0.005409
	0.036109					
x200	-0.030770	0.065035	-0.031114	-0.008332	-0.055725	0.000131
	0.045073	0.037564	-0.042120	-0.018032	0.066261	-0.007240
	-0.068140	-0.025369	-0.027535	0.037728	-0.011709	-0.000190
	0.059989	0.030181	0.033725	0.024003	-0.064713	-0.020584
	0.010601	0.023723	-0.073525	-0.036817	0.047212	0.011035
	0.011675					

y200	0.026896	0.015771	0.076715	-0.025705	-0.000726	-0.001861
	-0.048781	0.035707	0.011446	-0.091260	0.001836	0.000073
	-0.041615	0.037006	0.025759	0.002393	0.087731	-0.038337
	-0.025423	0.026617	-0.049317	-0.009437	-0.074978	0.020974
	0.006238	0.023457	0.016849	-0.029171	0.032594	0.043032
	0.014767					
z200	-0.042007	-0.056131	-0.033475	-0.006833	0.006765	-0.056446
	0.059307	-0.028920	-0.040730	0.001102	-0.066243	0.058278
	-0.043357	-0.003864	-0.088894	-0.012537	-0.112125	0.000431
	-0.019844	-0.014594	-0.001036	-0.014910	-0.065873	-0.080190
	0.030095	0.008095	-0.072693	-0.009951	-0.032164	0.044737
	0.010351					
x201	-0.033866	0.068976	-0.026392	-0.004197	-0.057317	-0.022545
	0.064690	0.057963	-0.036313	-0.030672	0.068433	-0.024615
	-0.064492	-0.021356	-0.006412	0.064676	0.020922	0.028616
	0.056346	-0.002063	0.014643	0.027280	-0.050459	-0.022905
	-0.005806	0.043383	-0.076331	0.024709	0.025231	0.020251
	-0.018488					
y201	0.024712	0.015107	0.072686	-0.019666	0.009405	-0.011563
	-0.051335	0.050069	0.028857	-0.107660	-0.009346	-0.021925
	-0.046024	0.051217	0.037344	-0.004776	0.091355	-0.039689
	-0.012560	0.011456	-0.073787	-0.003822	-0.057665	0.033459
	0.005756	0.021275	-0.024578	-0.003901	-0.008954	0.024245
	0.001774					
z201	-0.044440	-0.041936	-0.032818	-0.004711	0.002322	-0.058795
	0.073261	-0.015235	-0.046580	-0.007918	-0.047740	0.074125
	-0.019848	-0.018482	-0.063276	-0.012329	-0.123130	0.049510
	-0.029863	-0.035950	-0.021110	-0.023062	-0.083208	-0.027397
	0.056200	-0.021493	-0.098666	0.033430	-0.046930	0.094552
	-0.028192					
x202	-0.037363	0.070920	-0.018526	-0.001040	-0.055646	-0.043323
	0.066542	0.066376	-0.033385	-0.043614	0.068351	-0.043061
	-0.057527	-0.035785	0.010520	0.088750	0.051997	0.038955
	0.055650	-0.008124	0.000904	0.021184	-0.026854	-0.036567
	-0.029989	0.074915	-0.044738	0.062503	0.023890	-0.000487
	-0.021202					
y202	0.020371	0.013324	0.068663	-0.013370	0.020992	-0.018437
	-0.061292	0.062078	0.047812	-0.119281	-0.021792	-0.046600
	-0.056148	0.062186	0.037410	-0.024754	0.081144	-0.053988
	0.001891	0.005625	-0.089042	0.007113	-0.053375	0.054603
	0.005652	0.002753	-0.062598	0.004949	-0.058333	-0.001415
	-0.007649					

z202	-0.047989	-0.021452	-0.032128	-0.004426	0.002629	-0.054263
	0.069249	-0.014522	-0.059757	-0.012650	-0.036726	0.093526
	0.010856	-0.054904	-0.042114	-0.037963	-0.154205	0.075594
	-0.047210	-0.033210	-0.021751	-0.036192	-0.111376	0.042516
	0.073848	-0.064464	-0.080609	0.041872	-0.070319	0.123592
	-0.051827					
x203	-0.028956	0.077142	0.006299	-0.000082	-0.052203	-0.064627
	0.052864	0.072332	-0.030718	-0.034401	0.080018	-0.047045
	-0.039052	-0.054246	0.002983	0.110818	0.063628	0.045062
	0.040218	0.011887	-0.011168	-0.048332	0.005445	-0.003878
	-0.056336	0.050767	-0.020109	0.020200	-0.025064	-0.013399
	0.012470					
y203	0.030556	0.004572	0.051918	-0.013389	0.025403	-0.004973
	-0.090104	0.041683	0.042273	-0.100275	-0.040620	-0.041749
	-0.043811	0.084745	0.018592	-0.031744	0.063397	-0.032532
	0.019171	0.007969	-0.081556	-0.006571	-0.048836	-0.006151
	-0.007132	-0.046090	-0.061875	-0.030332	-0.028592	-0.025436
	-0.003293					
z203	-0.048574	-0.011365	-0.032718	-0.012984	-0.000410	-0.064884
	0.063961	-0.002821	-0.046598	-0.012531	-0.027050	0.072481
	0.036099	-0.095692	-0.007838	-0.030433	-0.093439	0.084802
	0.002444	-0.014582	0.006144	-0.023698	-0.081616	0.042782
	0.071724	-0.051314	-0.013549	-0.016886	-0.050589	0.071028
	0.005063					
x204	-0.016969	0.078624	0.019646	0.008099	-0.046828	-0.077314
	0.038574	0.065759	-0.033016	-0.021016	0.089598	-0.046321
	-0.041401	-0.041458	-0.018728	0.084233	0.056415	0.027452
	0.034564	0.022903	-0.045755	-0.075418	0.031869	0.002682
	-0.081384	0.033136	-0.004329	-0.001290	-0.045056	0.017294
	0.030144					
y204	0.038543	-0.005344	0.031383	-0.011274	0.025452	0.008317
	-0.114703	0.021794	0.033682	-0.081876	-0.050969	-0.034972
	-0.038763	0.110953	-0.005262	-0.036809	0.045279	-0.018374
	0.033973	0.003935	-0.077326	-0.003244	-0.030487	-0.050472
	-0.009312	-0.063667	-0.081187	-0.065763	-0.011233	-0.029649
	-0.004904					
z204	-0.042529	-0.003974	-0.037340	-0.010834	-0.010052	-0.080148
	0.058718	0.002834	-0.028590	-0.004399	-0.011058	0.051222
	0.053533	-0.111889	0.019639	-0.013617	-0.020738	0.103343
	0.039971	-0.011719	-0.002279	-0.017604	-0.032021	0.015261
	0.064600	-0.015656	0.037231	-0.025501	-0.029551	0.032439
	0.025864					

x205	-0.005087	0.075558	0.031170	0.015714	-0.039905	-0.087504
	0.027276	0.071256	-0.031503	-0.014270	0.095318	-0.044627
	-0.041095	-0.020547	-0.037016	0.064578	0.048359	0.004836
	0.025428	0.033941	-0.077141	-0.087586	0.056192	0.009083
	-0.105034	0.026863	-0.017813	-0.015415	-0.046234	0.056342
	0.038176					
y205	0.043724	-0.013576	0.016052	-0.011534	0.022532	0.019083
	-0.132654	0.001580	0.023661	-0.070807	-0.064350	-0.028657
	-0.032089	0.116234	-0.021869	-0.031830	0.024141	-0.000379
	0.044468	0.010859	-0.062835	-0.011087	-0.026482	-0.080697
	-0.012684	-0.081646	-0.077945	-0.091539	-0.005820	-0.034536
	-0.000864					
z205	-0.035218	-0.001431	-0.040658	-0.005654	-0.018822	-0.099644
	0.060562	0.016269	-0.016743	-0.012130	0.006731	0.038918
	0.061054	-0.113136	0.024196	-0.025998	0.013490	0.098615
	0.078462	-0.004377	-0.018029	0.010984	-0.008912	0.014646
	0.051849	-0.003780	0.024977	-0.041150	0.000139	0.036677
	0.041781					
x206	0.007538	0.069920	0.039586	0.022073	-0.034474	-0.094366
	0.014923	0.076540	-0.026731	-0.006311	0.091976	-0.041074
	-0.030129	-0.006195	-0.043790	0.068142	0.047268	-0.005037
	0.009898	0.038398	-0.089273	-0.108927	0.076598	0.011517
	-0.111838	0.015977	-0.029084	-0.020182	-0.047265	0.072309
	0.036072					
y206	0.046234	-0.020185	0.005019	-0.013760	0.016251	0.027761
	-0.144875	-0.013963	0.016596	-0.064011	-0.071862	-0.023404
	-0.025858	0.108977	-0.028678	-0.018959	0.008845	0.015946
	0.044403	0.015906	-0.045390	-0.026847	-0.031269	-0.097993
	-0.017993	-0.088844	-0.062645	-0.092075	-0.006268	-0.043832
	-0.000223					
z206	-0.032705	0.001474	-0.045339	-0.010321	-0.024834	-0.094647
	0.054999	0.027299	-0.012154	-0.018187	0.009952	0.035506
	0.057583	-0.098970	0.017347	-0.054413	0.013433	0.074417
	0.105518	0.028675	-0.023293	0.026893	0.000090	0.013365
	0.037178	0.000375	0.037157	-0.059572	0.051046	0.065818
	0.062384					
x207	0.020364	0.061814	0.042705	0.026827	-0.032832	-0.098870
	0.000699	0.075033	-0.022284	0.005038	0.081803	-0.037730
	-0.018404	-0.008127	-0.047155	0.076233	0.041415	-0.007745
	-0.007253	0.037770	-0.089815	-0.118392	0.085770	0.013634
	-0.108253	0.004594	-0.022346	-0.024019	-0.049065	0.079925
	0.029253					

y207	0.046685	-0.026279	-0.004265	-0.015437	0.004273	0.036902
	-0.151361	-0.027704	0.009444	-0.061049	-0.071658	-0.016844
	-0.022328	0.099989	-0.028107	-0.009371	-0.003338	0.024720
	0.042142	0.015430	-0.029879	-0.039670	-0.031100	-0.099567
	-0.016940	-0.086266	-0.056274	-0.079522	-0.009686	-0.038782
	0.001741					
z207	-0.027873	0.008369	-0.046987	-0.016932	-0.025005	-0.092518
	0.042895	0.040175	-0.009570	-0.031405	0.017542	0.025204
	0.057968	-0.078952	0.007427	-0.056393	0.023948	0.037457
	0.117293	0.053168	-0.020395	0.017265	0.006924	0.018261
	0.017996	0.008295	0.063686	-0.072785	0.058862	0.051822
	0.069340					
x208	0.033328	0.049376	0.040530	0.030896	-0.034768	-0.101164
	-0.015820	0.067522	-0.019286	0.020230	0.063048	-0.029707
	-0.006113	-0.017766	-0.047030	0.084921	0.025865	-0.001966
	-0.027912	0.038541	-0.084217	-0.111620	0.085892	0.007460
	-0.091384	-0.008856	-0.016676	-0.018272	-0.043913	0.076908
	0.018978					
y208	0.045830	-0.032776	-0.011975	-0.016908	-0.012473	0.044427
	-0.155061	-0.042692	-0.000298	-0.059944	-0.063654	-0.006455
	-0.022386	0.086126	-0.022219	-0.000716	-0.016836	0.030614
	0.040609	0.012778	-0.011600	-0.036957	-0.026862	-0.082681
	-0.012622	-0.068282	-0.050444	-0.055227	-0.021336	-0.034977
	0.010065					
z208	-0.022291	0.014358	-0.050786	-0.022718	-0.024544	-0.085668
	0.029558	0.052431	-0.000757	-0.038963	0.027109	0.013167
	0.058715	-0.061734	-0.004311	-0.039106	0.036660	0.007263
	0.108104	0.066455	-0.014673	-0.005201	0.009616	0.023397
	0.005397	0.012954	0.090880	-0.090780	0.056311	0.039931
	0.052818					
x209	0.046591	0.033985	0.031506	0.031357	-0.034877	-0.098878
	-0.035675	0.060131	-0.015751	0.028834	0.042766	-0.019414
	0.007951	-0.026704	-0.049998	0.087274	0.000107	0.000525
	-0.054320	0.036499	-0.072886	-0.111554	0.064696	0.011817
	-0.070977	-0.021976	-0.012970	-0.000470	-0.030818	0.086218
	0.009761					
y209	0.043450	-0.038649	-0.020046	-0.018751	-0.034472	0.048432
	-0.154754	-0.059143	-0.014544	-0.062275	-0.049471	0.004580
	-0.027838	0.057542	-0.014990	0.012040	-0.035724	0.033428
	0.033792	0.003966	0.003166	-0.018377	-0.017557	-0.040237
	-0.001615	-0.029590	-0.042757	-0.028725	-0.045166	-0.003630
	0.016929					

z209	-0.016217	0.012396	-0.053483	-0.020499	-0.032892	-0.082423
	0.014572	0.055229	0.005718	-0.030489	0.024873	0.017509
	0.062413	-0.047697	-0.006350	-0.005051	0.034167	0.011624
	0.077824	0.090560	-0.007694	-0.000319	0.020374	-0.008003
	0.016087	-0.006866	0.101338	-0.098572	0.044071	-0.024615
	0.008219					
x210	0.059774	0.017185	0.017275	0.030444	-0.030549	-0.080519
	-0.054622	0.055412	-0.004475	0.040916	0.011787	-0.012403
	0.020939	-0.031210	-0.048655	0.095580	-0.025565	0.000980
	-0.078782	0.029373	-0.040054	-0.102092	0.035282	0.015946
	-0.046288	-0.027150	0.000208	0.009784	-0.003260	0.092354
	-0.008060					
y210	0.038650	-0.042652	-0.025943	-0.020369	-0.055621	0.057142
	-0.150250	-0.072694	-0.027406	-0.062105	-0.032016	0.012991
	-0.036727	0.021058	-0.002908	0.034402	-0.051659	0.033411
	0.021806	-0.003952	0.015396	0.004372	-0.006292	0.006682
	0.012624	0.023128	-0.018951	0.001056	-0.070669	0.041221
	0.023151					
z210	-0.006704	0.004585	-0.054464	-0.021352	-0.049112	-0.097117
	-0.005456	0.048481	0.002369	-0.030005	0.027486	0.034212
	0.067730	-0.041672	-0.018102	0.029044	0.005400	0.011603
	0.026615	0.119467	-0.007986	-0.003434	0.020370	-0.013336
	0.039406	-0.036474	0.091528	-0.080556	0.009027	-0.075351
	-0.023384					
x211	0.069104	0.006395	0.003255	0.040749	-0.021972	-0.067187
	-0.063304	0.051214	-0.007667	0.044569	-0.024328	-0.009884
	0.036076	-0.027832	-0.037221	0.118492	-0.038473	-0.006131
	-0.098638	0.019756	-0.006591	-0.092818	0.010243	-0.021424
	-0.025051	-0.057507	0.025849	-0.003203	0.017281	0.032715
	-0.061044					
y211	0.029208	-0.042806	-0.026572	-0.018071	-0.074905	0.061777
	-0.137525	-0.082979	-0.044090	-0.067341	-0.003096	0.019851
	-0.045486	-0.018736	0.019404	0.065958	-0.061340	0.027980
	0.011505	-0.013889	0.022914	0.016754	0.006025	0.050751
	0.019500	0.070786	0.027013	0.030227	-0.103255	0.065213
	0.025496					
z211	0.004938	-0.009850	-0.061124	-0.031271	-0.066702	-0.099316
	-0.034129	0.036187	0.007604	-0.024919	0.022323	0.053159
	0.068267	-0.033804	-0.039728	0.062204	-0.043741	0.010877
	-0.036470	0.147391	-0.004388	-0.008252	0.007951	0.012866
	0.064588	-0.046424	0.072676	-0.033264	-0.006490	-0.081855
	-0.036974					

x212	0.069706	0.012011	0.006848	0.054007	-0.016690	-0.068787
	-0.062695	0.039902	-0.005003	0.036260	-0.053865	-0.018091
	0.040925	-0.027733	-0.034929	0.099175	-0.018447	-0.007801
	-0.086240	0.011773	0.006082	-0.078116	0.002542	-0.010849
	-0.014893	-0.030382	0.017092	0.011125	-0.012943	0.034872
	-0.046330					
y212	0.021834	-0.043594	-0.023328	-0.006547	-0.078368	0.069945
	-0.129715	-0.078075	-0.063886	-0.075053	-0.003965	0.021419
	-0.036741	-0.033957	0.042082	0.072346	-0.073417	0.017640
	0.017193	-0.038904	0.023513	0.003896	0.022574	0.053297
	0.018574	0.041622	0.033717	0.033902	-0.082133	0.042998
	0.013776					
z212	0.008806	-0.008320	-0.050038	-0.022586	-0.061404	-0.087531
	-0.042227	0.017011	0.022178	-0.030269	0.024257	0.058065
	0.068358	-0.024854	-0.031106	0.071877	-0.035501	0.011155
	-0.039312	0.132598	0.001295	-0.002685	0.025796	0.013473
	0.066578	-0.054630	0.050306	-0.022724	-0.016720	-0.085287
	-0.014159					
x213	0.068618	0.016934	0.008249	0.063306	-0.009031	-0.073767
	-0.060040	0.034761	-0.006453	0.028575	-0.074323	-0.026737
	0.046747	-0.028168	-0.034112	0.075342	-0.002149	-0.013385
	-0.079535	0.000124	0.015518	-0.064136	-0.016438	0.005945
	-0.007037	-0.012601	0.018230	0.018775	-0.039690	0.031117
	-0.028728					
y213	0.014327	-0.044073	-0.020827	0.003391	-0.078264	0.072120
	-0.119827	-0.068710	-0.080033	-0.081823	-0.002584	0.021414
	-0.027637	-0.041782	0.057190	0.077303	-0.083895	0.010430
	0.019807	-0.061904	0.021159	-0.012521	0.026984	0.056815
	0.015801	0.016258	0.042362	0.037006	-0.063747	0.013840
	0.013134					
z213	0.012948	-0.008263	-0.038226	-0.013405	-0.059317	-0.071755
	-0.050714	-0.001832	0.033668	-0.032625	0.023736	0.061900
	0.065908	-0.018625	-0.021363	0.082579	-0.027568	0.015898
	-0.033877	0.118682	0.008165	-0.002100	0.050030	0.006073
	0.067967	-0.053595	0.027585	-0.011460	-0.020089	-0.075770
	-0.006802					
x214	0.066877	0.020552	0.009051	0.068840	-0.003131	-0.079067
	-0.057490	0.033471	-0.008370	0.026805	-0.087454	-0.033486
	0.051772	-0.027751	-0.032337	0.056035	0.011976	-0.021397
	-0.072496	-0.014686	0.020607	-0.050531	-0.028197	0.020897
	0.001990	0.004403	0.025450	0.025715	-0.061001	0.029069
	-0.014028					

y214	0.006956	-0.043335	-0.019008	0.012174	-0.075980	0.068019
	-0.107556	-0.057358	-0.094595	-0.087754	0.002136	0.018872
	-0.018157	-0.042622	0.064890	0.080464	-0.088966	0.005556
	0.023616	-0.077615	0.011469	-0.028542	0.025475	0.054037
	0.012648	-0.007872	0.052002	0.034975	-0.045618	-0.011454
	0.016529					
z214	0.017226	-0.009408	-0.026174	-0.005286	-0.057907	-0.052400
	-0.057005	-0.019042	0.043980	-0.031982	0.018810	0.064213
	0.059985	-0.016265	-0.010283	0.086076	-0.023205	0.021744
	-0.029140	0.105417	0.017252	-0.001719	0.065855	-0.001916
	0.066157	-0.045171	0.006174	-0.005303	-0.019583	-0.062603
	-0.001744					
x215	0.065736	0.022149	0.012291	0.070265	-0.000970	-0.079812
	-0.054466	0.031428	-0.007921	0.028184	-0.090736	-0.036170
	0.052131	-0.026369	-0.030878	0.041853	0.021087	-0.029519
	-0.054555	-0.019568	0.024739	-0.042404	-0.027614	0.017749
	0.009065	0.024571	0.029307	0.027928	-0.067564	0.033125
	0.008004					
y215	0.001330	-0.041842	-0.015256	0.018469	-0.073213	0.064638
	-0.095336	-0.044959	-0.100981	-0.090057	0.008028	0.016097
	-0.010257	-0.040359	0.065508	0.078408	-0.089607	0.003463
	0.028760	-0.078711	0.007398	-0.043206	0.022981	0.042382
	0.014173	-0.023934	0.057894	0.029655	-0.026800	-0.017961
	0.020311					
z215	0.019783	-0.008861	-0.017404	0.000853	-0.055490	-0.035956
	-0.061211	-0.032170	0.048905	-0.029955	0.008222	0.063075
	0.055039	-0.015450	0.000985	0.084376	-0.017386	0.025170
	-0.030653	0.085531	0.022114	0.004005	0.069051	-0.000966
	0.058810	-0.043044	-0.013146	-0.005676	-0.021590	-0.056646
	-0.003013					
x216	0.064512	0.022019	0.016856	0.071152	0.001247	-0.072895
	-0.050486	0.028865	-0.006765	0.029749	-0.085931	-0.038903
	0.051317	-0.027762	-0.024531	0.032265	0.025719	-0.031849
	-0.039372	-0.033084	0.020695	-0.033039	-0.024301	0.017712
	0.021299	0.044903	0.026380	0.034488	-0.063892	0.032095
	0.004299					
y216	-0.001557	-0.041633	-0.008862	0.018353	-0.069561	0.071548
	-0.085855	-0.027219	-0.088792	-0.080636	0.006905	0.015575
	-0.002666	-0.041829	0.064052	0.066590	-0.086423	0.008107
	0.025628	-0.077044	0.020147	-0.046036	0.011597	0.040372
	0.033466	-0.024637	0.067182	0.034462	-0.019442	0.002024
	-0.003406					

z216	0.020832	-0.006352	-0.011343	0.007789	-0.055137	-0.029328
	-0.062269	-0.043608	0.041352	-0.028627	-0.001501	0.057888
	0.047471	-0.007837	0.005608	0.080820	-0.016369	0.023411
	-0.028821	0.072813	0.020297	0.000318	0.066781	-0.010035
	0.031137	-0.046365	-0.031166	-0.022334	-0.016271	-0.051283
	0.026068					
x217	0.062147	0.020049	0.021543	0.069676	0.002650	-0.062357
	-0.048054	0.024182	-0.012366	0.034566	-0.078295	-0.043128
	0.047140	-0.028723	-0.025999	0.015512	0.018692	-0.045246
	-0.017923	-0.048204	0.003049	-0.017980	-0.010936	0.017083
	0.032042	0.060740	0.021995	0.018798	-0.033109	0.026114
	0.001515					
y217	-0.004903	-0.038525	-0.003465	0.023269	-0.061707	0.068134
	-0.071820	-0.012661	-0.086687	-0.082750	0.014026	0.005372
	0.005531	-0.030301	0.051069	0.054658	-0.080009	0.013014
	0.027951	-0.067885	0.008826	-0.052042	0.005392	0.023303
	0.044594	-0.033400	0.051768	0.022750	0.010681	0.004660
	-0.008023					
z217	0.021517	-0.003498	-0.006039	0.006906	-0.055434	-0.018932
	-0.060927	-0.047066	0.044134	-0.019099	-0.013182	0.058097
	0.042097	-0.004058	0.016726	0.078554	-0.002795	0.028480
	-0.029519	0.064655	0.039640	0.003118	0.052434	-0.011958
	0.015745	-0.041861	-0.041349	-0.019819	-0.025010	-0.023857
	0.037267					
x218	0.064453	0.012792	0.029693	0.064099	-0.001046	-0.053994
	-0.038689	0.027767	-0.004952	0.042303	-0.062528	-0.040658
	0.047228	-0.022601	-0.006539	0.032720	0.031354	-0.044967
	0.002457	-0.073928	-0.014789	-0.010305	0.019905	0.003799
	0.060924	0.097070	-0.001052	0.042986	-0.004275	0.027609
	-0.026019					
y218	-0.005941	-0.036385	0.003128	0.020047	-0.055103	0.070238
	-0.058518	0.002784	-0.070247	-0.069353	0.008538	0.000248
	0.007103	-0.020913	0.032947	0.026721	-0.073705	0.018888
	0.023944	-0.049702	0.019518	-0.050876	-0.014959	0.011275
	0.062086	-0.033887	0.056863	0.016019	0.021520	0.037497
	-0.016617					
z218	0.016684	0.003525	-0.004437	0.005438	-0.052078	-0.006698
	-0.061137	-0.053826	0.030393	-0.009705	-0.023591	0.051403
	0.033205	-0.005592	0.009702	0.048827	-0.004534	0.019919
	-0.021844	0.062137	0.050689	0.009759	0.023363	-0.009167
	-0.011675	-0.053365	-0.037649	-0.048474	-0.018996	-0.009764
	0.059451					

x219	0.062325	0.010061	0.033624	0.053047	-0.005199	-0.043712
	-0.030692	0.017222	-0.016385	0.047836	-0.052921	-0.037552
	0.032025	-0.028292	0.006601	0.013048	0.016815	-0.064193
	0.026530	-0.080238	-0.025453	0.011426	0.032524	-0.012215
	0.060453	0.091384	0.004921	0.013367	0.030081	0.008289
	-0.023635					
y219	-0.006059	-0.031992	0.010858	0.020758	-0.045409	0.057318
	-0.036782	0.015316	-0.055469	-0.069928	0.008178	-0.008257
	0.011562	0.001922	0.011716	0.013979	-0.049967	0.033408
	0.023353	-0.024700	0.006435	-0.059759	-0.033096	-0.019128
	0.071179	-0.037716	0.041758	0.003153	0.043464	0.044457
	-0.012470					
z219	0.013030	0.006142	0.000658	0.001769	-0.049774	0.005658
	-0.056303	-0.043842	0.029395	0.008993	-0.026844	0.044382
	0.032401	-0.002231	0.005356	0.038396	0.010800	0.025682
	-0.012524	0.044627	0.052547	0.002717	0.004796	-0.002326
	-0.013015	-0.026338	-0.042288	-0.042305	-0.010762	0.022805
	0.045522					
x220	0.062955	0.022383	0.049808	0.074273	-0.012337	-0.076707
	0.011420	-0.045837	-0.029721	0.028574	-0.045638	-0.011384
	0.012432	0.014018	0.032798	-0.039518	0.034711	0.000219
	0.022963	-0.040384	-0.019968	0.063742	0.020726	-0.013953
	0.001257	0.021788	-0.005654	-0.070939	0.027825	0.030943
	-0.076407					
y220	-0.009110	-0.029521	-0.005681	0.028121	-0.011837	0.096336
	0.021628	0.107556	0.042845	0.022812	0.052260	-0.013987
	-0.006613	-0.004913	-0.097141	0.013317	-0.033159	0.046623
	-0.065132	0.054755	-0.111774	0.115485	0.005754	-0.097597
	0.067527	-0.022926	-0.038807	-0.037209	0.020991	0.056335
	0.010918					
z220	0.020490	0.038043	0.028320	-0.048940	-0.038317	-0.003731
	-0.061216	-0.090109	-0.007700	0.090236	-0.000225	0.030475
	0.012682	-0.021691	-0.024629	-0.010963	-0.042430	0.063924
	0.001323	0.073088	0.017014	0.031534	-0.087300	-0.035253
	0.028243	0.045626	-0.040251	0.036389	-0.055919	-0.074500
	-0.039962					
x221	0.063068	0.015708	0.045756	0.082665	-0.015475	-0.063118
	0.012310	-0.039487	-0.017535	0.009556	-0.041382	-0.004602
	0.012430	0.005453	0.020817	-0.029553	0.021832	0.013246
	0.018375	-0.028296	0.000209	0.072148	0.016270	-0.015596
	-0.002869	0.021101	-0.007495	-0.066139	0.038638	0.013746
	-0.054378					

y221	-0.013929	-0.037477	-0.008451	0.019644	-0.010010	0.094874
	0.015139	0.109792	0.051900	0.022214	0.044311	-0.012999
	-0.001336	-0.010676	-0.068789	0.040497	-0.035875	0.050439
	-0.058640	0.052694	-0.093392	0.107609	0.004152	-0.082669
	0.043118	0.000650	-0.036897	-0.016631	0.046008	0.038699
	0.014126					
z221	0.019177	0.041963	0.033198	-0.038881	-0.034477	0.007120
	-0.057310	-0.095148	-0.012710	0.085861	0.012219	0.012057
	0.009272	-0.017971	-0.022520	-0.044910	-0.026595	0.046161
	-0.001811	0.070537	-0.000566	0.037014	-0.083664	-0.039551
	0.018440	0.030394	-0.047017	0.044006	-0.031777	-0.040454
	-0.021623					
x222	0.062718	0.007704	0.040446	0.084188	-0.018703	-0.051720
	0.012697	-0.025248	-0.012035	-0.007816	-0.038093	0.003422
	0.012214	-0.011479	0.011641	-0.010097	0.003573	0.031323
	0.007303	-0.017628	0.017321	0.070831	0.003863	-0.017804
	-0.019188	0.010937	-0.001866	-0.054407	0.039980	-0.003630
	-0.024250					
y222	-0.018133	-0.044930	-0.010807	0.010816	-0.008849	0.091712
	0.007312	0.112767	0.058110	0.023881	0.035673	-0.013325
	0.002797	-0.015185	-0.046124	0.064364	-0.039503	0.052611
	-0.051879	0.048005	-0.077805	0.097706	0.004807	-0.068638
	0.020328	0.019840	-0.034613	-0.003980	0.059112	0.026373
	0.011708					
z222	0.017865	0.042659	0.035842	-0.031192	-0.031718	0.017135
	-0.056556	-0.092978	-0.021325	0.078041	0.019786	-0.002439
	0.004842	-0.017861	-0.020506	-0.065126	-0.020545	0.033180
	-0.003750	0.063169	-0.015733	0.033210	-0.075579	-0.042772
	0.000057	0.015383	-0.049469	0.047544	-0.012467	-0.009739
	0.003963					
x223	0.061683	-0.001807	0.036905	0.084522	-0.020173	-0.043383
	0.008512	-0.009962	-0.004981	-0.015137	-0.034996	0.010572
	0.011846	-0.023473	0.005935	0.005837	-0.011280	0.039252
	0.006362	-0.008563	0.026587	0.088480	-0.008346	-0.018852
	-0.016073	0.007633	0.002756	-0.029662	0.020807	-0.010767
	-0.041712					
y223	-0.021351	-0.051008	-0.011667	0.001324	-0.007463	0.087978
	0.001048	0.114518	0.062716	0.028054	0.026193	-0.013531
	0.007085	-0.018731	-0.026020	0.079818	-0.039491	0.053448
	-0.044110	0.043526	-0.062655	0.089867	0.005793	-0.055614
	0.002358	0.035367	-0.027079	0.004904	0.061432	0.014801
	0.006180					

z223	0.015453	0.041906	0.037486	-0.024625	-0.027944	0.024893
	-0.056294	-0.086317	-0.025128	0.071385	0.026137	-0.013228
	0.000268	-0.016330	-0.020301	-0.076657	-0.017747	0.017414
	-0.004576	0.054369	-0.021083	0.039362	-0.069945	-0.043197
	-0.007630	0.003882	-0.037938	0.055425	-0.002639	0.015856
	-0.005139					
x224	0.059361	-0.010348	0.032388	0.081446	-0.020423	-0.035791
	0.005279	0.005754	0.002069	-0.020733	-0.029592	0.017427
	0.012485	-0.030687	0.001711	0.012692	-0.021262	0.041551
	0.006447	-0.000164	0.038844	0.107403	-0.016475	-0.021758
	-0.014990	0.007608	0.006059	-0.018360	0.019610	-0.002657
	-0.052340					
y224	-0.023923	-0.055122	-0.011014	-0.008790	-0.006011	0.083063
	-0.003480	0.112993	0.065631	0.032505	0.018831	-0.014530
	0.013279	-0.021187	-0.011356	0.087624	-0.035103	0.055049
	-0.038257	0.039113	-0.047924	0.082215	0.005655	-0.043799
	-0.009123	0.044873	-0.015918	0.008769	0.061510	0.003358
	-0.001327					
z224	0.009803	0.041514	0.037014	-0.022761	-0.021486	0.028312
	-0.055448	-0.076019	-0.025289	0.060245	0.034106	-0.021206
	0.000548	-0.015503	-0.021873	-0.086213	-0.013086	0.004491
	-0.002595	0.052201	-0.023138	0.050300	-0.064361	-0.039054
	-0.009332	-0.008017	-0.027092	0.055076	0.015609	0.035106
	-0.017789					
x225	0.057307	-0.017235	0.029617	0.079944	-0.024173	-0.029329
	0.005346	0.014219	0.003766	-0.022972	-0.026149	0.020584
	0.009841	-0.035389	-0.001766	0.017685	-0.030616	0.039297
	0.004801	0.003920	0.038017	0.116350	-0.012237	-0.030131
	-0.008774	0.012408	-0.003976	-0.019708	-0.006172	0.002750
	-0.059219					
y225	-0.024685	-0.057724	-0.008599	-0.016327	-0.005949	0.078511
	-0.005530	0.109485	0.064813	0.038886	0.012239	-0.016847
	0.017364	-0.021550	0.000204	0.088693	-0.029790	0.056374
	-0.034966	0.033650	-0.034468	0.072163	0.006189	-0.034936
	-0.019138	0.050408	-0.004113	0.004607	0.053105	-0.008132
	-0.004212					
z225	0.005213	0.039864	0.036186	-0.016419	-0.017996	0.030386
	-0.051851	-0.068224	-0.029026	0.051208	0.037893	-0.030519
	-0.005414	-0.013656	-0.023936	-0.085475	-0.019613	-0.008858
	-0.008091	0.041975	-0.028090	0.046923	-0.047836	-0.041938
	-0.015088	-0.009004	-0.030195	0.036460	0.010369	0.042522
	-0.013692					

x226	0.055990	-0.024389	0.027659	0.076391	-0.027008	-0.023634
	0.007311	0.021170	0.008558	-0.024585	-0.019888	0.027014
	0.007864	-0.034517	-0.003721	0.017160	-0.030509	0.043101
	0.001721	0.001468	0.047993	0.117017	-0.012262	-0.025223
	-0.009287	0.013254	0.003565	-0.011386	-0.021240	-0.008159
	-0.038028					
y226	-0.024578	-0.058873	-0.004344	-0.023322	-0.006511	0.073021
	-0.007472	0.103931	0.061458	0.047644	0.007636	-0.019752
	0.020900	-0.020341	0.006982	0.080839	-0.020169	0.057271
	-0.031105	0.027301	-0.023753	0.065333	0.007077	-0.029759
	-0.025102	0.050890	0.010272	-0.001470	0.042087	-0.018469
	-0.009964					
z226	0.000514	0.036902	0.035819	-0.009121	-0.013388	0.029405
	-0.049573	-0.059192	-0.029817	0.039587	0.042496	-0.032833
	-0.007284	-0.011282	-0.026001	-0.087131	-0.023236	-0.012584
	-0.009059	0.026564	-0.026563	0.045468	-0.030841	-0.029097
	-0.026407	-0.011751	-0.026643	0.036216	0.013942	0.029239
	0.011691					
x227	0.054336	-0.030509	0.027565	0.072141	-0.033527	-0.018334
	0.010506	0.025594	0.011312	-0.026134	-0.013611	0.035473
	0.004531	-0.038529	-0.007673	0.012176	-0.021395	0.045962
	-0.004320	0.010222	0.048906	0.114176	-0.007761	-0.027485
	-0.006869	0.009633	0.016060	-0.019567	-0.035521	-0.009675
	-0.023381					
y227	-0.023646	-0.058792	0.001257	-0.029436	-0.006475	0.066291
	-0.008116	0.096865	0.056089	0.056798	0.003909	-0.023465
	0.025094	-0.016673	0.009644	0.064065	-0.006486	0.058514
	-0.029183	0.021028	-0.015935	0.061116	0.011642	-0.022023
	-0.026116	0.048154	0.025716	-0.015812	0.022701	-0.023718
	-0.014634					
z227	-0.004385	0.034435	0.036873	-0.000580	-0.010080	0.028607
	-0.046618	-0.050456	-0.029817	0.023911	0.047686	-0.028689
	-0.008183	-0.012171	-0.033116	-0.085744	-0.020494	-0.015567
	-0.009272	0.026042	-0.028777	0.044424	-0.009564	-0.021223
	-0.036311	-0.019874	-0.022150	0.021320	0.024012	0.019666
	0.029948					
x228	0.053141	-0.034577	0.025809	0.067171	-0.039019	-0.014821
	0.016562	0.028481	0.011358	-0.022791	-0.004675	0.037012
	0.000997	-0.033449	-0.005473	0.011063	-0.007671	0.046744
	-0.004903	0.006353	0.052828	0.096457	-0.008420	-0.032423
	0.001601	0.005377	0.022694	-0.021547	-0.040463	-0.015670
	-0.022203					

y228	-0.021534	-0.057020	0.008496	-0.036459	-0.006792	0.060107
	-0.007434	0.087399	0.046250	0.068691	0.000440	-0.028167
	0.027709	-0.012210	0.007177	0.039490	0.007678	0.057580
	-0.028597	0.011299	-0.007280	0.057028	0.015372	-0.018591
	-0.020541	0.038671	0.044147	-0.034870	-0.004550	-0.026637
	-0.019164					
z228	-0.009238	0.032950	0.034729	0.007773	-0.005292	0.027105
	-0.041794	-0.039683	-0.032518	0.011073	0.051251	-0.028930
	-0.009422	-0.008752	-0.037744	-0.070635	-0.022323	-0.017808
	-0.005008	0.011793	-0.018536	0.030034	0.005111	-0.013087
	-0.038365	-0.033388	-0.019428	0.016174	0.043439	-0.002645
	0.034448					
x229	0.051975	-0.037067	0.025593	0.058487	-0.046175	-0.012129
	0.021467	0.026981	0.004579	-0.014154	0.000444	0.036466
	-0.007468	-0.030297	-0.003113	-0.005758	0.001936	0.038605
	0.001688	-0.000128	0.041935	0.085911	-0.009985	-0.038863
	0.023532	-0.008674	0.030842	-0.020220	-0.061301	-0.009768
	-0.037980					
y229	-0.018367	-0.053795	0.016430	-0.043119	-0.007569	0.052578
	-0.003329	0.076813	0.035205	0.082392	-0.000762	-0.034619
	0.029432	-0.006201	0.002152	0.012465	0.025389	0.057669
	-0.029611	-0.003420	0.000112	0.050114	0.017739	-0.020058
	-0.010011	0.025166	0.060510	-0.055669	-0.038053	-0.027705
	-0.029079					
z229	-0.013797	0.032181	0.033912	0.015452	-0.002076	0.024312
	-0.036649	-0.031418	-0.035871	-0.006126	0.052124	-0.026223
	-0.013704	-0.008876	-0.042339	-0.063855	-0.030822	-0.019824
	0.002599	-0.007834	-0.017966	0.021481	0.019246	-0.009949
	-0.035480	-0.050699	-0.017591	0.023243	0.053985	-0.018980
	0.025596					
x230	0.046644	-0.046679	0.025464	0.042971	-0.048037	-0.005089
	0.026063	0.024233	0.000440	-0.021432	0.004355	0.025932
	-0.014004	-0.027594	0.009392	-0.017692	0.009527	0.030876
	0.006097	-0.000801	0.037882	0.054335	-0.006542	-0.036251
	0.016807	-0.023800	0.036471	-0.023981	-0.056893	0.005403
	-0.024774					
y230	-0.019459	-0.054724	0.020479	-0.051115	0.001799	0.045513
	0.000098	0.062377	0.018868	0.076592	-0.002204	-0.045991
	0.022448	-0.008283	-0.001201	0.004452	0.023721	0.048435
	-0.035933	-0.016016	0.000309	0.028705	0.037637	-0.017931
	-0.021127	0.024654	0.061303	-0.060944	-0.036255	-0.014778
	-0.014604					

z230	-0.014221	0.035050	0.035813	0.024887	-0.002029	0.020707
	-0.034403	-0.022056	-0.021607	-0.004999	0.049471	-0.025821
	-0.015794	-0.000759	-0.044344	-0.050574	-0.016842	-0.016358
	0.017375	-0.014627	-0.010371	0.024875	0.018439	0.008377
	-0.035142	-0.047596	-0.013239	0.007935	0.048710	-0.017105
	-0.000882					
x231	0.041413	-0.056014	0.025792	0.026821	-0.048520	-0.000199
	0.033847	0.024540	-0.002869	-0.026317	0.005311	0.021710
	-0.017075	-0.027601	0.020280	-0.021468	0.014286	0.027307
	-0.003352	-0.003345	0.034236	0.025311	-0.001899	-0.042068
	0.018380	-0.034303	0.034621	-0.020527	-0.057782	0.017226
	-0.018051					
y231	-0.019912	-0.054705	0.024677	-0.056820	0.011471	0.038778
	0.003447	0.048774	0.004657	0.073204	-0.002998	-0.055721
	0.013864	-0.009363	-0.006489	-0.007961	0.022273	0.036107
	-0.038946	-0.026224	-0.001530	0.011572	0.049880	-0.016025
	-0.029468	0.026596	0.060500	-0.066326	-0.030670	-0.008229
	0.000903					
z231	-0.015572	0.035915	0.038882	0.030385	-0.000442	0.013690
	-0.023792	-0.007994	-0.010697	-0.002361	0.046169	-0.021674
	-0.017657	0.006429	-0.047100	-0.037751	-0.011771	-0.013009
	0.015266	-0.025872	-0.011110	0.026222	0.019462	0.011063
	-0.025972	-0.038609	-0.017747	-0.008204	0.031092	-0.017593
	-0.029670					
x232	0.036711	-0.065266	0.025161	0.011671	-0.046492	0.004466
	0.037544	0.022800	-0.005214	-0.026513	0.011609	0.019515
	-0.020357	-0.026237	0.029713	-0.032331	0.018316	0.014767
	-0.002743	-0.001816	0.031547	0.009805	-0.004312	-0.036303
	0.022849	-0.038719	0.029684	-0.010267	-0.053355	0.023009
	-0.003927					
y232	-0.019761	-0.054124	0.028506	-0.060271	0.018727	0.031844
	0.007026	0.036967	-0.005819	0.069216	-0.006128	-0.062352
	0.007878	-0.014083	-0.008664	-0.014796	0.020539	0.027627
	-0.043092	-0.031223	-0.006217	-0.001903	0.058595	-0.016232
	-0.036502	0.028022	0.061634	-0.070757	-0.025136	-0.004429
	0.008510					
z232	-0.016905	0.035032	0.041821	0.033589	0.001868	0.009730
	-0.014632	-0.000013	-0.001449	0.000068	0.049613	-0.019526
	-0.017926	0.010816	-0.043991	-0.032922	-0.007745	-0.010681
	0.023768	-0.034472	-0.011628	0.033085	0.011905	0.018495
	-0.012495	-0.031553	-0.021101	-0.009918	0.026968	-0.018005
	-0.042473					

x233	0.031224	-0.073605	0.025736	0.000265	-0.046684	0.009629
	0.035758	0.022426	-0.007197	-0.025834	0.011537	0.017740
	-0.027958	-0.021613	0.035707	-0.033418	0.022714	0.003869
	-0.002108	0.000323	0.031969	-0.000041	0.009645	-0.031221
	0.016852	-0.029372	0.030664	-0.002003	-0.048652	0.024873
	0.000835					
y233	-0.018618	-0.051833	0.029377	-0.062461	0.026975	0.027539
	0.007425	0.024705	-0.012198	0.065643	-0.007085	-0.064909
	0.006810	-0.020005	-0.010546	-0.019814	0.022820	0.017674
	-0.044737	-0.029924	-0.003924	-0.019521	0.060395	-0.006053
	-0.035969	0.022964	0.056749	-0.071671	-0.022180	-0.008435
	0.030553					
z233	-0.018568	0.032792	0.044207	0.037675	0.001442	0.009012
	-0.014597	0.004837	0.005268	-0.002890	0.046439	-0.018946
	-0.016763	0.015545	-0.030715	-0.016657	-0.004535	-0.015685
	0.022024	-0.036011	-0.008481	0.039295	0.021989	0.023188
	-0.011253	-0.020701	-0.012637	-0.020188	0.015251	-0.023690
	-0.059870					
x234	0.028121	-0.081562	0.025108	-0.010630	-0.045839	0.014076
	0.036181	0.025188	-0.007858	-0.021526	0.015397	0.018929
	-0.034424	-0.015765	0.036604	-0.041913	0.026832	-0.002721
	-0.006028	0.006337	0.034421	-0.017672	0.006108	-0.023504
	0.015345	-0.031649	0.028182	0.000119	-0.040255	0.025759
	0.019902					
y234	-0.017809	-0.049485	0.030666	-0.061478	0.033423	0.020807
	0.007868	0.012877	-0.016588	0.063205	-0.013057	-0.063637
	0.008790	-0.032299	-0.010689	-0.021141	0.020293	0.007868
	-0.046271	-0.023894	-0.006978	-0.017763	0.064441	-0.006053
	-0.037608	0.023791	0.051622	-0.066798	-0.018386	-0.011752
	0.025303					
z234	-0.017769	0.028959	0.045244	0.041083	0.001350	0.010011
	-0.010170	0.010538	0.011487	-0.003620	0.047621	-0.017986
	-0.014672	0.021645	-0.015347	-0.012505	-0.004650	-0.018855
	0.013019	-0.034016	-0.005116	0.033970	0.016429	0.021095
	-0.002364	-0.028452	-0.011326	-0.029834	0.011856	-0.026213
	-0.051749					
x235	0.023615	-0.087273	0.024055	-0.019376	-0.045309	0.014566
	0.033820	0.021306	-0.008368	-0.019419	0.019284	0.019705
	-0.039854	-0.011242	0.031792	-0.043053	0.033561	-0.004852
	0.002110	0.013941	0.034777	-0.026691	0.009219	-0.010555
	0.002265	-0.026570	0.024841	-0.004534	-0.038928	0.019355
	0.035626					

y235	-0.016023	-0.046230	0.031096	-0.058495	0.039942	0.017409
	0.007106	0.005111	-0.017488	0.062333	-0.018154	-0.059630
	0.010306	-0.042110	-0.011011	-0.022421	0.020956	-0.003125
	-0.044797	-0.017851	-0.005377	-0.022440	0.061558	0.002383
	-0.031461	0.026487	0.042976	-0.056005	-0.010503	-0.017551
	0.026862					
z235	-0.019301	0.023344	0.046401	0.041420	-0.001085	0.009024
	-0.007903	0.008722	0.016842	-0.010075	0.051213	-0.017424
	-0.011989	0.025537	-0.000578	-0.005956	-0.003281	-0.014503
	0.020161	-0.031630	-0.006050	0.036503	0.023738	0.026517
	-0.004830	-0.025397	-0.005076	-0.051333	-0.009153	-0.023054
	-0.040915					
x236	0.019543	-0.092380	0.020552	-0.027252	-0.043509	0.019734
	0.032269	0.018543	-0.006259	-0.009081	0.017798	0.025052
	-0.045909	-0.009537	0.023786	-0.043894	0.034198	-0.013184
	-0.002410	0.024692	0.040849	-0.034035	0.008500	-0.000777
	0.000508	-0.019617	0.023578	0.007153	-0.033093	0.015614
	0.047605					
y236	-0.013342	-0.042279	0.032620	-0.052950	0.045130	0.010546
	0.005175	0.001142	-0.013741	0.060923	-0.023339	-0.052509
	0.013856	-0.051766	-0.013018	-0.021102	0.025725	-0.007705
	-0.037132	-0.009146	-0.007326	-0.021487	0.056428	0.010979
	-0.025733	0.029597	0.028431	-0.048284	-0.003976	-0.033166
	0.022718					
z236	-0.020833	0.017384	0.047848	0.040873	-0.001271	0.013910
	0.000002	0.009041	0.015086	-0.007815	0.048263	-0.018872
	-0.016030	0.033574	0.005609	-0.005784	-0.013057	-0.007895
	0.016704	-0.039863	-0.002860	0.026398	0.027845	0.012869
	0.008778	-0.033332	-0.001940	-0.044343	-0.022949	-0.003503
	-0.035290					
x237	0.015993	-0.095638	0.018288	-0.033219	-0.040640	0.020802
	0.031888	0.015349	-0.001605	-0.000844	0.020003	0.029327
	-0.051508	-0.013336	0.011329	-0.040055	0.044348	-0.016641
	-0.002120	0.036386	0.034905	-0.033998	-0.000654	0.009064
	-0.009819	0.000225	0.015191	0.003750	-0.020389	-0.006214
	0.055491					
y237	-0.010524	-0.038182	0.033137	-0.044912	0.050283	0.004949
	0.002013	-0.003208	-0.007919	0.063884	-0.029048	-0.041428
	0.017483	-0.057263	-0.012304	-0.023138	0.026102	-0.019119
	-0.034756	0.004515	-0.002800	-0.018071	0.049844	0.022387
	-0.019604	0.031079	0.014240	-0.031335	-0.001119	-0.039461
	0.025184					

z237	-0.022881	0.013225	0.049008	0.038829	-0.002569	0.013084
	0.007085	0.009258	0.018296	-0.009871	0.051860	-0.022026
	-0.019523	0.028059	0.012728	-0.004213	-0.011223	-0.005203
	0.013780	-0.044171	-0.011520	0.027209	0.025503	-0.001224
	0.007814	-0.027489	-0.001691	-0.060900	-0.037525	0.000167
	-0.033596					
x238	0.013628	-0.099784	0.015245	-0.037762	-0.038363	0.023247
	0.028416	0.014176	0.006977	0.012311	0.018496	0.040063
	-0.058049	-0.012043	-0.002133	-0.028830	0.055059	-0.013887
	-0.004631	0.047695	0.042246	-0.032790	-0.003832	0.029332
	-0.015284	0.020025	0.004467	0.013464	-0.010717	-0.023527
	0.062450					
y238	-0.008434	-0.031985	0.032765	-0.036262	0.054447	0.001588
	-0.004336	-0.008439	-0.004487	0.066410	-0.036250	-0.028272
	0.022682	-0.071150	-0.015587	-0.032478	0.020554	-0.034011
	-0.024206	0.024353	-0.000624	-0.006025	0.036270	0.032802
	-0.011622	0.029587	0.005996	-0.022182	0.003871	-0.050436
	0.025428					
z238	-0.023655	0.005567	0.049366	0.036990	-0.004854	0.014991
	0.013242	0.008902	0.022428	-0.009677	0.051114	-0.021392
	-0.022579	0.028476	0.026392	0.004775	-0.012066	0.009023
	0.002761	-0.049960	-0.006506	0.014797	0.028517	-0.009257
	0.012774	-0.033750	-0.006301	-0.059641	-0.055803	0.005530
	-0.029679					
x239	0.012695	-0.101289	0.008562	-0.043172	-0.029600	0.024350
	0.026251	0.000217	0.015209	0.023111	0.022778	0.041373
	-0.046251	-0.011700	-0.006159	-0.025691	0.060599	-0.015914
	0.011957	0.041389	0.050903	-0.043781	-0.009168	0.033264
	-0.002084	-0.002829	-0.013841	0.031929	0.009384	-0.014656
	0.045096					
y239	-0.002106	-0.024190	0.031609	-0.025056	0.062963	-0.008707
	-0.007563	-0.013936	-0.006425	0.057608	-0.040120	-0.026208
	0.035550	-0.071556	-0.016006	-0.033381	0.015948	-0.036715
	-0.004581	0.022387	0.008831	-0.005882	0.033893	0.038665
	0.007605	0.009682	0.000864	-0.004061	0.009879	-0.027613
	0.007696					
z239	-0.027499	-0.002631	0.049737	0.033130	-0.005236	0.020744
	0.016188	0.009842	0.021982	-0.010182	0.045147	-0.017889
	-0.031049	0.020709	0.031178	0.005797	-0.016207	0.014518
	-0.013485	-0.045094	-0.007872	0.011735	0.027842	-0.006159
	0.008417	-0.026977	-0.006288	-0.065859	-0.067469	-0.005675
	-0.001347					

x240	0.010926	-0.102109	0.002463	-0.046928	-0.020601	0.023732
	0.026746	-0.011963	0.022064	0.033312	0.028134	0.039342
	-0.034102	-0.009530	-0.008633	-0.019255	0.067027	-0.016398
	0.025588	0.035532	0.055768	-0.052561	-0.016730	0.035633
	0.005799	-0.014527	-0.031061	0.046293	0.017453	-0.004905
	0.023276					
y240	0.004150	-0.017399	0.031571	-0.019189	0.068987	-0.013692
	-0.010499	-0.018094	-0.005354	0.052049	-0.048280	-0.020684
	0.041781	-0.079098	-0.017123	-0.038575	0.005463	-0.041689
	0.004911	0.017742	0.017173	-0.003782	0.027663	0.042523
	0.026239	-0.009055	0.001152	0.000745	0.018721	-0.015326
	-0.005702					
z240	-0.030918	-0.009250	0.048978	0.035422	-0.003200	0.022023
	0.020299	0.009357	0.020649	-0.011857	0.047535	-0.014971
	-0.031766	0.022665	0.038707	0.007934	-0.012785	0.010243
	-0.019783	-0.033594	-0.013542	0.015652	0.027875	0.001936
	-0.001058	-0.013636	-0.006262	-0.062845	-0.078122	-0.001767
	0.011152					
x241	0.010235	-0.101938	-0.005206	-0.050723	-0.012562	0.024757
	0.025020	-0.022424	0.030795	0.045422	0.031574	0.037427
	-0.024627	-0.010057	-0.006245	-0.010262	0.074080	-0.022098
	0.034585	0.032085	0.058578	-0.054423	-0.028224	0.040285
	0.018437	-0.025323	-0.040655	0.052561	0.032707	0.000513
	0.004799					
y241	0.007519	-0.008498	0.034577	-0.009648	0.073254	-0.023586
	-0.008273	-0.021334	-0.012620	0.040610	-0.049226	-0.019310
	0.044573	-0.076570	-0.021411	-0.042972	-0.006597	-0.040017
	0.018475	0.009830	0.018587	-0.008954	0.027180	0.040444
	0.029403	-0.025795	-0.002244	0.004935	0.020531	-0.008808
	-0.012075					
z241	-0.031710	-0.018552	0.043072	0.030779	0.000354	0.028264
	0.018544	0.002778	0.029816	-0.013026	0.045057	-0.006433
	-0.029921	0.010600	0.058627	0.016782	-0.003808	-0.005855
	-0.035937	-0.014934	-0.015159	0.027464	0.019138	0.013765
	0.009591	-0.008113	-0.001079	-0.067653	-0.077610	-0.003346
	0.016126					
x242	0.009132	-0.100011	-0.011669	-0.051430	-0.005002	0.023416
	0.027013	-0.027906	0.035029	0.056067	0.034056	0.032953
	-0.018627	-0.007804	-0.008712	-0.001039	0.075884	-0.025133
	0.047145	0.027199	0.058433	-0.056075	-0.038612	0.038161
	0.024335	-0.030814	-0.049027	0.052901	0.039263	0.002305
	-0.009061					

y242	0.009921	-0.000122	0.035140	-0.000675	0.077864	-0.033363
	-0.006302	-0.027896	-0.018117	0.027389	-0.046364	-0.016465
	0.047524	-0.075265	-0.024792	-0.042214	-0.012656	-0.039858
	0.029415	0.003066	0.010910	-0.016016	0.027947	0.038305
	0.033725	-0.041748	-0.003052	-0.000059	0.022844	-0.005707
	-0.008454					
z242	-0.031773	-0.026623	0.043960	0.029339	0.001421	0.032332
	0.021239	0.005597	0.034570	-0.011637	0.037240	-0.004311
	-0.034959	0.003363	0.066129	0.017299	-0.002725	-0.011694
	-0.036367	-0.003976	-0.009691	0.030008	0.011019	0.015096
	0.010088	0.005339	0.007710	-0.054906	-0.074262	0.000969
	0.008425					
x243	0.007951	-0.096511	-0.017403	-0.049590	0.002071	0.021126
	0.029559	-0.032730	0.039766	0.067789	0.034971	0.026760
	-0.013438	-0.002096	-0.013776	0.008634	0.075872	-0.024565
	0.061435	0.018495	0.055924	-0.056335	-0.049372	0.039550
	0.027923	-0.033329	-0.048250	0.045401	0.037749	0.006468
	-0.024447					
y243	0.014579	0.006295	0.038553	0.002330	0.077842	-0.033457
	-0.007556	-0.025661	-0.013729	0.024932	-0.047181	-0.006557
	0.045680	-0.078015	-0.017833	-0.042954	-0.018443	-0.045094
	0.026562	-0.001375	0.026246	-0.011675	0.027103	0.042936
	0.044258	-0.042674	-0.005912	0.005344	0.019122	0.008856
	-0.000936					
z243	-0.035469	-0.032802	0.042388	0.027441	0.005701	0.029606
	0.028046	0.003345	0.034324	-0.017048	0.030148	-0.006897
	-0.039715	0.002992	0.058224	0.020642	0.004407	-0.001109
	-0.023541	0.002040	-0.029959	0.027819	0.001729	0.006785
	-0.002341	0.016839	0.021603	-0.052879	-0.066225	0.007064
	-0.015169					
x244	0.006796	-0.091452	-0.024573	-0.045472	0.009216	0.020387
	0.032664	-0.032439	0.042447	0.079481	0.034739	0.018008
	-0.010773	0.001476	-0.017291	0.023133	0.075063	-0.023180
	0.077062	0.011543	0.053901	-0.049315	-0.061840	0.036294
	0.027172	-0.032886	-0.048034	0.033030	0.042929	0.006168
	-0.030118					
y244	0.018663	0.011009	0.043650	0.003985	0.074666	-0.035948
	-0.005937	-0.026747	-0.011212	0.018868	-0.047816	0.001275
	0.045254	-0.078940	-0.017436	-0.042337	-0.028003	-0.045305
	0.021374	-0.012082	0.015633	-0.016794	0.028830	0.047850
	0.050934	-0.034827	0.003047	0.008832	0.009596	0.000582
	-0.019112					

z244	-0.037466	-0.038453	0.042051	0.027425	0.011258	0.023992
	0.031767	0.000253	0.036095	-0.023228	0.022532	-0.005116
	-0.045200	0.002280	0.054274	0.024130	0.012171	-0.000374
	-0.007606	0.011282	-0.013200	0.027280	-0.011055	0.003455
	-0.007679	0.011574	0.020859	-0.056648	-0.059011	0.038842
	0.004410					
x245	0.004893	-0.084334	-0.031746	-0.038285	0.015247	0.016858
	0.037822	-0.031085	0.039932	0.089767	0.035486	0.007116
	-0.009573	0.008620	-0.022389	0.040345	0.070313	-0.024388
	0.089975	0.005974	0.041199	-0.045854	-0.070011	0.030225
	0.024895	-0.031033	-0.040482	0.017230	0.039098	0.001822
	-0.033542					
y245	0.019236	0.019946	0.049060	0.007199	0.070821	-0.046212
	-0.000116	-0.029983	-0.022060	0.000413	-0.040127	0.002316
	0.037808	-0.076673	-0.012622	-0.039836	-0.033034	-0.045348
	0.023836	-0.015166	-0.000105	-0.016995	0.030125	0.034619
	0.043766	-0.047313	-0.002976	-0.012798	0.010779	-0.004902
	-0.019363					
z245	-0.036352	-0.049309	0.040923	0.030849	0.017521	0.024730
	0.035266	0.001922	0.047705	-0.022694	0.007583	0.000487
	-0.048624	-0.001747	0.043159	0.026274	0.012456	0.003054
	0.007664	0.013888	-0.003600	0.014432	-0.019586	0.012238
	-0.008421	0.012699	0.033074	-0.034729	-0.061141	0.040291
	0.010639					
x246	0.003572	-0.075831	-0.038646	-0.029877	0.020889	0.013878
	0.043286	-0.026993	0.039430	0.101415	0.033220	-0.003154
	-0.010537	0.016413	-0.030051	0.058718	0.064218	-0.024063
	0.100423	0.001587	0.031228	-0.035567	-0.080283	0.024668
	0.017743	-0.029600	-0.025270	-0.003252	0.029579	-0.000101
	-0.032552					
y246	0.019790	0.026708	0.055435	0.004629	0.064949	-0.046409
	0.003359	-0.029723	-0.017371	-0.009246	-0.034916	0.009186
	0.027207	-0.071606	-0.010633	-0.041220	-0.032871	-0.041675
	0.020305	-0.018492	0.001388	-0.020057	0.026121	0.040008
	0.039388	-0.048059	0.007772	-0.022254	0.001980	-0.005721
	-0.019463					
z246	-0.034872	-0.058186	0.039442	0.035300	0.023428	0.017828
	0.042785	0.002318	0.047092	-0.024682	-0.006490	0.002679
	-0.049525	-0.006739	0.035165	0.034449	0.011492	0.003283
	0.031509	0.015198	-0.008312	0.006372	-0.028888	0.004397
	-0.014523	0.017363	0.038216	-0.030309	-0.050809	0.052680
	0.007923					

x247	0.002192	-0.066946	-0.044242	-0.018948	0.026752	0.010462
	0.048741	-0.019858	0.036009	0.107870	0.031222	-0.015751
	-0.012030	0.023352	-0.034820	0.077593	0.054542	-0.024400
	0.116022	-0.009780	0.025638	-0.029084	-0.088612	0.010288
	0.018079	-0.011989	-0.012798	-0.032452	0.017930	-0.010124
	-0.021859					
y247	0.020806	0.032294	0.063259	0.003026	0.055650	-0.046724
	0.007585	-0.023883	-0.017128	-0.021909	-0.024100	0.014110
	0.015860	-0.069103	-0.002715	-0.040340	-0.033513	-0.042982
	0.013717	-0.029207	-0.003194	-0.030624	0.020293	0.033579
	0.031234	-0.021761	0.006666	-0.031695	-0.001285	-0.017659
	-0.014490					
z247	-0.035170	-0.063958	0.035980	0.040643	0.030022	0.011169
	0.049703	0.000165	0.053377	-0.023316	-0.024574	0.003454
	-0.053007	-0.010441	0.018016	0.043955	0.014180	0.005962
	0.057852	0.031080	-0.013209	0.005931	-0.034706	0.003791
	-0.020264	0.003895	0.060724	-0.019056	-0.044300	0.064375
	-0.013897					
x248	0.005737	-0.053220	-0.041906	-0.021657	0.024561	0.014338
	0.047783	-0.040196	0.021025	0.104438	0.031203	-0.012447
	-0.002043	0.013256	-0.034149	0.069493	0.040688	-0.036962
	0.082791	-0.013565	0.029074	-0.041421	-0.077922	0.014816
	0.018739	-0.015889	0.004522	-0.051903	0.001478	-0.014361
	-0.016058					
y248	0.021552	0.037018	0.067671	-0.003572	0.051901	-0.044725
	0.008048	-0.021379	-0.013658	-0.045216	-0.014684	0.018659
	0.011812	-0.067343	0.006478	-0.030808	-0.034996	-0.046980
	0.006799	-0.030357	-0.009161	-0.017743	0.018914	0.018972
	0.038937	-0.010006	0.001897	-0.037137	-0.001074	-0.018056
	-0.018383					
z248	-0.030860	-0.070937	0.035944	0.039793	0.034231	0.010869
	0.044153	-0.007362	0.051979	-0.015692	-0.037469	0.003531
	-0.047900	-0.000139	0.010030	0.050606	0.015944	0.000947
	0.042324	0.036969	-0.014335	-0.005424	-0.022724	-0.002580
	-0.021421	-0.003443	0.066884	-0.003150	-0.030712	0.061821
	0.002372					
x249	0.007814	-0.037555	-0.041074	-0.024682	0.020034	0.015849
	0.042083	-0.054969	0.007869	0.101045	0.031945	-0.007465
	0.003845	0.009599	-0.032887	0.062449	0.031453	-0.051080
	0.045055	-0.009585	0.033766	-0.050474	-0.068086	0.007441
	0.013727	-0.014336	0.023327	-0.061530	-0.014640	-0.009954
	0.001042					

y249	0.021517	0.038086	0.070887	-0.013421	0.045006	-0.040189
	0.004148	-0.019826	-0.005933	-0.060733	-0.010757	0.029787
	0.010489	-0.060888	0.013291	-0.025052	-0.035478	-0.052968
	-0.011799	-0.025965	-0.007196	-0.010873	0.013784	0.005917
	0.050049	-0.002485	-0.001922	-0.037014	0.000091	-0.013538
	-0.008064					
z249	-0.024343	-0.076864	0.038480	0.043702	0.041187	0.010230
	0.049167	-0.015897	0.046186	-0.016303	-0.047184	-0.001211
	-0.040196	0.002462	0.005875	0.053757	0.011992	0.001227
	0.038540	0.033903	-0.020936	-0.009942	-0.021273	0.012776
	-0.017081	-0.022379	0.059493	-0.000036	-0.027017	0.051697
	0.006796					
x250	0.010403	-0.021215	-0.041289	-0.023494	0.015807	0.017976
	0.041317	-0.063151	0.001125	0.094955	0.036904	-0.001048
	0.008252	0.004208	-0.028614	0.061506	0.017013	-0.062568
	0.021957	-0.002718	0.033045	-0.057257	-0.077498	0.020979
	0.001979	-0.020843	0.032063	-0.070650	-0.023876	-0.017913
	0.009440					
y250	0.021108	0.038019	0.072609	-0.019797	0.039967	-0.035592
	0.001405	-0.019905	0.004141	-0.072130	-0.000526	0.035085
	0.007586	-0.059073	0.019282	-0.012885	-0.035267	-0.058525
	-0.021171	-0.022574	-0.008746	-0.000139	0.010395	-0.000557
	0.048025	0.006843	-0.008454	-0.030296	-0.001273	-0.012533
	-0.001366					
z250	-0.019269	-0.079618	0.040649	0.045370	0.045266	0.010414
	0.044436	-0.021802	0.029563	-0.014673	-0.061072	-0.006314
	-0.033963	0.009121	-0.001601	0.045168	0.014048	0.000723
	0.020671	0.032120	-0.022205	-0.008188	-0.004788	-0.002644
	-0.007307	-0.029473	0.061319	0.014011	-0.012074	0.051458
	0.015022					
x251	0.013556	-0.005577	-0.038818	-0.022955	0.013556	0.020757
	0.038230	-0.068911	-0.009364	0.085001	0.039247	0.003286
	0.006378	0.010753	-0.030953	0.054473	0.004827	-0.057877
	0.001844	-0.005224	0.032565	-0.060860	-0.081678	0.024167
	-0.010630	-0.027875	0.025800	-0.072850	-0.027206	-0.019530
	0.035874					
y251	0.019365	0.038319	0.074189	-0.023434	0.035108	-0.036935
	0.000916	-0.023601	0.001698	-0.083725	0.011606	0.036738
	0.001676	-0.054184	0.012590	-0.007541	-0.038235	-0.049425
	-0.023323	-0.020087	-0.023490	-0.006160	0.005919	-0.024254
	0.042833	0.010081	-0.022040	-0.032588	0.015692	-0.034536
	0.019536					

z251	-0.014729	-0.080410	0.041465	0.049369	0.047009	0.010366
	0.044642	-0.019887	0.022101	-0.008092	-0.071445	-0.010313
	-0.028126	0.001756	0.002116	0.038846	0.011818	-0.015207
	-0.000230	0.037949	-0.019621	0.000139	-0.007322	-0.003328
	0.008166	-0.020239	0.072228	0.024158	-0.009372	0.050515
	-0.004258					
x252	0.014284	0.011283	-0.037820	-0.021631	0.012577	0.022304
	0.039041	-0.065045	-0.019692	0.074664	0.045457	0.008172
	-0.001322	0.018901	-0.022647	0.039946	-0.001983	-0.063275
	-0.013570	-0.007845	0.044850	-0.038807	-0.083414	0.020966
	-0.010094	-0.029654	0.024681	-0.069290	-0.030465	-0.005235
	0.046779					
y252	0.016612	0.036086	0.077551	-0.034068	0.028140	-0.030561
	-0.001186	-0.018838	0.012942	-0.082965	0.010361	0.040981
	-0.005016	-0.061325	0.019172	-0.005921	-0.035215	-0.048326
	-0.032571	-0.016938	-0.003861	0.000479	-0.008777	-0.021609
	0.050425	0.013127	-0.013804	-0.014398	0.021571	-0.008354
	0.001892					
z252	-0.009436	-0.076831	0.042638	0.055863	0.049398	0.007639
	0.043494	-0.024790	0.004555	-0.011823	-0.076738	-0.014934
	-0.017518	-0.002118	-0.013209	0.040342	0.008224	-0.012046
	-0.009480	0.046103	-0.032058	-0.017117	-0.015059	-0.008182
	0.012580	-0.028377	0.058986	0.032610	0.005109	0.008277
	0.005979					
x253	0.015640	0.027101	-0.036503	-0.017720	0.011428	0.022351
	0.033752	-0.060764	-0.030357	0.061306	0.047235	0.011470
	-0.007733	0.024062	-0.015605	0.027122	-0.008340	-0.071241
	-0.024628	-0.014869	0.039753	-0.028764	-0.092206	0.016237
	0.009159	-0.011948	0.012475	-0.068475	-0.015349	-0.010726
	0.045899					
y253	0.013835	0.032646	0.077614	-0.040615	0.019378	-0.029900
	-0.005885	-0.022745	0.015641	-0.084703	0.010772	0.040260
	-0.006811	-0.061396	0.016719	-0.002617	-0.033490	-0.055294
	-0.043151	-0.012737	-0.014462	-0.011579	-0.023381	-0.018307
	0.057855	0.012190	-0.008576	-0.005994	0.049072	-0.011088
	-0.017548					
z253	-0.003813	-0.070256	0.044050	0.061187	0.051430	0.008905
	0.048970	-0.020659	-0.009435	-0.008617	-0.077450	-0.015933
	-0.015528	-0.002706	-0.023865	0.034293	0.003694	-0.001481
	-0.020384	0.058155	-0.024849	-0.009444	-0.025780	-0.013290
	-0.000687	-0.051642	0.044725	0.045841	-0.009468	-0.000502
	0.031819					

x254	0.016780	0.040124	-0.033887	-0.011199	0.008867	0.023114
	0.028407	-0.054826	-0.033428	0.045722	0.053807	0.016725
	-0.014913	0.022161	-0.010720	0.015673	-0.021670	-0.058692
	-0.039758	-0.009883	0.036745	-0.017417	-0.100580	0.020189
	0.007374	-0.003509	-0.008220	-0.069624	-0.024682	-0.000050
	0.083061					
y254	0.012075	0.024040	0.072728	-0.044373	0.012507	-0.021198
	-0.015227	-0.032157	0.028746	-0.063806	0.022748	0.046422
	-0.008733	-0.082916	0.000402	-0.001845	-0.039508	-0.042351
	-0.052419	-0.001044	-0.018630	-0.009649	-0.015153	-0.011551
	0.066326	0.040843	-0.012972	0.007968	0.043789	0.019949
	0.020102					
z254	-0.000775	-0.058751	0.048918	0.068794	0.050676	0.006447
	0.054501	-0.002470	-0.036462	-0.019900	-0.090991	-0.024645
	-0.016879	0.018451	-0.021199	0.020982	0.010582	-0.026873
	-0.024050	0.064014	-0.023255	-0.005293	-0.050020	-0.028295
	-0.013144	-0.065299	0.037173	0.055751	0.032283	-0.030728
	-0.027935					
x255	0.015439	0.054103	-0.032709	-0.005513	0.007295	0.023723
	0.025562	-0.043103	-0.039996	0.023423	0.053083	0.015354
	-0.020529	0.028621	0.000119	0.000711	-0.027903	-0.046324
	-0.054188	-0.007651	0.028076	-0.006493	-0.111235	0.032819
	0.004467	0.003821	-0.033112	-0.059721	0.000271	0.001753
	0.107349					
y255	0.004723	0.016044	0.070142	-0.045225	0.004593	-0.024097
	-0.018666	-0.039047	0.022729	-0.068516	0.022253	0.039829
	-0.005669	-0.083460	-0.002299	-0.006010	-0.040917	-0.051171
	-0.061951	0.008334	-0.045371	-0.026833	-0.015122	0.001924
	0.053393	0.038719	-0.015748	0.011621	0.091217	0.028347
	-0.007382					
z255	0.006767	-0.045297	0.050605	0.078052	0.051618	0.008174
	0.058685	0.013444	-0.054090	-0.012339	-0.088361	-0.019564
	-0.021709	0.017642	-0.032949	0.007994	0.005342	-0.033987
	-0.023100	0.074688	-0.007559	0.016496	-0.074442	-0.052078
	-0.001641	-0.059000	0.020080	0.064169	0.014465	-0.044603
	-0.038000					
x256	0.014884	0.068302	-0.031370	0.001066	0.006566	0.024703
	0.026003	-0.025222	-0.041633	-0.004819	0.049904	0.015448
	-0.015946	0.032072	0.015097	-0.011669	-0.015017	-0.032500
	-0.049628	-0.006666	0.030573	0.011270	-0.118604	0.023889
	0.004088	0.013663	-0.065774	-0.056390	0.026550	0.010398
	0.122907					

y256	-0.001549	0.006576	0.068123	-0.049277	-0.006319	-0.023621
	-0.022838	-0.046579	0.025472	-0.067964	0.012217	0.030501
	0.004225	-0.092673	-0.001132	-0.014171	-0.034578	-0.065874
	-0.069098	0.022030	-0.059898	-0.045094	-0.024978	0.008257
	0.036941	0.030633	-0.005904	0.007877	0.145769	0.044173
	-0.042722					
z256	0.014594	-0.025939	0.052178	0.091642	0.053968	0.008175
	0.059760	0.023894	-0.080998	0.004937	-0.067509	-0.014065
	-0.044937	0.017398	-0.058955	-0.010719	-0.012670	-0.022157
	-0.030565	0.082796	-0.003947	0.044495	-0.101776	-0.062511
	0.011376	-0.051318	-0.002866	0.094936	-0.012775	-0.087757
	-0.003150					

Canonical Variate Analysis: CVA ...RawData_Canals

Dataset: RawData_Canals

Classification criterion: environment

Groups Observations

1. coastal 15
2. continental 8
3. marine 7
4. polar 2

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.78905346	54.894	54.894
2.	1.59663810	31.425	86.319
3.	0.69511754	13.681	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.4598		
marine	2.6000	3.8902	
polar	4.9570	6.0398	4.1222

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	<.0001		
marine	0.0536	0.0004	
polar	0.0122	0.0212	0.6685

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0776		
marine	0.0605	0.1039	
polar	0.1155	0.1557	0.1065

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0178		
marine	0.2962	0.0034	
polar	0.1612	0.0439	0.3051

Canonical coefficients:

	CV1	CV2	CV3
x1	-3.2315		-0.5836
y1	-5.9590		0.6104
z1	-8.8443		-4.6506
x2	6.5611		-4.8894
y2	7.0210		2.3575
z2	4.1364		-8.6212
x3	5.7769		-1.5213
y3	5.0514		3.4555
z3	2.0482		-7.8503
x4	4.6883		1.0584
y4	3.3993		4.3902
z4	-0.1768		-6.3400
x5	4.7419		1.4257
y5	2.0925		5.4033
z5	-1.6949		-5.6427
x6	4.7342		2.2855
y6	0.8475		5.6713
z6	-2.7356		-4.3413
x7	4.9811		2.3854
y7	0.1031		6.2323
z7	-3.4706		-3.1167
x8	5.9314		1.9958
y8	0.8532		5.5341
z8	-2.5948		-2.1980

x9	7.3355	0.6929	1.3077
y9	2.2540	5.0375	2.1068
z9	-0.6002	-1.9720	-1.0438
x10	7.8244	-0.8504	0.1332
y10	3.6467	4.9218	2.6793
z10	-0.8523	-1.1472	0.7974
x11	8.3349	-3.5401	-2.5463
y11	5.7626	3.4859	3.0582
z11	-1.6458	-1.7130	1.0819
x12	5.7600	-4.6209	-1.9372
y12	4.4321	1.7538	1.4721
z12	0.2090	-2.1558	1.2828
x13	3.5457	-4.6536	-1.4771
y13	3.8413	0.8455	1.2428
z13	2.6083	-1.1787	0.4049
x14	1.8739	-4.9236	-1.2346
y14	2.2361	0.3849	1.5641
z14	4.6779	-2.7620	-0.7026
x15	0.1085	-5.3346	-1.2887
y15	0.5754	0.0257	1.9983
z15	3.8453	-3.1418	-0.0311
x16	-2.3056	-4.2878	-1.3506
y16	-0.0710	-0.3204	2.0415
z16	4.4991	-3.2405	0.2100
x17	-3.5865	-3.4724	-1.5092
y17	-0.8529	-0.1514	3.2403
z17	4.0436	-3.4003	-1.8061
x18	-4.8512	-2.1386	-1.6108

y18	-1.6353	0.4033	4.8066
z18	3.3492	-4.1682	-2.4659
x19	-6.4846	-0.5059	-2.8985
y19	-2.0144	2.0057	5.7507
z19	5.1585	-2.5826	-3.5349
x20	-7.4261	1.5571	-3.8943
y20	-1.8051	3.4678	7.1859
z20	4.1811	-0.9072	-4.5195
x21	-5.1069	-0.4659	-1.6809
y21	0.9609	1.2734	6.3240
z21	3.2103	0.2734	-3.0663
x22	-4.9368	-0.9162	-0.7744
y22	2.5837	1.3659	6.1624
z22	3.1008	-1.0929	-1.4162
x23	-4.7531	-0.2172	-0.0374
y23	3.9201	2.0772	5.2877
z23	2.7235	-1.8201	0.7692
x24	-3.6776	-1.0465	-1.2131
y24	5.4733	1.6901	3.7943
z24	1.9173	-1.6039	2.3101
x25	-1.7337	-2.1820	-1.7304
y25	7.0636	0.2719	2.8664
z25	2.1473	-2.6401	2.2007
x26	-1.8840	-2.7050	-2.1207
y26	5.8884	-0.3205	2.2714
z26	2.0248	-3.5299	2.3387
x27	-5.2402	0.6931	-2.1621
y27	2.1596	2.3906	2.5312

z27	1.9711	-4.7524	2.0833
x28	-6.7989	1.9498	-3.9785
y28	-0.9569	4.0601	0.8566
z28	2.1851	-6.1529	1.0826
x29	-2.2141	1.7905	-5.6003
y29	2.9061	3.0203	-0.5130
z29	4.6049	-8.8589	-0.4448
x30	1.0339	1.4915	-6.2166
y30	5.5379	0.4892	-2.8770
z30	2.6977	-6.8364	-1.6591
x31	1.8612	5.1988	-6.6319
y31	3.5157	2.7648	-2.3985
z31	-2.6601	-1.5524	-1.9541
x32	4.3788	6.0248	-6.3756
y32	3.4879	3.5157	-1.5970
z32	-3.5748	2.3513	-1.8158
x33	6.0747	5.1706	-5.7650
y33	3.3419	4.9993	-0.7866
z33	-2.9997	4.0482	-0.1321
x34	6.2409	3.8587	-4.9937
y34	1.9943	5.8639	-1.1548
z34	-3.6928	5.8668	-0.3979
x35	5.8732	1.2948	-4.3493
y35	0.1444	7.2999	-0.9163
z35	-6.1807	8.3257	0.1791
x36	5.4880	-1.3393	-2.9819
y36	-2.6636	7.5563	-0.8393
z36	-8.8848	8.9798	0.3138

x37	2.2640	-1.5320	0.0777
y37	-4.8469	7.0565	-0.5442
z37	-7.4383	6.9503	0.7814
x38	-3.7617	-3.6142	0.4419
y38	-7.5490	6.7626	1.3193
z38	-4.8584	5.6674	3.7948
x39	-5.5371	-2.4024	0.1059
y39	-7.5643	6.7299	0.2660
z39	-2.4787	6.6450	4.3604
x40	-6.7999	-2.0532	-0.0801
y40	-7.4232	6.7920	-0.8678
z40	-0.2262	6.9211	4.0581
x41	-7.2458	-0.5797	-0.0992
y41	-7.0172	6.1483	-1.8516
z41	1.3959	6.0306	3.2030
x42	-5.6820	-0.5384	-0.4976
y42	-6.4859	5.7014	-2.5712
z42	2.2047	5.0850	2.3148
x43	-4.0991	-1.1886	-1.6032
y43	-5.3198	5.0660	-2.9442
z43	2.9037	3.8358	1.4897
x44	-2.0773	-2.9217	-2.7132
y44	-3.3551	4.7625	-2.9231
z44	3.5024	1.9065	0.0782
x45	1.4172	-4.9957	-4.1036
y45	-0.4588	4.5926	-1.7276
z45	3.9542	-1.5448	-2.7340
x46	4.8145	-6.7475	-5.7289

y46	3.0389	3.9916	-0.7871
z46	4.8212	-6.0243	-6.3067
x47	2.9390	2.8410	2.7280
y47	-4.6623	1.6094	-5.7147
z47	1.1565	3.6878	-7.1376
x48	1.3799	2.1349	2.4447
y48	-3.8369	2.6737	-4.8070
z48	1.1417	3.6243	-5.1507
x49	1.3919	0.5891	1.1461
y49	-1.8556	2.2119	-5.0969
z49	1.5577	3.1477	-3.7327
x50	0.4594	0.3156	0.7633
y50	-1.3860	1.6749	-4.7611
z50	1.1352	2.3915	-2.5608
x51	-0.3144	0.2030	0.2492
y51	-1.1913	2.3396	-4.6015
z51	0.3448	2.1046	-1.6529
x52	-0.8883	0.6163	0.4097
y52	-1.8236	2.6970	-4.3142
z52	-0.7445	2.1982	-0.3198
x53	-0.7762	0.8723	0.2928
y53	-2.1873	3.0129	-4.5667
z53	-1.9201	1.8185	0.0054
x54	0.6625	1.0456	0.2045
y54	-1.6762	2.9535	-5.0611
z54	-2.7265	1.5718	0.8679
x55	2.5187	2.0800	0.7529
y55	-0.0498	1.4786	-5.3552

z55	-2.9985	-0.0648	0.6699
x56	5.6844	1.7870	0.9432
y56	-0.5158	2.3625	-5.7862
z56	-5.1124	0.3567	1.3661
x57	6.6361	1.4485	1.8808
y57	0.8997	0.9812	-4.8950
z57	-3.6893	-0.1290	2.4592
x58	7.3573	1.1819	2.4227
y58	2.0349	0.7185	-4.2286
z58	-2.4786	-0.4955	2.9953
x59	8.2832	0.5513	2.4802
y59	2.4711	1.6394	-2.2710
z59	-1.6449	-0.3548	4.0357
x60	7.6972	0.3913	2.6316
y60	2.6761	0.3369	-2.0381
z60	-0.4561	-1.6340	3.8129
x61	6.8921	0.2797	2.2792
y61	3.7618	0.1402	-1.7152
z61	0.6152	-2.0861	3.6156
x62	6.6112	-0.6018	1.3772
y62	3.7252	0.5729	-1.1742
z62	0.6850	-1.6536	3.5265
x63	4.8918	0.1060	0.2663
y63	3.3747	-0.8734	-1.0356
z63	1.8825	-3.0083	3.2460
x64	2.5111	0.1788	-1.1314
y64	3.8960	-1.1426	-0.2130
z64	3.8723	-3.8594	3.1287

x65	1.3408	-1.0608	-3.2115
y65	1.3954	0.1242	0.2663
z65	3.8817	-3.2139	2.7468
x66	0.4249	1.4691	-2.0980
y66	-0.2923	0.6934	0.8484
z66	2.5833	-2.8081	3.4715
x67	0.2004	2.8874	-0.7701
y67	-1.6337	2.2062	0.4592
z67	1.3736	-1.3710	3.1140
x68	-0.7848	4.3153	0.2869
y68	-1.5756	2.4924	-0.1256
z68	0.9704	-0.9053	2.8169
x69	-1.6892	5.2681	1.1497
y69	-0.9702	2.2933	-0.7588
z69	0.9225	-0.5420	2.6305
x70	-2.7049	6.0394	2.0202
y70	0.6930	1.0358	-1.8611
z70	1.3738	-0.8619	1.6405
x71	-3.7104	5.9796	1.8837
y71	1.7834	0.5238	-1.6602
z71	2.0922	-0.8713	1.4529
x72	-3.7744	4.4500	1.6260
y72	2.3947	0.0525	-2.4106
z72	1.9429	0.0865	1.0841
x73	-3.4745	2.8870	0.8091
y73	1.9223	0.1582	-1.6886
z73	1.4584	0.4270	1.0400
x74	-2.2354	0.5309	-0.3045

y74	1.2815	-0.1476	-1.6209
z74	0.2875	1.2194	1.0477
x75	-0.7358	-1.2610	-0.8345
y75	-0.4791	-0.6794	-1.7548
z75	1.3717	0.4502	1.0381
x76	0.4508	-2.5109	-2.0284
y76	-2.4799	-0.6623	-0.7514
z76	2.0861	-0.4808	1.0462
x77	1.6021	-2.9683	-2.1740
y77	-4.0712	-1.1744	-0.8297
z77	1.8602	-0.8280	0.9838
x78	1.2139	-2.0671	-1.9109
y78	-4.6700	-2.6420	-1.3085
z78	1.8921	-1.3366	0.9842
x79	0.6287	-1.7753	-1.9565
y79	-5.0490	-3.2314	-0.9886
z79	1.3770	-1.2856	0.6390
x80	0.0353	-1.4758	-2.0548
y80	-5.4293	-3.3930	-0.7338
z80	-0.0608	-0.3036	0.9266
x81	-0.8221	0.1681	-1.5511
y81	-5.5955	-4.9703	-0.8726
z81	-1.6059	0.2533	0.8260
x82	-1.3581	0.0518	-1.1728
y82	-5.8380	-4.6194	-0.8131
z82	-3.9321	1.2610	0.4888
x83	-2.9910	0.8282	-0.5726
y83	-5.8279	-4.4752	-0.8139

z83	-6.7142	3.3496	0.2280
x84	-4.5138	-6.2691	-2.2294
y84	3.2047	-5.3699	-0.6470
z84	-2.1228	-4.6105	-5.5126
x85	-3.6743	-4.0605	-0.7934
y85	0.9936	-6.3185	-0.7979
z85	-1.4504	-3.6872	-5.7424
x86	-3.2696	-3.4413	-0.4487
y86	-0.7478	-6.0941	-0.1971
z86	-0.5909	-2.3288	-5.6761
x87	-2.7096	-4.4499	-0.6351
y87	-1.2876	-3.9106	1.1147
z87	0.6304	-2.2528	-6.0155
x88	-3.1614	-3.4748	0.0419
y88	0.2157	-3.8287	1.8006
z88	0.9050	-1.2600	-5.7613
x89	-3.4102	-3.5309	0.1927
y89	0.5086	-1.8646	3.1297
z89	0.9400	-0.5670	-5.1441
x90	-3.0682	-3.5431	0.0083
y90	0.0151	0.2277	4.5064
z90	2.0881	-0.3482	-5.4791
x91	-2.6240	-1.9952	1.7904
y91	-0.4344	-0.6897	2.8282
z91	2.1388	-0.0555	-5.1277
x92	-3.1396	-1.7684	1.9668
y92	1.3705	-0.2979	2.4018
z92	1.9067	0.9433	-4.3336

x93	-2.6505	-0.6969	2.3064
y93	2.1938	-0.4542	1.4563
z93	2.0049	1.8219	-3.7511
x94	-2.7873	-0.4484	1.9227
y94	2.7095	-0.7604	1.7702
z94	1.5900	1.6904	-4.3426
x95	-2.3263	-0.8852	1.7602
y95	2.6596	-0.8238	1.5860
z95	1.5206	0.8381	-3.9877
x96	-1.8091	-0.1536	1.6279
y96	2.1036	-1.8884	1.4472
z96	1.7561	2.0527	-3.4097
x97	-1.7068	0.5524	1.5556
y97	2.1464	-2.3706	1.5773
z97	0.6833	2.6337	-3.1647
x98	-1.1335	0.4671	0.6567
y98	1.9651	-3.1325	1.8173
z98	-0.5154	2.7440	-3.3017
x99	0.0381	0.7600	0.0166
y99	0.9384	-3.5224	2.1112
z99	-0.7319	3.3894	-3.0576
x100	0.8369	1.4841	-0.2956
y100	-0.3362	-3.6916	2.4597
z100	-2.0383	5.0099	-2.0683
x101	1.9680	1.2372	-1.0932
y101	-1.8063	-4.0022	2.8737
z101	-3.2449	4.3646	-2.0486
x102	3.8148	1.0381	-2.0404

y102	-3.6170	-4.2931	3.4888
z102	-3.2509	4.1548	-1.7112
x103	4.4519	0.4085	-2.9576
y103	-2.5882	-4.5044	2.6123
z103	-3.7315	3.9922	-1.5572
x104	4.8450	-0.0227	-3.6369
y104	-1.4529	-4.5465	1.6289
z104	-2.8706	4.4748	-1.4274
x105	4.3748	-0.4775	-3.9908
y105	-1.0215	-4.3398	0.9630
z105	-3.4117	4.5483	-0.4395
x106	3.4846	-1.3942	-3.6008
y106	-1.5277	-4.3164	0.5250
z106	-4.4184	4.0305	1.2236
x107	3.0264	-2.1121	-4.0237
y107	-2.4165	-3.2348	0.5209
z107	-4.2782	4.6831	2.6810
x108	3.6085	-2.9930	-4.8165
y108	-2.2938	-2.7058	-0.1740
z108	-2.5903	4.8664	3.6747
x109	3.1615	-3.4946	-5.3775
y109	-3.1574	-2.4150	-2.1511
z109	-2.5869	5.6589	4.4138
x110	1.5422	-3.1085	-3.9481
y110	-6.0161	-0.1722	-0.7757
z110	-2.1991	6.5515	6.5452
x111	0.9250	-3.3586	-3.3454
y111	-7.1400	0.8455	-0.8056

z111	-1.1340	7.1026	7.9003
x112	0.5221	-3.3433	-2.8525
y112	-8.4174	2.9391	-0.2336
z112	0.8852	5.6387	5.6715
x113	1.0619	-4.3957	-3.2171
y113	-7.5270	1.4744	-1.2642
z113	2.8360	5.1319	4.1382
x114	-0.1303	-4.5858	-5.5688
y114	-7.7125	2.1055	-2.9885
z114	4.3397	3.7428	3.2009
x115	-0.6416	-4.9920	-6.1306
y115	-6.7189	1.7021	-3.1580
z115	5.3794	2.7907	2.6475
x116	-0.0249	-3.4121	-3.3694
y116	-5.0068	2.5390	-2.5478
z116	5.9381	0.9608	0.9646
x117	-1.8224	-2.8724	-4.6739
y117	-3.2731	3.1047	-2.0881
z117	6.8753	-0.1799	1.9149
x118	-1.8596	-1.7300	-3.2067
y118	-0.7033	3.3755	-0.9728
z118	5.5785	-1.2864	1.9494
x119	-2.8897	-1.5542	-0.8999
y119	2.2069	4.8788	0.7113
z119	3.4276	-1.6863	0.4381
x120	-4.9969	1.2222	1.0150
y120	7.5343	4.0636	0.9971
z120	2.3909	-4.3462	-0.8881

x121	-1.5530	2.1545	1.6558
y121	8.1170	2.8946	0.8288
z121	3.4628	-6.5424	-1.8661
x122	0.4662	2.9580	3.4599
y122	8.7138	1.3802	-0.3667
z122	4.4540	-7.8942	-3.4118
x123	1.0336	2.8167	4.2811
y123	9.9253	0.0278	-1.2692
z123	5.7528	-8.5165	-4.7457
x124	2.2305	2.5824	4.4705
y124	9.6827	-1.5842	-1.8497
z124	5.5088	-9.2293	-5.4897
x125	1.7680	2.2880	3.9803
y125	10.0118	-3.1053	-2.0135
z125	5.8231	-9.8739	-5.8968
x126	0.0723	2.2742	3.2200
y126	10.4161	-5.5707	-2.3819
z126	5.8959	-10.9799	-6.6347
x127	-1.4718	0.3155	2.1693
y127	9.3115	-6.1180	-2.2211
z127	4.0078	-9.8545	-6.8407
x128	-2.0149	-3.9729	-0.1063
y128	5.2616	-3.8064	-0.4454
z128	-0.0614	-6.2805	-5.5860
x129	-6.0789	3.4297	2.4717
y129	2.8428	0.9994	-2.2165
z129	-10.8558	0.4419	1.4354
x130	-4.9970	2.8633	2.0779

y130	-0.7504	2.0544	-3.6150
z130	-7.0274	-0.2424	-0.2476
x131	-4.4762	3.3152	3.2572
y131	-5.2976	5.3737	-3.3931
z131	-2.8065	-1.7501	-1.4333
x132	-4.0079	2.5971	3.8452
y132	-6.4006	3.0690	-3.9649
z132	-2.7515	1.4111	-1.5798
x133	-1.7349	1.9608	5.1568
y133	-4.3952	1.0457	-2.8101
z133	-2.9100	3.6699	-1.7353
x134	-0.2915	1.3890	5.4828
y134	-5.9367	1.4375	-2.3934
z134	-1.6890	3.4626	-1.8797
x135	0.8066	0.6654	5.0637
y135	-7.6424	3.0990	-1.5081
z135	0.1146	2.7543	-1.2593
x136	2.2738	-0.1870	4.9339
y136	-6.6026	2.8376	-1.3436
z136	0.7915	1.9980	-0.5344
x137	3.5273	-0.9272	5.3909
y137	-6.1307	3.0460	0.4100
z137	0.9687	0.9177	-0.0920
x138	4.6426	-1.6787	5.8185
y138	-5.1867	3.2458	2.6151
z138	0.9640	-0.8939	0.3802
x139	4.0748	-2.3818	4.4805
y139	-5.0638	4.4765	3.6679

z139	-0.5133	-2.0753	-0.7815
x140	3.4881	-3.4093	3.5792
y140	-5.3524	3.8555	3.7683
z140	-0.9674	-2.5065	-1.6134
x141	2.6224	-1.9523	3.1056
y141	-5.1026	5.8574	4.1184
z141	-1.4188	-5.4604	-3.0807
x142	2.0508	-1.5074	2.2253
y142	-4.7294	5.8532	3.2817
z142	-1.7512	-5.8124	-2.2452
x143	2.1814	-1.8077	1.9923
y143	-3.2862	4.6482	3.1064
z143	-3.3308	-3.8547	-1.3571
x144	2.0706	-1.2340	1.6699
y144	-3.5317	4.6042	2.4626
z144	-3.4301	-2.6533	-0.3735
x145	1.2513	0.2410	2.5100
y145	-4.1001	5.5717	2.9564
z145	-3.0727	-3.0881	-1.6880
x146	0.9184	1.7136	1.9547
y146	-4.8639	6.4210	2.6435
z146	-2.1198	-1.9298	0.3002
x147	1.3353	3.3811	2.3299
y147	-4.8787	6.8195	2.4086
z147	-2.7110	-1.4053	0.6551
x148	0.7458	3.9770	2.1696
y148	-4.0028	5.3427	1.9499
z148	-3.1774	-0.4583	0.7363

x149	0.2645	4.5960	1.8106
y149	-2.9842	4.2263	1.8418
z149	-3.3570	-0.5689	0.0415
x150	-0.0721	5.1885	1.7525
y150	-2.1932	3.5143	1.7450
z150	-3.3318	-0.2605	-0.1261
x151	-0.1197	5.7748	1.3626
y151	-1.5991	2.8880	1.4480
z151	-3.4512	-0.9630	-1.1159
x152	-0.2819	6.2223	1.1079
y152	-0.8986	3.1006	1.7194
z152	-3.3479	-0.9998	-1.1727
x153	-0.7075	7.7765	0.9591
y153	-0.5141	3.4689	1.8212
z153	-2.4655	-2.6224	-1.2135
x154	-1.2767	8.8752	0.8508
y154	-0.8185	4.3546	2.2343
z154	-1.5496	-3.8856	-1.5473
x155	-0.7122	8.4891	0.4208
y155	-0.7424	5.5414	2.3941
z155	-1.6021	-3.6634	-1.7474
x156	-0.5909	10.3966	1.8548
y156	-1.2162	4.3652	-2.8459
z156	-0.6543	-4.9114	-1.2163
x157	0.1484	7.7669	1.1738
y157	-0.5529	1.5793	-1.9625
z157	-0.9530	-1.1091	0.9916
x158	1.2416	6.3379	2.1468

y158	-0.2477	-1.3859	-2.5074
z158	-1.4161	0.7947	1.0127
x159	1.7233	4.5573	1.1646
y159	0.3312	-3.1471	-1.6900
z159	-1.7236	2.8202	3.1707
x160	1.3074	4.6934	0.7964
y160	-0.0098	-4.7741	-1.7028
z160	-2.2389	3.3771	3.7802
x161	1.5148	3.8974	0.1166
y161	-0.7561	-5.8706	-1.1950
z161	-3.1493	3.9951	4.0560
x162	2.7776	3.5117	-1.4466
y162	-1.9811	-7.2908	-1.2776
z162	-3.6311	3.2842	3.1685
x163	1.2054	3.4734	-2.0042
y163	-3.1681	-6.7074	0.0573
z163	-4.3408	3.8831	2.8111
x164	-0.6874	2.8733	-0.7568
y164	-4.8032	-6.3252	-0.2875
z164	-5.7427	4.1476	1.7594
x165	-2.9910	0.8282	-0.5726
y165	-5.8279	-4.4752	-0.8139
z165	-6.7142	3.3496	0.2280
x166	2.1889	-1.5650	-2.6283
y166	0.3464	-7.3129	-3.2580
z166	-4.2231	-1.8505	0.4341
x167	3.3598	-0.2791	-1.8330
y167	1.5500	-6.7717	-2.7291

z167	-4.0760	-1.0977	-0.1242
x168	2.4766	1.0947	-0.8486
y168	2.6991	-6.1685	-3.1683
z168	-2.9357	-0.0788	0.1435
x169	1.3082	1.5792	-0.3525
y169	3.9971	-5.8038	-3.5681
z169	-1.7014	1.0381	0.5406
x170	1.1895	2.2540	-0.3586
y170	4.3190	-5.7324	-4.0534
z170	-1.0773	1.1915	-0.0528
x171	1.9973	1.2704	-0.9673
y171	3.6835	-4.4491	-3.4984
z171	-0.3177	1.6567	-0.0488
x172	1.9605	1.7802	-0.8524
y172	3.3919	-4.3119	-3.0422
z172	0.2408	1.8890	-0.3175
x173	0.7405	2.0234	-0.3672
y173	3.5078	-4.6803	-3.5088
z173	0.5439	2.7331	-0.4491
x174	-0.0488	1.0268	-0.4111
y174	3.4513	-4.6653	-3.2136
z174	0.9504	3.3175	-0.3630
x175	0.4910	-0.7992	-0.2209
y175	0.9363	-2.6967	-2.9397
z175	2.4643	2.4777	-0.1921
x176	0.4754	-2.0211	-0.5333
y176	1.1132	-3.2055	-2.0306
z176	2.0321	1.9763	-0.5140

x177	0.4856	-2.9602	-0.2874
y177	0.7946	-3.3658	-1.0727
z177	1.7862	1.2986	-0.8242
x178	0.7110	-3.6364	0.9920
y178	0.0892	-3.1806	-0.9486
z178	1.6997	0.6332	-1.1606
x179	0.4278	-4.0838	2.3459
y179	0.0350	-2.9545	-0.6861
z179	1.4829	0.2474	-1.3884
x180	-0.7248	-4.5063	2.7373
y180	1.0442	-2.7613	0.2998
z180	1.1304	-0.0996	-1.8358
x181	-1.0657	-4.6059	4.6996
y181	0.4304	-1.9725	-0.0601
z181	0.9248	-0.2613	-1.5757
x182	-1.2418	-3.7470	6.8239
y182	-1.0026	-1.9581	-0.3392
z182	1.0232	-0.2935	-1.3898
x183	-1.9199	-2.8775	8.9137
y183	-1.7067	-1.6903	-0.4027
z183	0.8854	-0.0942	-1.0316
x184	-3.6068	-6.1963	0.7237
y184	-1.4066	-1.0382	-0.6939
z184	0.8683	-0.5082	-2.3416
x185	-2.4335	-4.8231	1.6609
y185	-1.0858	0.4865	0.0146
z185	0.6287	-0.3781	-0.7566
x186	-1.2971	-3.4104	2.4662

y186	-2.0554	1.9925	0.9636
z186	0.5690	-0.3744	0.8373
x187	-0.6874	-2.2664	2.9322
y187	-3.0981	3.0328	2.1916
z187	0.8140	-0.0001	2.3510
x188	-0.4837	-1.5275	2.7542
y188	-2.7897	2.0392	1.7385
z188	1.1135	-0.3657	2.0030
x189	-0.4841	-1.0411	1.9903
y189	-1.9155	1.9307	1.8494
z189	1.8352	-0.6372	1.4089
x190	-0.0278	-0.5394	1.3457
y190	0.3991	2.1836	2.7056
z190	2.4465	-0.3969	1.3600
x191	-1.6316	-0.7771	-0.9231
y191	-0.4414	2.0611	2.9878
z191	1.6293	-0.7120	-0.5643
x192	-2.6145	-0.6091	-1.8782
y192	0.4562	1.9928	5.3815
z192	1.5527	-0.3866	-1.0838
x193	-3.9661	-1.6350	-5.0792
y193	2.0818	0.4567	6.5267
z193	0.6650	-0.3465	-3.0457
x194	-1.6376	-1.4072	-2.9033
y194	2.7110	-0.9512	6.4772
z194	1.0283	1.9591	-0.0119
x195	-1.1932	-1.3159	-1.7645
y195	1.3367	-1.8123	5.4493

z195	0.9639	3.5782	1.5655
x196	0.2377	-1.1867	-1.6481
y196	1.1100	-3.0025	3.5536
z196	0.9302	4.8217	2.8008
x197	0.6648	-0.5325	-1.4926
y197	0.1892	-3.4255	2.6862
z197	0.9187	5.6961	3.6961
x198	0.9191	-1.0316	-1.3883
y198	-0.0636	-5.6004	1.4677
z198	0.0185	5.4463	3.2894
x199	1.4044	-0.6155	-1.7420
y199	-0.9583	-6.5787	0.2287
z199	-1.1987	4.6741	1.6867
x200	2.7116	-1.7831	-2.2905
y200	-1.1514	-8.6773	-0.6407
z200	-1.8437	1.5719	-1.1952
x201	3.3462	-0.1459	-3.7729
y201	-1.7220	-7.1349	-0.8396
z201	-1.8689	0.4548	-5.8512
x202	5.1069	2.1034	-2.7570
y202	-2.6111	-5.8913	-0.2743
z202	-2.0375	-1.2248	-8.0849
x203	3.4002	4.1884	0.9061
y203	-2.2963	-5.4907	2.8203
z203	-3.0777	3.0995	-3.3366
x204	0.1829	2.6127	1.4820
y204	-2.9815	-6.1896	4.1058
z204	-3.2843	6.7441	-0.2068

x205	-1.9226	0.1763	0.3543
y205	-3.2190	-6.1732	5.6803
z205	-4.7637	7.0858	-0.2783
x206	-2.2651	-0.8340	-0.0984
y206	-2.5178	-5.4768	6.7163
z206	-5.7381	4.5816	-1.7664
x207	-2.0552	-1.1762	-0.1448
y207	-2.3635	-5.2762	6.2240
z207	-5.4099	3.0993	-0.9758
x208	-1.0159	-0.6942	-0.1655
y208	-2.5853	-4.4897	5.0153
z208	-3.9809	1.0392	-0.0947
x209	-0.1299	-0.8709	-1.7253
y209	-3.6702	-4.6706	1.9528
z209	0.7035	1.8598	3.6730
x210	1.7549	-1.4941	-3.5336
y210	-4.5232	-5.2962	-1.8430
z210	4.2288	3.1980	5.7634
x211	7.4962	-2.0317	-0.5381
y211	-3.9077	-5.4281	-4.2173
z211	6.4586	3.9341	3.6988
x212	4.0062	-1.0328	-0.0972
y212	-0.4151	-5.7817	-3.7058
z212	5.2866	5.5302	4.2704
x213	0.6997	0.0023	0.4686
y213	2.3495	-5.0509	-2.8449
z213	4.7498	5.8158	4.0910
x214	-2.0382	0.9018	0.5812

y214	4.3315	-4.2854	-1.7960
z214	4.2064	5.6091	3.7131
x215	-4.2582	1.6822	0.3663
y215	5.2734	-4.1075	-1.3230
z215	3.7361	5.1135	3.7263
x216	-4.4670	1.5345	-0.4786
y216	5.5179	-5.1256	-2.7094
z216	2.1868	5.1056	4.6188
x217	-3.7556	0.2995	-1.2508
y217	5.7567	-5.7460	-2.7228
z217	0.1256	4.6196	3.8781
x218	-1.3212	-0.3058	-4.1875
y218	3.8182	-6.8422	-3.8001
z218	-2.2348	3.1677	4.5976
x219	0.3034	-1.4891	-3.6234
y219	2.3381	-6.5206	-2.8942
z219	-3.4234	1.2920	2.1548
x220	-1.8301	-6.4897	1.6879
y220	-1.4447	1.2279	0.3812
z220	0.0054	2.8729	1.2539
x221	-1.1343	-3.9536	2.9362
y221	1.7870	2.6329	-0.8894
z221	-2.2329	0.6472	0.2185
x222	-0.2436	-0.6385	4.2750
y222	4.3814	3.4567	-1.9816
z222	-3.9748	-0.8261	-0.5933
x223	1.4892	0.3313	4.0436
y223	6.1459	4.0575	-2.6546

z223	-3.9833	-3.0991	-1.7018
x224	2.5450	0.2815	3.1080
y224	7.2368	4.4067	-2.8858
z224	-3.3873	-5.2443	-2.7096
x225	2.3296	0.1616	2.9422
y225	7.3577	4.7324	-2.4581
z225	-3.5185	-6.0978	-2.4845
x226	1.2310	2.3307	3.5420
y226	6.8459	4.7412	-1.7080
z226	-3.8093	-4.2783	-1.7692
x227	-0.1343	3.1576	4.8036
y227	5.1376	4.4088	-0.6307
z227	-3.6092	-3.3938	-0.3215
x228	-0.5765	3.3852	5.3293
y228	2.5360	3.8003	0.7896
z228	-1.5851	-2.3035	0.6172
x229	-1.7113	2.0077	5.1922
y229	-0.4987	2.9747	2.3809
z229	0.4402	-1.6864	1.1005
x230	-2.7320	0.6466	4.6332
y230	-1.6037	2.0393	2.1830
z230	1.1895	-2.3983	1.2639
x231	-3.1925	-0.0759	4.0326
y231	-2.6014	1.3101	2.1174
z231	1.8874	-2.6940	1.4987
x232	-3.8142	-0.4674	2.8693
y232	-2.8733	0.6515	2.2531
z232	2.2126	-2.4942	0.9124

x233	-3.5325	-1.0181	2.1105
y233	-3.6236	1.0550	2.5778
z233	3.4919	-3.0367	1.1932
x234	-4.1685	-0.8777	1.6405
y234	-2.7667	0.6473	2.7047
z234	3.4832	-2.6978	1.4512
x235	-4.7397	-0.4600	1.9256
y235	-2.0273	0.7235	2.4381
z235	2.3314	-2.4247	2.0817
x236	-4.7085	0.1501	1.4924
y236	-0.9289	1.3189	2.7370
z236	1.1665	-2.3448	1.2797
x237	-3.9563	1.0912	2.2246
y237	-0.3421	1.9490	2.3611
z237	0.5352	-2.3511	1.9037
x238	-3.2272	2.6349	2.3145
y238	0.4782	2.2647	2.4137
z238	0.0125	-1.5085	2.0497
x239	-2.3210	2.0408	0.5769
y239	0.7121	0.9491	0.6420
z239	-0.7539	0.2955	3.1965
x240	-1.6103	1.2265	-0.9952
y240	1.2354	0.0388	-0.3196
z240	-1.3200	0.4343	3.1365
x241	-0.4586	0.3465	-2.3800
y241	1.3463	-0.3861	-0.5800
z241	-0.5198	-0.0367	3.0497
x242	0.3100	-0.0818	-3.1659

y242	1.2017	-0.4974	-0.2657
z242	0.4337	-0.5011	2.3688
x243	0.5774	-0.5437	-3.6803
y243	0.6382	-0.3845	-1.2687
z243	1.4935	-1.7517	2.5135
x244	1.0766	-0.5036	-3.8779
y244	1.5209	-0.5132	-1.1744
z244	-0.0336	-2.2022	1.8052
x245	1.4959	-0.3816	-3.5378
y245	2.0270	-1.3125	0.0663
z245	-0.2050	-0.6662	1.6896
x246	1.4375	0.0538	-2.8228
y246	1.6875	-1.3791	0.7368
z246	0.2614	-0.8879	1.2584
x247	1.1818	1.0458	-1.8493
y247	2.0007	-1.2038	1.2419
z247	1.3933	-1.4433	1.4137
x248	0.3921	0.2062	-0.5300
y248	2.7476	-1.9349	1.1006
z248	1.2898	-0.5895	1.6300
x249	-0.9544	-0.3393	0.4700
y249	2.5423	-2.0617	0.7598
z249	1.2960	-0.1160	2.0970
x250	-0.8070	-0.6077	1.2848
y250	2.8655	-1.8264	0.3577
z250	0.7493	-0.2112	2.3342
x251	-2.1858	0.0512	1.9191
y251	3.3525	-0.3503	1.5666

z251	1.8153	-1.5262	1.8147
x252	-3.3732	-0.6321	1.2514
y252	3.9344	-1.6672	-0.4187
z252	3.0280	0.0245	3.7768
x253	-2.8156	-1.6703	0.4504
y253	6.0224	-3.2064	-1.1974
z253	1.4044	2.0182	5.1190
x254	-4.9864	-0.4571	0.1880
y254	3.2857	-1.2042	-2.9004
z254	6.2081	-2.1693	5.5246
x255	-5.3660	-0.0860	-0.7787
y255	6.1166	-4.4222	-4.2245
z255	6.1375	-2.1925	6.0629
x256	-5.9928	-0.1515	-1.5012
y256	9.0197	-8.4218	-5.3688
z256	4.6103	1.9998	7.5500

Phylogenetic mapping

Dataset: PC scores, CovMatrix, RawData_Canals, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_RawData_Canals

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.18297160

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.3172

New Procrustes fit:

Dataset 'RawData_Cochlea'

451 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.05875648	-0.01809940	-0.04727473
2	0.05950656	-0.01781897	-0.04513472
3	0.05968610	-0.01724646	-0.04305663
4	0.05964191	-0.01652488	-0.04119168
5	0.05930978	-0.01563610	-0.03949481
6	0.05876729	-0.01456846	-0.03793626
7	0.05781001	-0.01331859	-0.03652407
8	0.05653028	-0.01188413	-0.03523667
9	0.05493079	-0.01025447	-0.03412231
10	0.05304826	-0.00843945	-0.03310384
11	0.05043394	-0.00672344	-0.03207373
12	0.04815107	-0.00524367	-0.03140401
13	0.04603509	-0.00403006	-0.03109760
14	0.04402543	-0.00312050	-0.03109524
15	0.04211920	-0.00248203	-0.03144480
16	0.04027336	-0.00211624	-0.03208873
17	0.03851279	-0.00193332	-0.03310863
18	0.03671984	-0.00221234	-0.03438016
19	0.03515799	-0.00293627	-0.03605470
20	0.03396486	-0.00382665	-0.03795886
21	0.03327605	-0.00481231	-0.03985056
22	0.03307297	-0.00585436	-0.04166643
23	0.03317387	-0.00684225	-0.04348221
24	0.03372621	-0.00787471	-0.04521150
25	0.03467209	-0.00898097	-0.04692866

26	0.03606029	-0.01009407	-0.04865862
27	0.03784298	-0.01127554	-0.05035690
28	0.04007422	-0.01246639	-0.05196686
29	0.04270101	-0.01359173	-0.05346019
30	0.04527090	-0.01486714	-0.05466801
31	0.04768296	-0.01553877	-0.05468406
32	0.04985434	-0.01621761	-0.05461725
33	0.05186820	-0.01679814	-0.05415363
34	0.05379894	-0.01732175	-0.05323094
35	0.05568217	-0.01779367	-0.05183948
36	0.05738955	-0.01809261	-0.04978138
37	0.00859699	-0.02892708	0.04737865
38	0.00842969	-0.02855869	0.05201675
39	0.00798110	-0.02611407	0.05646372
40	0.00762536	-0.02344272	0.05858491
41	0.00741100	-0.02124965	0.05949471
42	0.00718933	-0.01919827	0.05976784
43	0.00697328	-0.01697931	0.05924305
44	0.00660010	-0.01414415	0.05792216
45	0.00591316	-0.01133278	0.05712702
46	0.00559193	-0.00957491	0.05692392
47	0.00566821	-0.00834384	0.05949669
48	0.00552394	-0.00667725	0.06117158
49	0.00539281	-0.00510738	0.06181985
50	0.00516821	-0.00352925	0.06205020
51	0.00483628	-0.00182753	0.06196133
52	0.00437512	0.00020539	0.06133248
53	0.00377981	0.00271812	0.05963215

54	0.00317498	0.00490672	0.05621800
55	0.00268980	0.00567044	0.05223369
56	-0.04503205	-0.03027835	0.00476595
57	-0.04878295	-0.03059037	0.00513019
58	-0.05283780	-0.02944751	0.00551914
59	-0.05519029	-0.02761668	0.00562870
60	-0.05632175	-0.02582121	0.00571292
61	-0.05679366	-0.02394572	0.00570346
62	-0.05657725	-0.02165760	0.00561874
63	-0.05634218	-0.01905552	0.00551999
64	-0.05607560	-0.01601822	0.00541637
65	-0.05604350	-0.01377830	0.00518814
66	-0.05850653	-0.01249059	0.00549231
67	-0.06000595	-0.01085133	0.00568070
68	-0.06072515	-0.00919905	0.00579511
69	-0.06099497	-0.00746742	0.00586400
70	-0.06085541	-0.00555226	0.00589542
71	-0.06024401	-0.00328120	0.00588271
72	-0.05863583	-0.00060672	0.00577886
73	-0.05560185	0.00194238	0.00554080
74	-0.05179671	0.00331205	0.00525487
75	-0.01474661	-0.02398667	-0.03176479
76	-0.01524024	-0.02390536	-0.03492769
77	-0.01596323	-0.02275852	-0.03801649
78	-0.01668238	-0.02104614	-0.04013618
79	-0.01725181	-0.01934893	-0.04141236
80	-0.01772469	-0.01760220	-0.04211443
81	-0.01814079	-0.01567880	-0.04225433

82	-0.01854674	-0.01353129	-0.04236675
83	-0.01891068	-0.01124937	-0.04270429
84	-0.01918877	-0.00920936	-0.04315120
85	-0.01993759	-0.00784790	-0.04492120
86	-0.02051174	-0.00634967	-0.04595995
87	-0.02097462	-0.00480043	-0.04654848
88	-0.02134046	-0.00314149	-0.04668655
89	-0.02164571	-0.00125474	-0.04647867
90	-0.02191228	0.00104727	-0.04576121
91	-0.02207250	0.00378802	-0.04398393
92	-0.02191802	0.00621917	-0.04071218
93	-0.02138646	0.00754433	-0.03680603
94	-0.00397454	0.00111820	0.01784967
95	-0.00392267	0.00429602	0.02145091
96	-0.00391394	0.00801336	0.02374147
97	-0.00404054	0.01140496	0.02475348
98	-0.00422459	0.01416817	0.02512562
99	-0.00443981	0.01646406	0.02504260
100	-0.00468492	0.01856564	0.02432807
101	-0.00502134	0.02057637	0.02264536
102	-0.00545159	0.02210975	0.01971434
103	-0.00592113	0.02248551	0.01613227
104	-0.02778488	0.00435659	0.00034997
105	-0.03154908	0.00627548	0.00037406
106	-0.03433791	0.00869542	0.00039362
107	-0.03595835	0.01112855	0.00037774
108	-0.03668274	0.01330687	0.00034489
109	-0.03674432	0.01525053	0.00029563

110	-0.03625228	0.01714811	0.00026031
111	-0.03500478	0.01910034	0.00022096
112	-0.03273565	0.02094160	0.00013896
113	-0.02953172	0.02216112	0.00000090
114	-0.01677290	0.00678137	-0.01556530
115	-0.01786722	0.00908153	-0.01876935
116	-0.01879697	0.01126323	-0.02134634
117	-0.01952649	0.01342434	-0.02301227
118	-0.02002137	0.01547352	-0.02377947
119	-0.02032681	0.01738055	-0.02387363
120	-0.02049327	0.01928208	-0.02338773
121	-0.02047204	0.02130108	-0.02199220
122	-0.02014246	0.02315262	-0.01942265
123	-0.01954407	0.02418927	-0.01603655
124	0.06976936	-0.02196048	-0.00645618
125	0.06457626	-0.02036800	-0.00587592
126	0.05957642	-0.01915463	-0.00404665
127	0.05414252	-0.01836640	-0.00282618
128	0.04971721	-0.01716659	-0.00067832
129	0.04710394	-0.01553767	0.00294855
130	0.04499355	-0.01383645	0.00667526
131	0.04227549	-0.01247304	0.01073743
132	0.03910064	-0.01163616	0.01514705
133	0.03585908	-0.01167423	0.01903185
134	0.03338563	-0.01200755	0.02151630
135	0.03075641	-0.01238438	0.02381440
136	0.02794107	-0.01286289	0.02583972
137	0.02495806	-0.01346025	0.02754563

138	0.02193004	-0.01401989	0.02908854
139	0.01867873	-0.01475568	0.03035187
140	0.01518949	-0.01554934	0.03134339
141	0.01152691	-0.01648276	0.03196873
142	0.00777581	-0.01742989	0.03238781
143	0.00077867	-0.01830411	0.03202738
144	-0.00563850	-0.01893902	0.03091012
145	-0.01135285	-0.01952138	0.02897376
146	-0.01665086	-0.01998522	0.02638472
147	-0.02132310	-0.02017593	0.02325948
148	-0.02545941	-0.02027871	0.01946458
149	-0.02892543	-0.02026960	0.01497454
150	-0.03211188	-0.01976737	0.00963542
151	-0.03373844	-0.01978682	0.00371274
152	-0.03366933	-0.01954108	-0.00084210
153	-0.03299394	-0.01926409	-0.00504537
154	-0.03167370	-0.01896088	-0.00881936
155	-0.02994159	-0.01874046	-0.01209294
156	-0.02775709	-0.01843623	-0.01493975
157	-0.02507228	-0.01802567	-0.01738241
158	-0.02193837	-0.01754301	-0.01956271
159	-0.01824680	-0.01706282	-0.02121042
160	-0.01407006	-0.01664464	-0.02222784
161	-0.01053108	-0.01584086	-0.02258193
162	-0.00722696	-0.01501262	-0.02230502
163	-0.00420110	-0.01413540	-0.02169681
164	-0.00145361	-0.01316796	-0.02063418
165	0.00093694	-0.01224016	-0.01922339

166	0.00320811	-0.01100822	-0.01751665
167	0.00514081	-0.00972988	-0.01537512
168	0.00680022	-0.00846239	-0.01278229
169	0.00812937	-0.00727546	-0.00971743
170	0.00864497	-0.00574151	-0.00676362
171	0.00859270	-0.00451869	-0.00392323
172	0.00794540	-0.00374826	-0.00127234
173	0.00698078	-0.00284612	0.00106020
174	0.00561225	-0.00201377	0.00314176
175	0.00380633	-0.00122199	0.00493864
176	0.00160436	-0.00047769	0.00656458
177	-0.00107229	0.00017029	0.00795631
178	-0.00436878	0.00044713	0.00883418
179	-0.00760516	0.00245962	0.00919418
180	-0.01058943	0.00312375	0.00837514
181	-0.01295489	0.00363264	0.00739295
182	-0.01491814	0.00390928	0.00605581
183	-0.01643758	0.00408361	0.00454308
184	-0.01767390	0.00454971	0.00270526
185	-0.01875824	0.00493274	0.00038929
186	-0.01896603	0.00453109	-0.00223217
187	-0.01868093	0.00392403	-0.00493385
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189	-0.01502549	0.00634650	-0.00766541
190	-0.01306928	0.00668082	-0.00835869
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197	0.04716893	-0.03019208	0.04258462
198	0.04690613	-0.02798571	0.04235692
199	0.04567665	-0.02612694	0.04219905
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203	0.03059855	-0.02499476	0.04403459
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206	0.00859699	-0.02892708	0.04737865
207	-0.00058331	-0.02964538	0.04594189
208	-0.00904635	-0.02991617	0.04369480
209	-0.01665866	-0.03029230	0.04062384
210	-0.02343649	-0.03059189	0.03661373
211	-0.02940225	-0.03052544	0.03196073
212	-0.03456216	-0.03064415	0.02633833
213	-0.03887997	-0.03062025	0.02000118
214	-0.04241885	-0.03041687	0.01277264
215	-0.04503205	-0.03027835	0.00476595
216	-0.04436532	-0.02986514	-0.00169501
217	-0.04300523	-0.02948432	-0.00758389
218	-0.04093755	-0.02899600	-0.01286185
219	-0.03820312	-0.02855572	-0.01751267
220	-0.03491365	-0.02794029	-0.02153303
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225	-0.00942978	-0.02237200	-0.03175068
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227	0.00000579	-0.01933200	-0.02999333
228	0.00402161	-0.01792203	-0.02827144
229	0.00753759	-0.01639421	-0.02603582
230	0.01062540	-0.01484550	-0.02316545
231	0.01322727	-0.01324483	-0.01973878
232	0.01535886	-0.01147020	-0.01579944
233	0.01687509	-0.00935118	-0.01140978
234	0.01714321	-0.00717530	-0.00622245
235	0.01673253	-0.00524023	-0.00151473
236	0.01571609	-0.00363362	0.00273760
237	0.01406844	-0.00242600	0.00655600
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239	0.00885233	-0.00068304	0.01269660
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271	0.07047745	-0.01674487	-0.01520681
272	0.07067633	-0.01375873	-0.01605792
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274	0.07011584	-0.00797539	-0.01664529
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283	0.06290251	0.01487832	-0.00279295
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285	0.06127734	0.01759418	0.00337848
286	0.06049848	0.01846772	0.00678150
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291	0.05571417	0.01785683	0.02588571
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296	0.04694110	0.01226780	0.04329854
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348	-0.03110919	0.01479510	0.01449509
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383	0.04337054	0.02190944	0.02785561
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385	0.03856419	0.01930158	0.03510282
386	0.03565303	0.01758126	0.03863472
387	0.03233177	0.01576045	0.04216876
388	0.02861779	0.01382951	0.04565125
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449	-0.00654184	0.02414265	-0.00901736
450	-0.00587407	0.02181715	-0.00693301
451	-0.00606275	0.01897512	-0.00595777

Procrustes sums of squares: 0.5450287978409385

Tangent sums of squares: 0.5343685624862355

Data matrices in this dataset:

- RawData_Cochlea, raw data
- RawData_Cochlea, centroid size
- RawData_Cochlea, Procrustes coordinates

New Procrustes fit:

Dataset 'RawData_Cochlea'

451 landmarks in 3 dimensions.

The dataset contains 32 observations, of which 32 are included for analyses.

Average shape:

Lmk.	Axis 1 (x)	Axis 2 (y)	Axis 3 (z)
1	0.05875648	-0.01809940	-0.04727473
2	0.05950656	-0.01781897	-0.04513472

3	0.05968610	-0.01724646	-0.04305663
4	0.05964191	-0.01652488	-0.04119168
5	0.05930978	-0.01563610	-0.03949481
6	0.05876729	-0.01456846	-0.03793626
7	0.05781001	-0.01331859	-0.03652407
8	0.05653028	-0.01188413	-0.03523667
9	0.05493079	-0.01025447	-0.03412231
10	0.05304826	-0.00843945	-0.03310384
11	0.05043394	-0.00672344	-0.03207373
12	0.04815107	-0.00524367	-0.03140401
13	0.04603509	-0.00403006	-0.03109760
14	0.04402543	-0.00312050	-0.03109524
15	0.04211920	-0.00248203	-0.03144480
16	0.04027336	-0.00211624	-0.03208873
17	0.03851279	-0.00193332	-0.03310863
18	0.03671984	-0.00221234	-0.03438016
19	0.03515799	-0.00293627	-0.03605470
20	0.03396486	-0.00382665	-0.03795886
21	0.03327605	-0.00481231	-0.03985056
22	0.03307297	-0.00585436	-0.04166643
23	0.03317387	-0.00684225	-0.04348221
24	0.03372621	-0.00787471	-0.04521150
25	0.03467209	-0.00898097	-0.04692866
26	0.03606029	-0.01009407	-0.04865862
27	0.03784298	-0.01127554	-0.05035690
28	0.04007422	-0.01246639	-0.05196686
29	0.04270101	-0.01359173	-0.05346019
30	0.04527090	-0.01486714	-0.05466801

31	0.04768296	-0.01553877	-0.05468406
32	0.04985434	-0.01621761	-0.05461725
33	0.05186820	-0.01679814	-0.05415363
34	0.05379894	-0.01732175	-0.05323094
35	0.05568217	-0.01779367	-0.05183948
36	0.05738955	-0.01809261	-0.04978138
37	0.00859699	-0.02892708	0.04737865
38	0.00842969	-0.02855869	0.05201675
39	0.00798110	-0.02611407	0.05646372
40	0.00762536	-0.02344272	0.05858491
41	0.00741100	-0.02124965	0.05949471
42	0.00718933	-0.01919827	0.05976784
43	0.00697328	-0.01697931	0.05924305
44	0.00660010	-0.01414415	0.05792216
45	0.00591316	-0.01133278	0.05712702
46	0.00559193	-0.00957491	0.05692392
47	0.00566821	-0.00834384	0.05949669
48	0.00552394	-0.00667725	0.06117158
49	0.00539281	-0.00510738	0.06181985
50	0.00516821	-0.00352925	0.06205020
51	0.00483628	-0.00182753	0.06196133
52	0.00437512	0.00020539	0.06133248
53	0.00377981	0.00271812	0.05963215
54	0.00317498	0.00490672	0.05621800
55	0.00268980	0.00567044	0.05223369
56	-0.04503205	-0.03027835	0.00476595
57	-0.04878295	-0.03059037	0.00513019
58	-0.05283780	-0.02944751	0.00551914

59	-0.05519029	-0.02761668	0.00562870
60	-0.05632175	-0.02582121	0.00571292
61	-0.05679366	-0.02394572	0.00570346
62	-0.05657725	-0.02165760	0.00561874
63	-0.05634218	-0.01905552	0.00551999
64	-0.05607560	-0.01601822	0.00541637
65	-0.05604350	-0.01377830	0.00518814
66	-0.05850653	-0.01249059	0.00549231
67	-0.06000595	-0.01085133	0.00568070
68	-0.06072515	-0.00919905	0.00579511
69	-0.06099497	-0.00746742	0.00586400
70	-0.06085541	-0.00555226	0.00589542
71	-0.06024401	-0.00328120	0.00588271
72	-0.05863583	-0.00060672	0.00577886
73	-0.05560185	0.00194238	0.00554080
74	-0.05179671	0.00331205	0.00525487
75	-0.01474661	-0.02398667	-0.03176479
76	-0.01524024	-0.02390536	-0.03492769
77	-0.01596323	-0.02275852	-0.03801649
78	-0.01668238	-0.02104614	-0.04013618
79	-0.01725181	-0.01934893	-0.04141236
80	-0.01772469	-0.01760220	-0.04211443
81	-0.01814079	-0.01567880	-0.04225433
82	-0.01854674	-0.01353129	-0.04236675
83	-0.01891068	-0.01124937	-0.04270429
84	-0.01918877	-0.00920936	-0.04315120
85	-0.01993759	-0.00784790	-0.04492120
86	-0.02051174	-0.00634967	-0.04595995

87	-0.02097462	-0.00480043	-0.04654848
88	-0.02134046	-0.00314149	-0.04668655
89	-0.02164571	-0.00125474	-0.04647867
90	-0.02191228	0.00104727	-0.04576121
91	-0.02207250	0.00378802	-0.04398393
92	-0.02191802	0.00621917	-0.04071218
93	-0.02138646	0.00754433	-0.03680603
94	-0.00397454	0.00111820	0.01784967
95	-0.00392267	0.00429602	0.02145091
96	-0.00391394	0.00801336	0.02374147
97	-0.00404054	0.01140496	0.02475348
98	-0.00422459	0.01416817	0.02512562
99	-0.00443981	0.01646406	0.02504260
100	-0.00468492	0.01856564	0.02432807
101	-0.00502134	0.02057637	0.02264536
102	-0.00545159	0.02210975	0.01971434
103	-0.00592113	0.02248551	0.01613227
104	-0.02778488	0.00435659	0.00034997
105	-0.03154908	0.00627548	0.00037406
106	-0.03433791	0.00869542	0.00039362
107	-0.03595835	0.01112855	0.00037774
108	-0.03668274	0.01330687	0.00034489
109	-0.03674432	0.01525053	0.00029563
110	-0.03625228	0.01714811	0.00026031
111	-0.03500478	0.01910034	0.00022096
112	-0.03273565	0.02094160	0.00013896
113	-0.02953172	0.02216112	0.00000090
114	-0.01677290	0.00678137	-0.01556530

115	-0.01786722	0.00908153	-0.01876935
116	-0.01879697	0.01126323	-0.02134634
117	-0.01952649	0.01342434	-0.02301227
118	-0.02002137	0.01547352	-0.02377947
119	-0.02032681	0.01738055	-0.02387363
120	-0.02049327	0.01928208	-0.02338773
121	-0.02047204	0.02130108	-0.02199220
122	-0.02014246	0.02315262	-0.01942265
123	-0.01954407	0.02418927	-0.01603655
124	0.06976936	-0.02196048	-0.00645618
125	0.06457626	-0.02036800	-0.00587592
126	0.05957642	-0.01915463	-0.00404665
127	0.05414252	-0.01836640	-0.00282618
128	0.04971721	-0.01716659	-0.00067832
129	0.04710394	-0.01553767	0.00294855
130	0.04499355	-0.01383645	0.00667526
131	0.04227549	-0.01247304	0.01073743
132	0.03910064	-0.01163616	0.01514705
133	0.03585908	-0.01167423	0.01903185
134	0.03338563	-0.01200755	0.02151630
135	0.03075641	-0.01238438	0.02381440
136	0.02794107	-0.01286289	0.02583972
137	0.02495806	-0.01346025	0.02754563
138	0.02193004	-0.01401989	0.02908854
139	0.01867873	-0.01475568	0.03035187
140	0.01518949	-0.01554934	0.03134339
141	0.01152691	-0.01648276	0.03196873
142	0.00777581	-0.01742989	0.03238781

143	0.00077867	-0.01830411	0.03202738
144	-0.00563850	-0.01893902	0.03091012
145	-0.01135285	-0.01952138	0.02897376
146	-0.01665086	-0.01998522	0.02638472
147	-0.02132310	-0.02017593	0.02325948
148	-0.02545941	-0.02027871	0.01946458
149	-0.02892543	-0.02026960	0.01497454
150	-0.03211188	-0.01976737	0.00963542
151	-0.03373844	-0.01978682	0.00371274
152	-0.03366933	-0.01954108	-0.00084210
153	-0.03299394	-0.01926409	-0.00504537
154	-0.03167370	-0.01896088	-0.00881936
155	-0.02994159	-0.01874046	-0.01209294
156	-0.02775709	-0.01843623	-0.01493975
157	-0.02507228	-0.01802567	-0.01738241
158	-0.02193837	-0.01754301	-0.01956271
159	-0.01824680	-0.01706282	-0.02121042
160	-0.01407006	-0.01664464	-0.02222784
161	-0.01053108	-0.01584086	-0.02258193
162	-0.00722696	-0.01501262	-0.02230502
163	-0.00420110	-0.01413540	-0.02169681
164	-0.00145361	-0.01316796	-0.02063418
165	0.00093694	-0.01224016	-0.01922339
166	0.00320811	-0.01100822	-0.01751665
167	0.00514081	-0.00972988	-0.01537512
168	0.00680022	-0.00846239	-0.01278229
169	0.00812937	-0.00727546	-0.00971743
170	0.00864497	-0.00574151	-0.00676362

171	0.00859270	-0.00451869	-0.00392323
172	0.00794540	-0.00374826	-0.00127234
173	0.00698078	-0.00284612	0.00106020
174	0.00561225	-0.00201377	0.00314176
175	0.00380633	-0.00122199	0.00493864
176	0.00160436	-0.00047769	0.00656458
177	-0.00107229	0.00017029	0.00795631
178	-0.00436878	0.00044713	0.00883418
179	-0.00760516	0.00245962	0.00919418
180	-0.01058943	0.00312375	0.00837514
181	-0.01295489	0.00363264	0.00739295
182	-0.01491814	0.00390928	0.00605581
183	-0.01643758	0.00408361	0.00454308
184	-0.01767390	0.00454971	0.00270526
185	-0.01875824	0.00493274	0.00038929
186	-0.01896603	0.00453109	-0.00223217
187	-0.01868093	0.00392403	-0.00493385
188	-0.01704505	0.00559980	-0.00656632
189	-0.01502549	0.00634650	-0.00766541
190	-0.01306928	0.00668082	-0.00835869
191	-0.01127235	0.00669179	-0.00870603
192	-0.00981647	0.00761411	-0.00870189
193	-0.00847423	0.00898510	-0.00806501
194	-0.00724199	0.01143036	-0.00690106
195	-0.00625979	0.01511846	-0.00596744
196	-0.00608716	0.01892582	-0.00595488
197	0.04716893	-0.03019208	0.04258462
198	0.04690613	-0.02798571	0.04235692

199	0.04567665	-0.02612694	0.04219905
200	0.04329570	-0.02476957	0.04239000
201	0.04000435	-0.02421926	0.04272114
202	0.03580401	-0.02433973	0.04325508
203	0.03059855	-0.02499476	0.04403459
204	0.02436391	-0.02631297	0.04495367
205	0.01701108	-0.02762383	0.04601604
206	0.00859699	-0.02892708	0.04737865
207	-0.00058331	-0.02964538	0.04594189
208	-0.00904635	-0.02991617	0.04369480
209	-0.01665866	-0.03029230	0.04062384
210	-0.02343649	-0.03059189	0.03661373
211	-0.02940225	-0.03052544	0.03196073
212	-0.03456216	-0.03064415	0.02633833
213	-0.03887997	-0.03062025	0.02000118
214	-0.04241885	-0.03041687	0.01277264
215	-0.04503205	-0.03027835	0.00476595
216	-0.04436532	-0.02986514	-0.00169501
217	-0.04300523	-0.02948432	-0.00758389
218	-0.04093755	-0.02899600	-0.01286185
219	-0.03820312	-0.02855572	-0.01751267
220	-0.03491365	-0.02794029	-0.02153303
221	-0.03087965	-0.02704338	-0.02499159
222	-0.02614797	-0.02621431	-0.02785292
223	-0.02073757	-0.02528374	-0.03008948
224	-0.01474661	-0.02398667	-0.03176479
225	-0.00942978	-0.02237200	-0.03175068
226	-0.00449417	-0.02076538	-0.03117556

227	0.00000579	-0.01933200	-0.02999333
228	0.00402161	-0.01792203	-0.02827144
229	0.00753759	-0.01639421	-0.02603582
230	0.01062540	-0.01484550	-0.02316545
231	0.01322727	-0.01324483	-0.01973878
232	0.01535886	-0.01147020	-0.01579944
233	0.01687509	-0.00935118	-0.01140978
234	0.01714321	-0.00717530	-0.00622245
235	0.01673253	-0.00524023	-0.00151473
236	0.01571609	-0.00363362	0.00273760
237	0.01406844	-0.00242600	0.00655600
238	0.01180324	-0.00145181	0.00986285
239	0.00885233	-0.00068304	0.01269660
240	0.00523558	-0.00011997	0.01506520
241	0.00093301	0.00045556	0.01679449
242	-0.00397454	0.00111820	0.01784967
243	-0.00800056	0.00142861	0.01756442
244	-0.01167983	0.00176366	0.01686775
245	-0.01501952	0.00210026	0.01574693
246	-0.01801859	0.00240921	0.01423637
247	-0.02065177	0.00277497	0.01229459
248	-0.02296483	0.00309329	0.00993917
249	-0.02494201	0.00345212	0.00716818
250	-0.02653111	0.00389999	0.00396453
251	-0.02778488	0.00435659	0.00034997
252	-0.02775229	0.00467671	-0.00250448
253	-0.02744015	0.00493882	-0.00507831
254	-0.02682352	0.00520293	-0.00738883

255	-0.02590454	0.00546731	-0.00943393
256	-0.02467575	0.00578002	-0.01118641
257	-0.02317593	0.00601523	-0.01270116
258	-0.02132563	0.00629754	-0.01394365
259	-0.01919687	0.00650904	-0.01491470
260	-0.01677290	0.00678137	-0.01556530
261	-0.01420633	0.00701549	-0.01537830
262	-0.01202858	0.00749002	-0.01508500
263	-0.01018945	0.00818172	-0.01456951
264	-0.00853147	0.00896960	-0.01387876
265	-0.00711363	0.00992533	-0.01298316
266	-0.00591310	0.01119375	-0.01167394
267	-0.00508712	0.01311530	-0.00969864
268	-0.00516586	0.01599497	-0.00733372
269	-0.00608716	0.01892582	-0.00595488
270	0.06999647	-0.01968672	-0.01407597
271	0.07047745	-0.01674487	-0.01520681
272	0.07067633	-0.01375873	-0.01605792
273	0.07047436	-0.01083276	-0.01652769
274	0.07011584	-0.00797539	-0.01664529
275	0.06963847	-0.00519623	-0.01644540
276	0.06904471	-0.00243540	-0.01595401
277	0.06833939	0.00029382	-0.01515762
278	0.06752504	0.00301310	-0.01408116
279	0.06656990	0.00570302	-0.01267884
280	0.06559146	0.00845588	-0.01050477
281	0.06465086	0.01091902	-0.00814648
282	0.06376287	0.01306373	-0.00557485

283	0.06290251	0.01487832	-0.00279295
284	0.06206165	0.01638388	0.00019159
285	0.06127734	0.01759418	0.00337848
286	0.06049848	0.01846772	0.00678150
287	0.05972691	0.01899266	0.01039579
288	0.05885726	0.01916919	0.01419407
289	0.05797635	0.01889030	0.01821181
290	0.05694937	0.01845236	0.02210767
291	0.05571417	0.01785683	0.02588571
292	0.05439608	0.01711784	0.02958656
293	0.05285851	0.01618790	0.03318054
294	0.051115672	0.01507644	0.03667898
295	0.04915364	0.01375668	0.04004739
296	0.04694110	0.01226780	0.04329854
297	0.04442237	0.01060983	0.04638865
298	0.04116511	0.00854812	0.04974676
299	0.03759273	0.00662520	0.05266505
300	0.03375879	0.00486054	0.05519061
301	0.02962752	0.00322565	0.05725441
302	0.02528479	0.00175849	0.05907180
303	0.02064992	0.00041888	0.06048782
304	0.01571499	-0.00077786	0.06145133
305	0.01048885	-0.00182126	0.06196505
306	0.00501814	-0.00270510	0.06204690
307	-0.00672016	-0.00438782	0.06084962
308	-0.01734012	-0.00577799	0.05792887
309	-0.02676577	-0.00682154	0.05372037
310	-0.03509314	-0.00753896	0.04847907

311	-0.04249231	-0.00796730	0.04231064
312	-0.04895762	-0.00808899	0.03507958
313	-0.05450035	-0.00790289	0.02667848
314	-0.05864193	-0.00736074	0.01689493
315	-0.06097031	-0.00654246	0.00588390
316	-0.06107321	-0.00679846	-0.00315978
317	-0.05963751	-0.00690181	-0.01141600
318	-0.05709478	-0.00680871	-0.01880081
319	-0.05363456	-0.00651843	-0.02537895
320	-0.04933883	-0.00602923	-0.03127210
321	-0.04406008	-0.00536153	-0.03648207
322	-0.03770836	-0.00449727	-0.04097556
323	-0.03015686	-0.00344239	-0.04447869
324	-0.02149880	-0.00223744	-0.04662785
325	-0.01348333	-0.00109881	-0.04695686
326	-0.00615603	0.00013595	-0.04593502
327	0.00034669	0.00149097	-0.04397541
328	0.00611359	0.00292783	-0.04128109
329	0.01120884	0.00455068	-0.03795170
330	0.01561932	0.00627038	-0.03379254
331	0.01941078	0.00817010	-0.02884913
332	0.02236857	0.01013793	-0.02295402
333	0.02418736	0.01206595	-0.01617019
334	0.02480042	0.01375920	-0.00913961
335	0.02423738	0.01499342	-0.00260862
336	0.02258905	0.01586751	0.00323224
337	0.02010155	0.01646160	0.00837193
338	0.01691661	0.01683243	0.01293337

339	0.01300298	0.01693760	0.01703032
340	0.00822085	0.01673394	0.02061236
341	0.00243584	0.01619891	0.02352866
342	-0.00433770	0.01535829	0.02513026
343	-0.01019629	0.01531160	0.02527028
344	-0.01553792	0.01523554	0.02438953
345	-0.02024600	0.01514625	0.02275235
346	-0.02435245	0.01503886	0.02054113
347	-0.02795923	0.01491542	0.01781443
348	-0.03110919	0.01479510	0.01449509
349	-0.03373689	0.01465350	0.01047476
350	-0.03576155	0.01448905	0.00575210
351	-0.03676894	0.01430188	0.00031665
352	-0.03686959	0.01439826	-0.00392818
353	-0.03631502	0.01453221	-0.00781767
354	-0.03525281	0.01471760	-0.01128768
355	-0.03373336	0.01492436	-0.01433617
356	-0.03183921	0.01516658	-0.01699202
357	-0.02956553	0.01543900	-0.01928497
358	-0.02690920	0.01573721	-0.02126647
359	-0.02379911	0.01606468	-0.02287859
360	-0.02018623	0.01644329	-0.02387375
361	-0.01610244	0.01765390	-0.02411503
362	-0.01264805	0.01859672	-0.02332300
363	-0.00999669	0.01923615	-0.02200789
364	-0.00787524	0.01980320	-0.02059390
365	-0.00612651	0.02020954	-0.01885664
366	-0.00463663	0.02054718	-0.01663127

367	-0.00364268	0.02077608	-0.01339569
368	-0.00422459	0.02014641	-0.00908941
369	-0.00606275	0.01897512	-0.00595777
370	0.05195662	-0.00572764	-0.01908982
371	0.05275928	0.00017277	-0.01838465
372	0.05356016	0.00549058	-0.01682981
373	0.05414520	0.00989876	-0.01431228
374	0.05432555	0.01348408	-0.01110602
375	0.05406300	0.01651380	-0.00747073
376	0.05340997	0.01896866	-0.00331962
377	0.05235972	0.02097371	0.00129543
378	0.05093664	0.02243064	0.00649727
379	0.04917914	0.02320288	0.01233086
380	0.04819557	0.02339751	0.01631421
381	0.04690146	0.02323735	0.02025223
382	0.04529310	0.02272671	0.02410656
383	0.04337054	0.02190944	0.02785561
384	0.04114548	0.02072040	0.03150429
385	0.03856419	0.01930158	0.03510282
386	0.03565303	0.01758126	0.03863472
387	0.03233177	0.01576045	0.04216876
388	0.02861779	0.01382951	0.04565125
389	0.02344875	0.01150176	0.04877977
390	0.01793389	0.00948695	0.05097784
391	0.01208168	0.00774692	0.05221702
392	0.00589080	0.00629999	0.05249415
393	-0.00060447	0.00504599	0.05175867
394	-0.00745613	0.00403086	0.05004626

395	-0.01465082	0.00335770	0.04730707
396	-0.02218127	0.00288042	0.04354641
397	-0.03004199	0.00271455	0.03879966
398	-0.03749452	0.00266952	0.03104068
399	-0.04347672	0.00288755	0.02346934
400	-0.04795173	0.00312450	0.01605828
401	-0.05090405	0.00330463	0.00881574
402	-0.05233848	0.00330199	0.00176382
403	-0.05225443	0.00330145	-0.00511552
404	-0.05068273	0.00335328	-0.01182648
405	-0.04765743	0.00363848	-0.01837489
406	-0.04316751	0.00405755	-0.02477500
407	-0.03862680	0.00461315	-0.02919087
408	-0.03389145	0.00521454	-0.03260546
409	-0.02902977	0.00607846	-0.03504698
410	-0.02397651	0.00703753	-0.03647525
411	-0.01875526	0.00808774	-0.03690258
412	-0.01335804	0.00924576	-0.03635126
413	-0.00777879	0.01049196	-0.03478615
414	-0.00200889	0.01180156	-0.03219895
415	0.00391191	0.01332981	-0.02864878
416	0.00816807	0.01529252	-0.02210913
417	0.01104149	0.01736100	-0.01598106
418	0.01257446	0.01925141	-0.01028270
419	0.01279992	0.02068415	-0.00493482
420	0.01172941	0.02162722	0.00004032
421	0.00934377	0.02217927	0.00465649
422	0.00560236	0.02246852	0.00887927

423	0.00051183	0.02248897	0.01272236
424	-0.00592113	0.02248551	0.01613227
425	-0.00990022	0.02235029	0.01617788
426	-0.01354580	0.02224295	0.01576023
427	-0.01684460	0.02221866	0.01488008
428	-0.01981092	0.02213121	0.01354992
429	-0.02242945	0.02213156	0.01176313
430	-0.02471723	0.02208643	0.00951203
431	-0.02666027	0.02211473	0.00679805
432	-0.02827774	0.02212889	0.00362866
433	-0.02953172	0.02216112	0.00000090
434	-0.02954767	0.02227202	-0.00287100
435	-0.02927685	0.02242965	-0.00546982
436	-0.02872049	0.02257039	-0.00780039
437	-0.02788398	0.02276436	-0.00985361
438	-0.02676456	0.02296003	-0.01162806
439	-0.02538039	0.02321583	-0.01314201
440	-0.02370863	0.02351774	-0.01438222
441	-0.02176649	0.02385117	-0.01535126
442	-0.01954407	0.02418927	-0.01603655
443	-0.01680088	0.02471889	-0.01569034
444	-0.01440051	0.02508269	-0.01516306
445	-0.01234655	0.02535339	-0.01445700
446	-0.01059957	0.02547286	-0.01357295
447	-0.00910426	0.02544655	-0.01246553
448	-0.00777392	0.02512791	-0.01100393
449	-0.00654184	0.02414265	-0.00901736
450	-0.00587407	0.02181715	-0.00693301

451 -0.00606275 0.01897512 -0.00595777

Procrustes sums of squares: 0.5450287978409385

Tangent sums of squares: 0.5343685624862355

Data matrices in this dataset:

- RawData_Cochlea, raw data
- RawData_Cochlea, centroid size
- RawData_Cochlea, Procrustes coordinates

Principal Component Analysis: PCA: CovMatrix, RawData_Cochlea, Procrustes coordinates

	Eigenvalues	% Variance	Cumulative %
1.	0.00305541	17.725	17.725
2.	0.00234520	13.605	31.330
3.	0.00213738	12.399	43.730
4.	0.00132274	7.674	51.403
5.	0.00109262	6.339	57.742
6.	0.00092950	5.392	63.134
7.	0.00080224	4.654	67.788
8.	0.00069634	4.040	71.828
9.	0.00060646	3.518	75.346
10.	0.00051107	2.965	78.311
11.	0.00047017	2.728	81.038
12.	0.00034657	2.011	83.049

13.	0.00031025	1.800	84.849
14.	0.00029798	1.729	86.577
15.	0.00024934	1.446	88.024
16.	0.00023145	1.343	89.366
17.	0.00021289	1.235	90.601
18.	0.00019000	1.102	91.704
19.	0.00018299	1.062	92.765
20.	0.00017826	1.034	93.799
21.	0.00016886	0.980	94.779
22.	0.00014764	0.856	95.635
23.	0.00012941	0.751	96.386
24.	0.00011819	0.686	97.072
25.	0.00010086	0.585	97.657
26.	0.00009475	0.550	98.207
27.	0.00008312	0.482	98.689
28.	0.00006708	0.389	99.078
29.	0.00006051	0.351	99.429
30.	0.00005507	0.319	99.748
31.	0.00004336	0.252	100.000

Total variance: 0.01723770

Variance of the eigenvalues: 0.0000000190615

Eigenvalue variance scaled by total variance: 0.00006

Eigenvalue variance scaled by total variance and number of variables: 0.08641

Note: throughout all calculations of eigenvalue variances, the dimensionality used was 1346.

Please double-check because this dimensionality may not be appropriate for all situations.

Warning: There appear to be fewer PCs than dimensions in shape space. This can have the following reasons, among others:

-- the degrees of freedom are less than the shape dimensionality (sample size, etc.).

-- there is complete integration in the data.

Interpret the results cautiously and check for reasons why this is the case.

Principal Component Coefficients

	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12
	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24
	PC25	PC26	PC27	PC28	PC29	PC30	PC31					
x1	-0.002096		-0.061670		-0.011303		-0.031934		-0.038899		0.015219	
	-0.006395		0.029989		0.000334		-0.009274		-0.021856		0.005592	
	-0.022395		-0.019292		0.050714		0.022306		-0.007706		-0.083094	
	-0.068813		-0.022822		-0.026127		0.024748		0.004548		-0.079007	
	0.010593		-0.023884		-0.024767		0.004224		0.017314		-0.002939	
	-0.026884											
y1	0.040404		-0.078237		0.026520		-0.023774		0.013579		-0.025462	
	0.060311		-0.036796		-0.066803		0.044755		0.005316		0.064527	
	-0.013285		0.026133		0.015597		-0.009635		-0.006394		0.018693	
	0.015047		-0.001652		0.050649		0.014311		0.017762		-0.021547	
	0.002703		0.070023		0.050464		-0.003160		-0.017369		-0.057365	
	0.038384											
z1	0.030279		-0.042132		-0.074242		0.013096		-0.121705		0.004409	
	-0.059136		0.010982		0.012169		-0.011081		0.042859		-0.024227	
	-0.031769		-0.065504		0.021843		-0.014555		-0.001603		-0.029433	
	0.012286		-0.002627		-0.029760		-0.056965		-0.060049		0.030186	
	-0.005092		0.004716		0.014034		0.008455		-0.007452		0.050734	
	-0.044955											
x2	-0.002652		-0.054804		-0.002071		-0.030073		-0.026503		0.017603	
	-0.005332		0.022527		0.005863		-0.004547		-0.017308		0.013385	
	-0.032601		-0.022340		0.042123		0.014638		-0.014664		-0.075379	
	-0.068262		-0.019718		-0.021201		0.032780		0.015543		-0.066635	
	0.009842		-0.031262		-0.024271		0.015719		0.029846		-0.012185	
	-0.030657											
y2	0.039943		-0.080641		0.022410		-0.024517		0.007036		-0.020801	
	0.060627		-0.036211		-0.057661		0.050119		0.017615		0.065382	
	-0.016645		0.017938		0.020285		-0.022180		-0.005110		0.018965	

	0.006571	0.006820	0.047224	0.011166	0.014519	-0.017900
	0.000658	0.061418	0.036628	-0.011904	-0.000530	-0.057808
	0.007282					
z2	0.027836	-0.041824	-0.074518	0.013161	-0.127094	0.006311
	-0.056298	0.018991	0.007947	-0.008670	0.046092	-0.026293
	-0.031819	-0.064331	0.021131	-0.011544	0.006261	-0.036431
	0.005832	-0.001425	-0.031254	-0.041898	-0.052828	0.024942
	0.000155	0.013485	0.016893	0.008980	0.004035	0.042899
	-0.028551					
x3	-0.002258	-0.049146	0.006539	-0.028169	-0.007988	0.018827
	0.004260	0.013824	0.007532	0.002882	-0.015420	0.022621
	-0.040770	-0.021791	0.033414	0.023685	-0.015963	-0.062949
	-0.060144	-0.013126	-0.002730	0.043161	0.015470	-0.068274
	-0.002041	-0.052007	-0.043943	0.018534	0.031163	-0.027052
	-0.037404					
y3	0.037613	-0.080889	0.019228	-0.025302	-0.000922	-0.016747
	0.060008	-0.035064	-0.048278	0.052344	0.028926	0.061455
	-0.017159	0.009204	0.026608	-0.035851	-0.002538	0.020323
	-0.004509	0.014985	0.041276	0.010314	0.012625	-0.011700
	0.001502	0.058557	0.029575	-0.018742	0.013761	-0.056585
	-0.009589					
z3	0.027064	-0.041849	-0.073369	0.012379	-0.129991	0.008742
	-0.056649	0.026913	0.004117	-0.006676	0.046509	-0.022016
	-0.036457	-0.065117	0.017357	-0.010636	0.007061	-0.041669
	-0.000054	-0.001896	-0.035922	-0.033139	-0.048352	0.025107
	0.006997	0.019257	0.018910	0.010651	0.011871	0.033671
	-0.019845					
x4	-0.004122	-0.042900	0.013490	-0.020573	0.002455	0.017122
	0.007211	0.005298	0.011520	-0.001235	-0.013570	0.023872
	-0.039920	-0.017827	0.026720	0.021569	-0.017537	-0.055613
	-0.053708	-0.013790	0.007838	0.047623	0.023132	-0.054047
	-0.000470	-0.051557	-0.031868	0.024409	0.039083	-0.026870
	-0.033250					
y4	0.035364	-0.081061	0.016656	-0.027933	-0.005687	-0.012548
	0.061996	-0.033649	-0.041331	0.056020	0.037697	0.058515
	-0.018889	0.001101	0.030944	-0.042565	-0.000668	0.023646
	-0.012212	0.024759	0.038212	0.010826	0.007114	-0.010983
	0.000000	0.048151	0.014628	-0.025609	0.019884	-0.056712
	-0.024466					
z4	0.025396	-0.040843	-0.070997	0.012891	-0.130268	0.010543
	-0.053810	0.032403	0.000627	-0.004691	0.046208	-0.018665

	-0.037727	-0.062715	0.014169	-0.007721	0.009241	-0.043911
	-0.002621	-0.002078	-0.035930	-0.022647	-0.043011	0.021523
	0.010041	0.021564	0.018820	0.012454	0.012417	0.022091
	-0.005440					
x5	-0.005689	-0.037575	0.018933	-0.013434	0.013275	0.016365
	0.006795	-0.003292	0.014985	-0.007773	-0.014577	0.021543
	-0.038561	-0.013784	0.023502	0.017607	-0.018002	-0.048695
	-0.044552	-0.018768	0.016137	0.049604	0.028212	-0.038602
	0.001478	-0.046577	-0.019558	0.029574	0.049872	-0.019933
	-0.039308					
y5	0.032401	-0.080705	0.014307	-0.029814	-0.011401	-0.009193
	0.064563	-0.032000	-0.034823	0.057903	0.045697	0.055251
	-0.019849	-0.005288	0.031622	-0.045949	-0.000875	0.026379
	-0.017453	0.033003	0.034034	0.012502	0.001858	-0.009741
	-0.000047	0.036031	0.005271	-0.030008	0.024068	-0.052004
	-0.031846					
z5	0.023996	-0.039344	-0.067617	0.013640	-0.126145	0.011713
	-0.049829	0.034883	-0.002319	-0.003067	0.044413	-0.017021
	-0.037792	-0.058908	0.012979	-0.005527	0.012403	-0.044070
	-0.004793	-0.004592	-0.031108	-0.012212	-0.037552	0.017107
	0.009226	0.023093	0.022360	0.014973	0.011788	0.011839
	0.000274					
x6	-0.007840	-0.032161	0.023792	-0.004327	0.020207	0.012992
	0.003497	-0.010032	0.020574	-0.017806	-0.017773	0.016942
	-0.033950	-0.008895	0.018710	0.010137	-0.018746	-0.043160
	-0.035922	-0.023866	0.017559	0.049544	0.032022	-0.018785
	0.013084	-0.030781	-0.001366	0.025271	0.058171	-0.008033
	-0.039467					
y6	0.028827	-0.080027	0.011441	-0.031256	-0.017568	-0.005558
	0.067080	-0.030909	-0.029331	0.057212	0.052094	0.048914
	-0.019492	-0.009845	0.032245	-0.048211	-0.000300	0.029134
	-0.021175	0.038186	0.029833	0.014605	-0.003048	-0.006561
	0.001350	0.020661	0.002774	-0.028221	0.027719	-0.044252
	-0.035243					
z6	0.022559	-0.037394	-0.063000	0.015356	-0.120288	0.011269
	-0.045704	0.035866	-0.003660	-0.001370	0.041520	-0.013879
	-0.035900	-0.055400	0.010436	-0.002648	0.015988	-0.044715
	-0.003570	-0.004544	-0.025378	-0.004167	-0.032401	0.010063
	0.008952	0.028645	0.026721	0.013368	0.008094	0.005417
	0.007647					

x7	-0.008972	-0.028376	0.028849	0.002675	0.030699	0.008473
	0.002174	-0.016260	0.022263	-0.025192	-0.022972	0.015928
	-0.029395	-0.003927	0.015214	0.008146	-0.024814	-0.036053
	-0.026674	-0.036640	0.022353	0.047308	0.024993	-0.002267
	0.013571	-0.026249	0.002150	0.019689	0.049146	0.000286
	-0.029018					
y7	0.024470	-0.078785	0.008712	-0.032809	-0.024610	-0.002676
	0.068993	-0.030188	-0.024038	0.055052	0.056880	0.039391
	-0.017910	-0.013004	0.032208	-0.048516	0.000579	0.030331
	-0.022130	0.043673	0.023606	0.017187	-0.006646	-0.003984
	0.005806	0.007242	0.007768	-0.024523	0.029080	-0.032771
	-0.035243					
z7	0.021618	-0.035231	-0.057509	0.018105	-0.110753	0.009736
	-0.040876	0.034565	-0.005435	0.000608	0.037777	-0.007927
	-0.033842	-0.050034	0.007984	-0.000221	0.017457	-0.043617
	-0.001939	-0.011611	-0.018320	0.002306	-0.030940	0.005120
	0.007452	0.032575	0.032528	0.012920	0.000448	0.001684
	0.020175					
x8	-0.009198	-0.025620	0.034629	0.009325	0.040972	0.004227
	0.001312	-0.021156	0.021306	-0.033886	-0.031336	0.014717
	-0.024079	0.001299	0.013890	0.006407	-0.031907	-0.026245
	-0.012502	-0.044579	0.028789	0.041914	0.016028	0.011845
	0.014651	-0.023079	-0.005989	0.014221	0.029902	0.001824
	-0.024161					
y8	0.019435	-0.077202	0.005785	-0.033945	-0.031688	-0.001155
	0.070623	-0.029702	-0.018539	0.052145	0.060231	0.028455
	-0.014707	-0.015698	0.029798	-0.044693	0.002102	0.031056
	-0.021576	0.047518	0.017430	0.020675	-0.013061	-0.001062
	0.008882	-0.009625	0.015710	-0.017425	0.026992	-0.017903
	-0.027544					
z8	0.021531	-0.033380	-0.050446	0.021479	-0.099626	0.007244
	-0.036350	0.031541	-0.007563	0.001134	0.030623	-0.000019
	-0.029210	-0.043962	0.004333	0.001224	0.016863	-0.039454
	0.006133	-0.013204	-0.007920	0.005423	-0.031176	-0.001001
	0.004978	0.030580	0.032629	0.014866	-0.014012	-0.004488
	0.030443					
x9	-0.009392	-0.022172	0.039571	0.016792	0.050937	0.000997
	0.000826	-0.023210	0.019353	-0.043457	-0.042380	0.013987
	-0.020197	0.009835	0.014617	0.008170	-0.040002	-0.014574
	0.004904	-0.054091	0.032235	0.032253	0.007218	0.023848
	0.014067	-0.011703	-0.016589	-0.004277	0.013134	0.000254
	-0.021734					

y9	0.013981	-0.075412	0.003089	-0.034731	-0.038257	0.000261
	0.072470	-0.029137	-0.014169	0.048044	0.061950	0.016193
	-0.011152	-0.016914	0.026096	-0.037974	0.003869	0.031955
	-0.018358	0.051029	0.011459	0.025641	-0.020274	0.001660
	0.012264	-0.028023	0.025031	-0.008856	0.021780	-0.000378
	-0.015183					
z9	0.020982	-0.029843	-0.042368	0.025569	-0.085084	0.004496
	-0.029510	0.027674	-0.009935	0.002944	0.022659	0.009185
	-0.025382	-0.036411	0.003103	0.005304	0.015360	-0.033003
	0.013995	-0.014623	0.006831	0.006055	-0.029202	-0.008877
	-0.003809	0.027612	0.033942	0.011145	-0.026978	-0.015060
	0.036253					
x10	-0.008012	-0.019794	0.042181	0.024627	0.059310	-0.002547
	-0.000908	-0.026767	0.016440	-0.053965	-0.054512	0.007185
	-0.014273	0.019085	0.019317	0.009807	-0.048522	-0.003185
	0.017158	-0.066615	0.034844	0.020485	-0.005469	0.040862
	0.014256	-0.002425	-0.026439	-0.017546	-0.001071	0.001360
	-0.019062					
y10	0.007869	-0.072604	0.000510	-0.035165	-0.044594	0.001300
	0.075097	-0.029039	-0.009593	0.043314	0.061528	0.001449
	-0.007350	-0.017252	0.021699	-0.029515	0.006468	0.032727
	-0.014149	0.053172	0.006121	0.032641	-0.028158	0.004333
	0.014622	-0.047436	0.039094	0.000643	0.016047	0.020440
	-0.000721					
z10	0.022851	-0.025908	-0.034405	0.029189	-0.068391	0.001111
	-0.023215	0.021718	-0.010704	0.006497	0.013355	0.018176
	-0.026004	-0.030527	0.003007	0.008962	0.012420	-0.025020
	0.017869	-0.016027	0.023436	0.003623	-0.029171	-0.012281
	-0.016959	0.023753	0.033153	0.007648	-0.034329	-0.023527
	0.022322					
x11	-0.009489	-0.017709	0.049306	0.027978	0.062674	-0.022442
	-0.005762	-0.019581	0.026320	-0.047840	-0.060615	0.024340
	-0.022055	0.019977	0.001763	0.030125	-0.054713	-0.005735
	0.028566	-0.036921	0.026839	0.014370	-0.012611	0.026704
	0.019078	0.032998	-0.016603	-0.094365	0.010472	0.038526
	-0.029129					
y11	0.003516	-0.067367	0.000220	-0.035287	-0.053063	-0.006301
	0.072251	-0.021853	-0.003699	0.031297	0.061054	0.004081
	-0.022435	-0.025847	0.007699	-0.015794	0.010545	0.020038
	-0.004415	0.066928	-0.001001	0.031758	-0.015395	-0.006822
	0.038792	-0.016637	0.036879	-0.027363	0.018627	0.047257
	-0.022473					

z11	0.027736	-0.022834	-0.030135	0.034629	-0.058042	0.005350
	-0.016156	0.010998	-0.016008	0.004196	0.011264	0.015531
	-0.020327	-0.031995	0.011676	0.003265	0.014608	-0.024714
	0.019295	-0.025019	0.034283	0.000389	-0.036951	-0.001442
	-0.021774	-0.005225	0.024006	0.029670	-0.037702	-0.037013
	0.029561					
x12	-0.008283	-0.014104	0.048927	0.033397	0.068316	-0.023093
	-0.009519	-0.022042	0.030962	-0.046919	-0.065731	0.026119
	-0.018538	0.028936	0.004626	0.039158	-0.055536	-0.000074
	0.024687	-0.033751	0.026421	0.013516	-0.021551	0.038807
	0.006077	0.019378	-0.002781	-0.083747	0.025289	0.027950
	-0.029419					
y12	-0.000296	-0.063105	0.000447	-0.034475	-0.056445	-0.010845
	0.070645	-0.018948	0.003140	0.019217	0.059776	0.004046
	-0.032715	-0.031777	0.000864	-0.005476	0.013062	0.011977
	-0.001155	0.069777	-0.004058	0.029180	-0.005056	-0.008989
	0.058204	0.005977	0.040803	-0.042477	0.024504	0.062426
	-0.043718					
z12	0.031618	-0.019329	-0.026308	0.037593	-0.047561	0.009203
	-0.010054	0.002350	-0.013421	-0.000784	0.007087	0.015781
	-0.022850	-0.031119	0.016521	0.000950	0.013144	-0.027040
	0.009485	-0.035106	0.042692	-0.006228	-0.033241	0.002998
	-0.022390	-0.018077	0.019014	0.041098	-0.032480	-0.040605
	0.019703					
x13	-0.006966	-0.011225	0.046857	0.036947	0.072716	-0.021894
	-0.012936	-0.024745	0.032676	-0.046377	-0.070613	0.025557
	-0.012556	0.035513	0.010663	0.046587	-0.053243	0.005365
	0.022302	-0.032850	0.025695	0.013645	-0.026332	0.048531
	-0.007029	0.005373	0.007858	-0.067503	0.035398	0.010529
	-0.027950					
y13	-0.003356	-0.057470	0.000687	-0.031770	-0.057822	-0.015294
	0.066238	-0.016254	0.005353	0.008251	0.053499	0.004254
	-0.037883	-0.035252	-0.003831	0.001623	0.016171	0.003674
	-0.002389	0.068503	-0.008613	0.030308	0.006933	-0.011171
	0.068534	0.025194	0.039983	-0.047479	0.029688	0.068741
	-0.059978					
z13	0.034360	-0.012984	-0.023319	0.041402	-0.038243	0.008519
	-0.006004	-0.004165	-0.014921	-0.004398	0.000965	0.016842
	-0.029867	-0.028376	0.019571	-0.002535	0.015633	-0.030799
	-0.000186	-0.042974	0.045877	-0.007204	-0.021818	0.003536
	-0.024127	-0.018736	0.009590	0.047803	-0.029633	-0.043733
	0.012989					

x14	-0.006153	-0.010008	0.044557	0.038539	0.075925	-0.020306
	-0.015166	-0.027745	0.034741	-0.044519	-0.073759	0.023846
	-0.008846	0.039999	0.015748	0.053982	-0.053420	0.012352
	0.024349	-0.030271	0.024662	0.013060	-0.030944	0.057118
	-0.019771	-0.007468	0.015263	-0.054807	0.042049	-0.003711
	-0.022174					
y14	-0.005109	-0.052143	0.002373	-0.027436	-0.055476	-0.019014
	0.061201	-0.014226	0.005086	0.000977	0.047037	0.005192
	-0.041159	-0.035338	-0.007791	0.008060	0.015051	-0.001350
	-0.003319	0.065741	-0.012559	0.031004	0.012434	-0.014829
	0.071008	0.033418	0.028799	-0.044813	0.031859	0.066187
	-0.068580					
z14	0.037411	-0.006743	-0.018732	0.044438	-0.028601	0.008022
	-0.003819	-0.007389	-0.015143	-0.004793	-0.004685	0.018293
	-0.039916	-0.024745	0.017414	-0.005905	0.016784	-0.035102
	-0.006998	-0.045156	0.045777	-0.010170	-0.015721	0.000127
	-0.026328	-0.015230	-0.001859	0.046262	-0.027094	-0.048269
	0.008872					
x15	-0.005766	-0.009396	0.041490	0.038409	0.078079	-0.018514
	-0.017097	-0.029907	0.035589	-0.042195	-0.076769	0.021214
	-0.004276	0.040580	0.019460	0.059896	-0.055338	0.015825
	0.028071	-0.026144	0.024095	0.013853	-0.033714	0.060609
	-0.031226	-0.019742	0.021022	-0.046684	0.048615	-0.011900
	-0.017893					
y15	-0.005988	-0.048438	0.004918	-0.022885	-0.050089	-0.020483
	0.056127	-0.012788	0.004239	-0.006583	0.037799	0.007637
	-0.038341	-0.035696	-0.010359	0.016461	0.011880	-0.002811
	-0.004227	0.062245	-0.014562	0.030941	0.020174	-0.013885
	0.063609	0.028588	0.018391	-0.037906	0.035254	0.055847
	-0.066470					
z15	0.038704	-0.001920	-0.013806	0.048379	-0.018045	0.006868
	-0.002427	-0.008701	-0.014034	-0.005177	-0.010571	0.022516
	-0.053155	-0.020886	0.011879	-0.004768	0.015918	-0.036622
	-0.006871	-0.041642	0.044319	-0.014308	-0.004621	0.002149
	-0.028007	-0.009769	-0.004837	0.035108	-0.022965	-0.046893
	0.005409					
x16	-0.006317	-0.009342	0.037269	0.037356	0.078760	-0.018267
	-0.019410	-0.031456	0.035501	-0.038020	-0.079114	0.016252
	-0.000996	0.037884	0.022458	0.064561	-0.059028	0.017234
	0.033636	-0.021543	0.022945	0.015355	-0.036378	0.062127
	-0.039712	-0.031172	0.021439	-0.040258	0.053975	-0.016093
	-0.008971					

y16	-0.007112	-0.045733	0.008573	-0.015424	-0.042936	-0.020610
	0.051829	-0.012421	0.004350	-0.011682	0.030656	0.011891
	-0.034219	-0.031070	-0.009119	0.022207	0.003114	0.000455
	-0.009913	0.056423	-0.014608	0.028843	0.020682	-0.008807
	0.050209	0.012859	0.005632	-0.023051	0.036510	0.039985
	-0.055829					
z16	0.038764	0.003131	-0.008456	0.051086	-0.007748	0.006915
	-0.002563	-0.008529	-0.010464	-0.003407	-0.017685	0.027635
	-0.066496	-0.016803	0.004638	-0.003573	0.014421	-0.036167
	-0.009711	-0.030554	0.043955	-0.019260	0.006147	0.000701
	-0.028840	0.002737	-0.001177	0.016622	-0.016483	-0.040206
	0.002471					
x17	-0.006735	-0.009739	0.030524	0.033972	0.079591	-0.014491
	-0.022740	-0.034280	0.030746	-0.031945	-0.081251	0.006170
	0.006718	0.033513	0.028753	0.066435	-0.062592	0.018297
	0.039636	-0.022594	0.024155	0.019418	-0.040954	0.066727
	-0.048870	-0.051322	0.021488	-0.021753	0.058734	-0.021006
	0.000925					
y17	-0.007804	-0.042887	0.010572	-0.006308	-0.031351	-0.013833
	0.046061	-0.020412	0.000719	-0.015822	0.024702	0.006240
	-0.017900	-0.026092	0.003656	0.021139	-0.003216	0.011041
	-0.015476	0.037450	-0.011559	0.028491	0.010129	0.015503
	0.028778	-0.027024	-0.003445	0.032259	0.033995	0.004584
	-0.032819					
z17	0.037062	0.008304	-0.002910	0.052763	0.002384	0.001082
	-0.003667	-0.008181	-0.006842	0.000713	-0.024535	0.032128
	-0.080058	-0.019715	-0.005193	0.001547	0.015667	-0.036394
	-0.001941	-0.015351	0.034554	-0.018604	0.015690	-0.006702
	-0.019720	0.024184	0.009352	-0.016018	-0.014420	-0.017533
	-0.004851					
x18	-0.008587	-0.011191	0.025115	0.027575	0.078008	-0.015461
	-0.026907	-0.033103	0.027148	-0.022492	-0.084071	0.001788
	0.008197	0.025099	0.029812	0.072775	-0.069001	0.018165
	0.052988	-0.013249	0.019697	0.022971	-0.040329	0.061399
	-0.054370	-0.056881	0.015243	-0.022488	0.063873	-0.011873
	0.006435					
y18	-0.010213	-0.042010	0.014563	0.001073	-0.019591	-0.016483
	0.038184	-0.021140	-0.002016	-0.016661	0.014089	0.008431
	-0.003232	-0.026660	0.000634	0.026308	-0.015945	0.012258
	-0.014247	0.026485	-0.010963	0.028253	0.002291	0.019936
	0.014339	-0.046487	-0.025012	0.028609	0.037703	0.004977
	-0.011147					

z18	0.035370	0.013570	-0.001321	0.056787	0.015078	0.002042
	-0.005344	-0.012779	-0.005207	0.004864	-0.031203	0.029303
	-0.087574	-0.017436	-0.009256	0.002789	0.017418	-0.034708
	0.002449	-0.009687	0.034263	-0.017296	0.022132	-0.001310
	-0.013404	0.025519	0.025857	-0.024380	-0.007192	-0.003878
	-0.007282					
x19	-0.009897	-0.013903	0.020017	0.019828	0.073566	-0.016087
	-0.030331	-0.030546	0.023559	-0.012749	-0.084222	-0.003209
	0.009934	0.016065	0.024321	0.076355	-0.071916	0.016970
	0.066060	-0.005713	0.016911	0.031734	-0.042022	0.050471
	-0.055431	-0.058209	0.010406	-0.027385	0.061554	0.003973
	0.010518					
y19	-0.012854	-0.040876	0.019993	0.006929	-0.005332	-0.019889
	0.027276	-0.022441	-0.007861	-0.010411	0.002054	0.010018
	0.012194	-0.027649	0.003580	0.033372	-0.033832	0.018686
	-0.003507	0.019768	-0.010512	0.027121	-0.007412	0.029299
	-0.004841	-0.065874	-0.052643	0.030189	0.045387	0.008012
	0.011198					
z19	0.032821	0.019234	-0.000396	0.058900	0.027564	0.005520
	-0.008097	-0.016127	-0.003875	0.010935	-0.039362	0.025212
	-0.096794	-0.015531	-0.009832	0.004026	0.016161	-0.028547
	0.007565	-0.002127	0.033456	-0.018335	0.028498	0.010127
	-0.008176	0.030824	0.046447	-0.028191	0.004353	0.003472
	-0.000220					
x20	-0.009978	-0.019660	0.015234	0.010377	0.061636	-0.013557
	-0.030895	-0.028736	0.017335	-0.010037	-0.071611	-0.015187
	0.010180	0.012054	0.021604	0.081041	-0.058651	0.008712
	0.057884	-0.001506	0.007515	0.037954	-0.046262	0.048214
	-0.040770	-0.055813	0.007983	-0.013886	0.051639	0.018779
	0.030145					
y20	-0.014998	-0.040901	0.025191	0.011802	0.001840	-0.021552
	0.023805	-0.026496	-0.003403	-0.004430	-0.008702	0.016802
	0.017894	-0.022754	0.005244	0.036599	-0.034783	0.018579
	-0.002909	0.016962	-0.003039	0.016696	-0.008741	0.027755
	-0.015470	-0.083082	-0.054186	0.037109	0.038661	0.005919
	0.010758					
z20	0.030661	0.023215	0.000065	0.060804	0.035651	0.001870
	-0.011843	-0.026917	0.001776	0.009291	-0.043915	0.023636
	-0.102187	-0.021704	-0.017144	0.013803	0.011540	-0.033322
	0.005134	-0.008024	0.027321	-0.024405	0.024317	0.010179
	0.003132	0.027974	0.041277	-0.041894	-0.003783	0.010483
	0.005118					

x21	-0.008870	-0.026516	0.009614	0.000110	0.049109	-0.010562
	-0.033408	-0.023236	0.010428	-0.006916	-0.060634	-0.023224
	0.013956	0.005986	0.017789	0.079481	-0.049289	-0.000087
	0.056282	0.004848	-0.000982	0.044146	-0.055437	0.042630
	-0.033373	-0.049265	0.001702	-0.014205	0.048631	0.018821
	0.027424					
y21	-0.015653	-0.041620	0.029340	0.015944	0.007876	-0.024310
	0.022868	-0.028299	-0.001633	0.000297	-0.014956	0.023337
	0.018681	-0.020480	0.004452	0.044432	-0.032560	0.019426
	-0.008337	0.015180	-0.000832	0.007950	-0.005685	0.025767
	-0.020600	-0.089690	-0.055450	0.042833	0.036068	0.019911
	0.022839					
z21	0.029146	0.026686	0.000630	0.061481	0.040224	-0.000919
	-0.013708	-0.035435	0.005652	0.007064	-0.043280	0.019718
	-0.107373	-0.029051	-0.021516	0.026001	0.011159	-0.036835
	-0.000381	-0.008405	0.019541	-0.025860	0.019749	0.009005
	0.013220	0.024785	0.030901	-0.042605	-0.008986	0.022849
	0.013280					
x22	-0.007069	-0.033566	0.004197	-0.007260	0.036061	-0.005429
	-0.033847	-0.017597	0.002816	-0.005207	-0.052293	-0.031035
	0.020534	0.006642	0.014472	0.072428	-0.042895	-0.006839
	0.061182	0.005397	-0.004287	0.052838	-0.053631	0.037194
	-0.030449	-0.042916	0.002753	-0.017861	0.047184	-0.000124
	0.034467					
y22	-0.015704	-0.042355	0.032220	0.018515	0.012601	-0.027219
	0.021395	-0.031294	-0.001553	0.005794	-0.018251	0.027751
	0.019515	-0.019693	0.003628	0.051958	-0.029386	0.017118
	-0.013630	0.015084	-0.001065	-0.000540	-0.004188	0.020930
	-0.023480	-0.091998	-0.055426	0.050562	0.030127	0.035336
	0.024500					
z22	0.028294	0.028437	0.000768	0.062071	0.041627	-0.002213
	-0.015497	-0.041547	0.009084	0.006137	-0.042435	0.015341
	-0.110414	-0.033352	-0.024080	0.033096	0.009985	-0.041375
	-0.005386	-0.007260	0.015468	-0.027298	0.016208	0.011460
	0.018320	0.019507	0.019664	-0.043341	-0.013001	0.023982
	0.027960					
x23	-0.004466	-0.041979	-0.001316	-0.016373	0.024357	-0.003364
	-0.039282	-0.008379	-0.002541	-0.003163	-0.043499	-0.032314
	0.027823	0.006802	0.011389	0.061157	-0.037219	-0.015993
	0.057636	0.001258	-0.003935	0.058398	-0.052294	0.031938
	-0.019343	-0.047372	0.000598	-0.014230	0.033134	-0.006594
	0.037092					

y23	-0.014756	-0.043500	0.033944	0.022170	0.015805	-0.028070
	0.021689	-0.035935	-0.001578	0.009515	-0.021469	0.031850
	0.018350	-0.018324	0.005735	0.056805	-0.029280	0.009184
	-0.019067	0.019059	-0.006527	-0.012448	0.004287	0.012262
	-0.029394	-0.092195	-0.056432	0.057604	0.032768	0.032715
	0.015945					
z23	0.027713	0.028107	0.000614	0.061741	0.042762	-0.003018
	-0.019166	-0.044839	0.010203	0.006353	-0.040567	0.012751
	-0.110692	-0.033222	-0.029536	0.037392	0.007240	-0.046473
	-0.007500	-0.010117	0.012600	-0.026412	0.014099	0.010343
	0.027801	0.010449	0.015582	-0.044193	-0.019084	0.025505
	0.041133					
x24	-0.001609	-0.047373	-0.006149	-0.025140	0.012932	-0.001330
	-0.040376	0.001788	-0.006481	-0.000277	-0.033726	-0.035170
	0.035807	0.002885	0.012744	0.054551	-0.030031	-0.013526
	0.052519	0.002244	-0.010030	0.068382	-0.058160	0.021586
	-0.022860	-0.040576	-0.006162	-0.011024	0.036746	-0.011058
	0.040118					
y24	-0.012772	-0.045565	0.034448	0.024785	0.018183	-0.028433
	0.021999	-0.038251	-0.005330	0.012912	-0.023360	0.034537
	0.017204	-0.015631	0.004111	0.060300	-0.026820	0.002139
	-0.025800	0.015564	-0.007544	-0.020829	0.008855	0.005897
	-0.029259	-0.087134	-0.052796	0.060151	0.024420	0.032466
	0.016482					
z24	0.027448	0.027571	0.001182	0.059804	0.042879	-0.003475
	-0.024095	-0.044784	0.011320	0.009144	-0.035283	0.007691
	-0.109435	-0.035311	-0.029488	0.042314	0.007340	-0.043488
	-0.010005	-0.007207	0.004548	-0.022527	0.004157	0.008706
	0.029191	0.008304	0.007449	-0.037698	-0.014693	0.030067
	0.053600					
x25	0.002019	-0.052251	-0.011057	-0.032789	0.001086	-0.000299
	-0.039558	0.011278	-0.009763	-0.000175	-0.024815	-0.034697
	0.043298	-0.001449	0.014752	0.045034	-0.021759	-0.012316
	0.049183	0.001909	-0.009253	0.080168	-0.059990	0.014373
	-0.028748	-0.034898	-0.017676	-0.009254	0.034318	-0.018715
	0.038645					
y25	-0.009766	-0.048171	0.034241	0.025744	0.018588	-0.027470
	0.022497	-0.040700	-0.011889	0.019055	-0.024065	0.034909
	0.016112	-0.011073	0.003533	0.063953	-0.023774	-0.006691
	-0.031897	0.012369	-0.009940	-0.027296	0.009783	0.002210
	-0.023358	-0.075864	-0.042144	0.059717	0.021471	0.030138
	0.017657					

z25	0.028076	0.025462	0.001354	0.058325	0.040638	-0.003510
	-0.029592	-0.043960	0.012072	0.011132	-0.028562	0.002759
	-0.108474	-0.037765	-0.027649	0.045282	0.009662	-0.040443
	-0.010679	-0.004561	0.001157	-0.013401	-0.004065	0.009619
	0.028764	0.006511	-0.005623	-0.030362	-0.011693	0.031139
	0.064029					
x26	0.006432	-0.055571	-0.016160	-0.040044	-0.011220	0.002482
	-0.033847	0.020724	-0.015206	0.000168	-0.018597	-0.032935
	0.047724	-0.003730	0.016124	0.034394	-0.015868	-0.011400
	0.045185	0.003299	-0.006150	0.086364	-0.065521	0.009861
	-0.040326	-0.031069	-0.023014	-0.004473	0.033714	-0.035989
	0.037982					
y26	-0.005068	-0.052426	0.032176	0.027137	0.018151	-0.026865
	0.022131	-0.041677	-0.020223	0.023795	-0.021696	0.031053
	0.012912	-0.009437	-0.000897	0.065823	-0.019228	-0.016544
	-0.038996	0.005431	-0.011501	-0.031506	0.016469	-0.006049
	-0.012687	-0.057565	-0.035682	0.055069	0.011946	0.031013
	0.023717					
z26	0.029045	0.022725	0.001708	0.055894	0.035560	-0.001236
	-0.033699	-0.042078	0.009159	0.013422	-0.021729	0.000640
	-0.107236	-0.035606	-0.021906	0.049359	0.011542	-0.036827
	-0.010960	0.000160	-0.002367	-0.004142	-0.017841	0.014713
	0.024450	0.004199	-0.012628	-0.020053	-0.001547	0.024392
	0.074634					
x27	0.010561	-0.057946	-0.020947	-0.046661	-0.023703	0.001948
	-0.029337	0.030510	-0.017466	0.000063	-0.014326	-0.026119
	0.055243	-0.007406	0.013073	0.022749	-0.012777	-0.008768
	0.045964	0.003437	-0.001128	0.092872	-0.065631	-0.001955
	-0.059851	-0.028014	-0.027603	-0.000900	0.026652	-0.047413
	0.026810					
y27	0.000543	-0.057309	0.029311	0.027125	0.015430	-0.024368
	0.022827	-0.042378	-0.032318	0.029109	-0.017351	0.026482
	0.009446	-0.006172	-0.003961	0.067214	-0.013347	-0.028471
	-0.046258	-0.000390	-0.014825	-0.035165	0.018466	-0.008691
	0.003552	-0.033901	-0.023814	0.049458	0.008975	0.026321
	0.029406					
z27	0.030077	0.018316	0.001904	0.053151	0.028238	0.000973
	-0.039821	-0.039124	0.004450	0.015186	-0.012027	-0.001586
	-0.103512	-0.032070	-0.018283	0.052972	0.011764	-0.034281
	-0.007318	0.007204	-0.007224	0.003182	-0.023242	0.012614
	0.020260	0.001996	-0.022021	-0.002693	0.001239	0.018988
	0.093668					

x28	0.014817	-0.058920	-0.025983	-0.053453	-0.036720	-0.001172
	-0.023642	0.041393	-0.016219	0.001626	-0.015631	-0.016614
	0.064524	-0.011149	0.009945	0.005271	-0.012121	-0.004593
	0.046561	0.001770	0.010156	0.098692	-0.067970	-0.009923
	-0.086681	-0.026061	-0.033705	-0.002336	0.014114	-0.059043
	0.011192					
y28	0.007340	-0.062443	0.024684	0.026500	0.012830	-0.019869
	0.024455	-0.043552	-0.046778	0.034609	-0.012688	0.020440
	0.006198	-0.002706	-0.005879	0.069979	-0.008468	-0.040289
	-0.053538	-0.008707	-0.018632	-0.038754	0.019595	-0.012651
	0.018078	-0.009700	-0.012590	0.044290	0.006120	0.014560
	0.033670					
z28	0.031375	0.012796	0.001840	0.047048	0.016891	0.000871
	-0.046924	-0.032515	-0.002185	0.018536	-0.003383	-0.004162
	-0.096885	-0.024439	-0.013832	0.052987	0.011754	-0.031051
	-0.004868	0.015809	-0.008950	0.013491	-0.027741	0.015004
	0.014515	-0.001494	-0.028306	0.017717	-0.003734	0.018019
	0.114155					
x29	0.013083	-0.061084	-0.030060	-0.051305	-0.046925	-0.001512
	-0.021562	0.046215	-0.014010	-0.009810	-0.015237	-0.021460
	0.059021	-0.015944	0.015123	-0.003787	-0.014861	-0.009087
	0.031112	-0.002251	0.005977	0.093839	-0.055196	-0.026612
	-0.059493	-0.021047	-0.025093	0.003608	0.007781	-0.034865
	0.017218					
y29	0.016732	-0.061507	0.024501	0.025548	0.015051	-0.022004
	0.027328	-0.035236	-0.056500	0.032966	-0.016275	0.012805
	0.005044	0.000071	-0.010366	0.061945	-0.011857	-0.044934
	-0.036509	-0.020474	-0.007878	-0.030801	0.017313	-0.003845
	0.035451	0.004590	0.021077	0.027610	-0.001991	0.005870
	0.027232					
z29	0.034362	0.005897	-0.004284	0.037821	0.001815	-0.001977
	-0.052693	-0.020645	-0.005360	0.019828	0.003467	0.001272
	-0.076501	-0.018169	-0.014617	0.041572	0.007951	-0.011001
	0.017985	0.017480	0.007055	0.020324	-0.020253	0.022165
	-0.013098	0.005493	-0.022262	0.020900	-0.005226	0.000085
	0.096394					
x30	0.010261	-0.064863	-0.033508	-0.049359	-0.056084	-0.000262
	-0.017696	0.047893	-0.007811	-0.023431	-0.013144	-0.025758
	0.053275	-0.019875	0.018183	-0.011746	-0.018627	-0.012812
	0.015792	-0.007667	-0.000144	0.085754	-0.042427	-0.039044
	-0.032893	-0.011578	-0.013856	0.005637	0.006192	-0.012876
	0.018312					

y30	0.026797	-0.057906	0.027772	0.032833	0.021975	-0.024623
	0.027382	-0.014104	-0.067693	0.034698	-0.019983	-0.003168
	0.011202	-0.002107	-0.010444	0.057493	-0.016713	-0.052865
	-0.017562	-0.009928	0.004484	-0.011448	0.017022	0.003104
	0.051721	-0.004853	0.056022	0.003604	-0.007704	-0.006817
	0.032683					
z30	0.042338	-0.001066	-0.007773	0.043399	-0.003101	0.004512
	-0.069731	0.013135	-0.005993	0.016408	0.008747	-0.012823
	-0.049946	-0.030723	-0.013698	0.036675	-0.015767	0.002270
	0.046085	0.035305	0.010039	0.024585	-0.013861	0.041874
	-0.028451	-0.020873	0.003643	0.004235	0.008261	-0.026637
	0.086944					
x31	0.006963	-0.067273	-0.035531	-0.049120	-0.062774	0.000017
	-0.012030	0.044341	-0.004099	-0.032198	-0.013287	-0.023375
	0.042972	-0.020962	0.020143	-0.017199	-0.018550	-0.020883
	-0.001939	-0.013051	-0.001938	0.079875	-0.033941	-0.053813
	-0.014848	-0.004551	-0.014788	0.010880	-0.000895	0.006345
	0.015771					
y31	0.030726	-0.061945	0.025227	0.017524	0.020718	-0.025539
	0.040147	-0.025913	-0.070284	0.036275	-0.017225	0.008822
	0.002494	0.009971	-0.009846	0.053989	-0.012545	-0.043351
	-0.006248	-0.031060	0.019417	-0.012640	0.013438	-0.003123
	0.052726	0.026970	0.055706	0.001772	-0.021374	-0.011502
	0.027182					
z31	0.035873	-0.012015	-0.021543	0.017207	-0.030632	-0.002043
	-0.058209	-0.010639	-0.003166	0.013465	0.018847	0.013598
	-0.047365	-0.010925	-0.017958	0.014746	-0.007532	0.016675
	0.042432	0.005314	0.016236	0.015530	-0.021482	0.034113
	-0.052268	0.037406	-0.013163	0.027674	-0.003674	-0.013497
	0.055758					
x32	0.005639	-0.068397	-0.034854	-0.048578	-0.063156	0.001545
	-0.008852	0.044016	-0.002978	-0.035325	-0.014620	-0.020036
	0.033155	-0.023362	0.024343	-0.016829	-0.020015	-0.028722
	-0.014360	-0.014530	-0.003268	0.072286	-0.025856	-0.067513
	-0.003606	-0.012027	-0.022178	0.011298	-0.005730	0.016298
	0.016023					
y32	0.036861	-0.064467	0.025461	0.009845	0.023302	-0.024503
	0.047103	-0.026319	-0.074246	0.038606	-0.017188	0.015812
	-0.003406	0.015237	-0.005901	0.048974	-0.013069	-0.036253
	0.005582	-0.036341	0.028774	-0.010652	0.010700	-0.006918
	0.048766	0.034450	0.057869	-0.001661	-0.030189	-0.027910
	0.019933					

z32	0.033558	-0.020644	-0.032149	0.012091	-0.047759	-0.004259
	-0.056999	-0.010456	0.001039	0.005066	0.028005	0.018926
	-0.039171	-0.012274	-0.019139	-0.004235	-0.009476	0.017672
	0.041589	0.003069	0.020503	0.009255	-0.020399	0.026830
	-0.063056	0.038780	-0.016316	0.024504	-0.002441	-0.008427
	0.027423					
x33	0.004602	-0.068525	-0.033197	-0.047415	-0.061264	0.003633
	-0.007176	0.043649	-0.002494	-0.034168	-0.015668	-0.016515
	0.021610	-0.023818	0.029291	-0.012027	-0.021494	-0.036028
	-0.024522	-0.016379	-0.005407	0.063492	-0.020001	-0.078065
	0.003348	-0.020697	-0.030047	0.013183	-0.008616	0.017199
	0.014088					
y33	0.041308	-0.066974	0.025453	0.002981	0.024425	-0.023206
	0.051550	-0.027288	-0.075875	0.040041	-0.015693	0.022385
	-0.008280	0.019319	-0.002299	0.039626	-0.014533	-0.026915
	0.013553	-0.038856	0.036884	-0.006208	0.008130	-0.009201
	0.042057	0.041458	0.062908	-0.002461	-0.036619	-0.043940
	0.017504					
z33	0.032137	-0.027142	-0.042006	0.006829	-0.063297	-0.004347
	-0.058391	-0.006852	0.005055	-0.001320	0.033484	0.020834
	-0.031325	-0.020487	-0.015625	-0.017977	-0.008982	0.015430
	0.041115	0.000442	0.017465	0.004590	-0.025600	0.022614
	-0.064629	0.036689	-0.016953	0.013907	0.005511	0.004457
	0.017059					
x34	0.003174	-0.067503	-0.030132	-0.043723	-0.059281	0.004953
	-0.004878	0.041678	-0.002159	-0.031323	-0.016407	-0.014920
	0.011751	-0.022787	0.036214	-0.008237	-0.019474	-0.044895
	-0.032611	-0.020315	-0.009953	0.056974	-0.012373	-0.080341
	0.010391	-0.024701	-0.029715	0.012513	-0.007344	0.013881
	0.003031					
y34	0.044036	-0.068935	0.025461	-0.003433	0.023990	-0.024462
	0.056833	-0.029194	-0.075252	0.037580	-0.014045	0.028784
	-0.006816	0.024859	0.002587	0.024900	-0.013558	-0.013218
	0.020209	-0.034805	0.040505	-0.000884	0.006349	-0.013610
	0.038078	0.048299	0.064692	-0.002829	-0.038785	-0.048698
	0.025679					
z34	0.032784	-0.032341	-0.050818	0.002704	-0.078293	-0.004813
	-0.059664	-0.000591	0.009899	-0.008386	0.036153	0.018860
	-0.026477	-0.029214	-0.011580	-0.028264	-0.010053	0.015788
	0.034471	0.003853	0.011737	-0.007747	-0.036506	0.018405
	-0.059249	0.031819	-0.012947	0.014559	0.003395	0.022248
	0.012073					

x35	0.000969	-0.065013	-0.025563	-0.038681	-0.056067	0.008365
	-0.001568	0.039382	-0.002251	-0.025286	-0.017643	-0.013447
	0.001222	-0.017934	0.046186	0.001944	-0.015158	-0.058173
	-0.042649	-0.021140	-0.017188	0.049479	-0.003458	-0.082066
	0.011571	-0.018224	-0.022074	0.003841	-0.002772	0.010980
	-0.015241					
y35	0.044122	-0.070780	0.026045	-0.010432	0.021864	-0.026631
	0.059951	-0.031065	-0.072468	0.037235	-0.009850	0.039432
	-0.005659	0.026072	0.006359	0.009943	-0.010413	-0.000269
	0.023621	-0.023529	0.047554	0.003886	0.008311	-0.019559
	0.032588	0.055661	0.062876	-0.004755	-0.029315	-0.053855
	0.038046					
z35	0.032046	-0.036879	-0.059607	0.001474	-0.093146	-0.003463
	-0.063812	0.002914	0.012274	-0.011389	0.040359	0.011461
	-0.024561	-0.044588	-0.002949	-0.035256	-0.011485	0.007273
	0.027846	0.001807	0.004500	-0.022780	-0.046198	0.024220
	-0.046306	0.014332	-0.009244	0.017458	0.002714	0.034639
	-0.002065					
x36	-0.001130	-0.063281	-0.020007	-0.034286	-0.049264	0.012829
	-0.000263	0.035457	-0.002259	-0.017722	-0.018522	-0.007652
	-0.009119	-0.014906	0.048350	0.017670	-0.010413	-0.072098
	-0.057040	-0.022031	-0.021129	0.036280	0.001517	-0.085514
	0.010809	-0.020641	-0.019728	0.001159	-0.000516	0.006893
	-0.025041					
y36	0.043181	-0.074151	0.026742	-0.017589	0.018730	-0.027358
	0.058935	-0.033433	-0.068964	0.039959	-0.002839	0.052313
	-0.008243	0.024187	0.010676	-0.004644	-0.007244	0.010875
	0.021746	-0.013763	0.053678	0.012860	0.013444	-0.021081
	0.020105	0.063885	0.055933	-0.001739	-0.019765	-0.056586
	0.042884					
z36	0.031957	-0.040426	-0.066627	0.005622	-0.107763	0.000132
	-0.064327	0.006952	0.011693	-0.011117	0.041484	-0.003433
	-0.028474	-0.054711	0.010227	-0.028782	-0.011315	-0.007571
	0.024190	-0.000889	-0.010622	-0.039119	-0.051197	0.030407
	-0.028562	0.012132	0.001127	0.012903	-0.002105	0.041076
	-0.027402					
x37	0.020104	-0.030741	-0.043728	0.017096	0.013075	0.036978
	-0.067731	0.023331	0.026924	0.000501	0.035222	0.037335
	0.021220	0.047077	0.021624	0.037575	-0.002873	0.012701
	0.010114	-0.029246	0.030546	-0.044927	-0.038978	-0.041630
	-0.002936	-0.033500	0.020513	-0.034856	0.009891	0.008774
	-0.052993					

y37	0.034469	0.031144	-0.008463	0.038707	0.019815	-0.025520
	-0.016856	0.012350	-0.097570	-0.007808	-0.000463	-0.024451
	0.028050	0.028442	-0.045755	-0.014844	0.000701	0.014983
	-0.002187	0.019845	-0.047865	0.035180	0.021392	-0.000437
	-0.043944	0.002763	-0.003440	0.015714	0.046138	-0.022990
	-0.019772					
z37	-0.013264	-0.039941	0.015889	-0.017309	0.020317	0.023659
	-0.026114	-0.017063	0.007275	0.032872	0.004185	0.023518
	0.004733	0.038522	0.027517	0.019468	0.002295	-0.047002
	-0.049177	0.029595	-0.021963	0.048391	0.033204	-0.021364
	-0.014166	0.012365	0.029797	0.000342	-0.079293	-0.007721
	0.008878					
x38	0.023160	-0.037770	-0.046417	0.023159	0.013250	0.030986
	-0.079896	0.022587	0.018849	0.002575	0.028942	0.034996
	0.004714	0.051602	0.021186	0.024860	-0.011527	0.008108
	0.006787	-0.023930	0.023052	-0.046193	-0.038695	-0.036392
	0.015720	-0.037812	0.004978	-0.025956	0.004813	0.012353
	-0.041573					
y38	0.027066	0.009407	-0.007096	0.029484	0.028077	-0.021389
	-0.023953	0.006468	-0.084237	0.002463	0.005654	-0.018017
	0.033547	0.039418	-0.035927	-0.002420	0.006406	0.006944
	-0.009097	0.005335	-0.051336	0.016320	0.009198	0.018234
	-0.046701	0.019877	0.005419	0.014066	0.023290	-0.009364
	-0.033484					
z38	-0.021591	-0.064957	0.012449	-0.018392	0.013239	0.030286
	-0.030317	-0.008758	0.023396	0.032519	0.009271	0.019268
	0.008454	-0.001877	0.025862	0.012039	0.005228	-0.020986
	-0.018556	0.029967	-0.018282	0.040711	0.039795	-0.011106
	-0.008501	0.016482	0.030701	0.000616	-0.065367	0.002957
	0.010552					
x39	0.023354	-0.045087	-0.048645	0.025169	0.017706	0.026123
	-0.084703	0.021362	0.013602	0.005661	0.025572	0.032140
	-0.009197	0.059645	0.031353	0.015789	-0.006334	0.009520
	0.003956	-0.018936	0.025467	-0.045097	-0.038287	-0.046535
	0.029441	-0.038081	-0.011269	-0.022247	0.006472	0.014394
	-0.032175					
y39	0.020325	-0.030180	-0.002625	0.015329	0.031159	-0.010210
	-0.037661	-0.007336	-0.057873	-0.004024	0.000792	-0.007502
	0.012804	0.006602	-0.036174	-0.001243	-0.025824	0.011212
	0.007229	-0.020734	-0.064447	-0.010164	0.016181	0.025262
	-0.030867	0.019809	0.019778	0.027061	0.004714	0.022457
	-0.054025					

z39	-0.018833	-0.076027	0.011436	-0.013623	-0.003121	0.032891
	-0.036323	-0.002763	0.028632	0.021512	0.010012	0.014313
	0.004078	-0.053867	-0.016529	0.003921	-0.028914	0.001198
	0.011173	0.040877	-0.011400	0.033564	0.073438	-0.019118
	-0.022942	-0.005791	0.022089	0.012079	-0.037884	0.013259
	0.023652					
x40	0.025182	-0.047970	-0.045592	0.025382	0.022011	0.021466
	-0.081622	0.017393	0.010862	0.007892	0.022169	0.027455
	-0.022008	0.061730	0.026052	0.005304	-0.009453	0.011754
	-0.001278	-0.025043	0.028533	-0.030691	-0.029376	-0.051263
	0.031054	-0.036184	-0.009824	-0.021795	0.020697	0.019411
	-0.018192					
y40	0.010057	-0.055422	-0.001237	0.012103	0.026721	-0.012606
	-0.036310	-0.014389	-0.038185	-0.014691	-0.005119	-0.014525
	0.014488	-0.018251	-0.027838	-0.003588	-0.031961	0.011397
	0.021412	-0.029899	-0.063840	-0.017446	0.027652	0.017247
	-0.019639	0.016328	0.028287	0.023435	-0.004968	0.040573
	-0.058636					
z40	-0.021920	-0.075025	0.007172	-0.011981	-0.005369	0.031783
	-0.023065	0.006965	0.034117	0.024359	0.015772	0.004198
	0.015852	-0.057496	-0.008764	0.005591	-0.002191	0.005698
	0.017879	0.046073	0.002947	0.036110	0.062928	-0.016983
	-0.017511	-0.003932	0.014965	-0.007574	-0.023153	0.007945
	0.027005					
x41	0.027795	-0.049337	-0.043905	0.024694	0.022167	0.014808
	-0.080278	0.015400	0.008310	0.009007	0.017401	0.028635
	-0.030030	0.056289	0.022231	-0.002888	-0.011058	0.010841
	-0.001013	-0.035319	0.022244	-0.024157	-0.022608	-0.048049
	0.037872	-0.038441	-0.009247	-0.021962	0.016351	0.018634
	-0.007238					
y41	0.000295	-0.070400	-0.000145	0.008895	0.024728	-0.017498
	-0.024871	-0.016430	-0.023330	-0.017612	-0.007369	-0.021659
	0.019952	-0.027340	-0.006304	-0.005262	-0.018402	0.004508
	0.029278	-0.037216	-0.064490	-0.014649	0.021430	0.019089
	-0.000904	0.012165	0.033761	0.009713	-0.012867	0.049170
	-0.058850					
z41	-0.021617	-0.072256	0.004119	-0.009719	0.000373	0.036474
	-0.016989	0.014336	0.036355	0.027900	0.027270	0.003450
	0.019664	-0.044043	-0.004941	0.003113	0.018169	0.012194
	0.009974	0.058072	0.011860	0.031582	0.051524	-0.009822
	-0.024303	0.017667	0.023494	-0.017226	0.007652	-0.002786
	0.031199					

x42	0.029938	-0.049566	-0.043239	0.022955	0.021706	0.010382
	-0.079374	0.014117	0.006652	0.008569	0.012311	0.031161
	-0.036974	0.051857	0.015797	-0.007661	-0.012528	0.010461
	-0.001911	-0.039625	0.019575	-0.020802	-0.016890	-0.044387
	0.040449	-0.036731	-0.009308	-0.018490	0.009215	0.016496
	0.000151					
y42	-0.006289	-0.079506	0.001174	0.006666	0.025607	-0.018915
	-0.016577	-0.016419	-0.011307	-0.018181	-0.004880	-0.024661
	0.022727	-0.025864	0.009242	-0.006601	-0.004479	-0.002611
	0.030868	-0.036139	-0.057506	-0.013334	0.014228	0.021980
	0.010487	0.013791	0.040248	0.001447	-0.013257	0.052901
	-0.051699					
z42	-0.020186	-0.069696	0.002747	-0.006168	0.003815	0.036412
	-0.012005	0.018837	0.030280	0.026843	0.031589	0.006435
	0.016364	-0.036538	0.002757	0.000950	0.033787	0.025365
	0.005706	0.058970	0.004318	0.033802	0.038295	-0.006449
	-0.018991	0.027053	0.039337	-0.027217	0.028587	-0.011137
	0.031228					
x43	0.030955	-0.048121	-0.043114	0.020437	0.020792	0.007410
	-0.077652	0.013898	0.006342	0.006837	0.008807	0.034867
	-0.042861	0.046772	0.007488	-0.009007	-0.011041	0.008888
	-0.005611	-0.040169	0.019133	-0.015808	-0.009891	-0.038247
	0.043261	-0.030617	-0.000241	-0.007597	-0.003619	0.015709
	0.002030					
y43	-0.010018	-0.082462	0.004682	0.005845	0.025627	-0.017972
	-0.011374	-0.014363	-0.001764	-0.017174	-0.001119	-0.024526
	0.024047	-0.021635	0.019521	-0.005195	0.007981	-0.010481
	0.031384	-0.030104	-0.047500	-0.014617	0.012226	0.022362
	0.018087	0.015355	0.047659	-0.000271	-0.007465	0.058161
	-0.042293					
z43	-0.016515	-0.068855	0.004611	-0.004348	0.005804	0.033797
	-0.003200	0.016300	0.020610	0.024346	0.030641	0.008623
	0.016106	-0.023326	0.008570	-0.001255	0.041743	0.038198
	0.005784	0.054150	-0.023745	0.030365	0.010447	-0.012454
	-0.021644	0.017838	0.035725	-0.048629	0.057454	-0.034131
	0.010592					
x44	0.029297	-0.046581	-0.044137	0.016789	0.018914	0.002688
	-0.074249	0.011998	0.005973	0.002833	0.009782	0.037972
	-0.043775	0.032906	0.003000	-0.011004	-0.010972	0.000340
	-0.011104	-0.042059	0.019918	-0.013661	-0.008302	-0.028762
	0.037258	-0.029124	0.012746	0.010657	-0.008218	0.023007
	-0.001144					

y44	-0.009975	-0.074068	0.010704	0.004744	0.026309	-0.009884
	-0.018264	-0.007550	0.006912	-0.003312	0.004355	-0.024335
	0.014646	-0.018004	0.018400	0.013420	0.023965	0.007946
	0.026333	-0.024794	-0.055266	-0.008919	0.021251	0.007624
	0.040976	0.023907	0.051561	-0.010362	0.000061	0.037433
	-0.012578					
z44	-0.001967	-0.072279	0.012657	-0.013544	0.002181	0.026625
	0.015263	0.007969	0.011389	0.010974	0.015963	0.005668
	0.020429	-0.005930	0.005883	-0.027081	0.029020	0.000277
	0.028728	0.058488	0.002600	0.022461	-0.007328	-0.012560
	-0.038558	0.003631	0.019180	-0.029107	0.060760	-0.013863
	-0.026431					
x45	0.033248	-0.042592	-0.044398	0.011371	0.017960	-0.003176
	-0.067861	0.004987	0.012747	-0.008180	0.013554	0.039364
	-0.042816	0.023713	-0.008069	0.000171	-0.006311	0.004027
	-0.015473	-0.045877	0.014614	-0.012318	-0.002605	-0.017199
	0.030657	-0.018509	-0.004349	-0.008353	-0.018101	0.029322
	-0.021207					
y45	-0.005002	-0.066769	0.017165	-0.003479	0.026892	-0.003907
	-0.032130	-0.003141	0.006893	0.004406	-0.011437	-0.031987
	0.013831	-0.023908	0.021073	-0.008910	0.027939	-0.003228
	0.046406	0.011805	-0.041952	0.002548	0.035352	-0.007109
	0.038363	0.024254	0.048541	0.015111	0.015993	0.030141
	-0.005775					
z45	0.016602	-0.040713	0.010361	-0.016150	-0.012632	0.026735
	0.017470	-0.012893	0.026701	-0.004689	0.034382	0.009485
	0.002292	-0.009326	-0.017021	0.037800	0.011718	0.000394
	0.011412	0.000791	0.027782	-0.026552	-0.008002	0.021769
	0.019664	-0.002115	0.013709	-0.059521	-0.026231	-0.020689
	0.037926					
x46	0.036129	-0.039862	-0.043598	0.006027	0.020400	0.001550
	-0.063631	0.008267	0.005519	-0.005666	0.008477	0.038915
	-0.043758	0.027492	-0.011063	0.006045	0.003667	0.022786
	0.001692	-0.058288	0.005400	-0.010271	0.003842	-0.025396
	0.021783	0.001291	0.001342	-0.003761	-0.010927	0.011118
	-0.028265					
y46	-0.003061	-0.060243	0.013933	0.004933	0.030470	-0.018629
	-0.015234	-0.001271	0.023440	-0.008499	0.010401	-0.026967
	0.013332	0.002363	0.020311	-0.024304	0.013268	-0.020701
	0.024263	0.028295	-0.030064	-0.001347	0.006147	0.018964
	0.030512	0.011341	0.045062	0.007424	0.011253	0.013612
	-0.004510					

z46	0.027474	-0.008475	0.014120	-0.012102	-0.015231	0.023922
	-0.005888	0.007213	-0.008564	0.006402	0.007993	0.007472
	-0.004592	-0.008754	-0.030772	0.012910	0.004581	-0.027497
	0.016867	0.048751	0.014647	-0.012957	0.007492	-0.034127
	0.017538	0.016029	0.006431	-0.032980	0.011117	-0.019202
	0.012490					
x47	0.038198	-0.042698	-0.044399	0.003107	0.020768	0.001319
	-0.062905	0.005624	0.002007	-0.002657	0.007434	0.034316
	-0.045975	0.033549	-0.008419	-0.000040	0.006015	0.034904
	-0.008473	-0.071142	0.011818	-0.008812	-0.001257	-0.008415
	0.011696	-0.014087	0.008940	0.006186	-0.003119	-0.000141
	-0.007533					
y47	-0.007535	-0.062003	0.015572	0.008833	0.029745	-0.020831
	-0.014183	0.006407	0.032625	-0.016348	0.014693	-0.021706
	0.004490	-0.005862	0.012844	-0.025333	0.010066	-0.024418
	0.023442	0.040214	-0.040577	0.000253	0.012983	-0.006333
	0.014724	-0.004521	0.035193	-0.000076	0.006867	0.003476
	-0.006748					
z47	0.025748	0.004467	0.010693	-0.005265	-0.021387	0.019540
	0.000729	0.028796	0.003936	-0.007822	0.014127	0.017965
	-0.011723	-0.011554	-0.037194	-0.000548	0.000032	-0.027292
	0.014799	0.039295	0.017154	0.014561	0.025683	-0.042808
	0.014027	0.006850	-0.014039	-0.036083	0.032665	-0.005401
	0.005091					
x48	0.038000	-0.045660	-0.042438	-0.000229	0.017830	-0.008280
	-0.061993	0.008722	0.005570	-0.002054	0.005231	0.039585
	-0.055783	0.032077	-0.017817	0.001547	0.002585	0.034759
	-0.011514	-0.061138	0.003752	-0.005123	0.005038	-0.017953
	0.007251	0.000433	0.010588	-0.024381	-0.002264	0.008059
	-0.009125					
y48	-0.008844	-0.060775	0.020268	0.016432	0.036955	-0.024947
	-0.013069	0.004817	0.025690	-0.016354	0.022301	-0.020212
	0.012251	-0.010112	0.010214	-0.028310	0.006886	-0.011737
	0.017163	0.037104	-0.016173	-0.013360	0.013670	-0.000749
	0.014980	-0.006098	0.033985	0.000197	0.014663	-0.003004
	-0.000941					
z48	0.029572	0.011929	0.011579	0.002960	-0.011440	0.023324
	0.004405	0.020414	-0.013137	-0.007312	0.020600	0.016784
	0.006630	-0.006907	-0.021711	-0.006276	0.001794	-0.005334
	-0.001239	0.015675	0.043532	0.003060	0.014298	-0.005984
	0.017761	-0.009374	-0.004656	-0.002921	0.036434	-0.023735
	0.001199					

x49	0.039311	-0.047009	-0.040979	-0.002121	0.016562	-0.010322
	-0.060157	0.006230	0.005466	-0.001556	0.003193	0.038570
	-0.058504	0.033090	-0.018935	-0.000414	0.002867	0.040193
	-0.014848	-0.061384	0.001969	-0.002906	0.004849	-0.012988
	-0.002299	-0.002435	0.015603	-0.022403	-0.003255	-0.001613
	-0.005927					
y49	-0.011870	-0.057975	0.022939	0.020687	0.036858	-0.025660
	-0.011017	0.009591	0.027445	-0.015322	0.026881	-0.017891
	0.008376	-0.012394	0.002437	-0.026251	0.005086	-0.009672
	0.016749	0.033507	-0.010360	-0.011335	0.015211	-0.004902
	0.008291	-0.016829	0.026617	-0.002633	0.022716	0.001627
	0.006175					
z49	0.030412	0.015918	0.010897	0.003690	-0.013256	0.023960
	0.004907	0.022346	-0.014481	-0.010348	0.019304	0.016048
	0.005776	-0.003357	-0.024003	-0.007535	0.004334	-0.003721
	-0.001911	0.008327	0.037580	0.005867	0.008666	-0.001766
	0.021070	-0.004638	-0.015616	-0.005483	0.023781	-0.016232
	-0.000320					
x50	0.040497	-0.047488	-0.038692	-0.003856	0.014869	-0.012497
	-0.058499	0.004459	0.005618	0.000428	0.001135	0.037519
	-0.061259	0.033090	-0.020556	-0.002001	0.003946	0.043730
	-0.014001	-0.059804	-0.001119	-0.001906	0.004617	-0.010176
	-0.009047	-0.002132	0.016897	-0.023639	-0.002986	-0.006321
	-0.004685					
y50	-0.013999	-0.055689	0.024173	0.023709	0.037016	-0.025948
	-0.008955	0.012622	0.028245	-0.014646	0.030648	-0.016940
	0.006923	-0.013523	-0.001622	-0.025550	0.003622	-0.006441
	0.017754	0.030438	-0.006332	-0.011481	0.014477	-0.004705
	0.002565	-0.024399	0.019766	-0.003128	0.024507	0.002554
	0.010191					
z50	0.031933	0.019341	0.009464	0.001690	-0.016333	0.026713
	0.006094	0.024168	-0.015796	-0.012618	0.017915	0.016223
	0.005354	0.000658	-0.028750	-0.009473	0.003240	-0.005294
	-0.002744	0.001303	0.031915	0.010653	0.002362	-0.003068
	0.022866	-0.003722	-0.016910	-0.002440	0.016766	-0.015547
	0.000783					
x51	0.042003	-0.047411	-0.036142	-0.004896	0.013016	-0.014299
	-0.056222	0.002525	0.005833	0.002457	-0.001027	0.036950
	-0.063221	0.032047	-0.022860	-0.003578	0.005447	0.045944
	-0.012321	-0.057597	-0.005423	-0.001059	0.002804	-0.006771
	-0.013967	-0.001788	0.016762	-0.024537	-0.002359	-0.009107
	-0.003569					

y51	-0.015213	-0.054243	0.024847	0.025456	0.037487	-0.025366
	-0.006084	0.015498	0.027037	-0.013579	0.032516	-0.013755
	0.008095	-0.013696	-0.005029	-0.023586	0.002777	-0.003090
	0.019026	0.026692	-0.001691	-0.013554	0.011417	-0.003274
	-0.000998	-0.029503	0.017275	-0.003952	0.022072	0.001864
	0.013701					
z51	0.033079	0.022813	0.007619	-0.000378	-0.018560	0.027816
	0.004276	0.023961	-0.019686	-0.011070	0.015386	0.015299
	0.004883	0.000698	-0.028537	-0.010803	0.003029	-0.006726
	-0.004829	-0.002241	0.030660	0.011647	0.004281	-0.002806
	0.026567	0.006823	-0.013370	-0.004402	0.014729	-0.021709
	-0.006373					
x52	0.044035	-0.046547	-0.033107	-0.005614	0.011011	-0.015439
	-0.054085	-0.001097	0.007022	0.005013	-0.002400	0.035969
	-0.064168	0.027950	-0.024666	-0.005677	0.006850	0.046031
	-0.009426	-0.053168	-0.010961	-0.000937	0.001231	-0.002976
	-0.016850	-0.002447	0.013419	-0.021824	-0.001466	-0.009853
	-0.004711					
y52	-0.015945	-0.052439	0.024287	0.025252	0.037515	-0.023085
	-0.003432	0.020629	0.023939	-0.012121	0.030862	-0.009709
	0.009617	-0.013573	-0.007395	-0.020691	0.005516	-0.002237
	0.024524	0.021887	0.001829	-0.014385	0.009876	-0.003523
	-0.003847	-0.033037	0.017169	-0.002264	0.014452	-0.002551
	0.012706					
z52	0.035463	0.026372	0.003763	-0.003938	-0.021674	0.027532
	0.002511	0.023960	-0.022901	-0.013084	0.009329	0.014299
	0.004493	0.004146	-0.027754	-0.016635	0.003732	-0.007757
	-0.008391	-0.004986	0.026728	0.012867	0.004804	-0.008212
	0.024919	0.016435	-0.014615	-0.005082	0.014181	-0.031923
	-0.013106					
x53	0.046762	-0.044072	-0.029152	-0.007272	0.008689	-0.015641
	-0.052900	-0.006671	0.009466	0.008621	-0.004092	0.037000
	-0.064547	0.019694	-0.025259	-0.007550	0.007048	0.044737
	-0.004327	-0.045635	-0.016931	-0.004094	-0.000657	0.001062
	-0.019064	-0.005461	0.005113	-0.015340	-0.001463	-0.008803
	-0.006876					
y53	-0.016207	-0.051178	0.022637	0.023624	0.036848	-0.018556
	-0.001213	0.027140	0.016145	-0.012860	0.022706	-0.005955
	0.013193	-0.007469	-0.014385	-0.014183	0.013947	-0.007378
	0.027037	0.012511	0.001099	-0.011626	0.004908	0.006809
	-0.005383	-0.022182	0.018906	0.003166	-0.004804	-0.008192
	-0.012600					

z53	0.039331	0.028268	0.001265	-0.005762	-0.025013	0.027669
	-0.001082	0.017192	-0.023716	-0.014430	0.005115	0.011515
	0.007088	0.010489	-0.030192	-0.022200	0.001357	-0.006893
	-0.023100	-0.002995	0.022135	0.009404	0.002270	-0.013964
	0.025677	0.035134	-0.018421	-0.007965	0.020629	-0.031561
	-0.019623					
x54	0.048927	-0.040180	-0.024017	-0.010413	0.005390	-0.015082
	-0.050891	-0.011534	0.010664	0.010950	-0.007079	0.039226
	-0.063636	0.012461	-0.025608	-0.009098	0.009676	0.042236
	0.004438	-0.034979	-0.022047	-0.009072	-0.003746	0.003655
	-0.019854	-0.006848	-0.005423	-0.007647	-0.004609	-0.006317
	-0.014429					
y54	-0.012422	-0.042623	0.017331	0.019725	0.032730	-0.013569
	0.000365	0.028635	0.011070	-0.012331	0.014230	0.001946
	0.010812	-0.009668	-0.014849	-0.009999	0.014550	-0.001400
	0.034076	-0.003440	-0.000226	-0.012187	0.006338	0.023745
	-0.002114	-0.012296	0.025698	0.009166	-0.020890	-0.022930
	-0.020612					
z54	0.044080	0.032477	0.000720	-0.006880	-0.028488	0.025613
	-0.004360	0.002418	-0.016723	-0.006469	0.008630	0.006797
	0.006133	0.007297	-0.022240	-0.025870	-0.011433	0.005958
	-0.031961	0.006953	0.021214	0.000181	0.008749	-0.032979
	0.021798	0.035929	-0.028983	-0.022348	0.046475	-0.026017
	0.018411					
x55	0.047003	-0.034230	-0.019205	-0.009403	0.001218	-0.015032
	-0.042646	-0.015723	0.010425	0.010642	-0.010718	0.032295
	-0.056645	0.010948	-0.026159	-0.007859	0.024920	0.040321
	0.019962	-0.022689	-0.019776	-0.003994	-0.005439	0.003479
	-0.020918	-0.000681	-0.014663	-0.003921	-0.011677	-0.003502
	-0.018384					
y55	-0.007472	-0.032973	0.014637	0.014493	0.027298	-0.008221
	0.006178	0.024903	0.007594	-0.001011	0.015551	-0.000230
	0.022310	-0.005356	-0.009557	-0.006050	0.008733	0.006941
	0.032626	-0.007208	0.003928	-0.020398	0.009623	0.016441
	-0.004827	-0.004153	0.022856	0.001805	-0.001380	-0.019990
	0.007768					
z55	0.048129	0.029670	0.002877	-0.009938	-0.031585	0.021383
	-0.014658	-0.007414	-0.011503	-0.001162	0.009679	0.003289
	-0.000768	0.004854	-0.021223	-0.033222	-0.029027	0.007290
	-0.041531	0.020076	0.009976	-0.009670	0.009882	-0.047514
	0.020554	0.046397	-0.037571	-0.044981	0.070308	-0.014413
	0.033243					

x56	-0.024724	0.039315	-0.041860	0.003920	-0.006444	-0.012123
	0.007646	0.006585	-0.016823	-0.046232	-0.017138	0.046889
	0.047815	0.007011	-0.000549	-0.011507	-0.016798	-0.032594
	-0.029318	-0.008709	-0.010026	-0.018302	0.008345	-0.008437
	0.024436	-0.027501	0.017179	0.043958	-0.038631	-0.010370
	0.077799					
y56	0.048814	0.024109	0.043359	-0.002300	-0.011631	-0.025011
	0.013356	-0.003999	-0.017599	-0.028589	0.016200	0.009723
	0.017490	0.005824	-0.002960	-0.007987	0.018281	0.004644
	0.001842	-0.044663	0.028977	-0.033698	-0.015847	-0.021895
	-0.025842	-0.003965	-0.014378	-0.028185	-0.002688	0.015841
	-0.009309					
z56	0.015372	-0.019973	-0.001843	-0.022095	0.035567	-0.037288
	0.029432	0.009701	-0.012030	0.023772	-0.013065	0.001071
	0.016305	-0.016175	-0.006927	0.015270	-0.001912	-0.023936
	0.003568	0.006056	-0.001422	0.028273	-0.008769	0.033322
	-0.007128	-0.012259	-0.042550	0.026363	0.011263	0.021658
	0.003212					
x57	-0.021496	0.052881	-0.035596	0.003998	0.002704	-0.021921
	0.012943	0.014552	-0.007835	-0.057167	-0.019458	0.045965
	0.032315	0.012927	-0.001280	-0.035125	-0.019782	-0.050067
	-0.043997	-0.002520	-0.022040	-0.006507	0.032952	-0.023704
	0.021641	-0.032877	0.027879	0.040516	-0.030205	-0.027568
	0.052122					
y57	0.048716	0.018583	0.044773	-0.005062	-0.011086	-0.019072
	0.011143	-0.005250	-0.010925	-0.030361	0.024977	0.007958
	0.018222	0.008060	-0.007792	-0.016098	0.016509	0.018104
	0.021400	-0.033225	0.032627	-0.021397	-0.031312	-0.002579
	-0.035112	0.010011	-0.001591	-0.028421	-0.003367	0.021192
	-0.014925					
z57	0.016792	-0.020125	-0.006319	-0.021422	0.033701	-0.040080
	0.032068	0.012897	-0.008506	0.018644	-0.011719	0.002752
	0.011138	-0.029987	-0.001813	0.011739	-0.001935	-0.017035
	-0.002623	0.005607	-0.010452	0.029148	-0.005377	0.018513
	-0.018991	-0.003738	-0.049497	0.030843	0.003412	0.021194
	-0.004271					
x58	-0.015457	0.064390	-0.023738	-0.001344	0.014140	-0.030528
	0.029881	0.019242	0.001944	-0.070661	-0.021640	0.021073
	0.035463	0.044750	-0.000390	-0.067756	-0.006896	-0.035128
	-0.030554	0.007826	-0.027246	0.029058	0.021802	-0.003582
	0.020269	-0.019230	0.025416	0.010254	-0.029146	-0.015044
	0.046243					

y58	0.046991	0.000125	0.045896	-0.008990	-0.010097	-0.007997
	0.000786	-0.007524	-0.006984	-0.030281	0.021713	0.020777
	0.003894	-0.004473	-0.005821	-0.015584	-0.002488	0.027397
	0.035589	-0.032427	0.042796	-0.020471	-0.045649	0.004464
	-0.029776	0.012761	0.024488	-0.029326	0.004353	0.027360
	-0.016542					
z58	0.017018	-0.021356	-0.009983	-0.018970	0.033457	-0.039983
	0.036033	0.018041	-0.003607	0.014855	-0.009929	0.004467
	0.009001	-0.042204	0.006182	0.010992	-0.003130	-0.015977
	-0.008926	0.008862	-0.017256	0.027820	0.001939	-0.000466
	-0.027231	-0.005927	-0.051329	0.034473	0.006279	0.014002
	-0.005964					
x59	-0.012988	0.065276	-0.016871	-0.009770	0.019157	-0.029120
	0.024590	0.022452	0.010413	-0.063289	-0.017284	0.027148
	0.006720	0.040129	0.001795	-0.075341	-0.022997	-0.044231
	-0.034309	-0.013147	-0.036531	0.024096	0.027923	0.009336
	0.027645	-0.013959	0.046447	0.010741	-0.015828	-0.021848
	0.007219					
y59	0.043728	-0.013019	0.043464	-0.010168	-0.010802	-0.002788
	-0.005522	-0.008215	-0.000972	-0.027048	0.021425	0.028508
	-0.000095	-0.015331	-0.006416	-0.009457	-0.013303	0.021986
	0.037654	-0.030675	0.051579	-0.026822	-0.047847	-0.002173
	-0.025872	0.009528	0.038196	-0.021418	0.004184	0.019021
	-0.027116					
z59	0.017881	-0.020587	-0.009273	-0.021535	0.030931	-0.038242
	0.037713	0.021698	-0.003294	0.016330	-0.010635	-0.003673
	0.013317	-0.040823	0.009320	0.005135	-0.000323	-0.003994
	0.002343	0.007872	-0.011951	0.034507	-0.016742	0.010207
	-0.020488	0.004839	-0.047040	0.032168	0.003110	0.024532
	0.008443					
x60	-0.013577	0.061389	-0.016957	-0.013623	0.014390	-0.025700
	0.015188	0.024598	0.011899	-0.057181	-0.017873	0.035088
	-0.003227	0.032208	-0.003721	-0.078280	-0.033906	-0.048356
	-0.034622	-0.020930	-0.034619	0.016997	0.026609	0.017043
	0.036988	-0.010889	0.065144	0.022470	-0.013561	-0.033652
	0.001773					
y60	0.042683	-0.019834	0.042247	-0.010387	-0.009717	-0.001299
	-0.005283	-0.008276	0.004677	-0.026910	0.017396	0.023564
	0.005734	-0.011432	-0.004498	-0.012411	-0.011368	0.023843
	0.041069	-0.017772	0.058984	-0.019124	-0.058653	-0.001465
	-0.020438	0.011497	0.038527	-0.022395	0.000877	0.016470
	-0.023235					

z60	0.018157	-0.019598	-0.009766	-0.019885	0.028231	-0.037450
	0.038857	0.022385	-0.001093	0.012877	-0.009246	-0.006953
	0.011918	-0.040792	0.011691	-0.000884	-0.000375	0.002730
	0.004820	0.006110	-0.012867	0.036318	-0.025006	0.013067
	-0.015694	0.011398	-0.045385	0.032477	-0.000278	0.029729
	0.010984					
x61	-0.014781	0.057697	-0.020167	-0.016885	0.009962	-0.022167
	0.008737	0.021734	0.011964	-0.050835	-0.016110	0.033166
	-0.008395	0.024284	-0.003237	-0.079639	-0.039949	-0.048266
	-0.037682	-0.016675	-0.024002	0.009015	0.030465	0.014198
	0.032446	-0.005392	0.072163	0.036734	-0.018026	-0.027756
	-0.002167					
y61	0.042266	-0.023341	0.041711	-0.010405	-0.007045	-0.001824
	-0.004343	-0.007916	0.010858	-0.026579	0.014292	0.017441
	0.005213	-0.006725	0.000480	-0.016582	-0.009049	0.026377
	0.036352	-0.005986	0.061383	-0.012523	-0.065795	-0.003257
	-0.017785	0.014907	0.036531	-0.021122	0.003169	0.016584
	-0.019838					
z61	0.018349	-0.018154	-0.009561	-0.018881	0.025708	-0.036699
	0.039091	0.021697	-0.000617	0.011230	-0.007874	-0.008192
	0.009367	-0.039634	0.011900	-0.006644	-0.000247	0.006785
	0.006282	0.000971	-0.014050	0.038157	-0.033176	0.020472
	-0.009121	0.017749	-0.041946	0.031211	-0.002872	0.033514
	0.012345					
x62	-0.017422	0.053018	-0.021909	-0.019014	0.004528	-0.024942
	0.008995	0.021514	0.010635	-0.037567	-0.006000	0.018103
	-0.007164	0.009073	0.004192	-0.081763	-0.032837	-0.030937
	-0.031290	-0.027607	-0.037061	0.006716	0.030717	0.013310
	0.031932	0.020670	0.069961	0.052092	-0.005921	-0.016232
	-0.003786					
y62	0.043281	-0.024078	0.043369	-0.009607	-0.006379	-0.009181
	0.000483	-0.005081	0.013604	-0.022996	0.009655	0.012668
	0.003155	-0.013571	0.015043	-0.020104	-0.004189	0.031603
	0.033269	-0.013231	0.033745	-0.003706	-0.072954	-0.004545
	-0.004837	0.017583	0.030427	-0.020434	0.005986	0.008969
	-0.010524					
z62	0.018437	-0.016438	-0.010225	-0.016918	0.023453	-0.033392
	0.037254	0.018945	0.000767	0.006424	-0.007722	-0.008505
	0.006705	-0.036198	0.008702	-0.011575	-0.000180	0.005687
	0.001403	0.000096	-0.011419	0.038256	-0.035218	0.027294
	-0.004199	0.025458	-0.033258	0.027533	-0.003265	0.034888
	0.010500					

x63	-0.019724	0.042350	-0.023728	-0.017630	0.002270	-0.021355
	0.007790	0.012691	0.008374	-0.024454	0.000484	0.010006
	-0.013616	0.007162	0.010179	-0.069907	-0.020893	0.002090
	-0.026249	-0.024744	-0.020339	0.022501	0.036118	0.000326
	0.019058	0.048120	0.024445	0.038780	0.017740	-0.011988
	-0.033881					
y63	0.043233	-0.023141	0.041078	-0.007755	-0.005527	-0.010969
	-0.002099	-0.003290	0.014812	-0.013571	0.006145	0.008063
	-0.008892	-0.015710	0.019261	-0.020395	0.002800	0.033354
	0.018569	-0.018328	0.019842	0.001196	-0.066921	-0.014858
	0.008344	0.036030	0.024641	-0.012270	0.018240	0.000765
	-0.010305					
z63	0.018946	-0.014735	-0.009590	-0.017230	0.023247	-0.030696
	0.037350	0.016858	-0.000331	0.005989	-0.006827	-0.008721
	0.007367	-0.033202	0.007177	-0.016937	0.000051	0.000613
	-0.000985	-0.002137	-0.013729	0.036711	-0.036036	0.034408
	-0.001228	0.025581	-0.024719	0.025516	-0.005021	0.032615
	0.013080					
x64	-0.028998	0.008610	-0.017678	-0.022247	-0.015588	-0.012639
	0.018931	-0.002537	0.022218	-0.033511	-0.005082	0.014261
	-0.006050	0.019657	0.024380	-0.039941	-0.025835	0.042647
	0.009054	-0.008619	0.002149	0.004757	0.012902	0.017102
	0.008581	0.052638	0.004284	0.010727	0.020991	-0.011576
	-0.004379					
y64	0.041394	-0.022245	0.038748	-0.001566	-0.012580	-0.013696
	-0.007994	0.002027	0.017414	-0.008452	-0.005017	-0.003452
	-0.025564	-0.025579	0.031959	-0.040064	0.002260	0.018851
	0.002472	-0.016376	-0.000507	0.004114	-0.059664	-0.015796
	0.033037	0.053081	0.046393	-0.008161	0.027617	-0.000619
	0.001022					
z64	0.019258	-0.011746	-0.008793	-0.015923	0.024405	-0.026459
	0.034141	0.015996	-0.000180	0.005773	-0.003069	-0.012867
	0.012178	-0.032048	0.005124	-0.023610	0.000202	-0.006753
	-0.004467	0.000800	-0.019154	0.035479	-0.029276	0.045884
	0.006706	0.022659	-0.006999	0.024704	0.000481	0.033159
	0.005907					
x65	-0.026104	0.000264	-0.017450	-0.014662	-0.010325	-0.001097
	0.022180	-0.019299	0.020830	-0.028651	-0.002081	-0.013624
	0.001967	0.031884	0.038302	-0.033434	-0.018862	0.025098
	-0.002884	0.013193	-0.011146	0.017953	0.011893	0.036585
	-0.008492	0.022270	-0.040579	0.017674	-0.008639	0.011871
	-0.037663					

y65	0.045680	-0.017044	0.041637	-0.007013	-0.001577	-0.015678
	0.002118	-0.000635	0.023148	0.008732	0.000454	-0.013899
	-0.023028	-0.019029	0.051787	-0.024946	0.010395	-0.002291
	-0.019998	0.014323	-0.008118	0.015548	-0.044939	-0.020512
	0.037974	-0.006063	-0.003311	-0.016193	0.021654	-0.004801
	-0.011959					
z65	0.020126	-0.010498	-0.005403	-0.017298	0.028907	-0.021696
	0.033603	0.014019	-0.003038	0.010972	-0.000213	-0.012176
	0.012786	-0.027421	0.003819	-0.021098	-0.000108	-0.010062
	-0.005609	0.004588	-0.012918	0.033122	-0.028343	0.053281
	0.010114	0.013043	-0.006153	0.016562	0.006338	0.029553
	0.013720					
x66	-0.024821	-0.007099	-0.007888	-0.008144	-0.019618	-0.005910
	0.015403	-0.019813	0.018634	-0.018718	0.003959	-0.006848
	0.006331	0.037815	0.022270	-0.033427	-0.033468	0.026897
	-0.012379	0.025899	-0.015015	0.021759	-0.014928	0.013771
	-0.030860	0.034322	-0.014047	-0.047488	-0.019933	0.043640
	-0.021903					
y66	0.041436	-0.016133	0.043056	-0.006569	-0.002283	-0.020361
	0.005076	0.002580	0.018470	0.006163	-0.001513	-0.006270
	-0.019434	-0.018164	0.033055	-0.011228	0.013182	-0.006100
	-0.017994	0.022763	-0.003144	0.002228	-0.046270	-0.024909
	0.051995	-0.012201	-0.013714	-0.016222	0.014428	-0.014783
	0.008540					
z66	0.020890	-0.009030	-0.008057	-0.015506	0.028626	-0.019506
	0.035640	0.013162	-0.002693	0.007594	0.000549	-0.013799
	0.010396	-0.026360	0.006822	-0.028539	0.005077	-0.008143
	-0.001482	0.010483	-0.003948	0.036905	-0.022198	0.059045
	0.017966	0.002714	-0.007414	0.025622	0.019142	0.026874
	0.021853					
x67	-0.023746	-0.011585	-0.005274	-0.009225	-0.017026	-0.021147
	0.010206	-0.023130	0.028638	-0.020075	-0.006165	-0.017352
	0.000620	0.032142	0.000808	-0.031229	-0.029152	0.017874
	-0.012847	0.032929	-0.013784	0.010299	-0.012987	0.005764
	0.003693	0.029270	-0.017760	-0.005457	0.012559	-0.012291
	-0.010540					
y67	0.038924	-0.014284	0.043868	-0.005346	-0.006777	-0.019837
	0.007990	0.004673	0.009314	0.004026	0.002636	0.002023
	-0.013418	-0.016292	0.037915	-0.005435	0.013198	-0.005257
	-0.017143	0.016833	-0.005517	0.000587	-0.043005	-0.023588
	0.041766	-0.010662	-0.027365	-0.032372	-0.013938	0.002059
	0.010884					

z67	0.021143	-0.007862	-0.009583	-0.013156	0.027467	-0.016590
	0.036588	0.012749	-0.003461	0.005243	0.002962	-0.013584
	0.007136	-0.024654	0.009480	-0.035614	0.007346	-0.004547
	0.000335	0.013103	0.001721	0.038492	-0.017548	0.059400
	0.018344	-0.004851	-0.004940	0.023025	0.024191	0.030247
	0.027405					
x68	-0.022100	-0.013365	-0.006052	-0.009635	-0.018528	-0.024754
	0.010407	-0.021933	0.031882	-0.019337	-0.008214	-0.020581
	-0.002858	0.029963	0.003418	-0.030902	-0.032954	0.012475
	-0.019165	0.036687	-0.014185	0.010981	-0.014228	-0.000169
	0.005163	0.026147	-0.013560	-0.010793	0.010757	-0.006492
	-0.001472					
y68	0.035593	-0.012830	0.044624	-0.005561	-0.008195	-0.020671
	0.011923	0.007199	0.002306	0.001368	0.003295	0.009207
	-0.008649	-0.013972	0.034809	0.003276	0.017581	-0.005813
	-0.016488	0.012268	-0.005854	-0.005618	-0.039455	-0.023607
	0.041948	-0.012746	-0.042274	-0.029607	-0.023809	-0.002479
	0.017100					
z68	0.021083	-0.006931	-0.010467	-0.011173	0.027039	-0.014235
	0.035993	0.012297	-0.003702	0.003686	0.005147	-0.013476
	0.003775	-0.023026	0.010892	-0.041198	0.008926	-0.001171
	0.001831	0.012705	0.006921	0.039133	-0.012526	0.057984
	0.019529	-0.009688	-0.003890	0.022797	0.027256	0.030396
	0.031749					
x69	-0.021479	-0.015040	-0.004588	-0.010624	-0.018968	-0.027637
	0.010335	-0.021621	0.031566	-0.015032	-0.007866	-0.025665
	-0.001044	0.026870	0.008254	-0.031335	-0.033476	0.009315
	-0.016527	0.041034	-0.019028	0.008590	-0.015831	-0.000745
	0.011384	0.023165	-0.014884	-0.011384	0.008770	-0.006536
	0.011948					
y69	0.032713	-0.012117	0.044730	-0.005330	-0.008963	-0.019076
	0.015275	0.009964	-0.003405	0.000446	0.004343	0.015531
	-0.003893	-0.012133	0.032023	0.010478	0.019140	-0.005123
	-0.016614	0.010866	-0.003481	-0.010842	-0.036222	-0.022828
	0.040888	-0.016313	-0.049895	-0.028761	-0.029614	-0.004343
	0.021717					
z69	0.020785	-0.006051	-0.011308	-0.009493	0.026829	-0.011616
	0.034501	0.012754	-0.003400	0.002605	0.007366	-0.013067
	0.000019	-0.021377	0.012266	-0.045079	0.009655	0.002194
	0.001987	0.009143	0.012092	0.040119	-0.007861	0.055453
	0.018778	-0.011949	-0.003137	0.021131	0.027157	0.032517
	0.035521					

x70	-0.021548	-0.017297	-0.002489	-0.010942	-0.018430	-0.029055
	0.011617	-0.021177	0.032864	-0.012939	-0.007126	-0.025807
	0.000657	0.025179	0.013579	-0.030712	-0.032728	0.007536
	-0.017149	0.044376	-0.024496	0.006038	-0.019509	-0.001273
	0.017185	0.017543	-0.019555	-0.013672	0.008407	-0.004334
	0.016389					
y70	0.029986	-0.011613	0.044421	-0.004496	-0.009954	-0.016400
	0.017718	0.013239	-0.007658	0.001234	0.005132	0.022087
	-0.001074	-0.012492	0.027250	0.016083	0.018530	-0.003514
	-0.017636	0.007113	0.001294	-0.015006	-0.031528	-0.022204
	0.037937	-0.019117	-0.051209	-0.027522	-0.030001	-0.006900
	0.024142					
z70	0.020243	-0.005051	-0.011923	-0.008119	0.026987	-0.008913
	0.032218	0.013602	-0.002940	0.002194	0.009596	-0.013398
	-0.003662	-0.020118	0.014141	-0.047917	0.009302	0.005367
	0.001713	0.002298	0.016195	0.040777	-0.003207	0.051769
	0.016532	-0.011639	-0.002987	0.018296	0.023299	0.035343
	0.039116					
x71	-0.021891	-0.018166	0.000993	-0.011013	-0.017794	-0.030252
	0.014285	-0.020254	0.032421	-0.009366	-0.006046	-0.021068
	0.000172	0.021279	0.014142	-0.022383	-0.033712	0.006862
	-0.016417	0.043590	-0.024941	0.005503	-0.021937	-0.002709
	0.022893	0.010538	-0.023473	-0.023696	0.002880	-0.002742
	0.025204					
y71	0.027468	-0.011303	0.043836	-0.003184	-0.011740	-0.012283
	0.019142	0.017783	-0.010304	0.003337	0.005702	0.026881
	-0.000317	-0.015665	0.018372	0.018916	0.016080	-0.000131
	-0.018680	-0.000691	0.008801	-0.017172	-0.022733	-0.022798
	0.030970	-0.019313	-0.045449	-0.021785	-0.022229	-0.010763
	0.022174					
z71	0.019377	-0.003951	-0.012326	-0.006705	0.027399	-0.005845
	0.029742	0.014439	-0.002046	0.001807	0.011905	-0.014632
	-0.006608	-0.018309	0.016605	-0.050183	0.008262	0.008993
	0.000910	-0.007306	0.018955	0.041564	0.000870	0.047053
	0.011871	-0.009011	-0.003376	0.014936	0.017529	0.038628
	0.042127					
x72	-0.022531	-0.016963	0.004737	-0.010398	-0.019483	-0.029094
	0.016334	-0.017797	0.030541	-0.002879	-0.002397	-0.019377
	-0.004354	0.012168	0.004409	-0.012279	-0.038274	0.003643
	-0.014089	0.033945	-0.017356	0.007365	-0.010592	-0.005905
	0.021990	0.004679	-0.019903	-0.023030	0.005422	-0.006226
	0.030151					

y72	0.026091	-0.011348	0.042973	-0.001086	-0.014712	-0.006684
	0.021397	0.022882	-0.010098	0.000808	0.003793	0.031340
	0.000838	-0.021210	0.004588	0.016691	0.012777	0.007517
	-0.022879	-0.010028	0.014120	-0.014721	-0.012828	-0.022085
	0.019495	-0.018639	-0.030064	-0.013523	-0.007094	-0.011433
	0.008346					
z72	0.017995	-0.002631	-0.012044	-0.005091	0.028202	-0.002609
	0.027353	0.014761	-0.001092	0.001287	0.014509	-0.015585
	-0.008584	-0.015082	0.019581	-0.050939	0.004981	0.012620
	-0.000379	-0.019588	0.019420	0.042343	0.005097	0.038772
	0.005222	-0.004629	-0.003985	0.009127	0.009215	0.043714
	0.046876					
x73	-0.022686	-0.015273	0.008548	-0.009247	-0.025673	-0.024703
	0.019583	-0.011964	0.031943	-0.003703	-0.003031	-0.016227
	-0.008014	-0.000998	-0.017887	-0.008986	-0.042971	0.002804
	-0.018566	0.021265	-0.011357	0.015622	0.005814	-0.005725
	0.010835	0.002559	0.003428	-0.019040	0.018674	-0.000747
	0.012883					
y73	0.025748	-0.010610	0.040938	0.002261	-0.015366	0.000933
	0.023383	0.025460	-0.009930	-0.001500	0.004544	0.034661
	-0.000096	-0.028827	-0.005240	0.014707	0.004565	0.015200
	-0.024027	-0.020476	0.017353	-0.014533	0.003266	-0.021891
	0.008271	-0.021387	-0.020479	-0.002290	0.005242	-0.012700
	-0.006621					
z73	0.016280	-0.001306	-0.010960	-0.003919	0.029847	0.000817
	0.023545	0.014853	-0.000776	0.001858	0.017792	-0.015332
	-0.011043	-0.010500	0.023227	-0.049506	-0.002549	0.015198
	-0.001970	-0.035699	0.018210	0.041137	0.010221	0.025980
	-0.002338	-0.000230	-0.005678	0.002245	-0.004482	0.049737
	0.054379					
x74	-0.024363	-0.012864	0.009402	-0.007728	-0.028296	-0.016826
	0.024063	-0.004841	0.033807	-0.002870	-0.003105	-0.014237
	-0.009553	-0.014116	-0.026824	-0.002988	-0.038320	0.005928
	-0.016609	0.005068	-0.004597	0.018394	0.022605	-0.009957
	-0.000796	-0.002996	0.009838	-0.014725	0.017039	0.004603
	-0.008141					
y74	0.022145	-0.010958	0.036099	0.001422	-0.011069	0.006388
	0.023665	0.027655	-0.015230	0.007331	0.003132	0.043338
	0.003657	-0.021892	0.004209	0.018262	0.004443	0.019685
	-0.022289	-0.029284	0.028735	-0.018276	0.004057	-0.009408
	0.009218	-0.019273	-0.016598	-0.009238	0.009797	-0.020751
	0.004352					

z74	0.015428	-0.001484	-0.009710	-0.005889	0.031662	0.004488
	0.011889	0.017801	-0.000103	0.005925	0.020733	-0.011074
	-0.018918	-0.010712	0.027334	-0.048222	-0.014369	0.015709
	-0.004662	-0.057246	0.013411	0.032791	0.011091	0.019425
	-0.006980	0.006955	-0.007050	-0.003255	-0.027696	0.058296
	0.050497					
x75	-0.023516	0.018746	-0.017278	-0.011150	0.036409	-0.007605
	-0.032306	0.014293	-0.017960	0.000467	0.031118	-0.001975
	0.026244	-0.053552	-0.027009	-0.009950	0.034002	0.007751
	-0.031345	-0.015582	0.047456	0.025009	0.020747	0.019193
	0.003016	-0.029346	-0.030397	-0.009166	0.022640	0.031229
	-0.027917					
y75	-0.004214	0.000807	0.017651	-0.001925	-0.000317	-0.018440
	-0.015138	-0.004028	0.000489	-0.055511	0.016843	-0.012223
	0.010800	0.028205	-0.035631	-0.025740	0.021778	-0.022854
	0.016469	-0.000646	-0.006938	-0.003505	0.006961	0.022544
	-0.008710	-0.042775	0.020651	-0.023040	-0.004813	0.004275
	0.020795					
z75	-0.026820	0.010789	-0.006291	-0.015442	-0.012602	0.028123
	0.026490	-0.028611	0.000779	0.004410	-0.006216	0.065403
	0.005242	0.015621	0.029000	0.003911	0.035658	-0.044403
	-0.002784	-0.001201	0.027916	-0.004965	-0.002546	-0.012974
	0.001301	-0.008036	-0.008999	0.005930	-0.002960	-0.030606
	-0.022909					
x76	-0.022696	0.016433	-0.015172	-0.012891	0.036162	-0.008375
	-0.036180	0.012107	-0.018864	0.002454	0.022746	-0.004416
	0.032693	-0.054892	-0.023003	-0.017755	0.032602	0.012639
	-0.031210	-0.017136	0.055878	0.026818	0.030811	0.016678
	0.018068	-0.019015	-0.018854	-0.009942	0.024423	0.016523
	-0.027680					
y76	-0.010323	0.000682	0.018634	0.000898	0.003402	-0.012922
	-0.016946	-0.003090	-0.002280	-0.052807	0.022471	-0.011544
	0.006803	0.025537	-0.040160	-0.025585	0.023324	-0.031789
	0.022605	-0.020233	-0.015038	-0.007615	0.009139	0.017507
	-0.019188	-0.039851	0.034592	-0.025655	-0.000677	0.006779
	0.030787					
z76	-0.022804	0.016211	-0.004107	-0.020904	-0.011511	0.017856
	0.033478	-0.030408	0.005934	-0.003953	-0.009562	0.071900
	0.007418	0.027117	0.027230	-0.002155	0.028908	-0.048359
	-0.000597	-0.012199	0.021010	-0.007211	0.012683	-0.017436
	-0.003622	-0.007041	0.000666	0.010795	0.001615	-0.018506
	-0.009264					

x77	-0.021002	0.013568	-0.010834	-0.015873	0.037601	-0.006474
	-0.038463	0.008138	-0.021263	0.005021	0.014319	-0.005812
	0.035898	-0.051131	-0.021430	-0.019921	0.034940	0.023397
	-0.025454	-0.020009	0.060231	0.025935	0.033057	0.011999
	0.024045	-0.016346	-0.022942	-0.013401	0.020685	0.010469
	-0.025049					
y77	-0.016326	0.001140	0.015017	0.008678	0.002527	-0.009750
	-0.018246	0.000456	0.002345	-0.046006	0.027314	-0.014795
	-0.001602	0.013456	-0.030801	-0.030082	0.021753	-0.056446
	0.024345	-0.025952	-0.017519	-0.002797	0.020197	0.008927
	-0.012974	-0.034914	0.064438	-0.012311	-0.000758	-0.006175
	0.025776					
z77	-0.021291	0.022508	-0.004333	-0.025435	-0.013904	0.013769
	0.042308	-0.029876	0.012772	-0.013738	-0.011089	0.079335
	0.004749	0.034094	0.024298	-0.011617	0.027651	-0.045217
	0.001756	-0.033513	0.002186	-0.018421	0.022741	-0.029660
	-0.016339	-0.012661	0.019167	-0.005303	0.030296	-0.022250
	0.021519					
x78	-0.019070	0.012088	-0.007559	-0.018421	0.037210	-0.004222
	-0.038558	0.005526	-0.020342	0.006237	0.008360	-0.005118
	0.037317	-0.046863	-0.018544	-0.023168	0.036625	0.033004
	-0.019981	-0.020906	0.061384	0.025631	0.033116	0.005845
	0.031647	-0.014897	-0.022183	-0.014191	0.019444	0.004462
	-0.019049					
y78	-0.021895	-0.001352	0.013190	0.016402	0.003145	-0.009013
	-0.025106	0.001083	0.003439	-0.037338	0.028796	-0.017764
	-0.007246	0.005127	-0.025383	-0.025429	0.019338	-0.079036
	0.022851	-0.018698	-0.010273	0.005253	0.033166	0.012395
	-0.005374	-0.026384	0.083167	0.014223	-0.014746	-0.009727
	0.013926					
z78	-0.022918	0.022671	-0.004419	-0.024460	-0.015575	0.007101
	0.044930	-0.031189	0.017909	-0.018425	-0.016143	0.080966
	0.004561	0.038214	0.019644	-0.012270	0.024561	-0.046860
	0.004763	-0.037725	-0.004502	-0.016984	0.033720	-0.029155
	-0.020357	-0.004988	0.029886	-0.004455	0.041756	-0.024924
	0.041903					
x79	-0.017677	0.011177	-0.005353	-0.019822	0.035998	-0.002365
	-0.038472	0.003181	-0.019277	0.007710	0.003943	-0.004945
	0.039137	-0.043648	-0.014385	-0.025362	0.036273	0.040694
	-0.017005	-0.018689	0.062021	0.027290	0.034711	0.002235
	0.039210	-0.011017	-0.018239	-0.016388	0.017292	0.000773
	-0.014145					

y79	-0.023344	-0.003536	0.011565	0.019057	0.005274	-0.006085
	-0.027853	0.003713	0.002408	-0.032647	0.030122	-0.015171
	-0.012907	0.001523	-0.020192	-0.024027	0.014320	-0.093247
	0.018740	-0.021878	-0.009613	0.009159	0.031738	0.010966
	-0.003132	-0.028342	0.096581	0.022356	-0.023746	-0.008018
	0.000482					
z79	-0.022896	0.018980	-0.004143	-0.023344	-0.013820	0.002556
	0.042469	-0.036161	0.016397	-0.018014	-0.018774	0.072415
	0.009178	0.042465	0.022933	-0.011826	0.009687	-0.052518
	0.012180	-0.035473	-0.001553	-0.011546	0.035101	-0.025176
	-0.020340	0.002099	0.024959	0.008527	0.035491	-0.013591
	0.022436					
x80	-0.016485	0.010079	-0.003834	-0.020688	0.034099	0.000450
	-0.037636	0.001039	-0.018617	0.009495	0.000518	-0.005688
	0.040609	-0.039710	-0.009730	-0.026331	0.034671	0.045523
	-0.015039	-0.016002	0.062469	0.028502	0.035700	0.000027
	0.042965	-0.008710	-0.013894	-0.018596	0.014220	0.001250
	-0.014287					
y80	-0.023689	-0.004542	0.011081	0.018932	0.007679	-0.001952
	-0.029924	0.007563	0.003768	-0.030024	0.031121	-0.012380
	-0.018687	0.000723	-0.014777	-0.022550	0.014951	-0.095858
	0.012396	-0.024254	-0.011550	0.013862	0.027976	0.007650
	-0.003024	-0.024708	0.102451	0.018446	-0.022934	-0.005706
	-0.002499					
z80	-0.022571	0.014046	-0.005559	-0.022051	-0.013623	0.002513
	0.039055	-0.040917	0.013589	-0.016463	-0.018828	0.059953
	0.017747	0.044012	0.028719	-0.010517	-0.000538	-0.044072
	0.020123	-0.030115	0.007005	-0.004316	0.029783	-0.018479
	-0.029103	0.010710	0.012990	0.020504	0.024785	0.003355
	0.008274					
x81	-0.015772	0.008024	-0.003094	-0.022068	0.030817	0.004717
	-0.035411	-0.001544	-0.016302	0.010247	-0.002177	-0.006632
	0.041525	-0.035433	-0.005238	-0.025709	0.033189	0.047546
	-0.012727	-0.014445	0.063485	0.027073	0.037273	-0.000148
	0.043200	-0.009292	-0.008433	-0.021044	0.011446	0.005420
	-0.017748					
y81	-0.024345	-0.005264	0.011677	0.016812	0.011926	0.004090
	-0.032525	0.010723	0.009674	-0.028318	0.034762	-0.014891
	-0.027938	0.002665	-0.005484	-0.017240	0.017880	-0.083317
	0.004887	-0.025276	-0.016594	0.017485	0.022639	0.002143
	0.001354	-0.009178	0.097140	0.007226	-0.013147	-0.006453
	-0.004777					

z81	-0.027295	0.003481	-0.007140	-0.022688	-0.014499	0.009486
	0.041690	-0.047227	0.020676	-0.018478	-0.013852	0.040545
	0.021124	0.049716	0.038755	0.011229	-0.005183	-0.006399
	0.028346	-0.031950	0.007171	-0.005707	0.016444	-0.012750
	-0.036247	0.038168	0.001547	0.014558	0.014426	0.019665
	0.002797					
x82	-0.015206	0.006572	-0.002249	-0.022244	0.026898	0.009093
	-0.032546	-0.001700	-0.014578	0.009981	-0.005499	-0.007480
	0.041329	-0.031441	-0.002455	-0.022158	0.033349	0.046787
	-0.012306	-0.013391	0.059747	0.023231	0.034239	-0.000934
	0.038635	-0.012787	-0.003514	-0.017522	0.011792	0.013670
	-0.018370					
y82	-0.023754	-0.005516	0.014228	0.013913	0.017051	0.010888
	-0.038913	0.010934	0.015742	-0.022535	0.039852	-0.023873
	-0.037679	0.003312	0.006851	-0.015938	0.025493	-0.063726
	-0.000713	-0.023398	-0.023509	0.029494	0.020045	-0.001149
	0.015739	0.000305	0.073845	-0.008314	-0.001068	-0.011328
	-0.022016					
z82	-0.031408	-0.006641	-0.007373	-0.015275	-0.017295	0.018288
	0.041423	-0.046209	0.020612	-0.013556	-0.016618	0.029236
	0.016296	0.058774	0.033455	0.024138	0.006398	0.026238
	0.026012	-0.031746	-0.002618	0.010238	-0.002042	-0.011821
	-0.032184	0.040815	-0.010506	-0.016787	0.016553	0.015724
	-0.017495					
x83	-0.015038	0.006137	-0.001414	-0.020900	0.022663	0.014097
	-0.031052	-0.000417	-0.012926	0.010233	-0.009232	-0.008326
	0.039761	-0.025537	-0.003403	-0.016885	0.035347	0.047586
	-0.014998	-0.010009	0.050130	0.019377	0.030007	-0.002490
	0.037260	-0.016232	0.001024	-0.014436	0.013451	0.018354
	-0.013303					
y83	-0.020674	-0.006240	0.018356	0.010193	0.021335	0.016948
	-0.045104	0.010789	0.019508	-0.020131	0.043481	-0.034847
	-0.042202	0.003151	0.024037	-0.018117	0.033463	-0.055043
	-0.000563	-0.025682	-0.025770	0.041317	0.007333	-0.005593
	0.026255	0.003177	0.048616	-0.014928	0.012024	-0.011477
	-0.044697					
z83	-0.034472	-0.013717	-0.005366	-0.007807	-0.021951	0.020410
	0.038153	-0.043283	0.018917	-0.011584	-0.021871	0.023463
	0.015994	0.058779	0.026096	0.019786	0.012428	0.022052
	0.031959	-0.025081	-0.003283	0.015294	-0.022405	-0.018978
	-0.023807	0.032636	-0.008172	-0.022644	0.025200	0.020823
	-0.023484					

x84	-0.014337	0.006429	-0.001101	-0.019033	0.017436	0.019072
	-0.029224	0.001781	-0.012691	0.011550	-0.011812	-0.008643
	0.038019	-0.021187	-0.005441	-0.010796	0.037324	0.048832
	-0.013870	-0.005374	0.040907	0.016530	0.022297	-0.007883
	0.037621	-0.021697	0.001812	-0.013800	0.012583	0.019881
	-0.005053					
y84	-0.016917	-0.004816	0.019805	0.004646	0.026557	0.025696
	-0.055351	0.009788	0.021010	-0.019694	0.040938	-0.041378
	-0.051571	0.013493	0.049034	-0.018770	0.036507	-0.037554
	-0.003923	-0.013329	-0.028780	0.046392	0.015767	0.001917
	0.017432	0.018570	0.026839	-0.005590	0.027499	-0.012440
	-0.038137					
z84	-0.035519	-0.016283	-0.005430	-0.005433	-0.026444	0.022479
	0.029483	-0.043984	0.021739	-0.007209	-0.022382	0.013322
	0.015782	0.057450	0.028490	0.015450	0.008762	0.016288
	0.041831	-0.008844	-0.005177	0.007264	-0.016769	-0.016292
	-0.023856	0.042775	-0.010795	-0.005799	0.023560	0.017611
	-0.010502					
x85	-0.014484	0.004171	0.001656	-0.020801	0.018916	0.021777
	-0.026127	-0.002251	-0.010109	0.012604	-0.010993	-0.005656
	0.036016	-0.021667	-0.000466	-0.010062	0.033802	0.047202
	-0.007930	-0.005320	0.030482	0.015319	0.023766	-0.012885
	0.029757	-0.018686	0.004126	-0.025070	0.011383	0.013483
	-0.002851					
y85	-0.020983	-0.003672	0.018612	0.010454	0.022783	0.028901
	-0.056322	0.008430	0.012785	-0.024501	0.040050	-0.033235
	-0.040217	0.015009	0.040674	-0.011993	0.042735	-0.033729
	0.004291	-0.000158	-0.025919	0.036855	0.014356	0.005621
	0.005570	0.009962	0.015145	0.004839	0.021467	-0.015066
	-0.029682					
z85	-0.040851	-0.019536	-0.002664	-0.005775	-0.020298	0.018409
	0.025416	-0.038700	0.018379	-0.004343	-0.020900	0.020464
	0.014067	0.043973	0.012668	0.018209	-0.002163	0.012383
	0.034322	0.007978	-0.016164	0.003251	-0.022873	-0.026204
	-0.028961	0.018065	-0.013542	-0.018704	0.019824	0.012815
	-0.000674					
x86	-0.014616	0.002460	0.003397	-0.022191	0.017607	0.024183
	-0.025614	-0.005886	-0.008091	0.012688	-0.010352	-0.002708
	0.034954	-0.022362	0.001377	-0.010688	0.030035	0.047421
	-0.001632	-0.003886	0.021031	0.014058	0.022977	-0.012196
	0.027501	-0.014214	0.007521	-0.028493	0.010042	0.009478
	0.002307					

y86	-0.023081	-0.003444	0.017683	0.014599	0.015843	0.030222
	-0.057394	0.007875	0.007022	-0.029520	0.039812	-0.025160
	-0.029699	0.018882	0.035606	-0.006999	0.051039	-0.034149
	0.014045	0.009673	-0.019402	0.027687	0.010278	0.007888
	0.000424	0.007318	0.004559	0.012747	0.013677	-0.017406
	-0.024178					
z86	-0.043303	-0.020560	0.000001	-0.006704	-0.018262	0.015698
	0.022148	-0.036136	0.019869	-0.005170	-0.018753	0.014505
	0.011244	0.038902	0.006976	0.011058	-0.000239	0.006612
	0.028835	0.010811	-0.020181	0.005726	-0.022565	-0.029954
	-0.022675	0.010657	-0.008659	-0.012424	0.018232	0.003330
	-0.007294					
x87	-0.013950	0.001017	0.005114	-0.023775	0.016629	0.025957
	-0.025324	-0.008333	-0.006144	0.013411	-0.010288	0.000197
	0.032222	-0.022035	0.002414	-0.010201	0.027280	0.048176
	0.004194	-0.002506	0.014012	0.014417	0.021130	-0.011922
	0.027170	-0.010286	0.008283	-0.030324	0.007273	0.006829
	0.005931					
y87	-0.024808	-0.003729	0.016195	0.017734	0.010363	0.031838
	-0.057538	0.007001	0.001078	-0.033542	0.038361	-0.018052
	-0.021085	0.022970	0.032204	-0.003146	0.056853	-0.032312
	0.021280	0.017043	-0.013095	0.019489	0.008418	0.011268
	-0.005748	0.006314	-0.004609	0.020591	0.008122	-0.017733
	-0.021060					
z87	-0.044512	-0.021553	0.002860	-0.008204	-0.016660	0.012792
	0.020558	-0.035708	0.020443	-0.006358	-0.017084	0.009965
	0.007751	0.037931	0.004987	0.007816	0.003963	0.001014
	0.025632	0.012804	-0.018573	0.007768	-0.022715	-0.034308
	-0.017274	0.007128	-0.007497	-0.012949	0.013732	0.001962
	-0.018286					
x88	-0.012669	-0.000171	0.006770	-0.024766	0.015840	0.027186
	-0.025322	-0.009536	-0.003532	0.013756	-0.010787	0.002166
	0.028930	-0.020894	0.003367	-0.009857	0.025784	0.048979
	0.008547	-0.000370	0.008887	0.015799	0.019974	-0.011241
	0.028882	-0.006428	0.008185	-0.029644	0.004533	0.004510
	0.008235					
y88	-0.026162	-0.004554	0.014509	0.020193	0.006556	0.033661
	-0.056930	0.007765	-0.004242	-0.036606	0.036534	-0.012554
	-0.013590	0.025448	0.027957	-0.000792	0.059702	-0.027882
	0.026307	0.022239	-0.008419	0.014461	0.007814	0.012662
	-0.011415	0.004538	-0.010991	0.026895	0.004649	-0.015551
	-0.018598					

z88	-0.044714	-0.023159	0.005588	-0.007596	-0.016222	0.011315
	0.018938	-0.033844	0.022034	-0.009802	-0.015565	0.002875
	0.007470	0.038890	0.006599	0.004800	0.007215	-0.004359
	0.023895	0.015754	-0.014983	0.006502	-0.019320	-0.034724
	-0.015394	0.006143	-0.008946	-0.013847	0.011984	-0.004389
	-0.020004					
x89	-0.010861	-0.001086	0.008354	-0.025308	0.015315	0.027974
	-0.025715	-0.010409	-0.000654	0.013724	-0.011619	0.004102
	0.025771	-0.018722	0.003771	-0.010126	0.026491	0.049803
	0.011955	0.002312	0.005370	0.018506	0.018084	-0.010171
	0.032473	-0.002049	0.009170	-0.026321	0.001884	0.005054
	0.008480					
y89	-0.026963	-0.005508	0.012939	0.021612	0.003478	0.035704
	-0.054793	0.010995	-0.008065	-0.037629	0.033836	-0.008558
	-0.008542	0.025988	0.022114	-0.001432	0.059209	-0.020804
	0.025987	0.024815	-0.004563	0.012402	0.007633	0.011763
	-0.016250	0.002373	-0.017282	0.031831	0.001871	-0.011591
	-0.012774					
z89	-0.044799	-0.025394	0.007501	-0.006686	-0.014041	0.010860
	0.017180	-0.033514	0.021031	-0.014173	-0.012571	-0.001281
	0.010357	0.041900	0.005798	0.002964	0.012085	-0.006267
	0.024963	0.017674	-0.011105	0.008030	-0.020156	-0.038716
	-0.016597	0.003610	-0.004396	-0.016584	0.009370	-0.000102
	-0.024681					
x90	-0.008550	-0.001951	0.010139	-0.024990	0.014899	0.028703
	-0.025985	-0.010778	0.003626	0.013147	-0.013774	0.006373
	0.023161	-0.015256	0.003902	-0.011537	0.028590	0.050171
	0.013766	0.006610	0.003077	0.021556	0.015643	-0.008172
	0.037730	0.003166	0.009162	-0.018362	-0.000040	0.007503
	0.007324					
y90	-0.026710	-0.005577	0.010561	0.021817	0.001114	0.037974
	-0.052331	0.016095	-0.011160	-0.036278	0.032412	-0.005389
	-0.007241	0.022831	0.014409	-0.003888	0.055666	-0.010841
	0.020545	0.023847	-0.003034	0.015181	0.008106	0.007000
	-0.019241	-0.002369	-0.019205	0.032811	-0.000815	-0.004022
	-0.004943					
z90	-0.044697	-0.028270	0.009996	-0.005149	-0.011732	0.012518
	0.016040	-0.031426	0.021571	-0.019356	-0.013035	-0.004347
	0.014713	0.046211	0.002419	0.000639	0.015447	-0.006519
	0.026852	0.021280	-0.007247	0.007326	-0.021792	-0.042333
	-0.022460	0.000476	-0.005843	-0.011675	0.007782	0.006687
	-0.020847					

x91	-0.005689	-0.002158	0.011478	-0.024210	0.014153	0.028929
	-0.025881	-0.010650	0.008544	0.012667	-0.016710	0.009490
	0.019066	-0.011638	0.005003	-0.011635	0.030408	0.048899
	0.013622	0.012451	0.003431	0.026146	0.012550	-0.006198
	0.044330	0.007655	0.007562	-0.007368	-0.001549	0.011092
	0.001658					
y91	-0.025471	-0.005177	0.006545	0.021047	-0.000965	0.041675
	-0.049969	0.023108	-0.014472	-0.032705	0.031780	-0.002787
	-0.009596	0.017368	0.005468	-0.007615	0.047250	0.002371
	0.011070	0.016953	-0.005322	0.019831	0.010734	0.001986
	-0.022961	-0.007019	-0.015725	0.038499	-0.000178	0.008579
	0.006303					
z91	-0.044380	-0.027451	0.010730	-0.003785	-0.011860	0.017496
	0.014192	-0.028746	0.020263	-0.019571	-0.011393	-0.004976
	0.013509	0.041844	-0.000594	0.000963	0.016703	-0.004459
	0.021199	0.022264	-0.004428	0.013353	-0.019471	-0.051549
	-0.027003	-0.008030	-0.006819	-0.010823	0.002142	0.016233
	-0.014994					
x92	-0.002272	-0.001738	0.011029	-0.023618	0.013291	0.027640
	-0.026384	-0.007422	0.012265	0.012559	-0.019133	0.010953
	0.012701	-0.008400	0.003418	-0.010018	0.030342	0.048596
	0.012342	0.016558	0.005758	0.033532	0.010966	-0.005331
	0.052008	0.010597	0.003452	0.006763	-0.005812	0.016722
	-0.003213					
y92	-0.023854	-0.005978	0.003490	0.018857	-0.001565	0.045080
	-0.045447	0.027774	-0.017489	-0.028012	0.028135	0.001950
	-0.012989	0.014015	-0.001252	-0.005873	0.035239	0.015011
	0.007053	0.012614	-0.003611	0.022087	0.008340	-0.001492
	-0.028005	-0.007469	-0.018925	0.048570	0.006435	0.019900
	0.007660					
z92	-0.041867	-0.024459	0.007821	-0.002569	-0.013825	0.026929
	0.010711	-0.021127	0.016842	-0.017367	-0.007810	-0.006964
	0.010759	0.033010	-0.007673	-0.005064	0.013259	0.006865
	0.009828	0.013601	-0.010561	0.023806	-0.011253	-0.062375
	-0.031841	-0.022310	-0.001411	-0.002494	-0.006770	0.034917
	0.003587					
x93	0.000978	-0.000506	0.009260	-0.023862	0.011933	0.024948
	-0.028298	-0.000782	0.013753	0.011677	-0.020456	0.008650
	0.005716	-0.005021	-0.004084	-0.008298	0.029791	0.053390
	0.011994	0.021783	0.010755	0.044794	0.009081	-0.005478
	0.061798	0.014027	-0.006041	0.026477	-0.013009	0.024940
	-0.005817					

y93	-0.025512	-0.010105	0.001085	0.016401	0.001070	0.040736
	-0.039425	0.028389	-0.017851	-0.021828	0.020780	0.006258
	-0.011427	0.008144	-0.004979	-0.001924	0.030264	0.013132
	0.006216	0.004172	-0.000399	0.021218	0.010249	0.001181
	-0.028296	0.000220	-0.013530	0.043688	0.015382	0.022478
	0.001908					
z93	-0.037982	-0.023232	0.005093	-0.002749	-0.015858	0.036751
	0.009576	-0.011824	0.013893	-0.013370	-0.007558	-0.006214
	0.009320	0.029056	-0.017588	-0.009993	0.009006	0.020795
	0.003624	0.007701	-0.012122	0.033317	-0.009576	-0.076835
	-0.039267	-0.032781	-0.001383	0.008131	-0.009524	0.052981
	0.025899					
x94	0.010043	0.015627	-0.003299	-0.011042	0.024229	-0.012961
	0.002477	0.029989	-0.020842	-0.022029	0.022088	-0.002279
	-0.006527	-0.014046	-0.014273	0.023982	-0.038868	-0.031166
	0.035808	0.057389	-0.010274	-0.039675	0.011492	-0.011528
	-0.003774	-0.012613	-0.022124	0.001673	0.004487	-0.017029
	0.009998					
y94	-0.023696	0.034497	-0.051159	-0.031340	-0.020061	-0.015568
	-0.003547	-0.017219	0.035347	-0.012784	-0.000552	0.003900
	-0.004125	-0.017296	0.013826	0.019646	0.017007	0.019095
	0.005278	-0.006595	-0.006302	0.040712	0.041590	-0.014161
	-0.048048	-0.021621	0.001094	0.005241	-0.035872	-0.016598
	-0.000233					
z94	-0.005410	0.027685	0.003313	0.005623	-0.011074	-0.026700
	-0.020142	-0.032475	-0.011270	0.005513	-0.005597	0.014402
	0.009812	-0.010966	0.002741	0.003358	-0.011966	0.030963
	0.003758	0.048495	0.013139	-0.011800	-0.020268	-0.018920
	0.001302	-0.001894	0.018918	0.034712	0.010211	-0.017497
	-0.015523					
x95	0.014748	0.015666	-0.006519	-0.019006	0.023149	-0.010147
	0.003726	0.031688	-0.015287	-0.022814	0.013911	-0.010390
	-0.016411	-0.006692	-0.019467	0.019761	-0.038573	-0.030741
	0.040099	0.066492	-0.009976	-0.034874	0.014036	-0.026944
	-0.001457	-0.004956	-0.018313	0.011318	0.003653	-0.013416
	0.008479					
y95	-0.023962	0.039945	-0.053267	-0.034282	-0.011464	-0.007206
	0.001368	-0.012943	0.036355	-0.012075	0.007927	0.003083
	-0.017827	-0.018767	0.021482	0.032000	0.006608	0.026544
	0.008065	-0.011970	-0.009172	0.026808	0.016092	-0.016620
	-0.034694	-0.022721	0.002283	0.005881	-0.033322	-0.042881
	-0.000651					

z95	-0.010113	0.028733	0.004871	0.004043	-0.002317	-0.032124
	-0.020624	-0.023599	-0.010695	0.009158	-0.002360	0.004441
	0.004543	-0.006195	0.009684	0.003745	-0.014225	0.026329
	0.006226	0.044232	0.015241	-0.017123	-0.030017	-0.013799
	0.015463	0.015274	0.006547	0.018121	0.015744	0.003693
	-0.027634					
x96	0.017606	0.013596	-0.006930	-0.023850	0.020224	-0.007248
	0.003573	0.031210	-0.011515	-0.023196	0.005146	-0.016334
	-0.023750	-0.000212	-0.024189	0.015914	-0.036169	-0.032077
	0.040642	0.071803	-0.008634	-0.029821	0.014069	-0.037759
	0.001143	0.002883	-0.014614	0.012136	0.000523	-0.008137
	0.003085					
y96	-0.028686	0.040032	-0.053443	-0.035386	0.004172	-0.003261
	0.005916	-0.004550	0.031966	-0.009527	0.014859	-0.004351
	-0.024971	-0.010752	0.027642	0.039892	-0.003244	0.027672
	0.003751	-0.013352	-0.013872	0.006114	-0.014878	-0.013699
	-0.005902	0.000880	0.001066	0.000413	-0.015641	-0.024317
	0.000620					
z96	-0.012902	0.029451	0.007288	0.005802	0.000681	-0.036057
	-0.024794	-0.019129	-0.009496	0.014041	-0.003360	-0.006528
	0.001099	-0.008697	0.014309	0.003531	-0.014867	0.020650
	0.006177	0.037081	0.012120	-0.011256	-0.029784	-0.015955
	0.012760	0.018427	-0.003355	0.021720	0.018096	0.004458
	-0.038209					
x97	0.019611	0.011248	-0.005487	-0.026963	0.016884	-0.004337
	0.003300	0.029591	-0.009509	-0.022787	-0.003453	-0.017320
	-0.030806	0.003479	-0.026891	0.014970	-0.033050	-0.032181
	0.042114	0.075855	-0.005391	-0.024468	0.012366	-0.045076
	0.002310	0.006566	-0.015486	0.009338	-0.004833	-0.006113
	-0.000284					
y97	-0.035111	0.036980	-0.050875	-0.034006	0.018512	-0.003237
	0.006425	0.002034	0.026909	-0.003817	0.017643	-0.014456
	-0.030254	-0.007148	0.028685	0.041162	-0.010997	0.023440
	-0.004384	-0.011562	-0.020998	-0.006055	-0.039089	-0.013832
	0.014338	0.023039	0.002492	0.000169	-0.003190	-0.012063
	0.000688					
z97	-0.008237	0.036428	0.005769	0.006749	-0.003172	-0.031641
	-0.025083	-0.017113	-0.006234	0.015109	-0.001407	-0.007191
	-0.001021	-0.010938	0.024436	0.006288	-0.014591	0.019831
	0.016795	0.026860	0.015595	-0.009556	-0.016646	-0.006467
	0.004247	0.006942	-0.009346	0.024258	0.012513	-0.006372
	-0.046434					

x98	0.020797	0.009441	-0.004147	-0.029815	0.013511	-0.002425
	0.003284	0.028878	-0.007841	-0.020896	-0.008334	-0.015426
	-0.035095	0.006198	-0.030127	0.013314	-0.029695	-0.032034
	0.045251	0.078355	-0.002492	-0.019994	0.010830	-0.047734
	0.003254	0.006901	-0.015274	0.006702	-0.009232	-0.005229
	0.002248					
y98	-0.039030	0.036011	-0.049067	-0.032228	0.026505	-0.000556
	0.007132	0.006759	0.025496	0.001168	0.018936	-0.020481
	-0.036444	-0.007929	0.028738	0.040052	-0.017171	0.019560
	-0.007387	-0.011777	-0.024721	-0.012931	-0.050867	-0.011966
	0.025802	0.033164	0.002272	-0.000792	0.000229	-0.013884
	-0.002854					
z98	-0.002522	0.039475	0.004023	0.007122	-0.005452	-0.031015
	-0.023905	-0.015948	-0.005751	0.015198	0.002293	-0.002138
	0.002916	-0.009594	0.025722	0.007106	-0.012780	0.018086
	0.029585	0.020775	0.025484	-0.010133	-0.002415	-0.002966
	0.002329	-0.000422	-0.004261	0.013089	0.013776	-0.006723
	-0.048375					
x99	0.020682	0.008111	-0.002235	-0.032187	0.010084	-0.001438
	0.002363	0.028209	-0.005788	-0.017298	-0.010944	-0.011325
	-0.037095	0.008047	-0.033486	0.011248	-0.026404	-0.032078
	0.048041	0.081822	0.000298	-0.016473	0.009344	-0.044522
	0.004677	0.005221	-0.016075	0.004782	-0.012952	-0.003389
	0.008687					
y99	-0.042363	0.034644	-0.047757	-0.029581	0.031495	0.002594
	0.007307	0.009477	0.024596	0.005365	0.018721	-0.020257
	-0.039755	-0.009961	0.024518	0.035100	-0.021444	0.015509
	-0.006261	-0.009524	-0.024311	-0.016294	-0.052873	-0.008827
	0.028543	0.034368	0.004866	-0.004719	0.004604	-0.020979
	-0.008453					
z99	0.000911	0.040520	0.007001	0.007811	-0.006003	-0.034233
	-0.024569	-0.017051	-0.005962	0.017728	0.000323	0.005673
	0.006657	-0.007246	0.031228	0.001695	-0.009299	0.012297
	0.039514	0.027835	0.032244	-0.010967	0.015774	0.005488
	0.006224	-0.011820	-0.009534	0.005232	0.014201	0.000420
	-0.041371					
x100	0.019487	0.006970	0.000282	-0.033255	0.005807	-0.001699
	0.001215	0.027649	-0.004225	-0.013125	-0.012137	-0.006153
	-0.037497	0.007763	-0.038089	0.008859	-0.023154	-0.031825
	0.049795	0.083511	0.002580	-0.013267	0.007423	-0.036596
	0.006959	0.002418	-0.014794	0.002451	-0.017642	-0.000916
	0.017929					

y100	-0.045537	0.032717	-0.044647	-0.024661	0.033742	0.002946
	0.007022	0.012451	0.022390	0.008138	0.014591	-0.013458
	-0.040552	-0.014320	0.015851	0.025692	-0.020488	0.012839
	-0.000863	-0.005130	-0.020104	-0.016399	-0.043385	-0.005229
	0.025667	0.023102	0.003660	-0.005419	0.009369	-0.024877
	-0.007060					
z100	0.004518	0.041095	0.010214	0.009423	-0.008349	-0.038418
	-0.024766	-0.017004	-0.007543	0.017692	-0.004309	0.009650
	0.006046	-0.008873	0.028175	-0.002726	-0.007390	0.009220
	0.045368	0.031244	0.036661	-0.006563	0.032418	0.002913
	0.004441	-0.024174	-0.009405	0.009646	0.009242	0.013487
	-0.026610					
x101	0.017685	0.005878	0.003268	-0.033895	0.002189	-0.002693
	0.000894	0.026471	-0.003235	-0.006935	-0.012063	0.000334
	-0.037145	0.004699	-0.040235	0.007814	-0.019941	-0.031775
	0.051431	0.083163	0.003950	-0.008968	0.002843	-0.025382
	0.011098	-0.002495	-0.015448	-0.003219	-0.025003	-0.000723
	0.027771					
y101	-0.048186	0.032252	-0.039413	-0.019437	0.031284	-0.000963
	0.009111	0.018683	0.017747	0.010415	0.006884	0.003713
	-0.041236	-0.021393	0.006517	0.018313	-0.009127	0.014069
	0.012350	0.004437	-0.014896	-0.009020	-0.027689	-0.002068
	0.020645	-0.006622	0.001209	0.001855	0.005117	-0.024943
	-0.002325					
z101	0.009354	0.043125	0.009477	0.007648	-0.009785	-0.040097
	-0.024577	-0.017469	-0.008894	0.019447	-0.007213	0.008062
	0.001665	-0.014870	0.031518	0.001000	-0.008069	0.007063
	0.045614	0.031976	0.033877	0.001355	0.036799	-0.008003
	0.002134	-0.023749	-0.005188	0.004930	0.004772	0.025593
	-0.018205					
x102	0.014459	0.004787	0.007258	-0.033085	-0.001160	-0.004253
	0.001205	0.025167	-0.001939	-0.000364	-0.008845	0.007646
	-0.036211	-0.001973	-0.040084	0.003829	-0.017902	-0.034224
	0.051978	0.076724	0.002452	-0.004434	-0.004037	-0.007173
	0.020183	-0.006302	-0.015756	-0.012915	-0.033913	-0.002022
	0.037264					
y102	-0.047137	0.032801	-0.036003	-0.013744	0.026343	-0.003772
	0.010782	0.022436	0.019601	0.011843	0.005543	0.011601
	-0.036630	-0.028773	-0.004919	0.015071	0.000955	0.009071
	0.013404	0.006515	-0.018377	-0.001115	-0.006051	0.003351
	0.019237	-0.021610	0.007583	0.010094	-0.000314	-0.022096
	-0.003601					

z102	0.017220	0.044144	0.004745	0.005482	-0.007601	-0.035540
	-0.028087	-0.023939	-0.003639	0.022956	-0.002794	-0.011582
	-0.000732	-0.018814	0.033507	0.009349	-0.022921	-0.000958
	0.023473	0.025898	0.025927	0.000092	0.035930	-0.021518
	-0.001341	0.013086	0.006167	-0.003137	0.008937	0.039826
	-0.013330					
x103	0.009123	0.004350	0.011873	-0.031787	-0.004929	-0.006307
	0.000010	0.024913	-0.002801	0.006801	-0.002492	0.018651
	-0.034900	-0.006310	-0.041451	0.000888	-0.014762	-0.035812
	0.054527	0.070955	0.006146	-0.001817	-0.012756	0.018229
	0.027794	-0.013659	-0.018799	-0.022765	-0.043595	-0.003210
	0.048333					
y103	-0.044223	0.028682	-0.033495	-0.008686	0.027184	0.001316
	0.008745	0.022364	0.023523	0.020594	0.002203	0.008279
	-0.033620	-0.042242	-0.009647	0.015304	0.001505	0.004131
	0.002727	0.003179	-0.019923	0.004604	-0.000040	-0.004406
	0.015602	-0.006245	0.012335	0.017089	-0.003277	-0.004781
	0.012009					
z103	0.023950	0.044808	0.002654	0.003184	-0.007770	-0.034604
	-0.031500	-0.028401	-0.003236	0.023367	-0.002716	-0.023676
	-0.003122	-0.023162	0.036256	0.014030	-0.033559	-0.006515
	0.010475	0.025204	0.019441	-0.000748	0.034707	-0.032599
	-0.001285	0.036316	0.013821	-0.008921	0.001565	0.060496
	0.005494					
x104	-0.016201	0.002088	0.018874	0.007264	0.022138	0.028846
	0.024737	0.033822	-0.014506	0.027604	0.015365	-0.004692
	-0.000630	-0.027923	0.005916	0.000659	-0.006673	0.003573
	0.014598	-0.029016	-0.002183	-0.046776	-0.010368	-0.038456
	-0.004231	0.016845	-0.000472	0.013777	-0.026970	0.002767
	0.002494					
y104	0.022458	0.001778	-0.029860	-0.031260	-0.035646	-0.001909
	-0.016368	-0.015072	0.004918	-0.024012	-0.039630	0.042546
	0.017928	-0.003625	0.021931	-0.008495	-0.010784	0.030855
	-0.018731	-0.005639	-0.020525	0.006766	0.023250	0.021209
	0.008786	-0.013473	0.002602	-0.011267	0.012757	0.001352
	-0.016844					
z104	-0.026185	0.005326	0.023681	-0.011068	0.015478	-0.025586
	-0.017468	0.014298	-0.000172	0.007224	0.009181	-0.037075
	0.008923	-0.005577	-0.007195	0.018139	-0.019416	-0.021463
	-0.018308	-0.026276	-0.002912	0.009260	-0.011861	-0.027565
	0.017834	-0.005506	0.050654	0.001260	0.021523	-0.002808
	-0.010505					

x105	-0.008871	-0.007204	0.021155	0.003764	0.014351	0.033083
	0.024325	0.022163	-0.021935	0.020299	0.001326	-0.008505
	-0.009373	-0.017347	0.016432	-0.004026	-0.003754	0.001453
	0.006150	-0.025468	-0.006914	-0.026302	-0.015781	-0.016597
	-0.011663	-0.002004	-0.010477	0.003994	-0.018979	-0.000612
	0.022076					
y105	0.020316	0.002107	-0.021914	-0.030637	-0.029547	0.007215
	-0.013149	-0.018132	0.006642	-0.013335	-0.027221	0.040797
	0.016895	-0.003904	0.027304	-0.000144	-0.017439	0.019559
	-0.012958	-0.007741	-0.011388	-0.003173	0.026039	0.025563
	0.001637	-0.004331	-0.000905	-0.004269	0.024966	-0.004707
	-0.017664					
z105	-0.027556	0.008544	0.025749	-0.010084	0.020247	-0.026331
	-0.013980	0.019428	-0.000415	0.004584	0.011567	-0.037812
	0.001484	-0.007350	-0.005418	0.011576	-0.017409	-0.033128
	-0.018669	-0.026736	-0.002467	0.015049	-0.009483	-0.032276
	0.014991	-0.008968	0.043050	-0.003135	0.016449	-0.011059
	-0.018554					
x106	-0.004171	-0.014676	0.022150	-0.001004	0.009129	0.036136
	0.027693	0.015129	-0.025590	0.014058	-0.005502	-0.005662
	-0.012617	-0.004054	0.023700	-0.007816	-0.002855	-0.004731
	-0.010129	-0.026611	-0.012594	-0.012824	-0.020449	0.005353
	-0.011495	-0.013695	-0.000927	-0.005909	-0.013175	-0.004461
	0.033404					
y106	0.014687	0.004535	-0.020129	-0.030090	-0.024290	0.008573
	-0.008798	-0.013241	0.008174	-0.008455	-0.009843	0.041561
	0.021071	-0.006016	0.024487	0.010415	-0.024070	0.011645
	-0.015345	-0.010196	-0.001443	-0.015966	0.027067	0.031529
	0.003398	0.013852	0.006594	0.007684	0.029082	-0.012030
	-0.027153					
z106	-0.027706	0.011154	0.026979	-0.008219	0.022801	-0.026518
	-0.011686	0.023150	0.000263	0.001517	0.013410	-0.038716
	-0.003581	-0.008981	-0.004533	0.005506	-0.014755	-0.040389
	-0.017901	-0.025030	-0.003182	0.018402	-0.007582	-0.036825
	0.010702	-0.011534	0.033777	-0.006074	0.010012	-0.017137
	-0.025613					
x107	-0.001729	-0.019597	0.021973	-0.006652	0.005198	0.033567
	0.026187	0.015368	-0.027732	0.007575	-0.004154	-0.007647
	-0.010817	0.000219	0.018779	-0.014846	-0.000381	-0.006710
	-0.019090	-0.018524	-0.015066	-0.004567	-0.020426	0.018740
	-0.008123	-0.019988	-0.002707	-0.002142	-0.011586	-0.005595
	0.028468					

y107	0.008741	0.006894	-0.018975	-0.029284	-0.018828	0.008074
	-0.007363	-0.006601	0.010089	-0.003902	0.004729	0.038459
	0.024580	-0.012469	0.017311	0.015911	-0.027769	0.008013
	-0.012811	-0.007910	0.005605	-0.026512	0.028496	0.028818
	0.005684	0.027648	0.005183	0.023659	0.030410	-0.015552
	-0.037955					
z107	-0.027104	0.012667	0.027393	-0.005755	0.022538	-0.026396
	-0.010728	0.024903	0.001144	-0.000350	0.013526	-0.038476
	-0.007062	-0.010876	-0.003990	0.002312	-0.012624	-0.044159
	-0.016741	-0.021845	-0.003817	0.020830	-0.007482	-0.039971
	0.005879	-0.013633	0.025835	-0.009483	0.005062	-0.022583
	-0.027724					
x108	0.000016	-0.021809	0.021241	-0.009298	0.003137	0.032156
	0.025268	0.017651	-0.030273	-0.001512	-0.001465	-0.006516
	-0.011628	-0.000021	0.016406	-0.012117	0.003517	0.000018
	-0.022197	-0.013138	-0.010725	0.000036	-0.022220	0.023779
	-0.006760	-0.015632	-0.011603	-0.000666	-0.015036	-0.013905
	0.020327					
y108	0.003267	0.008837	-0.017246	-0.027313	-0.013925	0.010596
	-0.005007	-0.002403	0.012291	0.000669	0.012277	0.036795
	0.023218	-0.016776	0.016046	0.020945	-0.030702	0.005072
	-0.010995	-0.007933	0.009233	-0.032358	0.027599	0.022613
	0.006809	0.036587	0.005461	0.032840	0.032337	-0.017372
	-0.041870					
z108	-0.025736	0.013139	0.026955	-0.003759	0.021217	-0.025571
	-0.010535	0.025534	0.001713	0.000262	0.012899	-0.038790
	-0.008346	-0.010720	-0.003502	0.000142	-0.011534	-0.044821
	-0.014423	-0.018660	-0.006156	0.022520	-0.006941	-0.042865
	0.000262	-0.015318	0.020694	-0.011865	0.002137	-0.025534
	-0.027433					
x109	-0.000262	-0.023621	0.022323	-0.009518	0.003646	0.031417
	0.022714	0.018368	-0.034456	-0.006657	0.001114	-0.008033
	-0.014727	-0.001977	0.018059	-0.009486	0.007054	0.005762
	-0.019480	-0.008234	-0.000330	0.003965	-0.021958	0.019854
	-0.006432	-0.006953	-0.017325	0.004908	-0.013904	-0.016093
	0.014531					
y109	-0.002202	0.010234	-0.015573	-0.025794	-0.010341	0.014926
	-0.002304	0.001156	0.015261	0.005886	0.014989	0.035494
	0.019881	-0.018675	0.013991	0.022937	-0.032755	0.000822
	-0.012124	-0.008031	0.007979	-0.034319	0.025177	0.018735
	0.007182	0.037063	0.008574	0.037593	0.033256	-0.014701
	-0.042147					

z109	-0.023530	0.013499	0.025789	-0.002496	0.019068	-0.024419
	-0.010765	0.025487	0.002913	0.002083	0.012652	-0.039248
	-0.007524	-0.009399	-0.003715	-0.000403	-0.011444	-0.042995
	-0.013108	-0.016331	-0.010064	0.022641	-0.006181	-0.044109
	-0.006166	-0.016799	0.016179	-0.013932	-0.001029	-0.026790
	-0.025280					
x110	-0.001503	-0.023630	0.023691	-0.009270	0.005012	0.032684
	0.023332	0.020932	-0.033884	-0.009870	0.006593	-0.005777
	-0.016551	-0.003493	0.016769	-0.003038	0.007794	0.007585
	-0.019958	-0.005835	0.009628	0.002042	-0.023438	0.019803
	-0.010221	-0.001870	-0.014667	0.009029	-0.012188	-0.019097
	0.012518					
y110	-0.007982	0.010271	-0.013922	-0.025106	-0.008015	0.020140
	-0.001045	0.004656	0.017386	0.011066	0.010692	0.033419
	0.012797	-0.020757	0.011227	0.018856	-0.034250	-0.001123
	-0.014345	-0.005181	0.003119	-0.029845	0.020755	0.013474
	0.010129	0.030224	0.010570	0.038381	0.030420	-0.008141
	-0.038841					
z110	-0.021086	0.012723	0.024237	-0.001549	0.016066	-0.022851
	-0.012407	0.024233	0.003606	0.004999	0.011366	-0.040037
	-0.005859	-0.007862	-0.003200	-0.000717	-0.012318	-0.037741
	-0.010953	-0.013612	-0.014355	0.023031	-0.006445	-0.047286
	-0.012694	-0.018385	0.013055	-0.013648	-0.003193	-0.024469
	-0.020699					
x111	-0.002285	-0.023644	0.025904	-0.012420	0.005261	0.035133
	0.023153	0.023241	-0.030691	-0.008173	0.010760	-0.004312
	-0.019237	-0.006865	0.014616	-0.000520	0.006627	0.008934
	-0.016715	0.001097	0.013114	0.003159	-0.022850	0.018942
	-0.008919	-0.002084	-0.021800	0.012041	-0.016083	-0.025059
	0.008454					
y111	-0.014360	0.009904	-0.011913	-0.024129	-0.005651	0.025630
	-0.000245	0.009548	0.017319	0.014450	0.000280	0.033552
	0.003742	-0.023279	0.006004	0.009871	-0.034577	-0.000248
	-0.021094	-0.002055	-0.007334	-0.020915	0.014026	0.007946
	0.016671	0.016702	0.017571	0.030969	0.022569	0.002528
	-0.032170					
z111	-0.018223	0.011220	0.022060	-0.000520	0.012154	-0.020569
	-0.015343	0.022029	0.004128	0.008653	0.009918	-0.040038
	-0.002653	-0.005971	-0.003424	0.001412	-0.014215	-0.029460
	-0.008704	-0.010935	-0.018919	0.021965	-0.007690	-0.050941
	-0.020562	-0.019820	0.012472	-0.011428	-0.004526	-0.018283
	-0.014974					

x112	-0.005414	-0.023201	0.028837	-0.015617	0.006570	0.040270
	0.020959	0.029212	-0.026672	-0.006528	0.007503	0.004812
	-0.020313	-0.009617	0.002904	-0.003222	0.002535	0.011158
	-0.018824	0.010594	0.007518	0.007233	-0.023432	0.016630
	-0.005852	-0.012325	-0.018524	0.006530	-0.025723	-0.021501
	-0.000218					
y112	-0.020273	0.011151	-0.009712	-0.022861	-0.003375	0.030104
	0.001368	0.012415	0.016946	0.019977	-0.007520	0.027336
	-0.007447	-0.026182	0.002453	0.002630	-0.031698	0.003907
	-0.024550	0.001761	-0.013695	-0.011300	0.005470	-0.001378
	0.025332	0.005939	0.020515	0.024019	0.014947	0.014612
	-0.026968					
z112	-0.013874	0.009825	0.018745	0.000014	0.006265	-0.018135
	-0.019552	0.018464	0.005655	0.013684	0.009556	-0.040778
	0.002775	-0.003931	-0.003029	0.005577	-0.016993	-0.018225
	-0.005875	-0.008435	-0.023340	0.017931	-0.008407	-0.053486
	-0.028409	-0.019234	0.012441	-0.008244	-0.004803	-0.010999
	-0.006424					
x113	-0.011023	-0.020590	0.032715	-0.019086	0.009563	0.046978
	0.019985	0.036661	-0.024376	-0.002225	0.007756	0.009459
	-0.025829	-0.013222	-0.008143	-0.006257	0.001526	0.015689
	-0.016368	0.027332	0.006962	0.010459	-0.028337	0.008443
	0.002067	-0.018408	-0.017400	0.003274	-0.036448	-0.013719
	-0.013220					
y113	-0.026583	0.011468	-0.012308	-0.015660	0.000371	0.029724
	0.004895	0.015010	0.021095	0.022706	-0.015104	0.022251
	-0.013775	-0.032969	0.005496	0.001388	-0.027096	0.004387
	-0.024839	-0.009345	-0.019618	-0.012116	0.000799	-0.010183
	0.025141	0.002037	0.022359	0.019636	0.007700	0.020765
	-0.009612					
z113	-0.008697	0.008368	0.013651	-0.000028	-0.000418	-0.015799
	-0.024420	0.013742	0.007921	0.019811	0.009039	-0.041209
	0.011070	-0.001617	-0.002920	0.012041	-0.019226	-0.003375
	-0.003400	-0.006727	-0.030145	0.011227	-0.007153	-0.053375
	-0.038270	-0.017557	0.012874	-0.006263	-0.005282	-0.003968
	0.003964					
x114	0.015336	0.013282	-0.007576	0.027443	0.017051	0.000846
	0.031744	-0.004558	0.002080	0.047922	0.006967	-0.024459
	0.000863	0.012008	0.022238	0.006043	-0.007106	0.015497
	0.002534	-0.020330	0.004780	-0.006286	0.005719	-0.064180
	-0.058602	-0.031505	0.042179	0.013894	-0.008111	0.016112
	0.002487					

y114	0.013000	0.006633	-0.041916	-0.003607	-0.013453	0.002575
	-0.007547	-0.011971	-0.024745	-0.025592	-0.028028	0.063785
	-0.007675	-0.014665	0.017260	-0.030598	-0.012786	0.046895
	0.020968	-0.000577	0.003986	0.006717	0.020592	-0.035649
	0.010129	-0.002262	0.024187	-0.000621	0.015390	0.000745
	0.048410					
z114	-0.029269	-0.011501	0.020647	-0.003708	-0.004048	0.025648
	-0.008129	0.019484	-0.002031	-0.011284	-0.017595	-0.044585
	0.017514	-0.014011	-0.012277	0.012455	-0.031652	-0.008780
	-0.001945	-0.011180	0.009974	-0.032592	-0.018995	0.048709
	0.001695	-0.015143	-0.004246	-0.044381	-0.006935	-0.021978
	-0.047585					
x115	0.017421	0.015360	-0.001951	0.020219	0.009802	0.003881
	0.033838	-0.004067	0.000750	0.047185	0.014786	-0.031759
	-0.005178	0.014486	0.015368	0.023698	-0.001370	0.016791
	0.002111	-0.020746	0.002151	0.002108	0.010291	-0.036871
	-0.053505	-0.028772	0.039621	0.015491	-0.007829	0.002466
	0.001809					
y115	0.007714	0.000290	-0.035113	0.003593	-0.009317	0.012488
	-0.007112	-0.009826	-0.016186	-0.014709	-0.026659	0.051544
	0.001576	-0.003494	0.006005	-0.029920	-0.018955	0.020884
	0.012093	-0.000637	0.001350	0.012953	0.018813	-0.020749
	-0.007903	0.004517	0.016418	0.010367	0.017428	-0.008372
	0.026853					
z115	-0.024998	-0.012136	0.021422	-0.007259	-0.005202	0.027160
	-0.006918	0.024210	-0.012768	-0.012647	-0.019927	-0.042164
	0.005369	-0.016512	-0.012068	0.003263	-0.027352	-0.000401
	0.000982	-0.011465	-0.000281	-0.030775	-0.022057	0.033586
	0.015103	-0.008916	-0.001808	-0.030100	-0.006423	-0.024024
	-0.031664					
x116	0.018993	0.016576	0.002556	0.012904	0.004436	0.006192
	0.035445	-0.002423	-0.001090	0.048651	0.020685	-0.039162
	-0.009632	0.019215	0.008136	0.038531	0.004381	0.018456
	0.002456	-0.020439	-0.003001	0.010148	0.015204	-0.012000
	-0.048402	-0.025503	0.036370	0.017747	-0.008666	-0.004969
	0.000758					
y116	0.001556	-0.005672	-0.030354	0.008114	-0.004543	0.015382
	-0.010103	-0.006725	-0.013775	0.002466	-0.022816	0.043033
	0.019222	0.013710	0.000978	-0.019652	-0.023229	-0.002802
	0.005805	-0.005554	-0.000832	0.017983	0.016308	0.004411
	-0.020924	0.014841	0.013349	0.020364	0.013485	-0.012701
	0.021446					

z116	-0.023427	-0.012644	0.024234	-0.011157	-0.002708	0.025279
	-0.011458	0.027038	-0.027433	-0.005215	-0.021413	-0.037959
	0.005326	-0.013439	-0.015472	0.010650	-0.019916	0.002417
	0.003866	-0.022579	-0.012128	-0.025048	-0.026654	0.039162
	0.030965	0.008689	0.003665	-0.022660	-0.016340	-0.010624
	-0.014851					
x117	0.020202	0.017698	0.006186	0.006238	-0.000512	0.007448
	0.036186	-0.000972	-0.001366	0.047788	0.025721	-0.043575
	-0.013365	0.022068	0.002580	0.049856	0.008059	0.021150
	0.002867	-0.018234	-0.006061	0.016667	0.020227	0.007944
	-0.041560	-0.021497	0.032684	0.018864	-0.009956	-0.011852
	0.001489					
y117	-0.002983	-0.008341	-0.029278	0.012290	-0.002697	0.017740
	-0.009681	-0.004876	-0.007266	0.011064	-0.017753	0.036994
	0.031380	0.021854	0.000548	-0.015558	-0.030680	-0.016443
	0.002401	-0.002169	0.001011	0.020558	0.016182	0.019227
	-0.033193	0.016429	0.011249	0.031304	0.013243	-0.022164
	0.010390					
z117	-0.020865	-0.010424	0.021637	-0.014668	-0.003485	0.021113
	-0.012945	0.029619	-0.034800	-0.004093	-0.018665	-0.031278
	0.007353	-0.017296	-0.011031	0.009579	-0.022635	0.013027
	0.008241	-0.019129	-0.014916	-0.023152	-0.023522	0.036523
	0.037189	0.015542	0.011618	-0.010699	-0.015701	-0.011513
	-0.003494					
x118	0.020523	0.017551	0.009525	0.000876	-0.003722	0.009552
	0.036473	0.000027	-0.001154	0.045256	0.028843	-0.044203
	-0.016916	0.024843	-0.000015	0.057609	0.010148	0.023206
	0.003559	-0.013618	-0.007304	0.023233	0.023430	0.020614
	-0.035200	-0.020877	0.024591	0.021114	-0.012282	-0.016822
	0.000320					
y118	-0.007075	-0.010454	-0.027913	0.016373	-0.000779	0.021451
	-0.008432	-0.003193	-0.000458	0.018276	-0.014761	0.031414
	0.037490	0.028423	-0.001322	-0.012487	-0.034685	-0.027726
	-0.000969	-0.001544	0.001523	0.022698	0.013621	0.028170
	-0.041435	0.015585	0.007094	0.036566	0.012746	-0.025986
	-0.000410					
z118	-0.019646	-0.010885	0.018937	-0.014890	-0.003799	0.022147
	-0.012709	0.030349	-0.041271	-0.006587	-0.019610	-0.025177
	0.008431	-0.014664	-0.004620	0.011778	-0.024216	0.021712
	0.009869	-0.016853	-0.013961	-0.017553	-0.025110	0.034998
	0.031254	0.006682	0.010220	0.002553	-0.016814	-0.012057
	-0.007619					

x119	0.020211	0.016703	0.012549	-0.003199	-0.005478	0.011375
	0.036901	0.001066	0.000294	0.041325	0.031223	-0.043122
	-0.019201	0.027850	-0.000109	0.061079	0.010816	0.023743
	0.003563	-0.006768	-0.007311	0.029023	0.026502	0.026874
	-0.029404	-0.021729	0.014763	0.023851	-0.016513	-0.022323
	-0.002115					
y119	-0.010645	-0.010794	-0.026601	0.019432	0.000695	0.024396
	-0.007651	-0.001177	0.005828	0.025564	-0.012267	0.024406
	0.040115	0.030396	-0.004263	-0.011187	-0.036820	-0.034996
	-0.003418	-0.002939	0.000341	0.023459	0.011032	0.031655
	-0.041978	0.017928	0.006478	0.036569	0.012263	-0.025082
	-0.004568					
z119	-0.019800	-0.012190	0.017998	-0.012768	-0.003522	0.022945
	-0.010957	0.032596	-0.043890	-0.009969	-0.019023	-0.020705
	0.009124	-0.011196	0.003352	0.012761	-0.023600	0.023088
	0.006735	-0.016597	-0.008711	-0.017015	-0.023364	0.029647
	0.023657	0.000014	0.008969	0.007758	-0.025045	-0.019859
	-0.010830					
x120	0.019299	0.015467	0.015354	-0.006936	-0.006189	0.012881
	0.036538	0.002648	0.002129	0.037310	0.032446	-0.040990
	-0.020912	0.031790	0.001267	0.061399	0.009370	0.023343
	0.003982	0.001508	-0.006446	0.034725	0.027579	0.030016
	-0.022495	-0.021972	0.003341	0.026975	-0.021002	-0.026694
	-0.001740					
y120	-0.013136	-0.008913	-0.025494	0.020870	0.001463	0.027406
	-0.008518	-0.000001	0.010700	0.033123	-0.011517	0.016449
	0.039411	0.026700	-0.009648	-0.010721	-0.038356	-0.035306
	-0.005198	-0.004860	-0.003471	0.024749	0.009818	0.031853
	-0.037183	0.020960	0.010753	0.034042	0.015339	-0.014338
	-0.007004					
z120	-0.021432	-0.013046	0.017987	-0.010169	-0.003067	0.024391
	-0.010482	0.036291	-0.043744	-0.011761	-0.018581	-0.021580
	0.008980	-0.006349	0.009225	0.012522	-0.023881	0.021442
	0.004715	-0.016954	-0.001575	-0.016339	-0.022291	0.026234
	0.019956	0.001720	0.000875	0.008492	-0.035832	-0.026216
	-0.004715					
x121	0.017833	0.013062	0.018077	-0.011148	-0.005718	0.013921
	0.033452	0.004684	0.003329	0.032907	0.030104	-0.035837
	-0.022631	0.034469	0.004592	0.057003	0.005413	0.023675
	0.005348	0.010606	-0.007051	0.040542	0.026523	0.030894
	-0.012263	-0.021310	-0.005019	0.031860	-0.023242	-0.025269
	-0.000684					

y121	-0.013109	-0.004015	-0.024858	0.019578	0.000957	0.031682
	-0.012026	0.000424	0.016309	0.039051	-0.014559	0.008281
	0.036739	0.016317	-0.016008	-0.011487	-0.037846	-0.030452
	-0.009690	-0.004712	-0.008100	0.022972	0.012309	0.026639
	-0.029976	0.023380	0.015706	0.024199	0.019191	0.001469
	-0.010441					
z121	-0.023783	-0.014228	0.021280	-0.007836	-0.001764	0.026724
	-0.012576	0.037468	-0.045323	-0.009553	-0.021841	-0.024103
	0.010556	-0.008020	0.003843	0.012525	-0.030009	0.022032
	0.002716	-0.019553	0.000150	-0.008321	-0.015051	0.028147
	0.010478	0.006552	0.004293	0.008114	-0.029452	-0.016736
	-0.003299					
x122	0.016130	0.009813	0.020278	-0.015215	-0.004363	0.015578
	0.026924	0.006871	0.004826	0.026992	0.021981	-0.026880
	-0.023198	0.035235	0.009035	0.046222	0.001299	0.024823
	0.004779	0.021697	-0.008026	0.046906	0.022771	0.025754
	-0.000079	-0.018077	-0.009651	0.033256	-0.022644	-0.017442
	-0.001342					
y122	-0.012025	0.003522	-0.024739	0.017335	0.000029	0.035431
	-0.011440	0.001980	0.024109	0.041923	-0.012314	0.000441
	0.031090	0.004228	-0.021377	-0.011670	-0.037669	-0.022402
	-0.013762	-0.005137	-0.010241	0.015334	0.017630	0.015021
	-0.016342	0.019121	0.013347	0.014003	0.016669	0.012727
	-0.008255					
z122	-0.024541	-0.014028	0.024926	-0.007092	-0.000773	0.032351
	-0.022695	0.036232	-0.044843	-0.004610	-0.035099	-0.030397
	0.014877	-0.016698	-0.004957	0.011970	-0.033121	0.023033
	-0.006763	-0.017812	0.001605	0.000006	-0.003975	0.026052
	-0.005515	0.016801	0.010028	-0.005926	-0.015017	0.003769
	-0.013071					
x123	0.014961	0.007730	0.020665	-0.016368	-0.001789	0.017310
	0.021891	0.009026	0.008799	0.021469	0.016890	-0.016359
	-0.020149	0.036564	0.010577	0.033557	-0.002151	0.026888
	0.001597	0.031323	-0.008677	0.050042	0.019993	0.017902
	0.011970	-0.014052	-0.021314	0.026693	-0.026886	-0.005831
	-0.003112					
y123	-0.015952	0.005992	-0.027500	0.018576	0.001517	0.034409
	-0.004324	0.005326	0.029288	0.041878	-0.010607	-0.001477
	0.014501	-0.000934	-0.016010	-0.019701	-0.035992	-0.011175
	-0.005861	-0.008938	-0.008252	0.013043	0.003583	0.003145
	0.003967	0.009741	0.017090	0.010828	0.010361	0.006457
	0.021203					

z123	-0.025598	-0.011514	0.028145	-0.003382	0.000011	0.037677
	-0.029200	0.036452	-0.040254	0.001426	-0.039469	-0.038154
	0.016735	-0.021890	-0.015091	0.017017	-0.039969	0.026614
	-0.019612	-0.020079	0.004250	0.001429	0.005951	0.025150
	-0.021582	0.021788	0.005980	-0.023678	-0.008998	0.022670
	-0.025671					
x124	-0.034240	-0.039575	0.017650	-0.001672	-0.084708	-0.003829
	0.025312	-0.024180	0.036207	-0.046106	0.015547	0.025460
	0.021085	-0.032372	0.024364	0.057422	-0.066195	-0.046431
	0.030637	-0.030480	-0.036750	-0.070759	0.061871	0.074099
	-0.080215	0.026289	-0.063477	-0.025168	-0.047443	0.030423
	0.005971					
y124	0.059991	0.026828	0.034506	-0.079100	-0.018251	0.000323
	0.016226	-0.042106	0.027370	0.058691	-0.024853	-0.019036
	-0.039444	-0.136009	-0.003786	-0.018515	-0.111796	-0.024029
	0.058877	0.035187	-0.014605	0.049980	0.080980	-0.018633
	-0.108201	-0.012497	-0.015242	-0.138578	-0.011598	0.039018
	0.059649					
z124	-0.004482	0.021333	0.042262	0.065938	-0.071197	-0.005879
	0.020372	-0.017204	-0.033826	0.000528	0.032808	-0.030972
	0.022164	0.040704	-0.143699	-0.028564	-0.125837	0.028577
	-0.023814	-0.041079	0.036963	0.079445	0.115725	-0.026555
	0.022792	-0.052707	0.103462	0.122720	0.090568	0.027232
	0.069404					
x125	-0.033714	-0.033987	0.007532	0.042888	-0.075507	-0.030034
	0.038857	-0.018182	0.028493	-0.017858	0.088757	0.017526
	-0.048849	0.014207	0.045012	-0.007348	-0.133434	-0.015738
	0.062403	-0.058479	-0.075734	-0.077632	-0.037521	0.076743
	-0.039891	-0.019607	-0.118341	0.073904	-0.050636	0.004661
	0.000738					
y125	0.046011	0.027534	0.030598	-0.032194	-0.000465	0.007166
	0.021686	-0.044323	0.034783	0.055396	0.041196	-0.018749
	-0.119338	-0.039794	0.049990	-0.043413	-0.126776	0.005987
	0.075777	-0.018301	-0.051030	0.005809	0.010389	0.056622
	-0.074550	-0.039012	-0.049399	-0.054885	-0.018329	-0.026531
	-0.026488					
z125	-0.025891	0.007319	0.036098	0.151503	-0.061707	-0.062856
	0.026800	-0.011274	-0.002994	0.028565	0.171134	0.002730
	-0.134757	0.153446	-0.080064	-0.033180	-0.248664	0.112533
	0.047052	-0.117588	0.014351	0.011989	-0.078435	-0.008545
	0.061939	-0.077166	-0.025612	0.233552	0.044095	0.024222
	-0.029863					

x126	-0.011711	-0.015954	-0.003717	0.013613	-0.073918	0.011240
	0.042928	-0.033663	0.021280	-0.062405	-0.008776	0.010412
	-0.012877	-0.049230	0.036578	0.034572	-0.070471	-0.057086
	0.027787	-0.015664	-0.044299	0.004755	-0.020471	0.069144
	-0.056486	-0.003913	-0.080506	-0.000578	-0.061289	0.007276
	0.043946					
y126	0.047919	0.038110	0.021993	-0.066353	0.024552	0.051900
	-0.011466	-0.057102	0.046427	0.006728	-0.009383	-0.031555
	-0.086541	-0.055596	0.065188	-0.029624	-0.038073	-0.026953
	-0.010887	0.042276	0.005639	-0.004474	0.035363	0.083150
	-0.101658	-0.004174	-0.033480	-0.063043	0.008785	-0.024033
	-0.037835					
z126	0.005317	0.027569	0.050900	0.065543	-0.055474	-0.021132
	0.004173	-0.062258	0.003274	-0.063667	-0.015648	0.013512
	-0.044705	-0.011995	-0.069589	0.088191	-0.114865	0.062151
	-0.046714	-0.014563	0.084102	0.048864	0.007796	-0.008824
	0.020728	-0.000977	0.014352	0.029914	-0.003872	0.035719
	-0.004171					
x127	-0.001653	-0.010681	-0.011012	0.015655	-0.058004	-0.006436
	0.045973	-0.045448	-0.001955	-0.057207	-0.029376	-0.004278
	-0.006685	-0.052527	0.033055	0.030587	-0.065721	-0.059260
	0.034859	-0.005751	-0.064724	-0.000711	0.012686	0.046485
	0.010127	-0.008579	-0.065852	0.030212	-0.067929	-0.043310
	0.091176					
y127	0.048291	0.038594	0.022789	-0.060491	0.029544	0.052850
	-0.005636	-0.085284	0.033726	-0.001632	0.004107	-0.049998
	-0.094584	-0.059655	0.105576	-0.019863	-0.018754	-0.032496
	-0.049150	0.032509	-0.006303	-0.019687	0.038884	0.103892
	-0.067619	-0.030479	-0.028840	-0.046923	0.023987	-0.035377
	0.002937					
z127	0.005536	0.029683	0.056353	0.055408	-0.050573	-0.035434
	0.002010	-0.077106	-0.004609	-0.070164	-0.015703	0.022803
	-0.059162	-0.036414	-0.070557	0.111106	-0.098116	0.065755
	-0.064119	0.007357	0.071107	0.037033	0.012896	-0.012176
	0.037643	-0.002900	0.005128	0.019245	-0.021482	0.001485
	-0.020562					
x128	0.005361	-0.001005	-0.007289	0.022349	-0.044899	-0.009853
	0.047243	-0.041343	-0.023232	-0.060968	-0.019392	-0.009441
	-0.003808	-0.055041	0.023656	-0.021576	-0.039311	-0.022863
	0.022256	0.004646	-0.053351	-0.027294	-0.012562	0.014143
	0.023087	-0.043946	-0.024356	0.006402	-0.097767	-0.107262
	0.073352					

y128	0.029875	0.049502	0.033372	-0.047105	0.032397	0.077800
	0.001025	-0.087459	0.019575	-0.013029	0.031460	-0.056092
	-0.113482	-0.046689	0.095021	-0.009583	0.025494	-0.035717
	-0.091512	0.025438	0.036740	-0.044561	0.042643	0.110746
	-0.079589	-0.054776	-0.018870	-0.044117	0.064608	-0.042996
	-0.003695					
z128	-0.001693	0.033909	0.056342	0.045144	-0.041641	-0.035149
	-0.004280	-0.074839	-0.011252	-0.060405	0.008952	0.038335
	-0.063449	-0.049231	-0.055126	0.105627	-0.070022	0.052175
	-0.081276	0.017585	0.078033	0.011725	-0.009686	-0.032574
	0.013961	-0.015309	0.034867	0.014202	-0.043292	-0.036093
	-0.022009					
x129	0.008475	-0.007961	-0.002809	0.008254	-0.018483	-0.025713
	0.049744	-0.016504	-0.035262	-0.031331	-0.009711	-0.013236
	0.035147	-0.033719	0.013809	-0.060168	-0.020457	-0.001520
	-0.003185	0.014404	-0.083011	-0.045376	-0.023415	-0.021248
	0.018012	-0.010879	-0.019967	0.089152	-0.024293	-0.107363
	0.089764					
y129	0.026867	0.043546	0.031810	-0.055072	0.041525	0.082121
	0.008799	-0.055114	0.016455	0.000715	0.055503	-0.065876
	-0.090141	-0.003339	0.070455	-0.056173	0.022913	-0.022522
	-0.089866	0.038764	0.017772	-0.045967	0.046017	0.084944
	-0.092342	-0.060667	-0.009398	0.022378	0.113048	-0.023391
	0.011100					
z129	-0.013528	0.015623	0.048127	0.008208	-0.012067	-0.042452
	-0.004511	-0.025941	-0.022259	-0.020174	0.054088	0.038945
	-0.010321	0.005611	-0.048152	0.043725	-0.056570	0.049904
	-0.078265	0.027548	0.007160	-0.039494	-0.003528	-0.067006
	-0.041338	-0.004917	0.050098	0.093838	0.015548	0.013325
	0.021465					
x130	0.019016	-0.011791	0.006420	0.021284	-0.030884	-0.028133
	0.035255	-0.016445	-0.032314	-0.038880	-0.026681	-0.026264
	0.064067	-0.019134	0.025288	-0.066544	-0.012711	-0.029356
	-0.016008	0.022792	-0.028934	-0.030830	-0.069760	-0.019479
	0.079074	0.004333	-0.013988	0.051309	-0.023491	-0.095701
	-0.027772					
y130	0.030491	0.046373	0.028045	-0.045600	0.016948	0.085414
	-0.003444	-0.036548	0.031883	-0.011218	0.050150	-0.061051
	-0.074047	0.009387	0.066145	-0.075430	0.025139	-0.030370
	-0.075587	0.038745	0.035668	-0.052515	-0.000432	0.064763
	-0.018565	-0.045327	0.006890	0.050062	0.098490	-0.028133
	-0.020706					

z130	-0.016481	0.012686	0.044209	-0.003492	-0.012818	-0.035259
	-0.015097	-0.034096	-0.029389	-0.025284	0.057881	0.038834
	-0.003186	0.029977	-0.022655	0.053730	-0.062706	0.024430
	-0.068765	0.038107	0.019379	-0.041239	-0.032400	-0.038089
	-0.044519	-0.021708	0.027033	0.049111	0.005815	0.015306
	-0.009603					
x131	0.025098	-0.016473	0.009991	0.031454	-0.035737	-0.034334
	0.026149	-0.007405	-0.017141	-0.028638	-0.061861	-0.025199
	0.037756	-0.014558	0.025816	-0.045669	0.008625	-0.004268
	-0.002919	0.046289	-0.030755	0.020885	-0.052630	-0.002409
	0.079728	-0.003318	0.019876	0.057788	-0.038305	-0.046835
	-0.078019					
y131	0.032759	0.044334	0.025540	-0.030700	0.004126	0.078161
	0.000683	-0.026933	0.038033	0.002425	0.031849	-0.062040
	-0.066903	0.034153	0.054213	-0.060695	0.030405	-0.008170
	-0.066900	0.050074	0.047976	-0.029518	-0.001384	0.046141
	0.016731	-0.013581	0.043709	0.080692	0.082765	0.002632
	-0.022831					
z131	-0.021451	0.011150	0.033302	-0.010238	-0.006924	-0.028776
	-0.026551	-0.034629	-0.036344	-0.021920	0.065466	0.041122
	0.004314	0.050432	-0.000542	0.050594	-0.056179	0.016539
	-0.064330	0.054463	0.022683	-0.025495	-0.045601	-0.009830
	-0.045709	-0.002725	0.040591	0.022440	-0.007918	0.047821
	-0.030919					
x132	0.030746	-0.016528	0.016247	0.042539	-0.032224	-0.037367
	0.020479	-0.004843	-0.005880	-0.031287	-0.107002	-0.029439
	0.006712	-0.038779	0.020693	-0.042261	0.008421	0.006824
	0.031838	0.002241	-0.038321	0.016176	-0.016879	-0.025909
	0.076375	-0.003335	0.034873	0.055968	-0.059977	-0.027995
	-0.033750					
y132	0.031336	0.037220	0.022788	-0.015911	-0.005384	0.069426
	0.014931	-0.018574	0.029463	0.006498	-0.007037	-0.079559
	-0.049442	0.039507	0.044695	-0.044003	0.008039	-0.010333
	-0.023295	-0.002096	0.031936	-0.023280	-0.001569	0.009649
	0.024390	0.024039	0.030847	0.044768	0.056718	0.040461
	0.025044					
z132	-0.020135	0.014855	0.022899	-0.011408	-0.000726	-0.027117
	-0.030357	-0.033240	-0.044905	-0.018373	0.071638	0.042257
	0.009192	0.048353	0.008005	0.013465	-0.035698	0.015412
	-0.052150	0.027869	0.024765	0.001187	-0.039499	0.005290
	-0.027199	0.004399	0.048904	-0.000741	-0.062652	0.075453
	-0.004352					

x133	0.037627	-0.016347	0.022435	0.050126	-0.025043	-0.040042
	0.013221	-0.008301	0.015466	-0.028615	-0.127389	-0.023814
	-0.010107	-0.063340	0.028249	-0.033722	0.015131	0.018903
	0.026623	0.003264	-0.032478	0.003726	-0.000894	-0.013881
	0.059915	-0.019361	0.057824	0.057074	-0.062244	-0.022513
	-0.052651					
y133	0.030551	0.026242	0.011878	-0.000544	-0.015206	0.057420
	0.027474	-0.004427	0.029827	0.021550	-0.024718	-0.084264
	-0.037620	0.048240	0.034913	-0.024181	-0.025972	0.000137
	0.017084	-0.017641	0.028728	-0.017840	-0.032424	-0.024849
	0.034905	0.036703	0.004849	0.027479	0.027055	0.053968
	0.050010					
z133	-0.019946	0.022424	0.006552	-0.022482	0.012935	-0.012814
	-0.031975	-0.039772	-0.052932	-0.011578	0.094865	0.047233
	0.020531	0.069212	0.023797	-0.017990	-0.028892	0.004121
	-0.058191	0.045325	0.034493	0.005163	-0.035384	0.048997
	-0.042362	-0.028620	0.068247	-0.017488	-0.063307	0.072579
	0.000245					
x134	0.040239	-0.010062	0.017789	0.045000	-0.030617	-0.039132
	0.014014	-0.010585	0.014772	-0.030507	-0.130577	-0.045903
	-0.016158	-0.054451	0.026745	-0.043076	0.029751	0.010960
	0.031543	0.002103	-0.020727	0.007566	0.010618	-0.016240
	0.026664	-0.015276	0.049388	0.052235	-0.042826	-0.012779
	-0.057916					
y134	0.031999	0.023865	0.009211	0.001554	-0.017445	0.044700
	0.028462	-0.006218	0.018933	0.021543	-0.045298	-0.080957
	-0.023517	0.047319	0.041527	-0.026278	-0.021421	0.014469
	0.029238	-0.019633	0.024566	-0.034615	-0.006777	-0.035782
	0.040031	0.034764	0.001090	0.011162	0.022696	0.029874
	0.028653					
z134	-0.011502	0.020825	0.012069	-0.015786	0.011166	-0.013590
	-0.028003	-0.033017	-0.052019	-0.015421	0.091006	0.040275
	0.018805	0.051720	0.031119	-0.021474	-0.017159	0.017360
	-0.057217	0.036895	0.010775	0.000202	-0.032199	0.041922
	-0.040744	-0.039487	0.072768	-0.047340	-0.051205	0.063342
	-0.016580					
x135	0.040329	-0.006054	0.010164	0.038480	-0.031489	-0.033663
	0.012315	-0.011645	0.020160	-0.031168	-0.131782	-0.055387
	-0.021235	-0.042957	0.021036	-0.042873	0.030790	-0.000642
	0.032909	0.008099	-0.005288	0.027784	0.009234	-0.000613
	0.001042	0.004185	0.049619	0.060450	-0.021539	-0.014159
	-0.049591					

y135	0.031457	0.022041	0.005750	0.002809	-0.020190	0.035515
	0.028782	-0.008348	0.012089	0.021627	-0.064574	-0.071350
	-0.014673	0.045009	0.040102	-0.024987	-0.025770	0.021647
	0.035040	-0.019757	0.021742	-0.036626	0.013985	-0.026407
	0.037935	0.042226	0.013428	0.009610	0.026404	0.010090
	0.023857					
z135	-0.006096	0.017553	0.011773	-0.011592	0.013656	-0.011390
	-0.026841	-0.027432	-0.043073	-0.020128	0.082836	0.043600
	0.017181	0.040798	0.031361	-0.016624	-0.024369	0.020193
	-0.060495	0.039820	-0.003561	0.023071	-0.036478	0.061499
	-0.034292	-0.020786	0.087539	-0.051713	-0.038576	0.045347
	-0.015198					
x136	0.040018	-0.003841	0.004221	0.031172	-0.032409	-0.028883
	0.011737	-0.008395	0.020901	-0.029868	-0.123592	-0.065356
	-0.023670	-0.028310	0.014143	-0.045922	0.038650	-0.011988
	0.035319	0.010969	0.005410	0.035106	0.001992	0.003582
	-0.009716	0.013214	0.041816	0.064110	0.004825	-0.013720
	-0.046691					
y136	0.031862	0.019157	0.004890	0.000412	-0.021904	0.027116
	0.030467	-0.009247	0.004083	0.021970	-0.073923	-0.063661
	-0.005212	0.050568	0.034837	-0.028010	-0.023063	0.024709
	0.041042	-0.019565	0.019567	-0.039978	0.021129	-0.030521
	0.043406	0.042222	0.001320	0.012017	0.028323	-0.004028
	0.012098					
z136	-0.000742	0.014331	0.014849	-0.010447	0.014016	-0.011633
	-0.022793	-0.021799	-0.041385	-0.018293	0.077713	0.043631
	0.014857	0.036560	0.025000	-0.020266	-0.016103	0.019208
	-0.057075	0.035992	-0.019189	0.029776	-0.046301	0.061714
	-0.022636	-0.017169	0.077193	-0.052275	-0.019326	0.030367
	-0.021598					
x137	0.038413	-0.002349	-0.003333	0.025883	-0.030893	-0.023824
	0.009032	-0.005415	0.021249	-0.033805	-0.112678	-0.072058
	-0.025456	-0.017265	0.010776	-0.040374	0.041393	-0.019987
	0.034819	0.014077	0.013381	0.039887	0.002756	-0.000847
	-0.018159	0.015052	0.042154	0.065526	0.019755	-0.019183
	-0.053471					
y137	0.031682	0.016000	0.004331	-0.001078	-0.019441	0.020021
	0.031706	-0.011747	-0.002136	0.018581	-0.080942	-0.057868
	-0.000402	0.050372	0.029542	-0.025453	-0.023013	0.024772
	0.046313	-0.017046	0.017361	-0.037771	0.037014	-0.038328
	0.044484	0.033307	0.000518	0.020816	0.027044	-0.012105
	-0.005605					

z137	0.004204	0.011009	0.017400	-0.008334	0.016027	-0.012937
	-0.019829	-0.017811	-0.039395	-0.019855	0.068215	0.039118
	0.007090	0.029287	0.021837	-0.021118	-0.010632	0.013703
	-0.052517	0.034660	-0.033616	0.037312	-0.039607	0.054085
	-0.017674	-0.024391	0.072939	-0.045300	-0.010482	0.011082
	-0.035254					
x138	0.036996	-0.000955	-0.011919	0.022717	-0.027772	-0.016494
	0.003045	0.000545	0.024043	-0.036568	-0.100646	-0.077663
	-0.024259	-0.006203	0.008692	-0.032571	0.040905	-0.020887
	0.031901	0.007631	0.031282	0.037598	0.002707	-0.007308
	-0.028475	0.021850	0.039564	0.056631	0.021014	-0.029978
	-0.040158					
y138	0.031402	0.014340	0.003584	-0.000648	-0.014510	0.013782
	0.028854	-0.011823	-0.000007	0.018054	-0.090627	-0.055054
	0.004411	0.052296	0.027193	-0.025719	-0.025499	0.026265
	0.049808	-0.023539	0.029258	-0.041934	0.046949	-0.047780
	0.036678	0.026537	-0.005231	0.021949	0.012372	-0.015717
	-0.003934					
z138	0.009678	0.009363	0.018839	-0.005726	0.018511	-0.011009
	-0.020393	-0.013907	-0.035376	-0.019169	0.053197	0.029753
	0.000367	0.025121	0.023313	-0.024630	-0.006745	0.011978
	-0.047663	0.029985	-0.033148	0.038382	-0.030446	0.041051
	-0.023543	-0.027485	0.068736	-0.040602	-0.015311	-0.002819
	-0.036307					
x139	0.035434	-0.000840	-0.020813	0.018984	-0.024194	-0.006874
	-0.002643	0.009109	0.023863	-0.039224	-0.079636	-0.078160
	-0.021704	0.004866	0.010208	-0.018840	0.040291	-0.020135
	0.026161	0.003266	0.045644	0.035976	-0.000791	-0.006901
	-0.024915	0.035001	0.035644	0.040558	0.027174	-0.042052
	-0.020103					
y139	0.032366	0.012239	0.002442	-0.002260	-0.010289	0.010201
	0.027060	-0.010379	-0.000712	0.016608	-0.086737	-0.053647
	0.005480	0.052942	0.024383	-0.020481	-0.022448	0.024985
	0.046854	-0.025009	0.036854	-0.039524	0.055942	-0.043654
	0.037210	0.028122	-0.015664	0.024267	-0.002677	-0.015363
	0.010022					
z139	0.016313	0.008734	0.019248	-0.005209	0.019353	-0.007782
	-0.020106	-0.009193	-0.033844	-0.015847	0.041821	0.019916
	-0.006045	0.022604	0.026883	-0.024501	0.002259	0.007726
	-0.041425	0.027810	-0.033613	0.044535	-0.016977	0.040522
	-0.024596	-0.020750	0.050760	-0.040119	-0.013804	-0.009382
	-0.018335					

x140	0.031459	-0.001235	-0.030283	0.016327	-0.017903	0.003218
	-0.008244	0.017521	0.023854	-0.041683	-0.053128	-0.071060
	-0.016461	0.016561	0.013761	-0.000869	0.032698	-0.016903
	0.020730	0.001721	0.054778	0.029024	-0.013660	-0.010304
	-0.014650	0.041302	0.040204	0.019581	0.033785	-0.056746
	-0.014779					
y140	0.030610	0.012176	0.001765	-0.002271	-0.005161	0.006573
	0.024479	-0.012232	0.003252	0.014901	-0.083103	-0.047883
	0.011734	0.053910	0.016883	-0.016750	-0.028187	0.023408
	0.045903	-0.024575	0.042402	-0.037516	0.054327	-0.041644
	0.036745	0.020863	-0.010103	0.027855	-0.011125	-0.003218
	0.013417					
z140	0.019337	0.008703	0.018089	-0.003074	0.019600	-0.007158
	-0.019333	-0.008660	-0.031758	-0.011157	0.027280	0.011358
	-0.009683	0.018648	0.026752	-0.029597	0.001419	0.001083
	-0.032118	0.027408	-0.037608	0.042813	-0.013465	0.036487
	-0.025316	-0.018479	0.041227	-0.045262	-0.012569	-0.013330
	-0.005167					
x141	0.026796	-0.003577	-0.040473	0.015448	-0.010466	0.014717
	-0.014709	0.028269	0.022744	-0.046424	-0.019492	-0.059705
	-0.009483	0.029300	0.019272	0.022773	0.024048	-0.008765
	0.012127	-0.002337	0.061868	0.020736	-0.027614	-0.016382
	0.002629	0.049070	0.048956	-0.002400	0.033490	-0.077276
	-0.014531					
y141	0.029031	0.009204	0.001225	-0.003412	0.001166	0.007011
	0.023305	-0.010582	0.002960	0.012271	-0.068941	-0.041029
	0.012981	0.053464	0.013610	-0.005119	-0.026490	0.018496
	0.033595	-0.017857	0.048496	-0.030633	0.049505	-0.039589
	0.041943	0.018087	-0.010711	0.038607	-0.023049	0.003409
	0.013901					
z141	0.020717	0.005736	0.015894	-0.000698	0.021119	-0.004422
	-0.017622	-0.007433	-0.036722	-0.006742	0.019126	0.010415
	-0.015795	0.018112	0.025201	-0.022432	0.006466	0.001623
	-0.026302	0.027811	-0.037755	0.047035	-0.010160	0.020764
	-0.026156	-0.016338	0.041920	-0.031078	-0.019147	-0.024691
	-0.016189					
x142	0.021744	-0.007257	-0.051033	0.015890	-0.001786	0.027754
	-0.022019	0.041061	0.023646	-0.051881	0.018051	-0.044365
	-0.000686	0.041582	0.026760	0.051587	0.012008	0.000420
	-0.000657	-0.007916	0.071477	0.005095	-0.039604	-0.025919
	0.020876	0.055707	0.050887	-0.031812	0.029216	-0.103302
	-0.003300					

y142	0.028684	0.006982	0.002959	-0.003224	0.008499	0.007670
	0.022916	-0.008706	0.008912	0.006220	-0.048930	-0.038250
	0.013617	0.055247	0.008223	0.004100	-0.028670	0.008540
	0.011921	-0.011174	0.052678	-0.023964	0.046167	-0.033666
	0.044206	0.013884	-0.011771	0.044754	-0.031766	0.013995
	0.016807					
z142	0.023926	0.003041	0.014744	0.003477	0.020503	-0.004957
	-0.013306	-0.004426	-0.034664	-0.004596	0.013928	0.007224
	-0.023293	0.024709	0.027644	-0.020650	0.008597	-0.000826
	-0.028501	0.022974	-0.041084	0.042103	-0.000467	0.015336
	-0.023659	-0.017296	0.035187	-0.027023	-0.022372	-0.035627
	-0.015416					
x143	0.013849	-0.005285	-0.049497	0.009541	-0.003345	0.025132
	-0.013304	0.039506	0.018248	-0.045320	0.022284	-0.028130
	0.006872	0.006859	0.004866	0.057046	0.006996	-0.008316
	0.001138	-0.011182	0.071354	-0.004848	-0.019529	-0.026580
	0.017286	0.028796	0.055191	-0.025611	0.042005	-0.094706
	0.029414					
y143	0.030102	0.005790	0.010076	-0.013892	0.006951	-0.001250
	0.018278	-0.009995	0.008907	0.005766	-0.038416	-0.037657
	0.016760	0.042517	-0.002823	-0.005299	-0.022372	-0.003522
	0.000135	-0.008933	0.050990	-0.013134	0.024328	-0.026870
	0.040421	0.012962	-0.034242	0.038729	-0.041686	0.027689
	-0.013088					
z143	0.027111	-0.003058	0.009638	0.005224	0.023598	-0.000645
	-0.014241	-0.002191	-0.027729	-0.002183	0.018238	0.008035
	-0.022418	0.022935	0.026747	-0.009536	0.005033	-0.004013
	-0.015470	0.022088	-0.028090	0.044852	0.009935	-0.012648
	-0.004696	-0.012921	0.023072	-0.011087	-0.025904	-0.035310
	-0.006802					
x144	0.005950	-0.004791	-0.047219	0.005483	-0.004818	0.023224
	-0.006224	0.036509	0.012190	-0.040004	0.023107	-0.014914
	0.014691	-0.020843	-0.016176	0.060877	0.005087	-0.017706
	0.001671	-0.012966	0.065609	-0.011502	-0.004523	-0.025354
	0.011133	0.006189	0.055948	-0.018387	0.051327	-0.082382
	0.051306					
y144	0.030657	0.004256	0.020186	-0.020648	0.004173	-0.010592
	0.017150	-0.009672	0.008073	0.009592	-0.033318	-0.040858
	0.010494	0.035284	-0.010788	-0.005974	-0.018930	-0.016352
	-0.020936	-0.008440	0.053965	-0.012022	0.019973	-0.000004
	0.019786	0.017401	-0.055440	0.023604	-0.050867	0.027548
	0.002147					

z144	0.028665	-0.007087	0.007109	0.007231	0.026612	-0.003369
	-0.007134	0.003594	-0.028584	-0.000390	0.018445	0.009897
	-0.023566	0.024617	0.029748	0.003338	0.002678	-0.004829
	-0.012189	0.008672	-0.013923	0.040609	0.019660	-0.020496
	0.002288	-0.019595	0.018402	-0.019013	-0.039851	-0.035947
	0.032006					
x145	-0.000081	-0.005544	-0.042768	0.003421	-0.007232	0.021075
	0.000325	0.033796	0.008568	-0.033587	0.021325	-0.006281
	0.021791	-0.039411	-0.029138	0.063371	0.001994	-0.027797
	-0.003966	-0.015675	0.054949	-0.018073	0.005751	-0.011718
	0.004595	-0.006569	0.049818	-0.021177	0.056028	-0.068805
	0.065610					
y145	0.025637	0.000353	0.023754	-0.022502	0.006233	-0.013013
	0.010564	-0.012021	0.001037	0.013398	-0.027817	-0.035528
	0.013961	0.020122	-0.025665	0.014652	0.001093	-0.033870
	-0.032815	-0.015378	0.045729	0.001836	0.007631	0.009210
	0.011840	0.011667	-0.057878	0.021301	-0.066533	0.049874
	-0.046617					
z145	0.025636	-0.011427	0.001408	0.009602	0.032229	-0.006780
	0.001481	0.005053	-0.031628	-0.001597	0.021866	0.017174
	-0.015403	0.012146	0.017587	0.017047	0.013497	-0.009952
	-0.000169	-0.005085	-0.010152	0.050575	0.020161	-0.043407
	0.004558	-0.040533	0.015220	-0.009108	-0.054738	-0.035842
	0.023201					
x146	-0.005941	-0.004031	-0.043711	-0.000283	-0.008772	0.021723
	0.001167	0.031428	0.010277	-0.033581	0.021754	0.001369
	0.023207	-0.047548	-0.044811	0.056483	-0.002103	-0.023941
	-0.011981	-0.003163	0.064201	-0.023739	0.012426	-0.014804
	-0.003225	-0.005198	0.057263	-0.009475	0.066691	-0.054035
	0.083191					
y146	0.030047	0.002288	0.029580	-0.030020	0.001772	-0.020405
	0.013174	-0.012413	0.000073	0.008415	-0.021279	-0.032231
	0.009910	0.006644	-0.027153	0.002947	-0.000558	-0.030911
	-0.028670	-0.014353	0.044417	0.007953	0.004311	0.011883
	0.014764	0.001355	-0.062041	0.008878	-0.056785	0.037397
	-0.043854					
z146	0.026005	-0.013883	-0.000730	0.007412	0.035808	-0.004797
	0.004900	0.005658	-0.030030	-0.003806	0.024601	0.018841
	-0.014394	0.013696	0.018236	0.020776	0.013889	-0.008220
	0.013307	-0.004935	0.003946	0.040993	0.024928	-0.051275
	0.007819	-0.042662	-0.002762	-0.004454	-0.040121	-0.027356
	0.018909					

x147	-0.010356	-0.004042	-0.040315	-0.002833	-0.011539	0.019575
	0.005238	0.028156	0.010664	-0.032005	0.023914	0.003514
	0.027386	-0.050704	-0.053394	0.053921	-0.003331	-0.027850
	-0.019407	0.001990	0.055331	-0.022301	0.017512	0.001928
	-0.006368	0.002485	0.045733	-0.009499	0.061142	-0.038705
	0.083877					
y147	0.027854	-0.000176	0.033518	-0.028076	0.002156	-0.022708
	0.008136	-0.013258	0.001924	0.009374	-0.031639	-0.026701
	0.013445	0.003596	-0.037317	0.012295	0.005478	-0.035722
	-0.032675	-0.020401	0.042028	0.011813	-0.008657	0.017803
	0.002941	-0.004452	-0.054741	-0.003412	-0.057686	0.044791
	-0.061438					
z147	0.024857	-0.015567	-0.004445	0.007103	0.038465	-0.006560
	0.012325	0.007017	-0.023695	-0.002870	0.018645	0.023436
	-0.004501	0.013651	0.012917	0.023011	0.017387	-0.010095
	0.016011	-0.016069	0.012077	0.027352	0.021020	-0.048324
	-0.003694	-0.052247	-0.007039	-0.003603	-0.032681	-0.024922
	0.022835					
x148	-0.014280	-0.002334	-0.036114	-0.004907	-0.011794	0.014462
	0.007721	0.022950	0.014737	-0.031473	0.018966	0.007352
	0.029744	-0.049891	-0.052039	0.046249	-0.002221	-0.027714
	-0.022234	-0.000245	0.042026	-0.024703	0.011103	0.014367
	-0.017663	0.009163	0.036502	-0.006649	0.056783	-0.029168
	0.083326					
y148	0.030265	-0.000777	0.036207	-0.029414	-0.004624	-0.020430
	0.008210	-0.011696	-0.001584	0.004741	-0.025196	-0.024886
	0.002931	-0.004510	-0.045080	0.014754	0.003092	-0.032761
	-0.040091	-0.010835	0.051281	0.023015	0.000030	0.015211
	0.014071	-0.001443	-0.036079	-0.006807	-0.032525	0.026080
	-0.043162					
z148	0.022870	-0.017893	-0.008197	0.002990	0.035764	-0.009355
	0.020399	0.008484	-0.020877	-0.001634	0.023552	0.019809
	0.002536	0.008175	0.014518	0.020555	0.021525	-0.014775
	0.021422	-0.017860	0.018397	0.021380	0.028920	-0.038027
	0.007421	-0.048171	-0.016628	-0.002091	-0.025823	-0.016848
	0.021242					
x149	-0.020409	-0.001323	-0.031097	-0.005038	-0.012729	0.015175
	0.011785	0.020370	0.015342	-0.028232	0.012076	0.007092
	0.026158	-0.050751	-0.041865	0.033129	-0.007651	-0.024570
	-0.024910	0.011191	0.036458	-0.019959	0.006472	0.021685
	-0.018883	0.003735	0.025818	-0.005070	0.053203	-0.021393
	0.083511					

y149	0.030903	-0.005578	0.036826	-0.024082	-0.007306	-0.018267
	0.003086	-0.010623	0.000504	0.000769	-0.032425	-0.024652
	0.004463	0.004296	-0.050535	0.031962	0.013964	-0.037969
	-0.053865	-0.014013	0.044498	0.022294	-0.001342	0.029789
	0.015114	0.015527	-0.028708	-0.015008	-0.037579	0.024099
	-0.044241					
z149	0.018595	-0.019734	-0.008712	-0.001105	0.033088	-0.015902
	0.026016	0.005482	-0.014651	-0.000589	0.022283	0.018989
	0.008208	0.006790	0.017932	0.019112	0.025190	-0.021448
	0.021798	-0.029915	0.020561	0.014455	0.026987	-0.023250
	0.005591	-0.030906	-0.012106	0.000877	-0.009554	-0.005560
	0.028283					
x150	-0.014693	-0.006947	-0.028374	-0.008810	-0.014972	0.011205
	0.014175	0.011705	0.020625	-0.062162	0.004338	-0.003871
	0.039943	-0.010391	-0.047140	-0.013020	-0.007997	-0.000362
	-0.017068	0.033461	0.013342	-0.012431	-0.001714	0.043057
	-0.024370	0.032565	-0.021179	-0.009411	0.017756	0.006849
	0.066843					
y150	0.020769	0.001773	0.035929	-0.015075	-0.013845	-0.012053
	-0.006001	-0.004617	0.006083	0.031664	-0.037246	-0.006473
	-0.015148	-0.022060	-0.029235	0.076781	0.016453	-0.059533
	-0.069728	-0.033656	0.066706	0.012795	0.018541	0.019545
	0.022011	0.009356	0.038543	-0.020759	0.004313	-0.022522
	-0.004794					
z150	0.014996	-0.018028	-0.007544	-0.008584	0.033240	-0.021891
	0.034257	0.000867	-0.006800	0.001846	0.021556	0.007513
	0.014823	0.006150	0.024184	0.012487	0.023611	-0.024557
	0.027135	-0.028444	0.020028	0.000415	0.020300	-0.001091
	0.001102	-0.015315	-0.023119	0.018094	0.007860	0.020133
	0.022308					
x151	-0.022304	-0.007692	-0.026886	-0.000595	-0.019972	0.012861
	0.012006	0.010169	0.022486	-0.047882	-0.005517	0.001020
	0.029199	-0.004110	-0.040817	-0.012554	-0.002251	-0.005590
	-0.029936	0.034974	0.016427	-0.008686	-0.011329	0.056141
	-0.034442	0.046600	-0.019070	-0.025928	0.012171	0.013361
	0.021850					
y151	0.024973	-0.000305	0.034368	-0.012993	-0.019218	-0.005742
	-0.006188	-0.001851	0.006564	0.018715	-0.041627	-0.011233
	-0.024025	-0.013122	-0.019180	0.083539	0.018904	-0.050679
	-0.074929	-0.020732	0.059159	0.013715	0.031142	0.028538
	0.040461	0.030188	0.057237	-0.023348	0.025628	-0.046240
	0.038152					

z151	0.006527	-0.014046	-0.005772	-0.016463	0.029363	-0.026671
	0.039518	-0.006049	0.002272	0.010906	0.021528	0.000903
	0.021397	0.002017	0.035449	0.008385	0.026175	-0.028238
	0.024088	-0.034776	0.018829	-0.005173	0.019534	0.023430
	-0.002935	-0.002110	-0.018837	0.021253	0.033626	0.030522
	0.028224					
x152	-0.025016	-0.004274	-0.026384	0.003737	-0.027909	0.015629
	0.006560	0.007938	0.016129	-0.039916	-0.005680	0.006031
	0.021691	-0.007811	-0.040229	0.000167	-0.002988	-0.008997
	-0.045781	0.020762	0.019746	0.008828	-0.011824	0.047892
	-0.048035	0.042895	-0.007079	-0.037040	0.005713	-0.009683
	0.002116					
y152	0.023989	-0.006235	0.028206	-0.008612	-0.014191	-0.006807
	-0.008100	-0.006691	0.009010	0.004933	-0.042127	-0.016019
	-0.006667	0.000610	-0.017453	0.079933	0.026319	-0.040170
	-0.066399	-0.021468	0.042975	0.014624	0.026380	0.018225
	0.037704	0.039322	0.034577	-0.018233	-0.000107	-0.010600
	0.011739					
z152	0.000123	-0.010494	-0.004799	-0.011492	0.017982	-0.015107
	0.044424	-0.009634	0.003236	0.009436	0.019733	-0.000651
	0.016442	0.003236	0.037057	0.012225	0.019794	-0.027103
	0.018202	-0.035833	0.018146	-0.001720	0.016523	0.025747
	-0.028360	0.006654	-0.015196	0.012598	0.033721	0.012602
	0.013101					
x153	-0.026108	0.001075	-0.027020	0.006555	-0.023908	0.016141
	0.005484	0.005499	0.009863	-0.038069	-0.007950	0.016173
	0.022695	-0.006450	-0.041775	0.009023	-0.004690	-0.009883
	-0.061419	0.019589	0.014521	0.008373	-0.022691	0.036155
	-0.034873	0.030852	-0.007101	-0.035822	0.015151	-0.026742
	0.005197					
y153	0.022479	-0.012777	0.025025	-0.004658	-0.013000	-0.007026
	-0.009298	-0.011015	0.012344	-0.004677	-0.043820	-0.025901
	0.003086	0.013363	-0.018720	0.074967	0.032028	-0.036239
	-0.059773	-0.023684	0.030921	0.020689	0.027708	0.020607
	0.025433	0.052028	0.012452	-0.018417	-0.021703	0.016952
	-0.002372					
z153	-0.006087	-0.006881	-0.004104	-0.007360	0.008820	-0.004914
	0.044892	-0.014961	0.004649	0.007948	0.017791	-0.000471
	0.013063	0.006722	0.035012	0.014124	0.017556	-0.019764
	0.010906	-0.035812	0.013369	0.001443	0.012573	0.023789
	-0.039427	0.008027	-0.009735	0.000122	0.030875	-0.011317
	-0.001074					

x154	-0.027829	0.001790	-0.026045	0.006186	-0.019119	0.013594
	0.003652	0.007104	0.007240	-0.038397	-0.017047	0.016274
	0.019870	-0.009307	-0.050227	0.011480	-0.000629	-0.008539
	-0.067403	0.012207	0.014259	0.016235	-0.020865	0.022558
	-0.023687	0.033854	-0.020096	-0.026599	0.017226	-0.025946
	0.008292					
y154	0.024145	-0.015425	0.022612	-0.002361	-0.015795	-0.009730
	-0.009027	-0.009738	0.020157	-0.012644	-0.044089	-0.035016
	0.006175	0.027701	-0.010812	0.058383	0.030618	-0.034312
	-0.062158	-0.018625	0.033561	0.013775	0.026786	0.022450
	0.011929	0.064293	-0.017332	-0.027005	-0.028874	0.009982
	0.026291					
z154	-0.012501	-0.005934	-0.003565	-0.003538	0.004090	0.004038
	0.044566	-0.020587	0.003060	0.002625	0.010815	0.000279
	0.012835	0.007724	0.025989	0.019543	0.018253	-0.014352
	0.009000	-0.036737	0.006017	0.009002	0.007976	0.017615
	-0.047552	0.008595	-0.003507	0.002364	0.025826	-0.014836
	-0.028054					
x155	-0.028849	0.005264	-0.025275	0.003660	-0.014906	0.010945
	-0.000508	0.005922	0.002818	-0.036575	-0.015142	0.017484
	0.018776	-0.013311	-0.043954	0.014336	-0.000393	-0.014550
	-0.061455	0.011230	0.011965	0.015739	-0.019331	0.013856
	-0.006775	0.036948	-0.028223	-0.025756	0.025360	-0.008701
	0.009087					
y155	0.022024	-0.016036	0.017722	-0.000082	-0.011374	-0.010918
	-0.010723	-0.015777	0.019051	-0.023507	-0.042438	-0.037251
	0.014966	0.033129	-0.023160	0.051642	0.031010	-0.022603
	-0.049010	-0.020374	0.025240	0.026225	0.026855	0.011064
	0.009484	0.057112	-0.013294	-0.017825	-0.033197	0.033704
	-0.004088					
z155	-0.017191	-0.005158	-0.001652	-0.001088	-0.002427	0.011920
	0.043243	-0.022532	0.004193	-0.000118	0.006121	-0.001314
	0.009829	0.010783	0.027267	0.022772	0.017886	-0.019440
	0.002458	-0.032455	0.004486	0.006101	0.004406	0.017847
	-0.052308	0.018015	-0.012718	-0.002592	0.024589	-0.019671
	-0.022325					
x156	-0.028904	0.011623	-0.023625	0.003312	-0.008987	0.008480
	-0.001446	0.004964	0.003519	-0.031996	-0.012063	0.021718
	0.022432	-0.015274	-0.042525	0.017757	-0.004036	-0.014560
	-0.060284	0.013071	0.013231	0.013086	-0.010740	0.007177
	0.005776	0.031385	-0.033692	-0.032649	0.030114	-0.003332
	-0.000197					

y156	0.019966	-0.018370	0.013749	0.001327	-0.009320	-0.013823
	-0.013119	-0.017417	0.019452	-0.030693	-0.041458	-0.043733
	0.017697	0.037591	-0.025225	0.041615	0.034521	-0.020059
	-0.041486	-0.021027	0.017060	0.031495	0.024467	0.005464
	0.009136	0.054755	-0.018288	-0.007564	-0.035503	0.045250
	-0.012658					
z156	-0.021276	-0.001084	0.000487	0.002220	-0.006345	0.019255
	0.041723	-0.026167	0.009298	-0.002510	0.003122	0.002135
	0.013104	0.012866	0.019852	0.030868	0.014109	-0.024103
	-0.004551	-0.025528	0.002497	0.000882	0.009723	0.014721
	-0.051281	0.019539	-0.020344	-0.010316	0.021577	-0.020630
	-0.029642					
x157	-0.028961	0.013475	-0.023466	0.002106	0.000338	0.005751
	-0.004787	0.007674	-0.002897	-0.027021	-0.008969	0.023902
	0.020420	-0.024928	-0.034398	0.015584	-0.004225	-0.010865
	-0.053953	0.005851	0.023203	0.012420	-0.013924	0.003326
	0.012248	0.031929	-0.029477	-0.040228	0.029221	0.002570
	0.003980					
y157	0.017669	-0.017247	0.013722	0.002459	-0.008780	-0.016519
	-0.012772	-0.020800	0.021212	-0.037236	-0.038070	-0.052544
	0.019456	0.041791	-0.041534	0.031295	0.028890	-0.019487
	-0.031468	-0.021152	0.011605	0.042298	0.025402	-0.000884
	0.005746	0.045017	-0.021421	0.003855	-0.022981	0.053554
	-0.021172					
z157	-0.026509	-0.000476	0.001324	0.004461	-0.007164	0.025558
	0.035738	-0.027421	0.007917	-0.003148	-0.002726	0.007021
	0.011736	0.007340	0.020942	0.038572	0.014708	-0.028934
	-0.010295	-0.019935	0.008639	-0.005004	0.008443	0.012147
	-0.044342	0.029455	-0.019968	-0.018912	0.010766	-0.019681
	-0.018297					
x158	-0.026989	0.014473	-0.019852	0.000935	0.009583	0.000356
	-0.003346	0.010021	-0.006373	-0.026353	-0.005291	0.018001
	0.018526	-0.029326	-0.032685	0.006616	-0.004653	-0.009218
	-0.039373	-0.001177	0.023992	0.012191	-0.016691	0.006036
	0.009312	0.030789	-0.029528	-0.027199	0.036063	0.007982
	-0.008936					
y158	0.012309	-0.017452	0.012880	0.004247	-0.006159	-0.018345
	-0.017717	-0.019823	0.022963	-0.040326	-0.037279	-0.058744
	0.021547	0.048328	-0.049886	0.025267	0.032756	-0.027047
	-0.030039	-0.018397	0.011263	0.042196	0.019677	0.000266
	0.005911	0.039940	-0.035557	0.003594	-0.026817	0.057031
	-0.028582					

z158	-0.027765	0.000489	0.003816	0.005121	-0.008486	0.028351
	0.033950	-0.030086	0.010118	-0.012875	-0.008368	0.005464
	0.009459	0.006188	0.011309	0.036803	0.010881	-0.031201
	-0.004967	-0.012342	0.003994	-0.008187	0.008624	0.005375
	-0.041458	0.034611	-0.020824	-0.003742	0.001031	-0.014109
	-0.019590					
x159	-0.025230	0.017229	-0.018305	-0.003137	0.020314	-0.004779
	-0.003792	0.014312	-0.009244	-0.022140	0.004549	0.016963
	0.015763	-0.037488	-0.028648	-0.004317	-0.005054	0.001647
	-0.026446	-0.002782	0.032310	0.013856	-0.017112	0.005302
	0.013294	0.020875	-0.027616	-0.026599	0.051880	0.009293
	-0.016342					
y159	0.008988	-0.013730	0.011973	0.003559	-0.005108	-0.024482
	-0.020287	-0.016287	0.026691	-0.043702	-0.035515	-0.064815
	0.016014	0.049501	-0.051026	0.005304	0.030828	-0.032828
	-0.022082	-0.016638	0.019991	0.037034	0.018132	-0.001804
	0.007807	0.033422	-0.041759	0.005121	-0.018282	0.043856
	-0.011675					
z159	-0.031576	0.001998	0.004696	0.004906	-0.008200	0.033612
	0.028001	-0.033135	0.010888	-0.017980	-0.009307	0.009829
	0.011685	0.001090	-0.006039	0.054219	0.010677	-0.038296
	-0.009406	-0.001729	-0.003451	-0.003157	0.011873	-0.001326
	-0.023847	0.028110	-0.024381	0.005151	-0.003612	0.000897
	-0.037692					
x160	-0.021704	0.018116	-0.016568	-0.006633	0.032848	-0.011262
	-0.004702	0.018547	-0.013600	-0.016131	0.014843	0.011608
	0.013285	-0.046753	-0.020654	-0.020675	-0.004695	0.014447
	-0.007625	-0.008131	0.044120	0.011901	-0.020344	0.003835
	0.010488	0.014088	-0.019241	-0.028766	0.070615	0.018521
	-0.016661					
y160	0.002218	-0.006955	0.011259	0.001101	-0.001661	-0.028240
	-0.023591	-0.013058	0.026839	-0.052197	-0.030794	-0.065329
	0.010452	0.044329	-0.062262	-0.008859	0.031711	-0.039148
	-0.005443	-0.015222	0.023196	0.038601	0.018472	-0.004930
	0.023265	0.016642	-0.043220	0.016485	-0.015994	0.039399
	-0.026424					
z160	-0.032901	-0.001265	0.007890	0.005997	-0.007265	0.036079
	0.019466	-0.032529	0.010848	-0.014308	-0.014538	0.006349
	0.010762	0.000596	-0.016947	0.054006	0.012383	-0.041542
	-0.018492	0.006947	0.002438	-0.009577	0.011072	-0.012033
	-0.019699	0.026214	-0.027966	0.005715	0.006924	0.007564
	-0.008813					

x161	-0.019813	0.018912	-0.018266	-0.006724	0.032348	-0.015188
	0.001628	0.015788	-0.017114	-0.011247	0.011626	0.020388
	0.009413	-0.033027	-0.005430	-0.006198	0.002863	0.011463
	0.001748	-0.016784	0.035738	0.010155	-0.038917	-0.006107
	0.001022	0.024856	-0.018507	-0.026276	0.066427	0.006076
	-0.002399					
y161	0.000863	-0.007643	0.010218	0.003428	-0.003990	-0.033262
	-0.026425	-0.009563	0.024540	-0.054808	-0.019918	-0.054393
	0.001763	0.034456	-0.059635	-0.008648	0.025590	-0.038453
	-0.001655	-0.020387	0.018295	0.029992	0.008190	-0.000261
	0.012313	0.012819	-0.042492	-0.001317	-0.005526	0.030501
	-0.018943					
z161	-0.033377	-0.003242	0.010911	0.007681	0.002682	0.037283
	0.018085	-0.031526	0.016009	-0.019428	-0.014936	0.004356
	0.015487	-0.005730	-0.024543	0.055720	0.005889	-0.025152
	-0.022384	0.016896	0.008371	-0.022258	0.002553	-0.014003
	-0.017181	0.026669	-0.032395	0.009385	0.019192	0.014161
	-0.009143					
x162	-0.017957	0.020684	-0.020084	-0.007313	0.029912	-0.020519
	0.006826	0.012131	-0.020249	-0.009015	0.008123	0.028986
	0.006791	-0.018528	0.007167	0.002701	0.008852	0.007631
	0.010547	-0.022802	0.028371	0.007406	-0.054570	-0.011236
	-0.008245	0.033632	-0.011893	-0.024395	0.063650	-0.006198
	0.005711					
y162	0.000381	-0.005906	0.010718	0.005663	-0.002959	-0.038990
	-0.025276	-0.013053	0.025131	-0.054302	-0.009736	-0.047032
	-0.002716	0.027748	-0.058288	-0.011334	0.015601	-0.032184
	0.007788	-0.018158	0.016749	0.022970	0.004259	-0.000623
	-0.001688	0.009333	-0.045513	-0.008482	0.010367	0.018360
	-0.021734					
z162	-0.036436	-0.004737	0.011341	0.005944	0.003441	0.037265
	0.011372	-0.025069	0.012570	-0.025292	-0.014281	0.004069
	0.007901	-0.013245	-0.027881	0.060305	0.007993	-0.018835
	-0.030409	0.015089	0.011297	-0.027517	-0.006022	-0.017081
	-0.003991	0.034533	-0.033135	0.011868	0.036167	0.028414
	0.002563					
x163	-0.016055	0.021340	-0.021683	-0.007320	0.027522	-0.023956
	0.010756	0.009272	-0.023450	-0.005359	0.004789	0.034418
	0.005473	-0.007024	0.018714	0.009422	0.013925	0.003333
	0.018045	-0.026921	0.022443	0.005624	-0.064690	-0.015058
	-0.015549	0.040823	-0.007571	-0.020145	0.054368	-0.013063
	0.008991					

y163	-0.002975	-0.005120	0.008549	0.008842	-0.003211	-0.040069
	-0.023721	-0.010617	0.025100	-0.052213	-0.001704	-0.038058
	-0.004116	0.022429	-0.051572	-0.012933	0.011116	-0.029864
	0.007774	-0.022628	0.013293	0.017450	-0.003325	-0.002947
	-0.008743	0.014024	-0.044860	-0.013636	0.009262	0.017550
	-0.017635					
z163	-0.036052	-0.004648	0.013472	0.003656	0.007590	0.031068
	0.009011	-0.024064	0.011250	-0.030567	-0.018236	0.006852
	-0.000168	-0.016926	-0.032363	0.064092	0.010781	-0.005433
	-0.028730	0.017978	0.010672	-0.031214	-0.012687	-0.012084
	-0.001540	0.026917	-0.036356	0.010916	0.057018	0.022830
	0.000129					
x164	-0.012611	0.021952	-0.022996	-0.007368	0.025601	-0.027039
	0.013058	0.006390	-0.027641	-0.003468	0.004454	0.037231
	0.002932	0.000143	0.022672	0.014481	0.019433	0.001179
	0.025268	-0.030410	0.023210	0.005916	-0.067890	-0.016356
	-0.017858	0.047527	-0.002970	-0.015905	0.047188	-0.015850
	0.020889					
y164	-0.004718	-0.002188	0.008857	0.009276	-0.002150	-0.045265
	-0.020918	-0.011104	0.022028	-0.051159	0.008773	-0.033390
	-0.009705	0.015084	-0.052790	-0.009204	0.004504	-0.021068
	0.010542	-0.026017	0.016394	0.020080	-0.002045	-0.002867
	-0.013255	0.015677	-0.044058	-0.016636	0.025072	0.010171
	-0.006888					
z164	-0.037154	-0.003273	0.012752	0.004434	0.008635	0.030711
	0.007437	-0.022981	0.016988	-0.032897	-0.023733	0.012837
	-0.000739	-0.016536	-0.032678	0.055183	0.015944	-0.004754
	-0.020563	0.016361	0.000047	-0.037232	-0.027883	-0.018576
	-0.001663	0.024405	-0.030585	0.021491	0.056200	0.017760
	-0.005045					
x165	-0.009818	0.024355	-0.023910	-0.008046	0.022299	-0.029914
	0.015564	0.004935	-0.027470	-0.000506	0.000451	0.040492
	0.006175	0.005651	0.026568	0.014562	0.021343	0.000164
	0.030154	-0.028547	0.022527	-0.000273	-0.068093	-0.014772
	-0.015895	0.051364	-0.000146	-0.002691	0.039414	-0.025781
	0.014403					
y165	-0.007988	0.003847	0.006757	0.009291	-0.002056	-0.049798
	-0.015624	-0.007231	0.026102	-0.047429	0.012159	-0.024805
	-0.007222	0.007780	-0.046645	-0.010230	0.003191	-0.012114
	0.012423	-0.031417	0.011755	0.014924	-0.003775	-0.006997
	-0.006221	0.020801	-0.051472	-0.006364	0.029188	-0.009789
	-0.012953					

z165	-0.037035	-0.002944	0.011740	0.003633	0.010318	0.030536
	0.005512	-0.024429	0.013319	-0.033411	-0.021766	0.016746
	-0.009946	-0.014915	-0.035388	0.054218	0.023068	0.000056
	-0.017215	0.015401	-0.000393	-0.034722	-0.029134	-0.012473
	-0.006206	0.021035	-0.017100	0.024834	0.061755	0.028455
	0.003040					
x166	-0.006677	0.023930	-0.024803	-0.009252	0.019828	-0.033726
	0.011910	-0.000086	-0.031538	-0.002292	0.002043	0.041288
	0.001854	0.010415	0.026052	0.011119	0.031956	-0.009488
	0.036769	-0.025879	0.026252	0.002352	-0.067885	-0.013351
	-0.017867	0.055349	0.013367	0.007122	0.031705	-0.029680
	0.025918					
y166	-0.012200	0.006699	0.004065	0.007668	0.000162	-0.055723
	-0.013950	-0.008703	0.023929	-0.047895	0.018969	-0.016048
	-0.016959	0.006149	-0.042416	-0.010370	0.013972	-0.014735
	0.014623	-0.036030	0.008557	0.023179	-0.013674	-0.013547
	-0.007615	0.024383	-0.038655	-0.002062	0.037215	-0.024377
	0.005707					
z166	-0.035336	0.000471	0.012468	0.004610	0.011951	0.028543
	0.006576	-0.023280	0.015462	-0.031552	-0.026324	0.024429
	-0.008696	-0.011689	-0.034629	0.050811	0.028392	0.009751
	-0.004373	0.008334	-0.005063	-0.034817	-0.036450	-0.013516
	-0.013606	0.012589	-0.010626	0.030677	0.061368	0.027941
	0.001094					
x167	-0.003117	0.025498	-0.024531	-0.008383	0.017921	-0.033826
	0.009237	-0.002910	-0.031101	0.000669	-0.000219	0.040770
	0.004773	0.013759	0.021241	0.008853	0.030878	-0.014671
	0.040976	-0.021596	0.033562	0.000034	-0.058730	0.000711
	-0.019317	0.054866	0.026287	0.014959	0.026630	-0.020072
	0.018730					
y167	-0.016308	0.013561	0.004502	0.008640	0.003669	-0.057797
	-0.009549	-0.011533	0.026542	-0.038879	0.021555	-0.015356
	-0.017978	0.002369	-0.040646	-0.005022	0.006716	-0.011145
	0.020464	-0.039732	0.005516	0.028365	-0.007829	-0.009408
	-0.010148	0.032630	-0.032561	0.008836	0.049813	-0.023768
	-0.001805					
z167	-0.033797	0.004210	0.010961	0.001787	0.008475	0.024728
	0.007130	-0.022983	0.012917	-0.032245	-0.022277	0.032018
	-0.011744	-0.009819	-0.033249	0.043272	0.049126	0.012310
	0.006935	0.002645	-0.014285	-0.030431	-0.045781	-0.016347
	-0.012227	0.009280	-0.009886	0.049513	0.052664	0.014665
	0.007269					

x168	0.000772	0.025286	-0.024758	-0.008590	0.013332	-0.032473
	0.006033	-0.004877	-0.035028	0.001914	-0.003031	0.038851
	0.005489	0.014232	0.019373	-0.002424	0.032774	-0.017411
	0.044876	-0.012993	0.039775	0.000511	-0.046490	0.007003
	-0.009954	0.054873	0.030812	0.028469	0.011234	-0.013946
	0.010685					
y168	-0.021694	0.019025	0.001142	0.007010	0.003969	-0.057779
	-0.004408	-0.009589	0.026177	-0.030671	0.019109	-0.011807
	-0.020952	0.001810	-0.026367	-0.006969	0.011909	-0.004682
	0.022796	-0.044970	-0.003938	0.036923	-0.006883	-0.022249
	0.007925	0.041913	-0.039653	0.027967	0.040712	-0.031597
	-0.005573					
z168	-0.033278	0.009991	0.010570	0.000818	0.009230	0.018553
	0.008047	-0.025916	0.013206	-0.029181	-0.021729	0.043608
	-0.015442	-0.008099	-0.035616	0.037432	0.065576	0.014913
	0.018072	-0.008848	-0.014784	-0.022819	-0.055189	-0.009054
	-0.023396	0.004823	0.014176	0.065597	0.059065	0.008501
	0.013863					
x169	0.005942	0.023469	-0.024340	-0.006883	0.010344	-0.031709
	0.002414	-0.006066	-0.034508	-0.000971	-0.000608	0.036014
	0.005681	0.012797	0.014713	-0.013503	0.030852	-0.023934
	0.051157	0.003996	0.046285	-0.002520	-0.026067	0.012774
	-0.011068	0.041132	0.042200	0.032577	-0.004720	-0.006343
	-0.001484					
y169	-0.024861	0.024732	-0.002558	0.006458	0.006085	-0.059270
	0.005810	-0.006621	0.031610	-0.027815	0.023761	-0.005185
	-0.022908	0.007488	-0.020066	0.000026	0.011917	-0.006307
	0.026178	-0.050753	-0.019114	0.043363	0.002045	-0.031096
	0.010135	0.036872	-0.030775	0.031100	0.032319	-0.042488
	0.001339					
z169	-0.032717	0.017121	0.009324	0.000397	0.008305	0.012655
	0.008643	-0.028295	0.010894	-0.024454	-0.024036	0.054093
	-0.018184	-0.008261	-0.035039	0.027981	0.089476	0.016439
	0.031464	-0.022572	-0.017210	-0.011859	-0.065304	-0.005177
	-0.025835	0.003961	0.033299	0.095511	0.061180	-0.004511
	0.017167					
x170	0.008834	0.020374	-0.018596	-0.006902	0.004482	-0.035486
	0.000495	-0.001351	-0.040664	-0.001833	0.000772	0.027509
	0.010151	0.021516	0.017790	-0.015751	0.023155	-0.016279
	0.042836	0.023967	0.059919	-0.007402	-0.019363	0.028155
	0.001066	0.049615	0.040093	0.017156	-0.022664	0.017560
	-0.002132					

y170	-0.027792	0.028894	-0.006530	0.006075	-0.001567	-0.059892
	0.009280	-0.007204	0.028569	-0.014544	0.022799	0.002487
	-0.024577	0.003495	-0.013516	0.005877	0.014710	0.002271
	0.026856	-0.050356	-0.007559	0.058051	-0.007641	-0.019981
	0.023648	0.029902	-0.012773	0.028590	0.020640	-0.029217
	-0.012224					
z170	-0.027929	0.018758	0.009487	-0.000635	0.001511	0.007264
	0.010600	-0.030064	0.005715	-0.022048	-0.022181	0.053642
	-0.020972	-0.003917	-0.023886	0.022039	0.086573	0.025221
	0.026827	-0.020645	-0.014040	-0.003916	-0.062052	0.000113
	-0.002221	-0.000290	0.028213	0.081985	0.047496	0.006339
	0.016469					
x171	0.012855	0.017823	-0.012984	-0.006075	0.001026	-0.034325
	-0.000347	0.002670	-0.042686	-0.008318	0.007502	0.019371
	0.016406	0.026094	0.020531	-0.015795	0.013631	-0.013501
	0.028595	0.040130	0.063899	-0.018494	-0.015619	0.024567
	0.001839	0.049066	0.031592	-0.004601	-0.031248	0.025546
	-0.017504					
y171	-0.028089	0.032089	-0.009572	0.004204	-0.007901	-0.052882
	0.013062	-0.008876	0.026551	-0.013291	0.027029	0.005038
	-0.020111	-0.000163	-0.004639	0.010274	0.007664	-0.000541
	0.021272	-0.054506	-0.009034	0.061955	-0.025676	-0.033078
	0.027839	0.017958	-0.005906	0.007404	0.018612	-0.028976
	-0.022237					
z171	-0.023791	0.019970	0.008079	0.000075	-0.003745	-0.001481
	0.011086	-0.029693	0.002975	-0.017863	-0.021132	0.052922
	-0.023349	-0.001123	-0.018703	0.019209	0.085786	0.033686
	0.025118	-0.016251	-0.005328	0.002305	-0.050114	0.010926
	0.016727	-0.000433	0.024732	0.082022	0.029159	0.019347
	0.013162					
x172	0.014338	0.015852	-0.008621	-0.005412	0.000102	-0.035993
	-0.000759	0.005150	-0.044320	-0.012165	0.007273	0.013041
	0.013660	0.024664	0.023165	-0.013690	0.004707	-0.003845
	0.021788	0.053890	0.056096	-0.027124	0.003565	0.036559
	0.002733	0.048738	0.024269	-0.024951	-0.047316	0.041691
	-0.007510					
y172	-0.029244	0.035685	-0.015923	0.000908	-0.011163	-0.049452
	0.015455	-0.013053	0.024346	-0.014197	0.020285	0.004918
	-0.029284	-0.007232	0.006843	0.013075	-0.002359	0.013700
	0.024083	-0.048440	-0.019319	0.060689	-0.008542	-0.018835
	0.027898	0.012191	0.000689	-0.014701	-0.002196	-0.010949
	0.014195					

z172	-0.019335	0.020172	0.008237	-0.000333	-0.008693	-0.008240
	0.011810	-0.028335	-0.000900	-0.014501	-0.017960	0.051411
	-0.018435	0.004159	-0.012641	0.014615	0.081662	0.035964
	0.023684	-0.013011	0.002073	0.005647	-0.050784	0.013428
	0.032325	-0.001969	0.021185	0.080479	0.019301	0.026792
	-0.002148					
x173	0.014654	0.013653	-0.004956	-0.004485	-0.001268	-0.034064
	-0.004617	0.008870	-0.041682	-0.014399	0.010295	0.005183
	0.017196	0.026150	0.025880	-0.010492	-0.004586	-0.003448
	0.017971	0.063504	0.055091	-0.035907	0.013175	0.034035
	0.002022	0.053517	0.013908	-0.030917	-0.048632	0.046514
	-0.011980					
y173	-0.027818	0.035763	-0.021888	-0.001942	-0.017326	-0.045357
	0.013900	-0.014891	0.026304	-0.011365	0.017500	-0.002336
	-0.024150	-0.008657	0.020216	0.014191	-0.009749	0.013650
	0.027221	-0.044110	-0.019020	0.058886	-0.009359	-0.020444
	0.026963	0.012605	-0.001318	-0.029415	-0.004341	-0.002063
	0.017692					
z173	-0.015713	0.020892	0.007653	-0.001357	-0.011706	-0.013980
	0.009795	-0.028693	-0.004282	-0.013496	-0.015457	0.048768
	-0.018094	0.009114	-0.009050	0.010831	0.075781	0.045725
	0.018842	-0.005052	0.006877	0.008417	-0.044541	0.018441
	0.045259	-0.001206	0.015872	0.071653	0.005851	0.032129
	-0.005069					
x174	0.014230	0.011684	-0.000295	-0.003963	-0.000077	-0.032476
	-0.004142	0.012051	-0.040930	-0.014769	0.009704	0.003386
	0.022728	0.021333	0.025713	-0.007788	-0.010384	-0.003804
	0.020700	0.061986	0.047053	-0.040652	0.017980	0.028669
	0.001899	0.047916	0.006636	-0.036571	-0.048337	0.039416
	-0.013508					
y174	-0.026034	0.034280	-0.026582	-0.005569	-0.018924	-0.039182
	0.013325	-0.015735	0.024886	-0.010857	0.011206	-0.004308
	-0.017540	-0.007885	0.025348	0.008998	-0.013112	0.015962
	0.032566	-0.037122	-0.008653	0.054581	-0.012600	-0.023311
	0.020231	0.012892	-0.000779	-0.042659	-0.006268	0.002675
	0.019922					
z174	-0.011378	0.021471	0.007422	-0.003310	-0.014953	-0.021503
	0.008708	-0.030078	-0.007666	-0.011760	-0.012611	0.044690
	-0.014021	0.011891	-0.002720	0.007997	0.067752	0.055186
	0.016718	0.000396	0.003053	0.010984	-0.038439	0.024406
	0.058729	-0.005110	0.006666	0.055745	-0.009346	0.031874
	-0.007726					

x175	0.012723	0.010937	0.002544	-0.001576	0.002562	-0.026175
	-0.006662	0.015679	-0.036978	-0.014335	0.010364	0.004642
	0.021429	0.018886	0.022274	-0.003992	-0.019774	-0.001849
	0.015290	0.066442	0.040360	-0.043455	0.023180	0.024322
	-0.012087	0.049175	0.005685	-0.047622	-0.044199	0.035502
	-0.007481					
y175	-0.022425	0.032885	-0.031092	-0.007071	-0.020530	-0.032707
	0.012328	-0.015903	0.024980	-0.011768	0.004581	-0.005802
	-0.015581	-0.008465	0.033430	0.001159	-0.018910	0.021466
	0.032304	-0.021814	0.000445	0.052890	-0.011776	-0.015687
	0.000195	0.017203	0.002501	-0.073952	-0.015299	0.012986
	0.035484					
z175	-0.007343	0.021055	0.006349	-0.005702	-0.016659	-0.027202
	0.005190	-0.029745	-0.010488	-0.012334	-0.010060	0.040027
	-0.008876	0.017559	-0.000462	0.006740	0.055217	0.061073
	0.012219	0.011126	0.007711	0.005722	-0.032759	0.026941
	0.061159	0.000959	0.000835	0.047866	-0.013763	0.032570
	-0.007090					
x176	0.009477	0.010833	0.002889	0.002205	0.005019	-0.016230
	-0.008328	0.019489	-0.032789	-0.009853	0.014495	0.005386
	0.017288	0.012370	0.029885	-0.003460	-0.028720	-0.002219
	0.014038	0.065463	0.026505	-0.043639	0.026306	0.017545
	-0.028727	0.048496	0.002466	-0.057721	-0.049682	0.038411
	-0.004983					
y176	-0.019425	0.029942	-0.039106	-0.008243	-0.023595	-0.021143
	0.010451	-0.012810	0.024148	-0.010028	0.002102	-0.010443
	-0.019245	-0.008755	0.055098	-0.013638	-0.019061	0.021040
	0.030242	-0.003251	0.011605	0.047256	-0.006822	-0.011200
	-0.023200	0.028475	-0.001204	-0.094070	-0.036781	0.036504
	0.052895					
z176	-0.003387	0.020612	0.004806	-0.007353	-0.018624	-0.031404
	0.002203	-0.029571	-0.014192	-0.012029	-0.006797	0.033058
	-0.003193	0.020287	0.009433	0.003079	0.037914	0.067672
	0.007419	0.024352	0.009053	0.000058	-0.027541	0.030610
	0.059235	0.005317	-0.005021	0.029892	-0.025658	0.038917
	-0.004236					
x177	0.004007	0.011903	0.003493	0.003824	0.010210	-0.006729
	-0.011430	0.019487	-0.027176	-0.005585	0.017560	0.010260
	0.015872	0.004858	0.024152	0.005076	-0.034892	-0.000934
	0.017557	0.055301	0.007375	-0.038633	0.026894	0.003921
	-0.040056	0.041602	0.005110	-0.058526	-0.042396	0.030512
	-0.013626					

y177	-0.016747	0.028118	-0.045222	-0.013022	-0.024754	-0.013245
	0.005487	-0.016862	0.023365	-0.009203	-0.002361	-0.011349
	-0.016791	-0.002383	0.054397	-0.018772	-0.013787	0.022293
	0.028025	0.008321	0.020558	0.045744	-0.002410	-0.009748
	-0.041171	0.035297	-0.000686	-0.099001	-0.053721	0.054580
	0.047059					
z177	0.000163	0.019235	0.002071	-0.009280	-0.019305	-0.033517
	-0.000858	-0.030563	-0.021292	-0.013609	-0.001739	0.027573
	0.006354	0.020684	0.022635	0.000573	0.014318	0.074828
	0.008344	0.037927	0.012194	-0.002230	-0.024402	0.029720
	0.046763	0.009641	-0.000585	0.008536	-0.042287	0.064345
	-0.005789					
x178	-0.004204	0.012849	0.007307	0.003956	0.018835	-0.004312
	-0.017312	0.020903	-0.013730	-0.002686	0.013172	0.014243
	0.009638	-0.005623	-0.003232	0.028288	-0.026512	-0.008493
	0.024538	0.030484	-0.016158	-0.047820	0.030676	-0.008520
	-0.026376	0.033142	-0.005606	-0.016622	0.004023	-0.045018
	-0.018131					
y178	-0.013845	0.027691	-0.048401	-0.019299	-0.026909	-0.009229
	-0.003557	-0.018359	0.030761	-0.011870	-0.013456	-0.019396
	-0.021686	0.000648	0.037945	0.000756	0.004639	0.014148
	0.025975	0.009998	0.029393	0.032231	-0.001188	0.002532
	-0.042071	0.044582	-0.013416	-0.089295	-0.047250	0.019184
	0.037711					
z178	0.002950	0.016977	0.002613	-0.015784	-0.017346	-0.045847
	-0.006234	-0.028088	-0.020001	-0.017568	-0.001463	0.018287
	0.015413	0.023219	0.006920	0.007508	0.003845	0.076626
	0.015235	0.038249	0.003299	-0.021086	-0.016596	0.029181
	0.057963	0.012901	-0.014973	0.028047	-0.023585	0.028300
	-0.001644					
x179	-0.009171	0.011400	0.019734	0.005616	0.013483	0.013819
	-0.025171	0.024549	-0.012396	0.002914	0.011841	0.024349
	0.023752	-0.016485	0.010554	0.023725	-0.019554	-0.008345
	0.008578	0.004944	-0.025020	-0.030154	0.040120	-0.005337
	-0.043887	0.058820	-0.000181	-0.002747	0.005064	-0.058924
	-0.022757					
y179	-0.002949	0.034765	-0.070270	-0.043390	-0.021954	0.010983
	0.007426	-0.028128	0.000000	-0.028169	-0.054125	-0.085450
	0.014223	-0.004995	0.046196	0.015690	0.014173	-0.001677
	-0.019453	0.011690	0.064508	-0.005190	-0.018798	0.034620
	-0.033318	-0.079665	0.030237	-0.024790	-0.033656	-0.033504
	0.001668					

z179	0.010527	0.019296	-0.007962	-0.027689	-0.007946	-0.029748
	-0.006715	-0.035842	-0.023481	-0.021772	-0.015459	-0.004420
	0.031470	0.011341	0.001289	-0.003306	0.025332	0.059414
	0.005748	0.044613	-0.002717	-0.035769	-0.021466	0.047845
	0.049334	-0.027214	0.007045	0.063950	-0.019816	-0.000491
	0.023837					
x180	-0.014957	0.010740	0.029050	0.013824	0.011922	0.026845
	-0.025205	0.027900	-0.009737	0.014180	0.014393	0.033294
	0.023074	-0.027522	0.016782	0.014003	-0.018480	-0.006015
	0.000263	-0.011744	-0.039688	-0.023477	0.036409	-0.003162
	-0.047638	0.084710	-0.004889	0.007460	0.002045	-0.055651
	-0.018404					
y180	0.001794	0.034053	-0.071633	-0.039080	-0.023138	0.009453
	0.013180	-0.028410	-0.005104	-0.018858	-0.058845	-0.079469
	0.018118	-0.008701	0.035477	0.012669	0.014792	-0.010938
	-0.019589	0.027824	0.064696	-0.024743	-0.026453	0.027476
	0.003553	-0.085965	0.037321	-0.024497	-0.046490	-0.020397
	-0.017801					
z180	0.009402	0.016791	-0.003906	-0.023965	-0.012679	-0.043920
	-0.017619	-0.025012	-0.020059	-0.018499	-0.000140	0.011072
	0.020529	0.017938	-0.004649	0.002594	0.012542	0.062076
	0.020961	0.040885	-0.020755	-0.030096	-0.010863	0.034146
	0.048640	-0.003634	-0.007397	0.039359	-0.013218	-0.000961
	0.011400					
x181	-0.018520	0.012485	0.031294	0.017547	0.013097	0.039660
	-0.016972	0.030148	-0.008361	0.023781	0.010559	0.032151
	0.013643	-0.039282	0.017403	0.002509	-0.015047	-0.007008
	-0.005784	-0.013852	-0.040137	-0.031700	0.025638	-0.004907
	-0.031597	0.085732	-0.001743	0.013197	0.005740	-0.032791
	-0.006862					
y181	0.006384	0.033742	-0.075499	-0.035174	-0.023600	0.008626
	0.011963	-0.026249	-0.011794	-0.020755	-0.057670	-0.064137
	0.019430	-0.009150	0.040656	0.006859	0.005394	0.003588
	-0.009252	0.025862	0.073001	-0.029154	-0.014131	0.016528
	0.033430	-0.088491	0.025771	-0.035482	0.009130	0.005908
	-0.003277					
z181	0.007416	0.012588	-0.001703	-0.021849	-0.013611	-0.043544
	-0.029245	-0.019257	-0.021787	-0.019514	0.005346	0.017924
	0.017771	0.019419	0.004830	0.002691	0.003814	0.070116
	0.025483	0.031880	-0.027596	-0.008942	0.000280	0.025553
	0.026310	0.013176	-0.007139	0.028065	-0.002172	-0.005314
	0.019316					

x182	-0.021526	0.013305	0.033197	0.018978	0.011724	0.048938
	-0.010246	0.031959	-0.009354	0.029929	0.007535	0.025192
	0.010991	-0.049538	0.013923	-0.002167	-0.014698	-0.009883
	-0.013822	-0.018880	-0.036399	-0.035309	0.020639	-0.005589
	-0.027842	0.087261	0.004497	0.014558	-0.005657	-0.028169
	-0.010188					
y182	0.008585	0.034236	-0.070613	-0.036158	-0.025784	0.003268
	0.010323	-0.031891	-0.013389	-0.015707	-0.047511	-0.064053
	0.020838	-0.008963	0.030887	0.002178	-0.012622	0.005630
	-0.006064	0.039119	0.062460	-0.034939	-0.027618	0.010484
	0.023378	-0.092349	0.050710	-0.018789	-0.008873	-0.018228
	-0.007331					
z182	0.007426	0.015481	-0.000450	-0.025464	-0.013382	-0.040349
	-0.037096	-0.017428	-0.016396	-0.012995	0.011765	0.011710
	0.021503	0.018113	0.007799	0.005325	0.003208	0.064060
	0.024913	0.028150	-0.040762	-0.009505	0.010078	0.038612
	0.016345	0.017353	-0.006246	0.032911	-0.004520	-0.020310
	0.010200					
x183	-0.024483	0.013389	0.033814	0.021298	0.011202	0.053847
	-0.005989	0.034279	-0.008889	0.030702	0.004989	0.019423
	0.009057	-0.056416	0.015770	-0.003926	-0.012204	-0.011748
	-0.024315	-0.026373	-0.030902	-0.034602	0.017938	-0.006962
	-0.019945	0.087754	0.010242	0.016774	-0.000967	-0.012055
	-0.005479					
y183	0.009379	0.030970	-0.070973	-0.033173	-0.028228	0.005686
	0.009034	-0.029779	-0.014022	-0.014752	-0.051491	-0.053008
	0.021754	-0.010171	0.030926	0.001853	-0.017736	0.010599
	-0.005367	0.042032	0.062055	-0.041164	-0.024741	-0.002153
	0.032322	-0.093494	0.035660	-0.005806	-0.013050	-0.014391
	-0.026689					
z183	0.005963	0.015555	0.000175	-0.025829	-0.014049	-0.031984
	-0.039684	-0.013849	-0.015698	-0.011162	0.010376	0.005516
	0.020483	0.011348	0.011206	0.005093	0.000743	0.061360
	0.023479	0.026869	-0.045705	-0.006486	0.011056	0.037588
	0.004706	0.016905	0.004160	0.034314	-0.007170	-0.031971
	0.010655					
x184	-0.025591	0.012449	0.036531	0.021467	0.013813	0.054692
	-0.000084	0.034812	-0.010746	0.034472	0.003685	0.019608
	0.005057	-0.060070	0.021062	0.006131	-0.015841	-0.004153
	-0.027717	-0.035694	-0.016455	-0.025471	0.026870	-0.018142
	-0.028764	0.074989	-0.000921	0.019696	0.009565	0.000931
	-0.002560					

y184	0.012694	0.028564	-0.063872	-0.028752	-0.032774	0.006713
	0.014330	-0.032558	-0.019473	-0.020981	-0.048294	-0.042513
	0.020820	-0.009130	0.012878	-0.009126	-0.033178	0.014263
	-0.000908	0.037328	0.052569	-0.029953	-0.019659	-0.007158
	0.034806	-0.099129	0.048038	0.002611	0.019017	-0.019065
	-0.007196					
z184	0.002744	0.013329	-0.000254	-0.025741	-0.014403	-0.022102
	-0.042977	-0.005224	-0.017127	-0.010436	0.003964	0.001361
	0.019740	0.004457	0.023275	0.003736	0.002770	0.057675
	0.019498	0.019751	-0.049207	-0.003015	-0.001795	0.031935
	0.008734	0.018778	0.018708	0.028802	-0.020860	-0.053192
	0.013298					
x185	-0.023940	0.008599	0.040219	0.029336	0.018914	0.064958
	-0.002175	0.046162	-0.000545	0.037329	0.007257	0.003883
	0.013935	-0.070281	0.034940	0.018686	-0.018676	0.001037
	-0.009956	-0.035457	0.006533	-0.016565	0.049309	-0.019474
	-0.029444	0.036861	0.012334	0.007189	0.015887	-0.006894
	-0.001993					
y185	0.012180	0.027064	-0.063174	-0.031216	-0.036656	-0.025271
	0.019528	-0.033348	-0.031555	-0.020224	-0.046891	0.015933
	0.012377	0.005018	0.010869	-0.015941	-0.018006	0.009771
	-0.026889	0.024344	0.037430	-0.061086	-0.021655	-0.033509
	0.066760	-0.009600	-0.003098	-0.038721	0.015160	0.019556
	0.006395					
z185	0.002584	0.016835	-0.000042	-0.026236	-0.016218	-0.010290
	-0.040804	0.000934	-0.012905	-0.009240	0.009684	-0.002748
	0.027371	0.002257	0.013639	0.012386	-0.001124	0.049815
	0.006281	0.007081	-0.049448	0.002984	0.006734	0.047347
	0.003232	0.015200	0.031945	0.027969	-0.031830	-0.074249
	0.002709					
x186	-0.027041	0.008171	0.035760	0.030681	0.013398	0.062041
	0.010356	0.028303	-0.007571	0.042818	0.003680	0.025168
	0.014415	-0.068309	0.023583	0.016380	-0.003822	-0.007977
	-0.026907	-0.043349	0.008901	-0.022849	0.024883	-0.039832
	-0.036642	0.054466	-0.019052	0.027909	0.008284	0.024766
	0.035730					
y186	0.007756	0.012541	-0.048452	-0.016916	-0.027262	-0.022016
	-0.003975	-0.017008	-0.014007	-0.024663	-0.034307	0.006800
	0.016581	-0.011278	0.008632	0.000871	-0.017464	0.001247
	-0.024547	0.039209	0.041845	-0.038087	-0.001555	-0.015959
	0.061996	-0.037781	-0.005595	-0.044524	0.001207	0.046995
	-0.022139					

z186	-0.003307	0.016659	0.004664	-0.028380	-0.014767	0.000018
	-0.041027	0.004093	-0.008470	-0.008038	0.008071	-0.015260
	0.024420	-0.019743	0.023177	0.000921	-0.008899	0.038929
	-0.012553	-0.000449	-0.045360	0.016597	-0.006828	0.052146
	0.005304	0.001436	0.039083	0.030955	-0.030923	-0.070208
	0.007969					
x187	-0.027135	0.009213	0.025418	0.034750	0.020954	0.052853
	0.028466	0.027873	-0.006675	0.041417	-0.003359	0.002992
	-0.008248	-0.066208	0.016568	0.024304	-0.000103	-0.007926
	-0.027025	-0.044688	0.032240	-0.042948	0.023868	-0.048504
	0.003161	0.026542	-0.019017	0.020046	0.029436	0.071364
	0.031488					
y187	0.001443	0.004002	-0.042073	-0.014080	-0.035742	-0.021157
	-0.024001	-0.008819	-0.014426	-0.032820	-0.024499	0.043930
	0.017292	-0.014017	0.015168	0.007217	-0.018963	-0.000867
	-0.004618	0.019755	0.013291	-0.008151	0.009645	-0.046682
	0.026223	-0.006352	-0.015318	-0.051001	0.001653	0.015536
	-0.001435					
z187	-0.008983	0.016746	0.005455	-0.027223	-0.015134	0.014916
	-0.033532	0.009423	-0.010754	-0.005140	-0.002279	-0.038418
	0.016876	-0.038079	0.024142	-0.003949	-0.020158	0.031348
	-0.024696	0.001399	-0.040888	0.014575	-0.031786	0.051509
	0.013704	-0.004175	0.062649	0.027491	-0.050250	-0.101496
	0.011048					
x188	-0.019425	0.008091	0.029435	0.045040	0.020871	0.052785
	0.028505	0.020998	-0.007341	0.051873	0.000667	0.009318
	-0.017928	-0.054603	-0.002227	0.000148	0.009514	0.019635
	-0.020865	-0.045557	0.031897	-0.076404	-0.007904	-0.058136
	-0.016301	0.011398	-0.001792	0.027713	0.028304	0.035561
	0.000012					
y188	0.002835	-0.012402	-0.052171	-0.010086	0.006945	-0.007624
	-0.035724	-0.007453	-0.006968	-0.035925	-0.009867	0.078883
	0.031685	0.003867	0.013057	-0.000616	-0.093197	-0.037261
	-0.020787	0.029886	-0.019577	0.046180	0.032712	0.008854
	0.068083	-0.042390	-0.044042	0.034611	0.041687	0.029754
	0.004080					
z188	-0.010736	0.019095	0.009660	-0.025187	-0.016121	0.022988
	-0.026607	0.007186	-0.020824	-0.003198	0.003806	-0.044692
	0.025211	-0.025720	0.029345	-0.018731	0.003497	0.064401
	-0.019809	-0.021568	-0.010617	-0.036796	-0.010493	0.035654
	0.013216	-0.041746	0.034147	0.014208	0.009821	-0.063299
	0.055033					

x189	-0.012311	0.017401	0.017829	0.066510	0.039147	0.043021
	0.035376	0.027266	-0.003143	0.049551	-0.004886	0.012869
	-0.007287	-0.031639	0.004778	-0.007094	-0.004675	-0.006376
	-0.029729	-0.019425	0.029071	-0.024808	-0.003601	-0.064789
	0.006729	0.001740	-0.035470	0.053240	0.062864	0.012100
	-0.009310					
y189	-0.009881	-0.023465	-0.048751	-0.016055	-0.004415	0.000249
	-0.026162	-0.045527	-0.021235	-0.049271	0.015685	0.022417
	0.048360	0.034821	0.023807	0.015414	-0.001759	0.024848
	0.004420	0.001389	0.014214	-0.024883	0.004865	0.001222
	-0.016648	-0.127653	0.044411	-0.010339	0.002300	-0.002557
	0.023702					
z189	-0.004694	0.021199	0.004032	-0.020957	-0.009088	0.025082
	-0.017864	-0.000254	-0.011739	-0.007427	0.016712	-0.043248
	0.031831	-0.028682	0.036807	-0.031059	-0.016910	0.067210
	-0.015712	-0.026225	0.004682	-0.038846	0.000261	0.023975
	0.011180	-0.055578	0.026520	0.042785	0.018872	-0.095272
	0.091800					
x190	-0.006145	0.018193	0.010820	0.067814	0.039599	0.028207
	0.034673	0.022528	0.000140	0.047465	-0.001036	0.006841
	0.001595	-0.006946	0.003059	-0.015414	-0.012694	0.003874
	-0.030055	0.004873	0.024786	-0.022882	-0.009878	-0.065166
	0.006517	-0.019917	-0.035569	0.032841	0.064333	0.003459
	-0.022073					
y190	-0.019322	-0.026824	-0.041106	-0.004801	0.006976	-0.006682
	-0.023818	-0.042605	-0.023481	-0.046065	0.005366	0.020059
	0.016013	0.025778	0.009679	0.049284	0.010513	-0.004692
	0.010544	-0.005325	0.008360	-0.021318	-0.004609	-0.005683
	-0.025556	-0.089042	0.042123	-0.059352	-0.022952	0.028927
	-0.022459					
z190	-0.004464	0.022022	0.004409	-0.015569	-0.010816	0.017419
	-0.012122	0.004107	-0.009582	-0.003068	0.019159	-0.044182
	0.033920	-0.021499	0.018884	-0.020280	-0.022871	0.068764
	-0.019628	-0.020300	0.002781	-0.047905	0.019493	0.007768
	0.025768	-0.057848	-0.007394	-0.004055	0.033308	-0.082129
	0.088604					
x191	-0.004899	0.010583	0.011337	0.057174	0.035541	0.021796
	0.036293	0.009375	0.023170	0.051702	0.016433	0.013566
	0.013424	0.005314	0.000772	-0.012738	-0.013901	0.025978
	-0.018741	0.002283	0.027372	-0.030367	-0.007889	-0.056773
	0.006644	-0.008325	-0.023641	0.008338	0.053285	-0.006638
	-0.017767					

y191	-0.020295	-0.020540	-0.026298	0.020768	0.012235	0.004407
	-0.018085	-0.026171	-0.034664	-0.011627	-0.027351	0.030464
	0.016261	0.000278	0.000939	0.008636	-0.006838	-0.014548
	-0.031800	0.005784	-0.001075	-0.002529	-0.011634	-0.004987
	-0.002849	-0.017604	-0.032726	-0.028781	-0.038303	0.029651
	0.026397					
z191	-0.004016	0.020617	-0.004014	-0.011084	-0.012453	0.011982
	-0.003611	0.006184	-0.007892	0.000331	0.015998	-0.048470
	0.034984	-0.019504	-0.000428	-0.009059	-0.029893	0.080293
	-0.012028	-0.020490	0.009786	-0.053741	0.029186	-0.010797
	0.052788	-0.069136	-0.021398	-0.028453	0.043162	-0.047359
	0.062695					
x192	-0.001201	0.010189	0.015047	0.047251	0.028963	0.010507
	0.027258	0.006803	0.025474	0.064436	0.025484	0.013774
	0.022457	0.021785	-0.008184	-0.014744	-0.019185	0.028360
	-0.015697	0.001854	0.018540	-0.021171	-0.011405	-0.046617
	0.000598	0.008335	-0.013677	-0.000245	0.043790	-0.026554
	-0.021693					
y192	-0.026705	-0.021635	-0.023259	0.027268	0.021488	0.002033
	-0.016437	-0.029639	-0.030342	0.000850	-0.040038	0.028445
	0.014016	-0.007085	-0.010073	0.007984	-0.011088	-0.009984
	-0.029340	0.003062	0.000886	-0.006325	-0.026663	0.003160
	0.008616	-0.002251	-0.039060	-0.043370	-0.050445	0.035774
	0.048675					
z192	0.002678	0.019116	-0.013852	-0.001692	-0.014946	0.011677
	0.005776	0.009053	-0.003183	0.004917	0.018460	-0.046063
	0.034664	-0.015070	-0.016174	-0.004491	-0.026494	0.072995
	-0.005818	-0.015166	0.014270	-0.049784	0.032292	-0.020926
	0.066971	-0.058658	-0.032451	-0.042093	0.056810	-0.024999
	0.063788					
x193	0.004152	0.010907	0.024142	0.031703	0.016310	-0.005447
	0.010561	0.003301	0.026525	0.077069	0.031277	0.011291
	0.034595	0.036169	-0.013958	-0.008978	-0.028167	0.033597
	-0.012470	-0.008203	0.007424	-0.008833	-0.020653	-0.030738
	-0.010105	0.039605	-0.002909	-0.003491	0.029903	-0.048258
	-0.013062					
y193	-0.031797	-0.023877	-0.021970	0.030551	0.030284	0.002913
	-0.011023	-0.025240	-0.027381	0.016392	-0.043863	0.024552
	0.014044	-0.013490	-0.023768	-0.001203	-0.015539	-0.004325
	-0.028353	0.003415	-0.005723	-0.014934	-0.030423	0.000703
	0.022905	0.010561	-0.040858	-0.057384	-0.047325	0.037348
	0.052123					

z193	0.013776	0.019700	-0.029709	0.013773	-0.017157	0.011190
	0.021561	0.011596	0.005429	0.008626	0.019692	-0.040525
	0.036947	-0.014333	-0.028622	0.006856	-0.017935	0.056362
	0.008260	-0.014582	0.010197	-0.031133	0.022804	-0.014757
	0.075086	-0.042340	-0.042727	-0.048533	0.046125	-0.009177
	0.066186					
x194	0.009256	0.012270	0.032767	0.008363	-0.001139	-0.021132
	-0.009618	-0.002581	0.023863	0.086765	0.035343	0.004638
	0.047753	0.045541	-0.012858	0.000450	-0.029819	0.024900
	-0.011919	-0.023139	-0.011454	0.006126	-0.030635	0.001167
	-0.007624	0.053991	0.012318	-0.007329	0.011611	-0.073037
	0.004076					
y194	-0.029100	-0.023091	-0.024461	0.039865	0.036427	0.010731
	0.000392	-0.022440	-0.018435	0.036888	-0.047402	0.015079
	0.013874	-0.012095	-0.032484	-0.021402	-0.025237	0.006825
	-0.021188	0.008663	-0.000393	-0.031512	-0.031814	-0.009367
	0.018709	0.005064	-0.044646	-0.044129	-0.048641	0.028159
	0.048856					
z194	0.029520	0.018059	-0.053501	0.036657	-0.020538	0.015069
	0.044109	0.008297	0.010376	0.008630	0.022783	-0.035286
	0.047622	-0.018343	-0.021361	0.017168	0.008048	0.031992
	0.028598	-0.021340	-0.012021	0.013681	0.003136	0.015349
	0.070408	-0.038665	-0.034501	-0.039889	0.020513	-0.032605
	0.049216					
x195	0.011517	0.015530	0.038930	-0.018291	-0.018341	-0.039867
	-0.035511	-0.015531	0.022142	0.096006	0.035034	-0.008718
	0.064479	0.052407	-0.015290	0.003262	-0.036733	0.004017
	-0.019343	-0.030128	-0.017140	0.008524	-0.029874	0.043126
	0.002649	0.054996	0.034353	-0.007714	-0.007161	-0.062288
	0.014375					
y195	-0.017031	-0.020943	-0.041653	0.051219	0.042123	0.032559
	0.011948	-0.024090	-0.013514	0.044980	-0.044567	-0.004788
	0.017308	-0.002535	-0.021996	-0.044761	-0.015548	0.016105
	-0.006945	0.021105	0.010710	-0.031071	-0.045178	-0.001679
	-0.016210	-0.017569	-0.020681	-0.010917	-0.040172	-0.036102
	0.035779					
z195	0.041701	0.014370	-0.076387	0.067362	-0.027443	0.020596
	0.060550	0.006858	0.020212	0.011963	0.026102	-0.026493
	0.047774	-0.016937	-0.031838	0.029574	0.041598	0.015606
	0.030388	-0.014358	-0.015536	0.033646	-0.009960	0.030738
	0.033565	-0.019924	-0.019717	-0.034294	0.004542	-0.027096
	-0.016690					

x196	0.012370	0.016845	0.040938	-0.037791	-0.030126	-0.058526
	-0.043149	-0.024030	0.030140	0.105401	0.038300	-0.019883
	0.068421	0.053814	-0.033710	0.006816	-0.045826	-0.028992
	-0.045208	-0.029415	-0.034338	0.011373	-0.026183	0.048767
	0.010230	0.040458	0.049454	-0.031320	-0.017077	-0.045152
	0.030895					
y196	-0.007228	-0.014634	-0.057101	0.054815	0.041655	0.041326
	0.017410	-0.020734	-0.001002	0.058096	-0.043732	-0.023497
	0.014350	0.005226	-0.020259	-0.069181	-0.010966	0.021147
	0.016972	0.040184	0.018061	-0.030582	-0.042868	-0.004681
	-0.035501	-0.010940	0.002570	-0.008878	-0.032404	-0.058013
	0.000621					
z196	0.041633	0.008131	-0.079010	0.082598	-0.025362	0.016543
	0.062863	0.004945	0.027898	0.011180	0.021020	-0.015530
	0.042846	-0.005584	-0.046742	0.051285	0.035312	-0.025574
	0.018930	-0.019996	-0.018088	0.042771	-0.002806	0.026819
	0.042381	-0.007006	-0.016207	-0.027967	-0.020655	0.015919
	-0.002072					
x197	0.022649	0.052553	0.138594	0.129021	-0.023518	0.057988
	-0.027975	-0.039809	0.155510	-0.013195	-0.002733	0.017455
	0.004969	-0.107177	-0.024620	-0.068332	0.014885	0.002449
	0.001420	0.038590	0.014020	0.060578	-0.035980	-0.005135
	0.031231	0.016332	-0.028039	0.043644	-0.036282	-0.052755
	0.009049					
y197	0.085997	0.089567	0.034474	0.050675	-0.007216	0.083764
	0.015022	0.010471	-0.137804	0.017251	-0.100145	-0.054614
	-0.057967	0.032350	0.116005	-0.002989	0.013796	-0.018482
	-0.102170	-0.003662	-0.121040	-0.010168	-0.065128	-0.070603
	0.037127	-0.043418	-0.028413	-0.032382	0.044674	0.054440
	-0.053698					
z197	-0.104154	-0.001170	-0.035351	-0.080608	0.002497	0.032158
	-0.029683	-0.028884	-0.008535	0.086826	-0.039729	-0.060564
	-0.107028	0.168271	-0.179383	-0.077354	-0.018844	-0.070922
	-0.069418	0.009184	0.059073	-0.000394	-0.049315	0.019812
	0.071596	-0.048513	-0.118762	0.011800	-0.046004	-0.011267
	-0.011071					
x198	0.023207	0.048757	0.134392	0.137237	-0.024660	0.042679
	-0.024003	-0.034596	0.158994	-0.014461	0.003517	0.028088
	0.013220	-0.109748	-0.020744	-0.075293	0.019287	0.006364
	-0.015833	0.036354	0.024168	0.056618	-0.049348	0.009229
	0.016723	0.026275	-0.015254	0.032288	-0.036130	-0.041526
	-0.019965					

y198	0.075488	0.081949	0.027852	0.067888	-0.005251	0.068436
	-0.004363	0.013562	-0.126632	0.009586	-0.086783	-0.041985
	-0.036488	0.034331	0.095731	0.010731	0.016434	-0.014998
	-0.101941	0.018479	-0.110947	0.011195	-0.055554	-0.058005
	0.019582	-0.023430	-0.014609	-0.042427	0.035978	0.020318
	-0.032677					
z198	-0.093332	0.007104	-0.033365	-0.084122	0.008749	0.034462
	-0.022235	-0.020270	-0.006513	0.077899	-0.030083	-0.046102
	-0.106963	0.143910	-0.142806	-0.074715	-0.008856	-0.069126
	-0.044438	-0.004757	0.051356	-0.014616	-0.040182	0.011154
	0.057203	-0.056957	-0.080823	0.005814	-0.040862	-0.009055
	0.011534					
x199	0.024262	0.045517	0.127563	0.135388	-0.026843	0.028795
	-0.019940	-0.034149	0.164459	-0.016571	0.008588	0.034314
	0.015205	-0.094815	-0.018831	-0.080176	0.019463	0.006732
	-0.028667	0.032541	0.020389	0.049522	-0.063974	0.015214
	0.003726	0.019450	-0.012716	0.023232	-0.045297	-0.021630
	-0.016162					
y199	0.065920	0.073033	0.021258	0.079563	-0.005575	0.051008
	-0.019036	0.016403	-0.118034	0.003629	-0.073217	-0.029003
	-0.013921	0.024194	0.072185	0.019411	0.025206	-0.008687
	-0.095048	0.029203	-0.100510	0.041355	-0.070869	-0.049724
	0.002064	-0.014678	-0.008318	-0.040691	0.046095	0.006021
	-0.040449					
z199	-0.083493	0.011124	-0.034597	-0.083111	0.016870	0.039404
	-0.020517	-0.010635	-0.005741	0.069933	-0.019885	-0.031650
	-0.100501	0.119009	-0.110937	-0.067419	0.005999	-0.061882
	-0.029882	-0.008946	0.053633	-0.027256	-0.025614	0.007954
	0.041557	-0.046801	-0.047622	-0.003167	-0.031615	-0.014908
	-0.001013					
x200	0.025814	0.042463	0.119834	0.129773	-0.023525	0.019122
	-0.016361	-0.034120	0.162645	-0.019166	0.012636	0.036239
	0.014324	-0.070505	-0.008645	-0.078912	0.005295	0.000176
	-0.042733	0.034763	0.011277	0.028331	-0.054616	0.015726
	0.000274	0.004992	-0.004477	0.009078	-0.060211	-0.011831
	0.012157					
y200	0.059092	0.068701	0.023437	0.085299	-0.005348	0.033835
	-0.022294	0.008769	-0.111424	-0.007588	-0.060032	-0.026565
	-0.005687	0.031657	0.048882	0.018645	-0.000889	-0.010736
	-0.095562	0.045004	-0.103996	0.056900	-0.060209	-0.059838
	-0.013023	-0.021893	-0.009258	-0.029198	0.054341	0.002309
	0.016268					

z200	-0.072566	0.010150	-0.031681	-0.078652	0.018664	0.041191
	-0.016915	-0.001696	-0.007321	0.065553	-0.011616	-0.017909
	-0.089102	0.088145	-0.093411	-0.063045	0.017244	-0.050324
	-0.008202	-0.017935	0.059839	-0.015297	-0.027848	0.016368
	0.017730	-0.037450	-0.021410	-0.009437	-0.008409	-0.018263
	-0.026867					
x201	0.025448	0.034092	0.105241	0.120775	-0.019244	0.013786
	-0.017941	-0.029281	0.154645	-0.019240	0.015930	0.039725
	0.016122	-0.054581	0.000999	-0.074700	0.003863	-0.000759
	-0.047022	0.028521	0.014050	0.013745	-0.056885	0.015016
	-0.001563	0.002415	0.005980	-0.003447	-0.061323	-0.002020
	0.010248					
y201	0.051471	0.062276	0.018925	0.089002	0.001851	0.016730
	-0.031047	0.011018	-0.100088	-0.009269	-0.043249	-0.020423
	0.004342	0.038163	0.039051	0.021584	0.006262	0.000123
	-0.090009	0.056325	-0.104059	0.057184	-0.045244	-0.036326
	-0.010447	-0.020043	-0.001958	-0.031104	0.022875	-0.005219
	0.035221					
z201	-0.063276	0.006607	-0.029392	-0.072477	0.019594	0.040612
	-0.015376	0.003084	-0.007558	0.057910	-0.007416	-0.005037
	-0.079631	0.067622	-0.063472	-0.055985	0.022395	-0.048974
	0.005111	-0.022605	0.056015	-0.013876	-0.027401	0.006480
	0.004330	-0.030959	-0.007638	-0.004907	-0.006509	-0.016337
	-0.031170					
x202	0.024456	0.024594	0.085557	0.108546	-0.015659	0.012308
	-0.023802	-0.022981	0.139463	-0.020141	0.017043	0.041208
	0.016197	-0.039229	0.008920	-0.064435	0.002389	0.002531
	-0.048094	0.020886	0.016520	0.004276	-0.062989	0.005563
	-0.002273	0.001536	0.014010	-0.011225	-0.053195	0.008061
	0.009346					
y202	0.046197	0.056101	0.012216	0.091841	0.003267	0.001154
	-0.036255	0.011198	-0.092111	-0.012808	-0.026666	-0.018852
	0.018254	0.040557	0.016665	0.021224	0.000985	0.001246
	-0.078099	0.057257	-0.092047	0.054157	-0.021422	-0.006171
	-0.011731	-0.008545	0.012454	-0.028340	0.007497	-0.011556
	0.042832					
z202	-0.054514	0.001614	-0.024247	-0.065388	0.022911	0.039502
	-0.016231	0.004490	-0.005885	0.052684	-0.001110	0.005350
	-0.071322	0.056762	-0.039700	-0.046153	0.024971	-0.043378
	0.005636	-0.018546	0.045605	-0.009130	-0.023551	-0.002818
	-0.006418	-0.025979	0.004924	-0.000860	-0.008558	-0.013706
	-0.029207					

x203	0.022446	0.014251	0.061332	0.091615	-0.010081	0.013622
	-0.031617	-0.013026	0.118978	-0.015448	0.021224	0.043995
	0.015509	-0.022858	0.015975	-0.043034	0.003439	0.004591
	-0.048317	0.012874	0.016499	-0.005990	-0.064346	-0.004613
	-0.006961	-0.005417	0.022509	-0.020609	-0.042056	0.014119
	0.007170					
y203	0.046720	0.049538	0.003990	0.088984	0.000386	-0.009707
	-0.032750	0.005554	-0.089967	-0.022220	-0.011892	-0.024218
	0.031029	0.040593	-0.007166	-0.000227	-0.017055	0.009222
	-0.047100	0.063485	-0.082338	0.050938	0.002742	-0.000807
	-0.006778	-0.002485	0.010073	-0.005753	0.028067	-0.026102
	0.021636					
z203	-0.044402	-0.005631	-0.014161	-0.054872	0.025813	0.036741
	-0.015867	0.000188	-0.003961	0.045645	0.003780	0.010296
	-0.058309	0.052198	-0.028287	-0.031537	0.019954	-0.039028
	0.002130	-0.014344	0.028058	0.006139	-0.016207	-0.005069
	-0.018913	-0.019022	0.016959	-0.001325	-0.013568	-0.009576
	-0.026367					
x204	0.021259	0.000875	0.032526	0.070954	-0.002307	0.018705
	-0.041789	-0.001674	0.093608	-0.009512	0.025033	0.043119
	0.013977	-0.001446	0.019992	-0.019278	0.002438	0.005445
	-0.037363	0.000658	0.019242	-0.018050	-0.061223	-0.015498
	-0.008949	-0.014352	0.027261	-0.026174	-0.030520	0.014242
	-0.008102					
y204	0.046998	0.043081	-0.004786	0.073356	0.004640	-0.017608
	-0.026722	0.004576	-0.094746	-0.018806	0.001413	-0.019845
	0.040304	0.039991	-0.022815	-0.006057	-0.016748	0.022112
	-0.021991	0.057708	-0.066313	0.044638	0.016761	-0.002953
	-0.017227	-0.007647	-0.016193	-0.000852	0.041295	-0.031051
	0.005842					
z204	-0.034620	-0.016194	-0.005648	-0.042879	0.026349	0.033337
	-0.020095	-0.004807	-0.000576	0.039443	0.004562	0.015158
	-0.038622	0.046561	-0.010183	-0.015015	0.018053	-0.043022
	-0.009311	-0.004330	0.010022	0.018554	-0.004965	-0.005417
	-0.021284	-0.009226	0.023563	-0.002409	-0.031611	-0.002657
	-0.024486					
x205	0.021020	-0.013923	-0.002771	0.046409	0.004710	0.026390
	-0.053433	0.010620	0.064467	-0.005219	0.030328	0.039427
	0.017111	0.023853	0.021348	0.003244	-0.000697	0.007240
	-0.017757	-0.015176	0.024242	-0.031714	-0.049983	-0.024266
	-0.006070	-0.021581	0.025134	-0.034298	-0.012716	0.014250
	-0.032316					

y205	0.041373	0.035432	-0.010484	0.056276	0.015222	-0.023496
	-0.021905	0.004764	-0.098771	-0.013995	0.005752	-0.017698
	0.040880	0.034318	-0.041221	0.001756	-0.008794	0.020341
	-0.009127	0.047210	-0.061963	0.044590	0.023660	-0.004691
	-0.033591	-0.008235	-0.008402	0.017440	0.041765	-0.029954
	-0.014473					
z205	-0.024121	-0.027351	0.003803	-0.030955	0.023985	0.029276
	-0.023344	-0.011253	0.002057	0.035656	0.004470	0.020897
	-0.016519	0.039173	0.008336	0.003325	0.012571	-0.044355
	-0.025245	0.010688	-0.005809	0.032796	0.014939	-0.013785
	-0.018386	-0.000248	0.030478	0.001114	-0.054028	-0.002878
	-0.017208					
x206	0.020104	-0.030741	-0.043728	0.017096	0.013075	0.036978
	-0.067731	0.023331	0.026924	0.000501	0.035222	0.037335
	0.021220	0.047077	0.021624	0.037575	-0.002873	0.012701
	0.010114	-0.029246	0.030546	-0.044927	-0.038978	-0.041630
	-0.002936	-0.033500	0.020513	-0.034856	0.009891	0.008774
	-0.052993					
y206	0.034469	0.031144	-0.008463	0.038707	0.019815	-0.025520
	-0.016856	0.012350	-0.097570	-0.007808	-0.000463	-0.024451
	0.028050	0.028442	-0.045755	-0.014844	0.000701	0.014983
	-0.002187	0.019845	-0.047865	0.035180	0.021392	-0.000437
	-0.043944	0.002763	-0.003440	0.015714	0.046138	-0.022990
	-0.019772					
z206	-0.013264	-0.039941	0.015889	-0.017309	0.020317	0.023659
	-0.026114	-0.017063	0.007275	0.032872	0.004185	0.023518
	0.004733	0.038522	0.027517	0.019468	0.002295	-0.047002
	-0.049177	0.029595	-0.021963	0.048391	0.033204	-0.021364
	-0.014166	0.012365	0.029797	0.000342	-0.079293	-0.007721
	0.008878					
x207	0.021484	-0.015525	-0.048735	0.018005	0.013912	0.029592
	-0.058677	0.017939	0.025728	-0.013084	0.032178	0.038331
	0.040978	0.034724	0.021147	0.043343	0.002075	0.015708
	-0.001589	-0.036015	0.011979	-0.042992	-0.014014	-0.024825
	0.013014	-0.030193	-0.005607	-0.023610	-0.017001	0.002724
	-0.047675					
y207	0.032683	0.036587	0.004550	0.027089	0.018536	-0.031395
	-0.004891	0.015319	-0.088829	-0.002316	0.001313	-0.027687
	0.024369	0.019244	-0.057291	-0.031778	0.005934	0.003372
	-0.012425	-0.003685	-0.031250	0.043810	0.016959	-0.013461
	-0.050846	0.015380	0.004471	0.006813	0.071762	-0.004688
	0.011612					

z207	-0.006705	-0.046933	0.011364	-0.004741	0.020806	0.023315
	-0.027448	-0.031161	0.008100	0.028498	0.007058	0.020686
	0.009562	0.027805	0.021235	0.040557	0.016746	-0.035661
	-0.056694	0.009994	-0.030794	0.036936	0.044507	-0.011245
	0.015124	0.010621	0.025247	0.009076	-0.077212	-0.015094
	0.016009					
x208	0.020404	-0.001477	-0.052047	0.019316	0.014220	0.022036
	-0.047976	0.012243	0.024588	-0.026152	0.027237	0.036607
	0.055343	0.023990	0.020827	0.046077	0.010701	0.016848
	-0.013649	-0.041607	-0.002441	-0.040101	0.006882	-0.011508
	0.024852	-0.024480	-0.022531	-0.017089	-0.034914	0.000008
	-0.038048					
y208	0.036038	0.038100	0.014201	0.017614	0.018253	-0.035226
	0.000742	0.016731	-0.075837	-0.002209	0.000784	-0.021476
	0.022151	0.003054	-0.052802	-0.037487	0.004711	-0.008684
	-0.022562	-0.018281	-0.013605	0.050624	0.019384	-0.020455
	-0.051348	0.011747	-0.009404	0.000588	0.057074	-0.008378
	0.003484					
z208	-0.001059	-0.052099	0.006243	0.004273	0.022439	0.021248
	-0.026805	-0.038393	0.009249	0.024772	0.009803	0.018913
	0.016287	0.021080	0.018321	0.056350	0.030853	-0.028327
	-0.062445	-0.004007	-0.033277	0.026950	0.053704	-0.013040
	0.035263	0.005598	0.014657	0.015298	-0.077467	-0.023132
	0.015852					
x209	0.017992	0.010227	-0.054159	0.018793	0.015172	0.014458
	-0.037084	0.007967	0.024126	-0.036051	0.022037	0.034535
	0.065196	0.015945	0.019842	0.044344	0.015300	0.015331
	-0.022827	-0.046616	-0.013596	-0.034967	0.024760	0.000463
	0.035436	-0.019280	-0.032533	-0.007712	-0.048629	-0.000847
	-0.028644					
y209	0.036744	0.039209	0.021260	0.008748	0.008846	-0.032557
	0.002193	0.014925	-0.067226	-0.005292	0.001960	-0.014520
	0.023509	-0.012289	-0.045619	-0.032224	0.010923	-0.004041
	-0.028676	-0.028911	0.005784	0.041567	0.006751	-0.014903
	-0.046062	0.020726	-0.006577	-0.020631	0.048425	-0.007729
	0.010426					
z209	0.003184	-0.054498	0.002243	0.010603	0.021870	0.017490
	-0.025994	-0.041541	0.007294	0.021731	0.011000	0.014883
	0.024223	0.013958	0.016119	0.064070	0.041692	-0.023506
	-0.063262	-0.016683	-0.037918	0.019543	0.054491	-0.006795
	0.053242	0.006146	0.009344	0.017175	-0.071900	-0.025392
	0.016117					

x210	0.014236	0.020181	-0.054988	0.017747	0.014314	0.009149
	-0.026315	0.005023	0.021265	-0.042054	0.018818	0.033495
	0.073763	0.010144	0.016792	0.042408	0.017157	0.009918
	-0.029499	-0.047107	-0.018627	-0.035618	0.034076	0.001404
	0.040725	-0.019255	-0.040698	0.001063	-0.057441	-0.002113
	-0.017570					
y210	0.044241	0.036867	0.028711	-0.005207	0.008168	-0.033407
	-0.000662	0.013731	-0.058662	-0.006721	-0.001580	-0.000232
	0.016043	-0.019551	-0.041415	-0.025420	0.006396	0.009521
	-0.022415	-0.045656	0.003229	0.040085	-0.002947	0.015778
	-0.034691	0.016345	-0.016960	-0.037779	0.025203	-0.008641
	-0.005640					
z210	0.007397	-0.054968	-0.000836	0.011335	0.026874	0.012480
	-0.021451	-0.042676	0.002865	0.023805	0.009012	0.013865
	0.024025	0.009611	0.013705	0.075221	0.047599	-0.012971
	-0.057603	-0.018671	-0.033072	0.018737	0.055614	0.000707
	0.053017	0.001671	-0.007256	0.022548	-0.067043	-0.026457
	0.018663					
x211	0.008912	0.028085	-0.054606	0.016979	0.011343	0.004072
	-0.018933	0.003017	0.016744	-0.048852	0.012700	0.033443
	0.075907	0.004889	0.014241	0.034837	0.016050	0.004096
	-0.035645	-0.047707	-0.022400	-0.032025	0.039206	0.004846
	0.045852	-0.015664	-0.035757	0.008117	-0.060751	-0.002863
	-0.001357					
y211	0.044934	0.035402	0.031904	-0.007865	0.001662	-0.037864
	0.001964	0.013727	-0.049609	-0.014153	-0.000137	0.004625
	0.018019	-0.022897	-0.035454	-0.033906	0.012398	0.011647
	-0.015356	-0.040952	0.006073	0.039149	-0.010510	0.016199
	-0.030789	0.014232	-0.010753	-0.033214	0.028716	-0.004255
	-0.014703					
z211	0.009483	-0.052314	-0.004200	0.013162	0.025069	0.004272
	-0.016915	-0.038437	0.003024	0.018666	0.007361	0.009377
	0.027456	0.003185	0.007292	0.069785	0.049384	-0.010871
	-0.054935	-0.019706	-0.034019	0.018034	0.052954	0.015381
	0.057401	0.007171	-0.002405	0.028351	-0.052349	-0.018991
	0.012099					
x212	0.002894	0.033688	-0.052983	0.014575	0.009546	-0.000053
	-0.009813	0.002010	0.010734	-0.050636	0.006393	0.037665
	0.074364	0.001782	0.012617	0.028425	0.012095	-0.003255
	-0.037526	-0.040704	-0.023705	-0.031109	0.039709	0.001487
	0.041663	-0.020842	-0.034920	0.017249	-0.061845	-0.006005
	0.012682					

y212	0.047687	0.033430	0.037032	-0.014349	0.001305	-0.037193
	0.005428	0.010260	-0.043644	-0.011624	0.001191	0.006300
	0.013050	-0.018208	-0.028920	-0.023212	0.005624	0.020169
	-0.009764	-0.045932	0.022046	0.031813	-0.013325	0.004221
	-0.023346	0.008349	-0.027849	-0.034859	0.014559	-0.010781
	0.001556					
z212	0.013361	-0.048450	-0.004128	0.006602	0.031477	-0.003358
	-0.006507	-0.032624	-0.002365	0.024001	0.003698	0.009597
	0.024480	-0.000959	0.005457	0.072958	0.041610	-0.008765
	-0.042354	-0.017125	-0.024866	0.018250	0.042383	0.014741
	0.045409	-0.005206	-0.027577	0.029841	-0.046367	-0.018449
	0.013582					
x213	-0.004885	0.038081	-0.049798	0.011461	0.003920	-0.003839
	-0.002730	0.003323	0.003962	-0.051740	-0.001412	0.039095
	0.069638	0.000146	0.010904	0.017251	0.005972	-0.014548
	-0.035910	-0.035303	-0.025685	-0.024313	0.033715	0.002993
	0.040111	-0.022942	-0.022249	0.024958	-0.056787	-0.006144
	0.032054					
y213	0.047475	0.030513	0.036856	-0.009410	-0.000941	-0.037235
	0.003138	0.003539	-0.037671	-0.017797	0.007448	0.009565
	0.018478	-0.010532	-0.035091	-0.021740	0.007158	0.024273
	-0.014773	-0.042523	0.030723	0.007535	-0.011704	-0.005493
	-0.016010	0.013556	-0.014696	-0.024967	0.010460	-0.003381
	-0.011829					
z213	0.014248	-0.041380	-0.004827	0.001574	0.031799	-0.014811
	0.003005	-0.022512	-0.005160	0.021810	-0.000581	0.006304
	0.025781	-0.008447	0.000937	0.056403	0.032452	-0.010674
	-0.030315	-0.013171	-0.022026	0.019207	0.032054	0.024877
	0.038361	-0.005008	-0.024208	0.030233	-0.028827	-0.006764
	0.008934					
x214	-0.014323	0.039149	-0.045970	0.008931	0.000662	-0.006953
	0.002721	0.006943	-0.003862	-0.049886	-0.008600	0.039976
	0.059499	-0.000132	0.007707	0.004841	-0.005320	-0.023002
	-0.031297	-0.020717	-0.021078	-0.019986	0.026781	0.001293
	0.033533	-0.029022	-0.000751	0.032660	-0.045557	-0.010130
	0.056075					
y214	0.049666	0.029007	0.039994	-0.006989	-0.007780	-0.034142
	0.007659	-0.004421	-0.032620	-0.023660	0.010541	0.014662
	0.024660	0.000989	-0.026914	-0.013292	0.016408	0.012509
	-0.014530	-0.051918	0.032666	-0.014289	-0.022333	-0.019282
	-0.020416	0.006415	-0.025464	-0.025284	-0.008075	0.009650
	-0.015551					

z214	0.015694	-0.032165	-0.003086	-0.007796	0.034035	-0.024033
	0.014763	-0.006051	-0.007254	0.022028	-0.005440	0.002602
	0.024347	-0.013437	-0.003204	0.040986	0.016609	-0.015939
	-0.013665	-0.003866	-0.010302	0.022126	0.010719	0.027331
	0.021598	-0.015029	-0.029445	0.026553	-0.009722	0.005328
	0.005028					
x215	-0.024724	0.039315	-0.041860	0.003920	-0.006444	-0.012123
	0.007646	0.006585	-0.016823	-0.046232	-0.017138	0.046889
	0.047815	0.007011	-0.000549	-0.011507	-0.016798	-0.032594
	-0.029318	-0.008709	-0.010026	-0.018302	0.008345	-0.008437
	0.024436	-0.027501	0.017179	0.043958	-0.038631	-0.010370
	0.077799					
y215	0.048814	0.024109	0.043359	-0.002300	-0.011631	-0.025011
	0.013356	-0.003999	-0.017599	-0.028589	0.016200	0.009723
	0.017490	0.005824	-0.002960	-0.007987	0.018281	0.004644
	0.001842	-0.044663	0.028977	-0.033698	-0.015847	-0.021895
	-0.025842	-0.003965	-0.014378	-0.028185	-0.002688	0.015841
	-0.009309					
z215	0.015372	-0.019973	-0.001843	-0.022095	0.035567	-0.037288
	0.029432	0.009701	-0.012030	0.023772	-0.013065	0.001071
	0.016305	-0.016175	-0.006927	0.015270	-0.001912	-0.023936
	0.003568	0.006056	-0.001422	0.028273	-0.008769	0.033322
	-0.007128	-0.012259	-0.042550	0.026363	0.011263	0.021658
	0.003212					
x216	-0.031707	0.043855	-0.040314	0.004918	-0.004686	-0.011992
	0.005742	-0.000799	-0.015814	-0.037133	-0.009703	0.044264
	0.035956	-0.000616	0.004281	-0.015630	-0.014493	-0.030517
	-0.043706	-0.008421	-0.015043	-0.017978	0.005354	-0.013377
	0.009593	-0.033477	0.014442	0.030562	-0.034704	-0.006646
	0.070530					
y216	0.046619	0.020324	0.043407	0.001594	-0.009649	-0.016689
	0.011370	-0.008986	-0.009089	-0.036372	0.014356	0.004662
	0.026417	0.013049	-0.002835	-0.009530	0.017454	0.005203
	0.024984	-0.030369	0.011202	-0.046081	-0.014054	-0.015568
	-0.022390	-0.028767	-0.017076	-0.003363	-0.009009	0.028613
	-0.036732					
z216	0.014221	-0.013202	-0.008812	-0.022764	0.021672	-0.021600
	0.039797	0.003169	-0.010606	0.014401	-0.013294	0.021806
	0.015607	-0.000689	0.010368	0.014201	-0.014621	-0.045961
	0.013858	-0.000597	0.000413	0.028778	-0.005044	0.019451
	-0.003049	0.009479	-0.035377	0.010000	0.005895	0.010156
	0.003101					

x217	-0.034673	0.046564	-0.037971	0.005668	-0.000464	-0.011849
	0.004058	-0.007341	-0.012338	-0.030494	-0.001856	0.044169
	0.029132	-0.003599	0.006126	-0.019105	-0.008772	-0.022449
	-0.054062	-0.000092	-0.018680	-0.017532	0.004980	-0.020866
	-0.001914	-0.042884	0.010158	0.025089	-0.045539	0.010691
	0.050999					
y217	0.039093	0.017209	0.042189	0.005740	-0.011090	-0.011488
	0.011567	-0.006588	-0.007875	-0.037620	0.009438	-0.000713
	0.025144	0.006658	0.000211	-0.004000	0.012986	-0.011204
	0.036283	-0.032659	0.008726	-0.051755	-0.008623	-0.008247
	-0.024277	-0.041479	-0.027015	0.002145	0.009801	0.002605
	-0.024290					
z217	0.012818	-0.007720	-0.013687	-0.022338	0.009504	-0.008069
	0.048196	-0.000465	-0.008268	0.005603	-0.014918	0.042027
	0.013551	0.014582	0.023680	0.012843	-0.023486	-0.063327
	0.016616	-0.004075	0.004711	0.027717	-0.003450	0.009690
	-0.000111	0.026090	-0.025686	-0.005060	-0.000881	-0.000787
	0.010792					
x218	-0.037381	0.048174	-0.035888	0.005945	0.001624	-0.012245
	0.000489	-0.010892	-0.010133	-0.026040	0.004168	0.037976
	0.024947	-0.010197	0.006259	-0.024868	-0.004678	-0.018138
	-0.062338	0.001946	-0.023279	-0.019228	0.004742	-0.017362
	-0.008646	-0.044321	0.007949	0.016368	-0.042561	0.017947
	0.036785					
y218	0.030020	0.013461	0.037408	0.013056	-0.016771	-0.009017
	0.006247	-0.005642	-0.001134	-0.048369	0.008651	-0.002391
	0.026332	0.010639	-0.001845	-0.008305	0.013878	-0.028006
	0.040050	-0.033838	0.004473	-0.045018	-0.001118	-0.000293
	-0.008280	-0.039143	0.007929	-0.004353	0.011767	0.013005
	-0.005819					
z218	0.010103	-0.003107	-0.017579	-0.021588	-0.000687	0.002991
	0.053933	-0.004168	-0.006185	-0.001913	-0.015759	0.058070
	0.012602	0.024077	0.032807	0.011556	-0.028155	-0.074862
	0.018243	-0.007730	0.006616	0.027101	-0.003987	0.002282
	0.002164	0.038101	-0.014542	-0.018576	-0.001323	-0.009101
	0.012832					
x219	-0.039438	0.047338	-0.032831	0.004538	0.005573	-0.013011
	-0.004212	-0.012004	-0.009915	-0.020418	0.009059	0.028484
	0.022329	-0.016167	0.002912	-0.022647	0.001869	-0.011956
	-0.064508	0.001376	-0.020545	-0.016615	0.006022	-0.013615
	-0.011110	-0.048874	0.004993	0.009824	-0.040132	0.026420
	0.017222					

y219	0.025229	0.010685	0.032802	0.017936	-0.018321	-0.004055
	0.007052	-0.005107	0.002892	-0.057619	0.006986	0.007986
	0.021530	0.016133	-0.001854	-0.013799	0.007431	-0.042197
	0.036538	-0.031153	-0.003061	-0.038640	-0.002185	0.008528
	-0.006756	-0.045275	0.026794	-0.009017	0.016030	0.008669
	0.019364					
z219	0.006684	0.001223	-0.019538	-0.020859	-0.008313	0.011618
	0.056279	-0.007347	-0.004583	-0.006032	-0.015958	0.068328
	0.011135	0.030693	0.040103	0.010531	-0.027564	-0.081132
	0.018339	-0.009444	0.010570	0.024837	-0.003612	-0.004293
	0.003333	0.043403	-0.008458	-0.025185	-0.004166	-0.016939
	0.011782					
x220	-0.038816	0.045657	-0.030039	0.002908	0.013400	-0.013359
	-0.010229	-0.009339	-0.010260	-0.015406	0.014488	0.023127
	0.021486	-0.027648	-0.002067	-0.020132	0.007543	-0.004891
	-0.059710	0.000282	-0.016223	-0.008586	0.009105	-0.012782
	-0.006900	-0.057478	0.001985	0.006110	-0.026683	0.025581
	0.001290					
y220	0.018607	0.005974	0.030602	0.015150	-0.018129	0.001751
	0.008599	-0.010098	0.006235	-0.060000	0.005018	0.004058
	0.013671	0.032945	0.003941	-0.015448	0.004502	-0.052756
	0.032245	-0.032863	-0.002747	-0.045054	0.002421	0.006467
	-0.014129	-0.044351	0.027337	-0.012624	-0.009306	0.017966
	0.029850					
z220	0.002210	0.004136	-0.019909	-0.020375	-0.013539	0.018231
	0.056887	-0.011341	-0.002155	-0.007769	-0.014873	0.075369
	0.010172	0.031441	0.044308	0.008978	-0.021926	-0.080803
	0.018159	-0.011530	0.013146	0.022666	-0.004659	-0.006700
	0.003028	0.044568	-0.007526	-0.030247	0.000871	-0.025919
	0.005555					
x221	-0.036953	0.041778	-0.026358	0.001781	0.016845	-0.011533
	-0.016035	-0.006360	-0.009749	-0.011941	0.020667	0.019066
	0.022424	-0.036128	-0.003945	-0.020797	0.014615	0.000244
	-0.057442	-0.002183	-0.006209	-0.001254	0.013417	-0.007923
	-0.008513	-0.050324	-0.000812	-0.000113	-0.018429	0.031185
	-0.006224					
y221	0.010568	0.003587	0.024132	0.013515	-0.018336	-0.002716
	0.002653	-0.007992	0.006923	-0.064037	0.004805	-0.003939
	0.013940	0.039291	-0.010867	-0.025527	0.006561	-0.058063
	0.031826	-0.026205	-0.011288	-0.037114	0.000650	0.020997
	-0.006249	-0.049261	0.037731	-0.009672	-0.003921	0.015022
	0.033160					

z221	-0.003135	0.007009	-0.018188	-0.019093	-0.016693	0.023579
	0.053331	-0.015929	-0.001110	-0.007950	-0.013156	0.080094
	0.009802	0.031669	0.046049	0.007999	-0.012384	-0.077772
	0.015606	-0.010722	0.016834	0.017865	-0.003387	-0.011708
	0.003415	0.040561	-0.004899	-0.026039	-0.002284	-0.027492
	0.001040					
x222	-0.033902	0.035728	-0.023548	-0.002095	0.023265	-0.010572
	-0.020915	-0.001270	-0.013562	-0.005957	0.025154	0.012842
	0.022589	-0.043209	-0.010240	-0.018027	0.020297	0.002990
	-0.051192	-0.008017	0.008062	0.003612	0.015359	-0.000407
	-0.008033	-0.048897	-0.009124	-0.004904	-0.005804	0.031706
	-0.017989					
y222	0.005421	0.002528	0.021530	0.010364	-0.015737	-0.005944
	-0.002784	-0.008520	0.011499	-0.067315	0.004561	-0.009131
	0.010474	0.040180	-0.017899	-0.023512	0.010975	-0.049311
	0.027964	-0.009044	-0.015031	-0.020583	0.000223	0.018972
	-0.004255	-0.039894	0.030924	-0.009902	-0.009052	0.018230
	0.040634					
z222	-0.009722	0.008581	-0.015874	-0.018009	-0.017469	0.026397
	0.047562	-0.020666	-0.001441	-0.005464	-0.011433	0.078816
	0.009767	0.028210	0.044050	0.005938	-0.000808	-0.070842
	0.012233	-0.010810	0.019647	0.010015	-0.003531	-0.014013
	0.003227	0.028926	-0.005152	-0.023845	-0.000222	-0.031306
	-0.007439					
x223	-0.029907	0.028434	-0.020742	-0.005644	0.028915	-0.008572
	-0.026497	0.006521	-0.015344	-0.002125	0.029197	0.005290
	0.024602	-0.049293	-0.019991	-0.016200	0.027606	0.002684
	-0.043737	-0.011335	0.026489	0.013094	0.019016	0.007725
	-0.001417	-0.039121	-0.012889	-0.004705	0.008005	0.036025
	-0.025924					
y223	0.002282	-0.000393	0.020212	0.001653	-0.003037	-0.013880
	-0.006724	-0.010427	0.006119	-0.061214	0.008307	-0.008598
	0.006770	0.037022	-0.017700	-0.017506	0.016530	-0.029425
	0.025383	-0.005636	-0.012847	-0.014237	-0.001861	0.020861
	-0.016419	-0.045502	0.008831	-0.026160	-0.009533	-0.000161
	0.038635					
z223	-0.017192	0.010102	-0.011570	-0.016486	-0.017109	0.028456
	0.038270	-0.024209	0.000857	-0.001589	-0.008899	0.074030
	0.008065	0.025002	0.037027	0.004564	0.017485	-0.061129
	0.004891	-0.005545	0.025644	0.003470	-0.003166	-0.017209
	0.006137	0.012421	-0.001637	-0.006110	-0.005768	-0.025600
	-0.018144					

x224	-0.023516	0.018746	-0.017278	-0.011150	0.036409	-0.007605
	-0.032306	0.014293	-0.017960	0.000467	0.031118	-0.001975
	0.026244	-0.053552	-0.027009	-0.009950	0.034002	0.007751
	-0.031345	-0.015582	0.047456	0.025009	0.020747	0.019193
	0.003016	-0.029346	-0.030397	-0.009166	0.022640	0.031229
	-0.027917					
y224	-0.004214	0.000807	0.017651	-0.001925	-0.000317	-0.018440
	-0.015138	-0.004028	0.000489	-0.055511	0.016843	-0.012223
	0.010800	0.028205	-0.035631	-0.025740	0.021778	-0.022854
	0.016469	-0.000646	-0.006938	-0.003505	0.006961	0.022544
	-0.008710	-0.042775	0.020651	-0.023040	-0.004813	0.004275
	0.020795					
z224	-0.026820	0.010789	-0.006291	-0.015442	-0.012602	0.028123
	0.026490	-0.028611	0.000779	0.004410	-0.006216	0.065403
	0.005242	0.015621	0.029000	0.003911	0.035658	-0.044403
	-0.002784	-0.001201	0.027916	-0.004965	-0.002546	-0.012974
	0.001301	-0.008036	-0.008999	0.005930	-0.002960	-0.030606
	-0.022909					
x225	-0.020205	0.020129	-0.019652	-0.004538	0.042992	-0.014879
	-0.023145	0.000842	-0.032247	0.002808	0.025874	0.005605
	0.027900	-0.055259	-0.015712	-0.016861	0.024890	0.004134
	-0.020575	-0.018383	0.041353	0.020536	0.004757	0.022792
	-0.001770	-0.016836	-0.049770	0.005440	0.014272	0.028489
	-0.034384					
y225	-0.005403	0.002880	0.015720	-0.000866	0.003112	-0.026195
	-0.018445	-0.003146	-0.003160	-0.053847	0.019362	-0.011892
	0.011302	0.017180	-0.038838	-0.036226	0.022502	-0.025572
	0.004378	-0.013628	-0.000557	-0.007471	0.026764	0.024737
	0.001723	-0.030450	0.026393	-0.032194	0.009400	-0.010723
	0.004239					
z225	-0.029808	0.007475	-0.003140	-0.014850	-0.004940	0.026611
	0.019096	-0.028996	0.004197	0.000296	0.000010	0.058881
	0.003123	0.008389	0.022838	0.002556	0.031165	-0.034333
	-0.002790	-0.002733	0.029009	-0.007696	-0.002706	-0.000520
	0.006322	-0.010742	-0.004227	-0.000679	0.011658	-0.021723
	-0.030427					
x226	-0.018359	0.021242	-0.021819	0.002791	0.045672	-0.022036
	-0.017677	-0.006447	-0.042170	0.001208	0.020159	0.008942
	0.034375	-0.055720	-0.007803	-0.028416	0.019394	-0.000938
	-0.014572	-0.022652	0.028669	0.015554	-0.003387	0.031407
	0.003509	-0.003234	-0.051107	0.010944	0.015564	0.021973
	-0.036067					

y226	-0.004074	0.005243	0.012949	-0.000434	0.007240	-0.030713
	-0.015679	-0.009530	-0.005920	-0.049553	0.026011	-0.006359
	0.001671	0.002363	-0.040033	-0.033112	0.014193	-0.029563
	-0.003432	-0.007224	0.014754	-0.012033	0.047503	0.003708
	-0.009496	-0.030028	0.010229	-0.015355	-0.000483	-0.014957
	-0.025069					
z226	-0.033620	0.005209	-0.001258	-0.013201	0.000421	0.024287
	0.012880	-0.030404	0.006350	-0.005300	0.003375	0.052074
	0.003884	0.002119	0.015079	-0.001412	0.028353	-0.025623
	-0.007511	-0.006315	0.026127	-0.009209	-0.004350	0.010345
	0.010447	-0.008404	0.002619	-0.011346	0.031463	-0.020865
	-0.029340					
x227	-0.016533	0.022866	-0.024473	0.007502	0.048671	-0.025422
	-0.014283	-0.014292	-0.050604	0.002449	0.016182	0.012694
	0.036022	-0.054281	-0.001226	-0.032680	0.015659	-0.005400
	-0.009782	-0.021762	0.021641	0.011193	-0.008495	0.031242
	0.001889	0.009564	-0.061431	0.015098	0.015974	0.021384
	-0.046492					
y227	-0.002868	0.007959	0.013435	0.002355	0.005596	-0.039497
	-0.007479	-0.009194	-0.011352	-0.046441	0.029494	-0.002732
	0.000723	-0.002312	-0.041903	-0.036370	0.006146	-0.028912
	-0.000776	-0.010283	0.025617	-0.009332	0.047060	0.002850
	-0.006818	-0.028602	0.020100	-0.007058	-0.010872	-0.029830
	-0.012309					
z227	-0.036632	0.003832	0.000584	-0.012605	0.005461	0.022478
	0.006240	-0.033568	0.008363	-0.007908	0.005425	0.044515
	0.004829	-0.006513	0.010050	-0.005051	0.027089	-0.016448
	-0.008751	-0.004931	0.021097	-0.009252	-0.003769	0.016736
	0.012548	-0.008273	0.003534	-0.017085	0.039876	-0.015887
	-0.037777					
x228	-0.014841	0.024496	-0.026859	0.011137	0.048365	-0.028537
	-0.011086	-0.020506	-0.058272	0.004107	0.013374	0.020208
	0.035830	-0.049552	0.003206	-0.034169	0.012343	-0.010834
	-0.007357	-0.020608	0.017416	0.011834	-0.012154	0.029418
	-0.001020	0.023529	-0.064740	0.019092	0.009760	0.021998
	-0.052302					
y228	-0.003424	0.011619	0.015182	0.002209	0.005367	-0.045337
	-0.001399	-0.010694	-0.015546	-0.039498	0.032381	-0.014157
	0.001144	-0.000956	-0.040530	-0.042705	0.003170	-0.022386
	0.008432	-0.015978	0.037906	-0.014658	0.028454	0.014874
	-0.000802	-0.031849	0.013931	-0.008838	-0.005813	-0.027601
	-0.001973					

z228	-0.038870	0.002998	0.001267	-0.011077	0.009866	0.020436
	0.001611	-0.035272	0.009242	-0.010523	0.004419	0.042404
	0.007032	-0.014271	0.004637	-0.008281	0.024921	-0.008322
	-0.011097	-0.003299	0.013560	-0.006079	-0.005844	0.022424
	0.013687	-0.007683	0.008916	-0.020333	0.039540	-0.012279
	-0.040371					
x229	-0.012724	0.025845	-0.027305	0.014356	0.047133	-0.031426
	-0.006774	-0.023227	-0.063484	0.004901	0.009562	0.023877
	0.034611	-0.045690	0.005949	-0.028400	0.009298	-0.017647
	-0.001941	-0.018647	0.013390	0.009481	-0.016266	0.027133
	0.001059	0.025233	-0.064660	0.026622	0.005704	0.015671
	-0.050494					
y229	-0.004923	0.014296	0.013244	0.002737	0.004286	-0.049130
	-0.001464	-0.013312	-0.012789	-0.036453	0.035532	-0.014944
	0.001754	0.000123	-0.039021	-0.057397	0.004439	-0.016987
	0.004128	-0.012061	0.040944	-0.019354	0.023807	0.013328
	-0.003739	-0.019413	-0.000509	-0.025756	-0.006885	-0.018225
	-0.011211					
z229	-0.041501	0.003359	0.001283	-0.008785	0.013698	0.017366
	0.000557	-0.037658	0.007770	-0.012213	0.001918	0.041457
	0.008886	-0.018615	-0.000904	-0.008368	0.022703	-0.003004
	-0.012999	-0.002814	0.008832	-0.003850	-0.011811	0.021345
	0.010933	-0.007621	0.010387	-0.014452	0.036474	-0.013245
	-0.037256					
x230	-0.010631	0.027265	-0.027122	0.016969	0.043326	-0.031211
	-0.005451	-0.021294	-0.065693	0.005788	0.008826	0.025882
	0.034283	-0.037274	0.006716	-0.020628	0.008136	-0.020119
	0.002192	-0.010208	0.010828	0.005458	-0.021618	0.022849
	0.000562	0.029221	-0.060777	0.031999	0.008153	0.019872
	-0.045439					
y230	-0.007703	0.017014	0.007503	0.009197	0.006594	-0.055851
	0.007110	-0.019173	-0.008890	-0.037908	0.035146	-0.014174
	-0.005004	-0.001196	-0.030918	-0.065227	-0.001192	-0.025014
	-0.004890	-0.011373	0.036099	-0.021432	0.040504	-0.008600
	-0.012745	-0.024481	-0.022959	-0.041905	-0.026481	-0.043474
	-0.040183					
z230	-0.044239	0.004816	0.001316	-0.006519	0.014698	0.014106
	-0.000204	-0.040607	0.006233	-0.011995	-0.000734	0.042000
	0.012379	-0.026009	-0.004950	-0.010163	0.023276	0.002559
	-0.015245	-0.001471	0.000460	-0.002152	-0.022197	0.018727
	0.005972	-0.005701	0.012276	-0.007042	0.029849	-0.013134
	-0.029859					

x231	-0.007977	0.028815	-0.026718	0.019397	0.036156	-0.029002
	-0.005447	-0.021000	-0.066437	0.006143	0.008473	0.026527
	0.031962	-0.026160	0.008543	-0.012504	0.006252	-0.025043
	0.005491	0.001060	0.011014	0.002056	-0.019502	0.015173
	-0.003008	0.030759	-0.059249	0.026399	0.000559	0.023300
	-0.044397					
y231	-0.012428	0.020675	0.003137	0.009759	0.007203	-0.061558
	0.011905	-0.017781	-0.008037	-0.030059	0.034497	-0.008395
	-0.009742	0.000006	-0.029316	-0.066106	-0.005218	-0.027905
	-0.004156	-0.016982	0.034507	-0.012251	0.019333	-0.001249
	-0.007129	-0.022718	-0.021592	-0.045885	-0.027869	-0.049273
	-0.043729					
z231	-0.047121	0.008167	0.001487	-0.003044	0.014050	0.011364
	0.001136	-0.045503	0.002933	-0.009086	-0.004708	0.041019
	0.016172	-0.031730	-0.004656	-0.011977	0.025825	0.008083
	-0.017434	0.002263	-0.007431	-0.002605	-0.028024	0.006523
	-0.003061	-0.003482	0.007180	0.001627	0.013093	-0.012325
	-0.018753					
x232	-0.004960	0.028589	-0.025423	0.020865	0.027308	-0.027108
	-0.003660	-0.017172	-0.064268	0.007024	0.008971	0.024599
	0.031303	-0.013674	0.009462	-0.004475	0.006087	-0.032235
	0.011115	0.013805	0.010803	-0.000559	-0.013279	0.007262
	-0.001705	0.024338	-0.051479	0.008505	-0.006581	0.021971
	-0.047586					
y232	-0.018612	0.026043	-0.003853	0.008188	0.008382	-0.059193
	0.013054	-0.019968	-0.001244	-0.028756	0.031616	0.003512
	-0.017805	-0.003740	-0.028499	-0.052278	-0.013092	-0.022802
	-0.008727	-0.016081	0.028694	-0.010356	0.006207	-0.010100
	-0.012963	-0.014337	-0.023725	-0.024028	-0.034628	-0.044634
	-0.029541					
z232	-0.049784	0.012131	0.000444	0.002701	0.011638	0.007096
	0.004445	-0.049737	-0.002484	-0.003951	-0.009815	0.041503
	0.019322	-0.032770	-0.005760	-0.018138	0.032062	0.010061
	-0.022657	0.008252	-0.012644	-0.000477	-0.036565	-0.008146
	-0.016249	-0.001920	0.001315	0.008521	-0.006059	-0.016422
	-0.012604					
x233	-0.001316	0.028483	-0.022256	0.021747	0.019504	-0.022806
	-0.005404	-0.010310	-0.058031	0.004305	0.008978	0.018397
	0.025667	0.002040	0.008927	0.007351	0.007382	-0.037421
	0.011932	0.028246	0.014667	-0.000340	-0.006033	0.000980
	0.001765	0.023840	-0.037678	-0.007223	-0.007043	0.025812
	-0.051813					

y233	-0.025919	0.033937	-0.012437	0.009940	0.002700	-0.061325
	0.018744	-0.019225	0.001467	-0.022804	0.028247	0.018136
	-0.019110	-0.008654	-0.026539	-0.043092	-0.017286	-0.023905
	-0.012604	-0.012458	0.011541	-0.005596	-0.009800	-0.034027
	-0.028742	-0.022442	-0.036689	-0.009481	-0.045991	-0.054414
	-0.014483					
z233	-0.051425	0.015523	0.000130	0.007553	0.010137	0.002722
	0.010133	-0.056169	-0.006495	-0.000931	-0.017214	0.041873
	0.022113	-0.033502	-0.004115	-0.025079	0.037419	0.009924
	-0.025595	0.010389	-0.020384	0.003447	-0.044691	-0.022638
	-0.023256	0.000946	-0.004571	0.017214	-0.034645	-0.020388
	-0.008205					
x234	0.005693	0.024179	-0.017136	0.017828	0.011625	-0.021079
	-0.005183	0.000268	-0.055254	-0.002846	0.008412	0.011649
	0.022089	0.005424	0.009489	0.008386	0.007580	-0.033868
	0.010126	0.029072	0.017660	-0.004960	0.001894	0.013277
	0.011458	0.023977	-0.021157	0.000144	-0.008480	0.025320
	-0.041878					
y234	-0.031218	0.039341	-0.018780	0.009907	0.000699	-0.060315
	0.023105	-0.012873	0.008763	-0.014306	0.030343	0.018112
	-0.020677	0.000779	-0.017495	-0.029913	-0.015625	-0.024469
	-0.006091	-0.018028	0.017824	0.004607	-0.008726	-0.032261
	-0.035224	-0.009129	-0.008314	-0.016866	-0.035874	-0.037969
	-0.006392					
z234	-0.045637	0.018394	0.004575	0.013188	0.009564	-0.003244
	0.009570	-0.056462	-0.007945	0.008516	-0.017682	0.034438
	0.023011	-0.023734	0.003220	-0.017675	0.028852	0.002608
	-0.014148	0.015253	-0.006162	0.001240	-0.034762	-0.024595
	-0.016836	0.004908	-0.000222	0.017447	-0.042943	-0.024719
	-0.016588					
x235	0.011319	0.021101	-0.012730	0.013809	0.007261	-0.020100
	-0.005021	0.008666	-0.051575	-0.009316	0.008290	0.006072
	0.016578	0.008603	0.008870	0.009756	0.006821	-0.034296
	0.007554	0.030288	0.020769	-0.007862	0.005480	0.019247
	0.015669	0.024342	-0.007076	0.001216	-0.006493	0.024854
	-0.033739					
y235	-0.034329	0.043973	-0.024663	0.008751	-0.001720	-0.057142
	0.025165	-0.005752	0.010175	-0.002535	0.029245	0.016705
	-0.019304	0.002757	-0.006387	-0.020268	-0.015806	-0.014951
	0.006348	-0.021378	0.018598	0.011842	0.002765	-0.030376
	-0.034843	-0.007122	0.000967	-0.009237	-0.036291	-0.025106
	-0.000605					

z235	-0.040411	0.020383	0.007947	0.016972	0.009037	-0.009194
	0.009000	-0.056696	-0.007463	0.014522	-0.018391	0.029170
	0.022176	-0.015014	0.008411	-0.011429	0.020824	-0.005303
	-0.007597	0.018213	0.005025	0.000673	-0.029684	-0.024647
	-0.013719	0.010910	0.008069	0.014180	-0.045246	-0.027928
	-0.023518					
x236	0.015292	0.018695	-0.009092	0.010037	0.004160	-0.019571
	-0.004912	0.015930	-0.047461	-0.012354	0.010603	0.002160
	0.013174	0.011177	0.007576	0.010585	0.005195	-0.034163
	0.008559	0.032998	0.021327	-0.011931	0.009250	0.022513
	0.016922	0.025146	0.006373	0.000118	-0.006869	0.025687
	-0.023193					
y236	-0.035713	0.047467	-0.031906	0.005520	-0.005635	-0.051489
	0.027364	-0.002070	0.015219	-0.003352	0.026143	0.015966
	-0.016288	0.001801	0.000133	-0.008537	-0.016713	-0.009738
	0.009642	-0.029156	0.016583	0.015669	0.016795	-0.023409
	-0.027561	-0.006708	0.011032	-0.002345	-0.031691	-0.017688
	-0.000865					
z236	-0.035445	0.022408	0.010804	0.019925	0.007921	-0.014696
	0.006485	-0.055334	-0.007778	0.022753	-0.017087	0.024456
	0.020296	-0.008147	0.012869	-0.007474	0.014223	-0.008348
	-0.000128	0.024109	0.014158	0.000393	-0.027341	-0.027002
	-0.014924	0.015165	0.013676	0.010730	-0.046590	-0.028689
	-0.028555					
x237	0.018132	0.017228	-0.006136	0.006457	0.002627	-0.018730
	-0.003784	0.021794	-0.043933	-0.014665	0.012815	0.000430
	0.009492	0.012439	0.005419	0.013353	0.002488	-0.033333
	0.010321	0.035919	0.021263	-0.016950	0.014115	0.021367
	0.016253	0.022081	0.012797	0.002899	-0.007907	0.024915
	-0.014003					
y237	-0.035071	0.049514	-0.036869	-0.002600	-0.005205	-0.045222
	0.027455	-0.001559	0.019673	-0.000548	0.024324	0.014488
	-0.014576	0.002630	0.008600	0.005077	-0.021884	-0.006390
	0.014869	-0.032046	0.014719	0.015301	0.025620	-0.020474
	-0.023636	-0.012499	0.012734	-0.005480	-0.040126	-0.023052
	0.010056					
z237	-0.030476	0.024505	0.011651	0.022701	0.004340	-0.019735
	0.003591	-0.052429	-0.008071	0.027078	-0.015318	0.021957
	0.018311	-0.004961	0.014723	-0.005502	0.012847	-0.006887
	0.004636	0.029010	0.022271	0.000494	-0.025000	-0.027425
	-0.015802	0.019107	0.018506	0.012966	-0.039257	-0.025079
	-0.038126					

x238	0.019488	0.016100	-0.004105	0.002434	0.002982	-0.017994
	-0.001723	0.026908	-0.040936	-0.017173	0.014913	-0.002005
	0.005626	0.011810	0.002406	0.015125	-0.003149	-0.032056
	0.013945	0.038613	0.018809	-0.022420	0.017115	0.019193
	0.014928	0.016667	0.017476	0.003524	-0.005559	0.019048
	-0.008076					
y238	-0.034180	0.051254	-0.042721	-0.006884	-0.007777	-0.040301
	0.020571	-0.001681	0.025416	-0.000080	0.021196	0.013687
	-0.014828	-0.005163	0.014438	0.009181	-0.014958	0.000209
	0.018185	-0.026711	0.016282	0.025524	0.027590	-0.018045
	-0.021875	-0.011893	0.010825	-0.000308	-0.038555	-0.020334
	0.004267					
z238	-0.025455	0.026031	0.011890	0.021791	0.001587	-0.022832
	0.001942	-0.049666	-0.009198	0.027285	-0.013957	0.019651
	0.016745	-0.000232	0.017032	-0.001678	0.006366	-0.004444
	0.007309	0.030909	0.026206	-0.004958	-0.020613	-0.028784
	-0.012884	0.016638	0.025282	0.012836	-0.036125	-0.024692
	-0.032367					
x239	0.019404	0.015995	-0.002519	-0.001242	0.005023	-0.016737
	-0.000522	0.030041	-0.037133	-0.019929	0.017529	-0.002119
	0.001773	0.008321	-0.001064	0.017644	-0.008335	-0.030477
	0.018356	0.042282	0.015009	-0.028740	0.018385	0.015732
	0.011923	0.009561	0.014107	0.005406	-0.006057	0.011661
	-0.001999					
y239	-0.031680	0.049676	-0.048064	-0.013812	-0.008732	-0.035594
	0.017281	-0.002271	0.032699	0.001739	0.019822	0.010914
	-0.010752	-0.009004	0.015794	0.014634	-0.013984	0.003353
	0.019894	-0.023913	0.014450	0.030158	0.034628	-0.019577
	-0.025092	-0.013788	0.010450	-0.004376	-0.034288	-0.022516
	-0.002545					
z239	-0.020490	0.028089	0.011665	0.020075	-0.002306	-0.024507
	-0.002348	-0.046783	-0.011654	0.024511	-0.011991	0.018860
	0.014529	0.001149	0.017128	-0.000122	0.004326	0.002765
	0.008211	0.034884	0.027757	-0.009027	-0.018424	-0.026469
	-0.010388	0.011811	0.027205	0.020950	-0.031773	-0.023787
	-0.026235					
x240	0.017516	0.015893	-0.002079	-0.004827	0.009496	-0.015445
	0.000723	0.031983	-0.032438	-0.021763	0.019787	-0.002235
	-0.001828	0.002311	-0.004882	0.020461	-0.017745	-0.030306
	0.023366	0.046583	0.009373	-0.033361	0.017413	0.008991
	0.008382	0.001769	0.006557	0.004044	-0.003626	0.003261
	0.003227					

y240	-0.029903	0.045666	-0.051045	-0.019463	-0.009621	-0.031951
	0.010225	-0.007986	0.035962	-0.000726	0.013336	0.006532
	-0.008841	-0.012459	0.016036	0.017167	-0.007228	0.007550
	0.022158	-0.017980	0.002859	0.031798	0.046710	-0.025053
	-0.029643	-0.014345	0.010157	0.009746	-0.038383	-0.026328
	-0.000697					
z240	-0.015225	0.029293	0.009956	0.016427	-0.006462	-0.023982
	-0.006493	-0.041320	-0.012879	0.021000	-0.008694	0.018868
	0.013156	-0.000834	0.015476	0.001786	0.000023	0.011469
	0.005717	0.038981	0.030399	-0.008411	-0.022723	-0.020459
	-0.009188	0.005463	0.027097	0.020062	-0.020327	-0.021252
	-0.024058					
x241	0.014446	0.015605	-0.002492	-0.008294	0.016293	-0.014799
	0.001895	0.032165	-0.026788	-0.022231	0.021000	-0.002378
	-0.005040	-0.005432	-0.009274	0.022167	-0.028056	-0.029948
	0.029692	0.051510	0.000206	-0.036897	0.014976	-0.000326
	0.003458	-0.005586	-0.006123	0.003182	0.000990	-0.007584
	0.008058					
y241	-0.027145	0.040830	-0.052205	-0.025205	-0.013736	-0.023957
	0.001863	-0.013790	0.038266	-0.003564	0.006925	0.004156
	-0.008313	-0.014850	0.015743	0.018877	0.004919	0.015570
	0.017613	-0.008864	0.003347	0.034940	0.047302	-0.024043
	-0.041094	-0.013756	0.000355	0.013819	-0.033823	-0.030061
	0.008002					
z241	-0.009995	0.029133	0.007491	0.011216	-0.008945	-0.025189
	-0.011729	-0.036478	-0.013404	0.013509	-0.006931	0.017302
	0.011468	-0.005265	0.010607	0.002980	-0.007524	0.019895
	0.004305	0.042351	0.022409	-0.009125	-0.022477	-0.018073
	-0.003780	-0.001009	0.027792	0.024995	-0.009326	-0.015767
	-0.024053					
x242	0.010043	0.015627	-0.003299	-0.011042	0.024229	-0.012961
	0.002477	0.029989	-0.020842	-0.022029	0.022088	-0.002279
	-0.006527	-0.014046	-0.014273	0.023982	-0.038868	-0.031166
	0.035808	0.057389	-0.010274	-0.039675	0.011492	-0.011528
	-0.003774	-0.012613	-0.022124	0.001673	0.004487	-0.017029
	0.009998					
y242	-0.023696	0.034497	-0.051159	-0.031340	-0.020061	-0.015568
	-0.003547	-0.017219	0.035347	-0.012784	-0.000552	0.003900
	-0.004125	-0.017296	0.013826	0.019646	0.017007	0.019095
	0.005278	-0.006595	-0.006302	0.040712	0.041590	-0.014161
	-0.048048	-0.021621	0.001094	0.005241	-0.035872	-0.016598
	-0.000233					

z242	-0.005410	0.027685	0.003313	0.005623	-0.011074	-0.026700
	-0.020142	-0.032475	-0.011270	0.005513	-0.005597	0.014402
	0.009812	-0.010966	0.002741	0.003358	-0.011966	0.030963
	0.003758	0.048495	0.013139	-0.011800	-0.020268	-0.018920
	0.001302	-0.001894	0.018918	0.034712	0.010211	-0.017497
	-0.015523					
x243	0.003495	0.013039	0.002418	-0.005779	0.026978	-0.008544
	0.006143	0.029246	-0.015326	-0.016342	0.023374	-0.003791
	0.003008	-0.014209	-0.010402	0.018997	-0.026338	-0.028240
	0.034273	0.047846	-0.002492	-0.039616	0.011824	-0.020773
	-0.013998	-0.006588	-0.013505	-0.001505	0.013096	-0.008228
	0.008130					
y243	-0.016554	0.030306	-0.048892	-0.034475	-0.024588	-0.013051
	-0.005240	-0.016238	0.032364	-0.014963	-0.010654	0.002635
	-0.005567	-0.013866	0.018505	0.024467	0.016026	0.023306
	0.003259	-0.014646	-0.016013	0.038187	0.045432	-0.018559
	-0.041635	-0.022808	0.009240	0.002666	-0.043534	-0.033391
	-0.016569					
z243	-0.003715	0.025415	-0.000057	0.001446	-0.005210	-0.032401
	-0.023754	-0.026735	-0.008745	0.004999	-0.003189	0.010686
	0.009002	-0.013533	0.006167	0.013311	-0.016817	0.028490
	0.003092	0.050627	0.001718	-0.013428	-0.018035	-0.012030
	0.004172	-0.013169	0.016733	0.036262	0.009867	-0.009789
	-0.019122					
x244	-0.002179	0.010723	0.007612	-0.001533	0.028458	-0.004582
	0.009230	0.028885	-0.010578	-0.010759	0.023772	-0.004535
	0.010245	-0.014646	-0.007210	0.014430	-0.015106	-0.025979
	0.031167	0.038373	0.004132	-0.040085	0.011941	-0.027256
	-0.020522	-0.001366	-0.006106	-0.002471	0.018725	0.001053
	0.007588					
y244	-0.010013	0.026511	-0.045128	-0.038511	-0.028981	-0.013071
	-0.008450	-0.015695	0.031408	-0.016300	-0.020240	0.004644
	-0.007247	-0.012658	0.021811	0.022962	0.015438	0.022758
	-0.005561	-0.023472	-0.023344	0.034280	0.046273	-0.010395
	-0.027829	-0.023250	0.012809	0.006690	-0.041979	-0.029378
	-0.021783					
z244	-0.003377	0.023095	-0.003033	-0.000586	-0.000272	-0.035585
	-0.025141	-0.021559	-0.007335	0.003495	-0.000056	0.004616
	0.010578	-0.013987	0.009472	0.022542	-0.020344	0.026590
	0.004126	0.051942	-0.006914	-0.013019	-0.014188	-0.011838
	0.002664	-0.023526	0.016214	0.033296	0.008581	-0.011350
	-0.022636					

x245	-0.006998	0.008368	0.011329	0.001931	0.030010	-0.000494
	0.010987	0.028723	-0.007855	-0.005305	0.023468	-0.003489
	0.015435	-0.016787	-0.003895	0.011657	-0.006139	-0.023063
	0.029775	0.028961	0.006476	-0.041859	0.010891	-0.032682
	-0.022610	0.001939	-0.000628	-0.003419	0.020449	0.010520
	0.003315					
y245	-0.004122	0.021839	-0.043637	-0.040552	-0.030706	-0.012958
	-0.013084	-0.016514	0.027503	-0.017792	-0.027837	0.010530
	-0.004868	-0.015022	0.023528	0.024720	0.013963	0.023738
	-0.006900	-0.025460	-0.034590	0.028460	0.046302	-0.005904
	-0.012368	-0.029471	0.013740	0.007411	-0.040348	-0.020166
	-0.031598					
z245	-0.004046	0.021387	-0.003481	-0.002971	0.003876	-0.037320
	-0.024774	-0.016813	-0.006128	0.002588	0.002843	-0.002069
	0.011509	-0.012621	0.010271	0.029045	-0.022533	0.024142
	0.003214	0.048152	-0.010828	-0.009169	-0.011006	-0.012393
	0.001766	-0.029410	0.020506	0.033124	0.008856	-0.011104
	-0.026348					
x246	-0.010626	0.006594	0.014684	0.004644	0.030608	0.003960
	0.013584	0.028586	-0.006230	0.000526	0.024135	-0.003701
	0.017677	-0.018427	-0.002797	0.007626	-0.003254	-0.018818
	0.027654	0.018971	0.008015	-0.043446	0.008899	-0.034626
	-0.026645	0.006444	0.002076	-0.004713	0.023069	0.014346
	0.003018					
y246	0.001904	0.017856	-0.040932	-0.042136	-0.032531	-0.011664
	-0.014875	-0.016539	0.023925	-0.017525	-0.031358	0.014154
	-0.003225	-0.014877	0.022189	0.018384	0.006329	0.027268
	-0.010444	-0.028201	-0.039437	0.023083	0.043899	0.004001
	-0.008571	-0.027289	0.009757	0.003027	-0.030728	-0.018957
	-0.030916					
z246	-0.005661	0.019084	-0.003010	-0.004898	0.007233	-0.038641
	-0.025196	-0.011052	-0.004242	0.002345	0.003987	-0.007279
	0.011940	-0.011825	0.012829	0.035309	-0.020441	0.018076
	0.001106	0.043417	-0.013700	-0.007728	-0.008484	-0.015411
	0.005169	-0.033365	0.024606	0.032010	0.005186	-0.010369
	-0.027954					
x247	-0.013310	0.005053	0.017604	0.006633	0.030331	0.008583
	0.015871	0.029019	-0.005506	0.006017	0.023640	-0.004675
	0.017453	-0.021109	-0.002525	0.003318	-0.002073	-0.015129
	0.024859	0.008946	0.009329	-0.043548	0.007649	-0.036662
	-0.027866	0.009329	0.004294	-0.002489	0.023139	0.016628
	0.004256					

y247	0.007155	0.013916	-0.037865	-0.042064	-0.033950	-0.010606
	-0.017198	-0.015632	0.021822	-0.018602	-0.034721	0.015913
	-0.001784	-0.017254	0.019898	0.009551	0.000399	0.027058
	-0.015202	-0.029977	-0.038316	0.021127	0.044438	0.010960
	-0.003209	-0.027176	0.007827	0.003234	-0.019236	-0.014540
	-0.027264					
z247	-0.008031	0.016586	-0.001053	-0.006642	0.009928	-0.038629
	-0.024828	-0.005469	-0.002785	0.002564	0.005205	-0.012597
	0.011926	-0.009988	0.013418	0.038134	-0.019347	0.012410
	-0.001437	0.035285	-0.015923	-0.006455	-0.008529	-0.016946
	0.007609	-0.032027	0.028123	0.027088	0.003781	-0.009970
	-0.027359					
x248	-0.015084	0.003928	0.019666	0.007445	0.029572	0.012959
	0.018486	0.030476	-0.006954	0.012677	0.022401	-0.003630
	0.015666	-0.022846	-0.002348	0.000946	-0.001969	-0.010239
	0.022532	-0.000532	0.008883	-0.043961	0.003933	-0.037734
	-0.025353	0.012730	0.008222	0.001051	0.017745	0.016720
	0.002827					
y248	0.012222	0.010552	-0.034699	-0.042378	-0.034220	-0.009354
	-0.016917	-0.013533	0.016151	-0.016358	-0.038010	0.023472
	0.001190	-0.015109	0.018044	0.004840	-0.003545	0.029905
	-0.017102	-0.028637	-0.035666	0.019025	0.037631	0.017755
	0.003199	-0.022422	0.013589	0.003038	-0.009149	-0.012216
	-0.029888					
z248	-0.011281	0.013876	0.002654	-0.008057	0.012392	-0.037219
	-0.024135	-0.000911	-0.001308	0.002574	0.006664	-0.019023
	0.011560	-0.009380	0.011223	0.037367	-0.019209	0.005318
	-0.004512	0.024365	-0.015939	-0.003509	-0.008166	-0.018999
	0.009263	-0.030051	0.030922	0.021744	0.005975	-0.008304
	-0.026561					
x249	-0.016183	0.002997	0.019894	0.008010	0.027912	0.016900
	0.020112	0.032773	-0.007578	0.018364	0.021187	-0.003469
	0.012141	-0.024449	0.002045	-0.000652	-0.000668	-0.006568
	0.018898	-0.009833	0.007528	-0.047168	0.000261	-0.038545
	-0.020158	0.016128	0.004329	0.002077	0.003625	0.013038
	0.005184					
y249	0.016739	0.007042	-0.032771	-0.039926	-0.034325	-0.009067
	-0.018053	-0.011694	0.014453	-0.017952	-0.037998	0.029468
	0.004748	-0.012865	0.021906	-0.001055	-0.005116	0.029213
	-0.021936	-0.024140	-0.030181	0.013079	0.035375	0.020683
	0.005586	-0.018556	0.006053	-0.004285	-0.006554	-0.010640
	-0.021420					

z249	-0.015288	0.011176	0.008509	-0.009460	0.013949	-0.034441
	-0.022179	0.004062	-0.000744	0.004020	0.007487	-0.025313
	0.010494	-0.008291	0.005811	0.033670	-0.020368	-0.002613
	-0.008767	0.010207	-0.013334	0.000531	-0.008685	-0.020512
	0.011153	-0.024241	0.036846	0.016211	0.011266	-0.006795
	-0.022227					
x250	-0.016522	0.002157	0.019311	0.008553	0.025706	0.023602
	0.021919	0.032907	-0.010753	0.022956	0.018303	-0.005049
	0.007830	-0.025405	0.006860	-0.001183	-0.001522	-0.001181
	0.015325	-0.020476	0.006139	-0.048371	-0.006571	-0.036948
	-0.013513	0.015827	0.001444	0.011372	-0.011704	0.006042
	0.004662					
y250	0.020367	0.003702	-0.031499	-0.035127	-0.034643	-0.004564
	-0.018260	-0.013602	0.009683	-0.020729	-0.039573	0.033870
	0.011855	-0.008055	0.025686	-0.006345	-0.006524	0.031107
	-0.023243	-0.018389	-0.020962	0.008501	0.027362	0.024791
	0.006458	-0.015934	0.002486	-0.002630	0.000463	-0.008979
	-0.019150					
z250	-0.020313	0.008372	0.015340	-0.010614	0.015094	-0.030869
	-0.020136	0.009367	-0.000405	0.005644	0.008636	-0.030919
	0.009772	-0.007450	-0.000153	0.027166	-0.019983	-0.011448
	-0.013123	-0.006853	-0.009333	0.004987	-0.009961	-0.023637
	0.014550	-0.016495	0.043919	0.009177	0.016066	-0.004508
	-0.017487					
x251	-0.016201	0.002088	0.018874	0.007264	0.022138	0.028846
	0.024737	0.033822	-0.014506	0.027604	0.015365	-0.004692
	-0.000630	-0.027923	0.005916	0.000659	-0.006673	0.003573
	0.014598	-0.029016	-0.002183	-0.046776	-0.010368	-0.038456
	-0.004231	0.016845	-0.000472	0.013777	-0.026970	0.002767
	0.002494					
y251	0.022458	0.001778	-0.029860	-0.031260	-0.035646	-0.001909
	-0.016368	-0.015072	0.004918	-0.024012	-0.039630	0.042546
	0.017928	-0.003625	0.021931	-0.008495	-0.010784	0.030855
	-0.018731	-0.005639	-0.020525	0.006766	0.023250	0.021209
	0.008786	-0.013473	0.002602	-0.011267	0.012757	0.001352
	-0.016844					
z251	-0.026185	0.005326	0.023681	-0.011068	0.015478	-0.025586
	-0.017468	0.014298	-0.000172	0.007224	0.009181	-0.037075
	0.008923	-0.005577	-0.007195	0.018139	-0.019416	-0.021463
	-0.018308	-0.026276	-0.002912	0.009260	-0.011861	-0.027565
	0.017834	-0.005506	0.050654	0.001260	0.021523	-0.002808
	-0.010505					

x252	-0.012145	0.004093	0.017687	0.007984	0.019579	0.031032
	0.026050	0.028664	-0.014087	0.031937	0.013548	-0.001984
	-0.000777	-0.025436	0.007193	0.001772	-0.009798	0.010411
	0.014823	-0.027432	-0.004702	-0.045109	-0.001423	-0.034015
	-0.012315	0.019515	0.003791	0.016709	-0.036760	0.013677
	0.002351					
y252	0.022880	0.001028	-0.028250	-0.025524	-0.037822	0.000862
	-0.014002	-0.013572	0.005962	-0.026864	-0.041614	0.041052
	0.013335	0.000013	0.023453	-0.014270	-0.014219	0.028066
	-0.018777	0.000111	-0.012640	0.006174	0.017026	0.022525
	0.008300	-0.008589	-0.010615	-0.013573	0.024649	-0.000439
	-0.001673					
z252	-0.028880	0.001899	0.024878	-0.012378	0.011416	-0.015172
	-0.016784	0.018468	-0.000918	0.000512	0.009733	-0.034798
	0.012868	-0.008711	-0.009081	0.017044	-0.026684	-0.017205
	-0.020646	-0.016671	-0.006703	0.005446	-0.013932	-0.015595
	0.025089	0.003649	0.048271	0.007261	0.015204	-0.009635
	-0.020755					
x253	-0.008385	0.006300	0.015305	0.008915	0.018305	0.032126
	0.026632	0.024268	-0.014201	0.035095	0.011879	0.001110
	0.000755	-0.022775	0.008396	0.003562	-0.009364	0.016020
	0.014336	-0.027588	-0.005937	-0.042438	0.003883	-0.033134
	-0.017730	0.017823	0.011293	0.018397	-0.045074	0.021066
	-0.001002					
y253	0.022557	0.001054	-0.028612	-0.020692	-0.036625	0.003679
	-0.012694	-0.011804	0.003174	-0.029283	-0.042903	0.045847
	0.012522	0.001017	0.021247	-0.014554	-0.011950	0.028793
	-0.017489	0.000552	-0.004898	0.007849	0.008312	0.017610
	0.010452	-0.011811	-0.012505	-0.016859	0.031504	-0.003183
	0.003323					
z253	-0.030856	-0.001126	0.025900	-0.013198	0.007501	-0.006009
	-0.015829	0.022463	-0.000986	-0.004996	0.009275	-0.033440
	0.015772	-0.010766	-0.009651	0.015201	-0.032365	-0.013919
	-0.022786	-0.008748	-0.007870	0.000337	-0.016056	-0.003258
	0.029591	0.011091	0.042994	0.009928	0.009660	-0.018365
	-0.025776					
x254	-0.004752	0.007668	0.012566	0.010265	0.017166	0.031978
	0.026449	0.019573	-0.012907	0.038163	0.009974	0.001751
	0.001574	-0.019227	0.010543	0.005350	-0.008806	0.019142
	0.014291	-0.028115	-0.007031	-0.041040	0.006909	-0.033863
	-0.023600	0.015653	0.015563	0.019439	-0.051904	0.026475
	-0.005314					

y254	0.021903	0.000759	-0.029995	-0.016339	-0.035501	0.005278
	-0.013187	-0.011707	0.002420	-0.032189	-0.045216	0.046765
	0.009614	0.001966	0.020007	-0.017179	-0.009895	0.027770
	-0.013711	-0.001283	0.000461	0.005148	0.000968	0.010781
	0.011371	-0.011350	-0.015393	-0.018359	0.030840	-0.005206
	0.003481					
z254	-0.032267	-0.003812	0.026330	-0.013378	0.004311	0.002002
	-0.015076	0.025033	-0.000840	-0.009563	0.007425	-0.033014
	0.017849	-0.012623	-0.010488	0.014076	-0.036356	-0.011451
	-0.023607	-0.003595	-0.008397	-0.004925	-0.018431	0.006937
	0.032152	0.015686	0.037547	0.010178	0.003704	-0.025264
	-0.031828					
x255	-0.001202	0.008995	0.009790	0.012322	0.016074	0.030025
	0.026857	0.014731	-0.011490	0.041380	0.008724	0.000192
	0.001878	-0.015570	0.012463	0.006256	-0.009230	0.021443
	0.013640	-0.027576	-0.008300	-0.037653	0.011029	-0.034132
	-0.030396	0.012819	0.020489	0.020320	-0.052264	0.030409
	-0.005111					
y255	0.021145	0.000949	-0.030785	-0.013133	-0.033565	0.005698
	-0.012694	-0.011709	-0.000650	-0.031500	-0.044797	0.046820
	0.005755	0.001591	0.020627	-0.018005	-0.010793	0.028029
	-0.008512	-0.001443	0.003960	0.003986	0.001423	0.006172
	0.010064	-0.011204	-0.018751	-0.017400	0.035092	-0.006921
	0.011661					
z255	-0.033147	-0.006143	0.026349	-0.013067	0.001640	0.008712
	-0.014256	0.026367	-0.001037	-0.012467	0.005243	-0.033420
	0.019703	-0.014120	-0.011395	0.013551	-0.039139	-0.009485
	-0.022865	-0.000481	-0.008683	-0.009677	-0.019097	0.016597
	0.032645	0.017462	0.032427	0.008531	0.000321	-0.028930
	-0.036687					
x256	0.001612	0.010666	0.007311	0.014370	0.016489	0.027319
	0.027775	0.011299	-0.010616	0.042852	0.008188	-0.001104
	0.001539	-0.011414	0.013477	0.006002	-0.008747	0.021766
	0.013577	-0.025953	-0.007384	-0.033083	0.013549	-0.035430
	-0.037858	0.007842	0.021726	0.017971	-0.051775	0.030901
	-0.006413					
y256	0.018726	0.002136	-0.032111	-0.010499	-0.030344	0.006019
	-0.012127	-0.009904	-0.005964	-0.032606	-0.041969	0.048841
	0.002647	0.000224	0.018972	-0.024367	-0.010722	0.027165
	-0.001948	-0.000112	0.006195	0.004421	0.004468	0.002929
	0.008042	-0.007770	-0.018682	-0.021107	0.035890	-0.006867
	0.014569					

z256	-0.034087	-0.007806	0.026282	-0.012502	0.000101	0.014580
	-0.013046	0.027760	-0.001944	-0.014954	0.002997	-0.033503
	0.020482	-0.015173	-0.012718	0.011798	-0.040107	-0.008926
	-0.020089	0.001633	-0.007300	-0.014320	-0.018903	0.026165
	0.029941	0.017085	0.024935	0.001661	-0.004269	-0.030171
	-0.042572					
x257	0.005435	0.011467	0.003584	0.017243	0.015941	0.022368
	0.028368	0.006381	-0.008026	0.045709	0.007086	-0.005297
	0.001970	-0.006564	0.015605	0.007430	-0.009180	0.022160
	0.011572	-0.024873	-0.006432	-0.027117	0.013451	-0.041800
	-0.043149	0.001010	0.027708	0.017581	-0.044622	0.031536
	-0.005270					
y257	0.017608	0.002936	-0.035635	-0.006795	-0.027747	0.004570
	-0.011454	-0.011727	-0.008863	-0.033398	-0.041367	0.050831
	-0.000381	-0.003078	0.018130	-0.022900	-0.013564	0.028579
	0.001876	0.000926	0.005754	0.005190	0.008850	-0.009893
	0.009282	-0.008249	-0.012772	-0.019587	0.035232	-0.005160
	0.016194					
z257	-0.033641	-0.009312	0.024838	-0.010607	-0.001797	0.018435
	-0.012008	0.026403	-0.001333	-0.015854	-0.001374	-0.035309
	0.020860	-0.016333	-0.013475	0.012914	-0.040914	-0.008750
	-0.017465	0.001823	-0.005942	-0.018830	-0.018242	0.030826
	0.026478	0.013159	0.018823	-0.006415	-0.005765	-0.029469
	-0.047134					
x258	0.008158	0.012604	0.000498	0.019806	0.016625	0.017116
	0.029503	0.004041	-0.005887	0.045891	0.007799	-0.009425
	0.002005	-0.000110	0.017157	0.005358	-0.007962	0.020544
	0.009878	-0.023857	-0.003337	-0.022093	0.013118	-0.046430
	-0.048305	-0.008387	0.031895	0.017250	-0.038123	0.028008
	-0.004411					
y258	0.014643	0.003535	-0.037191	-0.007705	-0.022244	0.005263
	-0.009605	-0.006420	-0.017018	-0.031624	-0.033881	0.055223
	-0.002352	-0.000947	0.016071	-0.030416	-0.012350	0.029098
	0.008864	0.000773	0.004653	0.001205	0.016856	-0.018793
	0.009008	-0.010722	-0.003910	-0.013069	0.027412	-0.003917
	0.026870					
z258	-0.033232	-0.010321	0.023841	-0.009420	-0.002769	0.022542
	-0.010626	0.025811	-0.002842	-0.016553	-0.004494	-0.037363
	0.020229	-0.015648	-0.014021	0.012257	-0.038638	-0.010060
	-0.013327	-0.000306	-0.002933	-0.024221	-0.017265	0.037218
	0.022067	0.005267	0.011924	-0.016295	-0.009342	-0.027298
	-0.049318					

x259	0.011719	0.013179	-0.003379	0.023433	0.016634	0.009641
	0.030478	-0.000261	-0.002204	0.046750	0.007268	-0.016364
	0.001367	0.005784	0.019929	0.005833	-0.007597	0.018824
	0.006387	-0.022427	0.000473	-0.014940	0.010082	-0.053398
	-0.053514	-0.018871	0.037121	0.015864	-0.025248	0.022924
	-0.001259					
y259	0.013585	0.005740	-0.039004	-0.005632	-0.017856	0.004695
	-0.008605	-0.009495	-0.020813	-0.029688	-0.033139	0.059780
	-0.007204	-0.006128	0.017783	-0.027764	-0.014422	0.036384
	0.016829	-0.000163	0.007628	0.000033	0.020215	-0.027286
	0.008144	-0.010525	0.001565	-0.010349	0.016939	-0.002875
	0.037176					
z259	-0.031542	-0.010764	0.022344	-0.006752	-0.003505	0.024636
	-0.009544	0.022532	-0.002138	-0.014147	-0.011486	-0.040533
	0.018968	-0.014396	-0.013104	0.013799	-0.036961	-0.009828
	-0.007059	-0.005335	0.003003	-0.030621	-0.016751	0.042032
	0.012184	-0.005216	0.002498	-0.029774	-0.010622	-0.024344
	-0.048825					
x260	0.015336	0.013282	-0.007576	0.027443	0.017051	0.000846
	0.031744	-0.004558	0.002080	0.047922	0.006967	-0.024459
	0.000863	0.012008	0.022238	0.006043	-0.007106	0.015497
	0.002534	-0.020330	0.004780	-0.006286	0.005719	-0.064180
	-0.058602	-0.031505	0.042179	0.013894	-0.008111	0.016112
	0.002487					
y260	0.013000	0.006633	-0.041916	-0.003607	-0.013453	0.002575
	-0.007547	-0.011971	-0.024745	-0.025592	-0.028028	0.063785
	-0.007675	-0.014665	0.017260	-0.030598	-0.012786	0.046895
	0.020968	-0.000577	0.003986	0.006717	0.020592	-0.035649
	0.010129	-0.002262	0.024187	-0.000621	0.015390	0.000745
	0.048410					
z260	-0.029269	-0.011501	0.020647	-0.003708	-0.004048	0.025648
	-0.008129	0.019484	-0.002031	-0.011284	-0.017595	-0.044585
	0.017514	-0.014011	-0.012277	0.012455	-0.031652	-0.008780
	-0.001945	-0.011180	0.009974	-0.032592	-0.018995	0.048709
	0.001695	-0.015143	-0.004246	-0.044381	-0.006935	-0.021978
	-0.047585					
x261	0.019862	0.019213	-0.020899	0.037172	0.020506	0.000184
	0.034577	0.000592	0.013207	0.049101	0.016505	-0.018046
	0.002567	0.012774	0.013026	0.001462	0.005548	0.009533
	0.007571	-0.003874	0.002589	-0.012213	0.008493	-0.054519
	-0.046115	-0.042600	0.035206	0.006605	0.012502	0.003450
	-0.016800					

y261	0.005282	0.001262	-0.036477	0.002731	-0.008751	-0.002295
	-0.011767	-0.018571	-0.025345	-0.017757	-0.034941	0.058787
	-0.008333	-0.021952	0.005870	-0.013492	-0.009974	0.032603
	0.005993	0.014447	-0.009167	0.008406	0.004928	-0.028948
	-0.003398	0.007283	0.011929	-0.008145	-0.016834	0.015850
	0.024865					
z261	-0.020222	-0.008904	0.007844	0.002389	-0.003761	0.033701
	0.006224	0.018649	-0.006026	-0.013878	-0.007629	-0.049958
	0.011965	-0.013258	0.001737	0.004763	-0.027293	-0.003872
	0.009171	-0.018603	0.022426	-0.034789	-0.007819	0.031434
	0.002958	-0.029512	0.003511	-0.047533	0.002980	-0.027233
	-0.033595					
x262	0.023101	0.023980	-0.029278	0.042111	0.021742	-0.002205
	0.034297	0.005225	0.021131	0.051623	0.025749	-0.011175
	0.005858	0.016213	0.006343	-0.002601	0.014458	0.005351
	0.012574	0.008558	-0.002006	-0.015752	0.013861	-0.045581
	-0.034728	-0.044366	0.031214	-0.002946	0.029759	-0.005676
	-0.029399					
y262	-0.003712	-0.001810	-0.033973	0.006487	-0.000426	-0.005462
	-0.012729	-0.016475	-0.024622	-0.009021	-0.037024	0.057454
	-0.007429	-0.027959	-0.007350	-0.012559	-0.007261	0.021947
	-0.005442	0.026168	-0.013054	0.000290	-0.003909	-0.024086
	-0.021783	0.000813	0.005947	-0.006078	-0.045539	0.014800
	0.007614					
z262	-0.012016	-0.003923	-0.005951	0.007924	-0.003701	0.037249
	0.018710	0.017812	-0.005589	-0.016164	0.001185	-0.048795
	0.008007	-0.016688	0.010743	-0.002787	-0.022922	0.003223
	0.019085	-0.024673	0.036274	-0.037996	0.001196	0.015686
	0.003359	-0.049964	0.013786	-0.048091	0.009061	-0.032412
	-0.020483					
x263	0.025156	0.026619	-0.033398	0.043197	0.020625	-0.006516
	0.031697	0.007978	0.027176	0.054815	0.034450	-0.006380
	0.008944	0.018232	-0.000685	-0.003643	0.018735	-0.000779
	0.012518	0.018778	-0.008196	-0.015770	0.018231	-0.039053
	-0.025455	-0.040888	0.027586	-0.014574	0.035990	-0.013941
	-0.038259					
y263	-0.011850	-0.004817	-0.031799	0.013556	0.006644	-0.004944
	-0.015367	-0.017468	-0.024342	0.007702	-0.042120	0.049935
	-0.003674	-0.030395	-0.016023	-0.003794	-0.002544	0.010641
	-0.014999	0.029903	-0.016182	-0.006199	-0.014889	-0.009256
	-0.034101	0.000771	0.006339	-0.003415	-0.055239	0.019047
	-0.003487					

z263	-0.005455	-0.001124	-0.016936	0.016661	-0.003714	0.039873
	0.027913	0.016082	-0.005406	-0.013387	0.005715	-0.049840
	0.010480	-0.013945	0.012790	-0.000407	-0.015167	0.004050
	0.025733	-0.031106	0.039783	-0.036595	0.005172	0.014459
	0.001496	-0.058094	0.017929	-0.050128	0.011846	-0.021723
	-0.017717					
x264	0.027423	0.028706	-0.035372	0.041525	0.018942	-0.008930
	0.027911	0.006350	0.031577	0.059408	0.040123	-0.006602
	0.015301	0.021319	-0.005607	-0.005945	0.022346	-0.001888
	0.010026	0.019937	-0.008519	-0.012287	0.011969	-0.021523
	-0.018648	-0.042377	0.026919	-0.009918	0.040102	-0.033260
	-0.044294					
y264	-0.018382	-0.007900	-0.030551	0.019342	0.013389	-0.005072
	-0.017079	-0.015519	-0.022666	0.020348	-0.045540	0.042869
	-0.002977	-0.031297	-0.022129	-0.002447	-0.003392	0.002466
	-0.017262	0.038793	-0.022434	-0.015903	-0.016598	-0.007429
	-0.041365	0.005903	0.006487	-0.016125	-0.063341	0.026714
	-0.009572					
z264	0.001676	0.001374	-0.028565	0.025456	-0.004549	0.040854
	0.036108	0.015560	-0.004261	-0.010871	0.011355	-0.049033
	0.012543	-0.012876	0.013907	0.000263	-0.008015	0.005236
	0.031006	-0.033204	0.039876	-0.032629	0.010020	0.011110
	0.002174	-0.063447	0.021508	-0.049540	0.014423	-0.013354
	-0.014216					
x265	0.028491	0.029134	-0.032046	0.036685	0.014773	-0.013922
	0.022461	0.002963	0.034259	0.063831	0.042669	-0.009458
	0.022497	0.027306	-0.014102	-0.004536	0.017474	-0.008208
	0.005966	0.017642	-0.015106	-0.013365	0.008540	-0.011222
	-0.005603	-0.033983	0.027314	-0.011501	0.031235	-0.045536
	-0.030936					
y265	-0.022262	-0.009649	-0.031832	0.021991	0.021315	0.000099
	-0.018476	-0.014426	-0.022774	0.034744	-0.048443	0.031795
	-0.000482	-0.026956	-0.025298	-0.008964	0.000057	0.008370
	-0.010589	0.041884	-0.016177	-0.017370	-0.032713	0.011047
	-0.046453	0.010742	0.012593	-0.023161	-0.060877	0.029286
	-0.025520					
z265	0.009469	0.005537	-0.041577	0.033384	-0.005666	0.041689
	0.043029	0.014613	-0.002122	-0.006229	0.017241	-0.046626
	0.014651	-0.011358	0.010774	0.002568	0.000547	0.008709
	0.037381	-0.035347	0.043400	-0.023694	0.008981	0.012347
	0.009438	-0.063420	0.028669	-0.046278	0.016052	-0.005622
	-0.011788					

x266	0.028869	0.028496	-0.022671	0.027223	0.004841	-0.021490
	0.014660	-0.003119	0.036236	0.072983	0.039776	-0.011264
	0.030962	0.032250	-0.024362	0.001280	0.009393	-0.013831
	0.003527	0.012099	-0.021170	-0.010734	-0.008215	0.005001
	0.006534	-0.021653	0.023922	-0.022607	0.015433	-0.051447
	-0.023004					
y266	-0.024256	-0.010756	-0.033767	0.024810	0.030193	0.009660
	-0.018535	-0.012856	-0.023615	0.049359	-0.049650	0.014384
	0.003116	-0.016867	-0.029093	-0.019110	0.000688	0.016877
	-0.002371	0.039115	-0.003120	-0.019763	-0.048364	0.034259
	-0.048045	0.020647	0.026302	-0.024159	-0.050606	0.021890
	-0.017223					
z266	0.018931	0.009991	-0.055954	0.043808	-0.007827	0.041106
	0.052516	0.015316	0.002622	-0.000579	0.024821	-0.043698
	0.018756	-0.008422	0.000388	0.007263	0.010967	0.007221
	0.039772	-0.033134	0.042140	-0.013144	0.006561	0.014741
	0.017009	-0.054847	0.030084	-0.044431	0.012226	0.002444
	-0.008349					
x267	0.026591	0.026261	-0.005730	0.009422	-0.010003	-0.032547
	-0.000503	-0.009759	0.030790	0.087983	0.036829	-0.013346
	0.048955	0.044008	-0.032651	0.001670	-0.000629	-0.017430
	0.000799	-0.000483	-0.025216	-0.004908	-0.034132	0.041255
	0.022142	0.008189	0.032653	-0.024484	-0.000162	-0.048793
	-0.001808					
y267	-0.022147	-0.013019	-0.037504	0.032450	0.036954	0.021218
	-0.011375	-0.013788	-0.020627	0.059354	-0.050589	-0.002424
	0.006037	-0.011839	-0.030915	-0.028436	-0.004208	0.023104
	0.005042	0.037271	0.007999	-0.024623	-0.057563	0.034004
	-0.051200	0.013748	0.026255	-0.027224	-0.044677	-0.003350
	-0.010459					
z267	0.031128	0.012814	-0.072872	0.061165	-0.013442	0.036633
	0.067721	0.011886	0.012896	0.001654	0.027529	-0.036844
	0.023689	-0.010579	-0.014644	0.018534	0.024576	-0.003814
	0.038082	-0.023368	0.023608	-0.001060	0.003394	0.012011
	0.029087	-0.052069	0.013776	-0.041108	-0.001251	0.005121
	-0.016347					
x268	0.020755	0.022327	0.020879	-0.017488	-0.023586	-0.044513
	-0.026479	-0.019479	0.023552	0.104702	0.038503	-0.015039
	0.068674	0.054713	-0.033900	0.005958	-0.019113	-0.013529
	-0.012679	-0.023773	-0.022055	0.009462	-0.041787	0.068039
	0.017510	0.038333	0.046386	-0.020289	-0.010548	-0.049917
	0.024646					

y268	-0.015600	-0.015944	-0.048270	0.048510	0.040074	0.030334
	0.005413	-0.017066	-0.010614	0.055347	-0.049394	-0.012016
	0.011197	-0.008644	-0.026507	-0.047201	-0.008355	0.020001
	0.006165	0.047081	0.007414	-0.035006	-0.050318	0.007227
	-0.049916	-0.006706	0.007772	-0.017684	-0.046708	-0.040350
	-0.014523					
z268	0.041427	0.011330	-0.085960	0.080984	-0.019869	0.028999
	0.077949	0.006932	0.022294	0.002000	0.025178	-0.024167
	0.031250	-0.013590	-0.030627	0.034406	0.041202	-0.016691
	0.031553	-0.014855	-0.003048	0.015856	0.003248	0.010650
	0.034818	-0.045220	-0.013254	-0.025779	-0.009646	-0.003485
	-0.025822					
x269	0.012370	0.016845	0.040938	-0.037791	-0.030126	-0.058526
	-0.043149	-0.024030	0.030140	0.105401	0.038300	-0.019883
	0.068421	0.053814	-0.033710	0.006816	-0.045826	-0.028992
	-0.045208	-0.029415	-0.034338	0.011373	-0.026183	0.048767
	0.010230	0.040458	0.049454	-0.031320	-0.017077	-0.045152
	0.030895					
y269	-0.007228	-0.014634	-0.057101	0.054815	0.041655	0.041326
	0.017410	-0.020734	-0.001002	0.058096	-0.043732	-0.023497
	0.014350	0.005226	-0.020259	-0.069181	-0.010966	0.021147
	0.016972	0.040184	0.018061	-0.030582	-0.042868	-0.004681
	-0.035501	-0.010940	0.002570	-0.008878	-0.032404	-0.058013
	0.000621					
z269	0.041633	0.008131	-0.079010	0.082598	-0.025362	0.016543
	0.062863	0.004945	0.027898	0.011180	0.021020	-0.015530
	0.042846	-0.005584	-0.046742	0.051285	0.035312	-0.025574
	0.018930	-0.019996	-0.018088	0.042771	-0.002806	0.026819
	0.042381	-0.007006	-0.016207	-0.027967	-0.020655	0.015919
	-0.002072					
x270	-0.026636	-0.016725	0.010491	0.015915	-0.045010	0.000640
	0.017772	-0.013503	-0.003095	-0.024168	0.007306	-0.025365
	0.024719	-0.032943	-0.016932	-0.004558	0.002937	-0.029680
	-0.049194	-0.013839	0.029802	-0.055996	0.028853	0.011841
	0.053665	-0.023159	0.036521	0.003698	0.032062	0.011907
	0.020532					
y270	0.051385	0.023552	-0.001563	-0.065561	-0.012038	-0.011000
	-0.026611	-0.016573	0.021500	0.066477	0.010635	-0.009167
	0.034873	-0.019315	-0.041132	0.050671	0.018817	0.001481
	0.018488	-0.031234	0.010450	-0.028309	-0.023233	0.017207
	0.065948	0.022538	-0.000586	0.051816	-0.020222	0.018191
	-0.060423					

z270	0.001916	-0.002913	0.009053	0.036589	-0.026839	-0.003495
	-0.004628	0.032330	-0.026919	0.008585	0.001667	0.008012
	0.002825	0.030595	0.029253	-0.033604	-0.041975	0.040083
	0.051873	-0.086877	-0.035159	-0.035475	0.070332	0.008576
	-0.007087	-0.053325	-0.017706	0.006459	-0.047240	0.028584
	-0.020104					
x271	-0.025573	-0.013515	0.010536	0.021902	-0.042165	-0.004192
	0.024902	-0.017626	0.000924	-0.020380	0.013422	-0.027319
	0.021333	-0.021346	-0.013663	0.000581	0.002951	-0.021990
	-0.044053	-0.025861	0.018766	-0.059109	0.035876	0.005445
	0.034044	-0.018866	0.044242	-0.003417	0.030261	0.016245
	0.016090					
y271	0.052267	0.027860	0.005426	-0.073658	-0.007579	-0.011358
	-0.030672	-0.014130	0.027486	0.060774	0.009793	-0.007398
	0.039183	-0.023068	-0.047894	0.038853	0.013986	0.000196
	0.007409	-0.029243	0.007987	-0.032482	-0.036096	0.019455
	0.050142	0.008793	-0.002400	0.039267	-0.010412	0.040925
	-0.034936					
z271	0.004759	-0.007550	0.007407	0.034719	-0.026689	-0.006471
	-0.005199	0.026499	-0.023851	0.011137	-0.001030	0.001144
	-0.004467	0.020337	0.025775	-0.038674	-0.045710	0.039939
	0.048523	-0.081903	-0.032490	-0.030015	0.064735	0.011443
	-0.003809	-0.044756	-0.025618	0.000986	-0.038240	0.020064
	-0.017360					
x272	-0.029115	-0.006901	0.015690	0.025131	-0.035167	-0.003012
	0.035043	-0.014549	-0.002014	-0.031685	0.020952	-0.022328
	0.014400	-0.012721	-0.016494	-0.003465	0.004302	-0.013513
	-0.030554	-0.032846	0.010871	-0.058706	0.042358	0.016142
	0.022038	-0.012764	0.035705	-0.008062	0.021074	0.008141
	0.006195					
y272	0.051641	0.031470	0.011773	-0.080326	-0.001972	-0.010392
	-0.032970	-0.011421	0.030653	0.052461	0.011682	-0.003884
	0.041350	-0.026100	-0.052631	0.027677	0.013223	-0.003180
	-0.001099	-0.027419	0.007146	-0.035290	-0.044246	0.020321
	0.035069	-0.004067	-0.005372	0.026804	-0.007319	0.059385
	-0.016168					
z272	0.009170	-0.013930	0.004760	0.032613	-0.026633	-0.011649
	-0.007176	0.017780	-0.018331	0.017934	-0.006174	-0.008312
	-0.008957	0.011207	0.023565	-0.040582	-0.048362	0.039274
	0.042587	-0.077379	-0.031774	-0.026463	0.057463	0.007339
	-0.001110	-0.034364	-0.027697	-0.000149	-0.022576	0.009487
	-0.009480					

x273	-0.030897	-0.006536	0.015104	0.029167	-0.030259	-0.003671
	0.040081	-0.010976	-0.001841	-0.036523	0.021732	-0.022354
	0.009287	-0.006324	-0.009108	-0.005879	0.013109	-0.004435
	-0.028016	-0.039466	-0.003168	-0.058278	0.038352	0.012919
	0.015512	-0.002968	0.034004	-0.006800	0.009943	-0.005964
	-0.003381					
y273	0.051743	0.033674	0.017007	-0.085134	0.002026	-0.009402
	-0.034373	-0.010351	0.033535	0.046629	0.012956	-0.003731
	0.043101	-0.027793	-0.054763	0.019685	0.013103	-0.006656
	-0.008417	-0.025551	0.004713	-0.035669	-0.049689	0.017069
	0.021439	-0.014596	-0.006411	0.020505	-0.001579	0.074345
	-0.000319					
z273	0.012327	-0.019211	0.002819	0.029085	-0.024041	-0.015927
	-0.009685	0.010204	-0.014068	0.022325	-0.009961	-0.013965
	-0.011775	0.004017	0.021296	-0.042186	-0.047449	0.036309
	0.039679	-0.071670	-0.027003	-0.026315	0.049989	0.006431
	0.001550	-0.023945	-0.030411	-0.002500	-0.013633	-0.000413
	-0.001779					
x274	-0.033832	-0.007222	0.016887	0.032638	-0.026570	-0.005778
	0.045209	-0.009184	-0.003210	-0.035471	0.018832	-0.021260
	0.000602	-0.000562	-0.009365	-0.009238	0.013701	0.008214
	-0.020639	-0.049142	-0.008542	-0.052655	0.028106	0.012653
	0.006571	0.007299	0.039903	-0.007494	0.007692	-0.010427
	-0.000587					
y274	0.051476	0.035286	0.021100	-0.087661	0.005412	-0.008173
	-0.035028	-0.008536	0.037352	0.042198	0.013835	-0.004578
	0.043849	-0.026533	-0.054400	0.013780	0.015356	-0.010347
	-0.012753	-0.025350	0.002321	-0.037360	-0.053770	0.012710
	0.008400	-0.023395	-0.009126	0.018119	-0.000588	0.082423
	0.010474					
z274	0.015942	-0.024577	0.000291	0.025045	-0.019789	-0.019970
	-0.011897	0.002696	-0.009637	0.023419	-0.011926	-0.018447
	-0.012334	-0.002302	0.020355	-0.042338	-0.044015	0.030457
	0.034831	-0.062439	-0.024083	-0.028023	0.045896	0.002286
	0.003277	-0.016177	-0.034305	-0.004212	-0.006139	-0.008448
	0.002981					
x275	-0.036392	-0.009357	0.017399	0.034711	-0.023885	-0.006026
	0.046057	-0.011901	-0.006162	-0.034439	0.019249	-0.025562
	-0.009214	0.001287	-0.003751	-0.014434	0.015247	0.014902
	-0.010511	-0.047643	-0.012626	-0.046216	0.029859	0.009659
	0.008699	0.017291	0.032472	-0.003989	0.007725	-0.013595
	-0.012975					

y275	0.051396	0.035334	0.023677	-0.088804	0.008005	-0.005625
	-0.034371	-0.006238	0.039719	0.037613	0.014134	-0.004861
	0.044313	-0.023087	-0.052212	0.010330	0.020841	-0.015915
	-0.016259	-0.025835	0.000874	-0.037887	-0.055561	0.007855
	-0.000821	-0.031235	-0.009847	0.017862	-0.002628	0.082428
	0.017197					
z275	0.019507	-0.028951	-0.001893	0.019684	-0.013780	-0.024204
	-0.014151	-0.003709	-0.004579	0.024900	-0.013762	-0.022472
	-0.010126	-0.006420	0.018651	-0.040299	-0.037305	0.024938
	0.029282	-0.055323	-0.021197	-0.032433	0.038772	-0.000387
	0.001172	-0.007716	-0.034211	-0.006137	-0.000936	-0.010588
	0.009819					
x276	-0.039138	-0.012067	0.017066	0.036585	-0.021867	-0.007666
	0.049832	-0.011284	-0.009235	-0.033483	0.017399	-0.024167
	-0.017701	0.003531	-0.001992	-0.017892	0.014988	0.022961
	-0.008804	-0.050234	-0.016226	-0.040692	0.026280	0.011029
	0.004962	0.024747	0.028285	-0.006367	0.008132	-0.010268
	-0.010320					
y276	0.051033	0.034552	0.025511	-0.088177	0.009701	-0.002805
	-0.032972	-0.003744	0.042267	0.034583	0.013493	-0.007414
	0.043578	-0.018238	-0.046141	0.008788	0.028506	-0.021569
	-0.017230	-0.026224	-0.000118	-0.038478	-0.055135	0.000965
	-0.009878	-0.036206	-0.012337	0.023187	-0.006539	0.078838
	0.022931					
z276	0.023732	-0.033318	-0.004083	0.013109	-0.006420	-0.028289
	-0.016764	-0.010857	0.000720	0.025709	-0.014600	-0.026912
	-0.005823	-0.009381	0.017668	-0.037906	-0.028052	0.016527
	0.024460	-0.047450	-0.018459	-0.038020	0.033130	-0.003059
	0.000605	-0.000153	-0.033013	-0.008993	0.002670	-0.012902
	0.012787					
x277	-0.041965	-0.015081	0.016299	0.037824	-0.019633	-0.010541
	0.051698	-0.011901	-0.012049	-0.030973	0.013423	-0.022751
	-0.024822	0.005442	-0.002047	-0.020922	0.015032	0.029857
	-0.003832	-0.052079	-0.021419	-0.035922	0.020716	0.010685
	0.002644	0.031848	0.026899	-0.011579	0.005869	-0.010002
	-0.014623					
y277	0.050524	0.032618	0.026140	-0.085831	0.011091	-0.000087
	-0.031119	-0.001470	0.044559	0.032391	0.011432	-0.010346
	0.042936	-0.011474	-0.037523	0.009576	0.039192	-0.028525
	-0.015308	-0.027470	-0.001061	-0.038955	-0.054334	-0.008890
	-0.017697	-0.040535	-0.011962	0.031623	-0.013910	0.069223
	0.023890					

z277	0.028277	-0.037495	-0.006255	0.005418	0.002258	-0.031929
	-0.018908	-0.017734	0.005789	0.025932	-0.014469	-0.031089
	-0.000081	-0.011626	0.017683	-0.034433	-0.016160	0.007039
	0.019238	-0.039750	-0.016411	-0.044495	0.028687	-0.005206
	0.000005	0.007512	-0.030780	-0.012113	0.004963	-0.012975
	0.016252					
x278	-0.045019	-0.017674	0.015181	0.038367	-0.016649	-0.011141
	0.053436	-0.013831	-0.016373	-0.030670	0.012089	-0.021844
	-0.030038	0.006156	-0.005134	-0.021586	0.012570	0.037678
	-0.003962	-0.050530	-0.025802	-0.030859	0.021815	0.007695
	-0.001260	0.037930	0.020500	-0.019775	0.003843	-0.003473
	-0.022791					
y278	0.050005	0.029637	0.025944	-0.081537	0.012082	0.003837
	-0.027702	-0.000087	0.045560	0.029802	0.009196	-0.014849
	0.042509	-0.003374	-0.027239	0.013685	0.050773	-0.035127
	-0.013044	-0.028316	-0.001570	-0.037977	-0.049521	-0.024596
	-0.025902	-0.044096	-0.010449	0.043540	-0.021055	0.056109
	0.020755					
z278	0.033192	-0.041849	-0.008667	-0.003470	0.012215	-0.035968
	-0.022128	-0.024698	0.011792	0.027094	-0.014870	-0.034963
	0.007439	-0.011667	0.018096	-0.030215	-0.000561	-0.003910
	0.014562	-0.031446	-0.013649	-0.052381	0.022446	-0.006508
	0.000459	0.016804	-0.024340	-0.013565	0.007165	-0.011579
	0.020927					
x279	-0.048226	-0.020241	0.014130	0.036989	-0.014956	-0.012641
	0.053671	-0.014176	-0.020804	-0.028274	0.008617	-0.019797
	-0.036731	0.005450	-0.009406	-0.026990	0.013025	0.046360
	-0.004400	-0.048779	-0.028596	-0.023329	0.018723	0.012101
	-0.001180	0.046643	0.014305	-0.029278	0.005167	0.005431
	-0.024847					
y279	0.049583	0.026239	0.025018	-0.076003	0.012016	0.008018
	-0.023323	0.002077	0.046461	0.028521	0.006089	-0.019834
	0.040700	0.007156	-0.015259	0.018432	0.065921	-0.041854
	-0.008658	-0.030406	-0.001745	-0.035597	-0.043543	-0.039012
	-0.032630	-0.044987	-0.007038	0.059245	-0.029477	0.038098
	0.017336					
z279	0.038443	-0.046607	-0.011468	-0.012818	0.023744	-0.040040
	-0.025388	-0.032252	0.017863	0.027434	-0.014646	-0.038663
	0.018132	-0.010839	0.020010	-0.022465	0.016980	-0.017172
	0.009372	-0.021955	-0.012172	-0.063191	0.017134	-0.011184
	-0.000776	0.023350	-0.018991	-0.016242	0.007803	-0.009073
	0.024779					

x280	-0.052942	-0.023674	0.011203	0.034798	-0.013078	-0.016515
	0.052056	-0.015020	-0.026261	-0.027464	0.007944	-0.020919
	-0.035317	0.005216	-0.009423	-0.029439	0.028069	0.045636
	-0.013210	-0.049334	-0.026063	-0.024970	0.023115	0.006665
	-0.006312	0.037082	0.009012	-0.032027	-0.005903	0.010024
	-0.025933					
y280	0.048676	0.030448	0.027622	-0.068689	0.005921	0.017018
	-0.014662	0.010848	0.044199	0.016383	0.003044	-0.018614
	0.035686	0.014858	-0.018143	0.024845	0.049841	-0.027235
	0.006078	-0.029022	-0.012145	-0.025949	-0.048697	-0.031497
	-0.035081	-0.025131	0.002956	0.067360	-0.027811	0.032134
	0.014090					
z280	0.045277	-0.048162	-0.013939	-0.018940	0.034679	-0.040841
	-0.025363	-0.036044	0.021688	0.017702	-0.012871	-0.045132
	0.023725	-0.015837	0.015211	-0.012152	0.017598	-0.021593
	0.005914	-0.014950	-0.028396	-0.076094	0.003185	-0.011963
	-0.000214	0.022427	-0.001238	-0.000593	0.019013	-0.011034
	0.018967					
x281	-0.056099	-0.026710	0.009086	0.032164	-0.013474	-0.018354
	0.050186	-0.017212	-0.032061	-0.027133	0.009359	-0.022084
	-0.034260	0.004587	-0.012349	-0.031758	0.037478	0.041792
	-0.022893	-0.045713	-0.024951	-0.025562	0.031202	0.001622
	-0.010005	0.027370	0.004758	-0.036319	-0.007793	0.017259
	-0.024825					
y281	0.047265	0.033609	0.031121	-0.061125	-0.001107	0.025478
	-0.006196	0.016899	0.040578	0.005622	0.003023	-0.017577
	0.029982	0.020673	-0.023936	0.029092	0.031833	-0.015023
	0.018305	-0.025910	-0.020659	-0.016387	-0.048423	-0.025561
	-0.038064	-0.009878	0.010310	0.070597	-0.019445	0.027083
	0.011544					
z281	0.051350	-0.049058	-0.016596	-0.025036	0.045873	-0.040561
	-0.024910	-0.037719	0.025580	0.007985	-0.011737	-0.049385
	0.027561	-0.018704	0.012400	-0.004397	0.021400	-0.023796
	0.001932	-0.009742	-0.040850	-0.086458	-0.008923	-0.011652
	-0.000019	0.022863	0.010781	0.012855	0.023935	-0.012063
	0.012558					
x282	-0.058478	-0.028018	0.007023	0.028213	-0.014699	-0.020226
	0.047041	-0.018359	-0.037516	-0.024285	0.009216	-0.025022
	-0.032005	0.004461	-0.012936	-0.033171	0.049375	0.038746
	-0.027920	-0.043922	-0.024596	-0.027345	0.034944	-0.002348
	-0.012445	0.023274	-0.001793	-0.037071	-0.012576	0.023989
	-0.023301					

y282	0.044351	0.036035	0.033322	-0.054336	-0.007724	0.031820
	-0.001793	0.023073	0.037122	-0.000760	0.003096	-0.017742
	0.025223	0.025574	-0.023097	0.031734	0.022670	-0.004690
	0.030659	-0.024728	-0.026091	-0.012916	-0.048493	-0.020460
	-0.037447	0.005777	0.008073	0.071841	-0.020470	0.022595
	0.006174					
z282	0.056962	-0.049274	-0.018485	-0.030388	0.056215	-0.038706
	-0.021938	-0.038638	0.028786	-0.002606	-0.010033	-0.051861
	0.029901	-0.020941	0.007300	0.000586	0.023727	-0.023536
	-0.002603	-0.005121	-0.050814	-0.091123	-0.016802	-0.011469
	-0.003273	0.023453	0.021187	0.021899	0.028633	-0.013520
	0.008000					
x283	-0.059630	-0.028719	0.004158	0.024981	-0.016530	-0.020418
	0.044918	-0.019097	-0.042533	-0.024380	0.006023	-0.023896
	-0.029964	0.005576	-0.012104	-0.033306	0.056720	0.033240
	-0.035891	-0.040711	-0.026746	-0.027676	0.036687	-0.009302
	-0.014646	0.018242	-0.002908	-0.036995	-0.016596	0.030823
	-0.019018					
y283	0.040674	0.037007	0.033867	-0.046586	-0.013653	0.036869
	0.003082	0.029276	0.033454	-0.007870	0.002343	-0.012622
	0.021206	0.030527	-0.020513	0.033833	0.015103	0.002551
	0.035022	-0.024760	-0.030478	-0.009790	-0.048264	-0.018812
	-0.036941	0.015771	0.006679	0.066759	-0.025776	0.016311
	0.003114					
z283	0.061895	-0.048570	-0.019943	-0.035727	0.065732	-0.035450
	-0.018267	-0.038445	0.031431	-0.012579	-0.007500	-0.053952
	0.030927	-0.022368	0.001507	0.003394	0.027309	-0.021181
	-0.005963	-0.001289	-0.057463	-0.093239	-0.020199	-0.010594
	-0.008148	0.025859	0.024790	0.029184	0.030144	-0.015253
	0.004097					
x284	-0.059933	-0.028145	0.003472	0.020948	-0.019861	-0.020537
	0.042470	-0.020895	-0.047024	-0.022867	0.001837	-0.023941
	-0.027800	0.005391	-0.012484	-0.033847	0.059894	0.028712
	-0.037875	-0.035256	-0.028620	-0.023913	0.033583	-0.011883
	-0.015073	0.014340	0.000832	-0.032414	-0.015886	0.037198
	-0.015764					
y284	0.035994	0.037568	0.035827	-0.039074	-0.019723	0.040210
	0.006749	0.032662	0.029498	-0.011693	0.002843	-0.008659
	0.016519	0.033591	-0.018874	0.033647	0.007704	0.009832
	0.041243	-0.023628	-0.031432	-0.005245	-0.046561	-0.015530
	-0.035341	0.022964	0.003792	0.061915	-0.028513	0.011727
	-0.002542					

z284	0.066089	-0.047266	-0.021937	-0.040681	0.074455	-0.031011
	-0.013330	-0.036470	0.033670	-0.022746	-0.004437	-0.053531
	0.030946	-0.022573	-0.003078	0.004199	0.032877	-0.017455
	-0.010860	0.001019	-0.061308	-0.092994	-0.020940	-0.010123
	-0.015313	0.029612	0.022484	0.031477	0.024604	-0.017908
	0.000920					
x285	-0.058619	-0.025693	0.003842	0.016190	-0.024639	-0.019466
	0.039950	-0.022886	-0.051249	-0.019601	-0.003142	-0.023541
	-0.022779	0.008631	-0.013253	-0.033958	0.056870	0.022346
	-0.035115	-0.029003	-0.033620	-0.021043	0.031131	-0.010351
	-0.013627	0.010189	0.007698	-0.025786	-0.012167	0.045868
	-0.010607					
y285	0.030564	0.037873	0.038081	-0.031683	-0.026307	0.042177
	0.009037	0.034553	0.025141	-0.012261	0.004486	-0.004710
	0.014106	0.037666	-0.016813	0.031570	0.000611	0.015076
	0.047815	-0.021762	-0.030548	-0.003694	-0.042301	-0.011892
	-0.033333	0.026148	-0.002544	0.054553	-0.033372	0.008349
	-0.008334					
z285	0.069452	-0.045413	-0.023806	-0.045398	0.083001	-0.025184
	-0.007062	-0.033244	0.035444	-0.033014	-0.001621	-0.051081
	0.028654	-0.021730	-0.006472	0.002272	0.039956	-0.012069
	-0.016728	0.001560	-0.061793	-0.088638	-0.018302	-0.010104
	-0.023597	0.034904	0.016232	0.030502	0.015495	-0.020372
	-0.002015					
x286	-0.056957	-0.022471	0.004874	0.012021	-0.029383	-0.017622
	0.036561	-0.024275	-0.054344	-0.018381	-0.008821	-0.024797
	-0.018355	0.010359	-0.014279	-0.034111	0.051659	0.016328
	-0.035692	-0.020523	-0.036528	-0.016162	0.026495	-0.012800
	-0.016731	0.005171	0.018277	-0.016894	-0.003536	0.052831
	0.002911					
y286	0.023872	0.036903	0.040014	-0.023305	-0.031789	0.042479
	0.009909	0.036337	0.020849	-0.012052	0.006343	-0.000551
	0.009989	0.038918	-0.012784	0.026962	-0.003221	0.018592
	0.048031	-0.021831	-0.026436	-0.004743	-0.036152	-0.011904
	-0.033225	0.024082	-0.011157	0.041934	-0.037107	0.002686
	-0.010754					
z286	0.072248	-0.042660	-0.025773	-0.049666	0.090437	-0.018063
	0.000309	-0.029029	0.036561	-0.043679	0.002316	-0.046818
	0.025854	-0.019709	-0.010631	-0.001477	0.047914	-0.004488
	-0.022511	0.002288	-0.059450	-0.080945	-0.012137	-0.010361
	-0.035109	0.041162	0.003430	0.026701	0.000336	-0.022747
	-0.003263					

x287	-0.053664	-0.017597	0.006787	0.007535	-0.036118	-0.015027
	0.034809	-0.025111	-0.057387	-0.014809	-0.015519	-0.026976
	-0.012398	0.013882	-0.022760	-0.032057	0.045673	0.013058
	-0.032418	-0.010724	-0.037483	-0.008577	0.014170	-0.011241
	-0.019591	0.005461	0.032514	-0.006912	0.014483	0.057657
	0.011517					
y287	0.016669	0.035172	0.041808	-0.014985	-0.037753	0.041204
	0.009757	0.037615	0.015719	-0.008838	0.008903	0.004633
	0.007954	0.041009	-0.011246	0.021886	-0.003183	0.022375
	0.047643	-0.023828	-0.018812	-0.007619	-0.034101	-0.010588
	-0.031213	0.020087	-0.022807	0.025143	-0.041012	-0.003941
	-0.017417					
z287	0.074294	-0.039178	-0.027508	-0.053549	0.097168	-0.009585
	0.009250	-0.023332	0.037056	-0.053865	0.006392	-0.041121
	0.020637	-0.017068	-0.014492	-0.007893	0.057028	0.005135
	-0.028935	0.001432	-0.053403	-0.069149	-0.003106	-0.010635
	-0.048441	0.049521	-0.013618	0.018516	-0.018424	-0.024875
	-0.003706					
x288	-0.051428	-0.012678	0.008176	0.003719	-0.043170	-0.013918
	0.028257	-0.024177	-0.059895	-0.010839	-0.023881	-0.029794
	-0.004867	0.014496	-0.018624	-0.031049	0.043959	0.007916
	-0.022171	-0.007179	-0.043904	-0.008009	0.000431	-0.009498
	-0.013190	0.002429	0.043162	0.002951	0.017773	0.058868
	0.015582					
y288	0.007441	0.032665	0.043167	-0.005890	-0.042611	0.037818
	0.006527	0.037100	0.010511	-0.003204	0.012308	0.008662
	0.005102	0.039721	-0.004305	0.014734	-0.000021	0.024421
	0.048939	-0.026946	-0.010864	-0.013064	-0.027197	-0.009236
	-0.025055	0.010768	-0.039183	0.006378	-0.049926	-0.008811
	-0.028147					
z288	0.075588	-0.035037	-0.028987	-0.056764	0.103054	0.000201
	0.019075	-0.016478	0.036829	-0.064650	0.011197	-0.033862
	0.013992	-0.013803	-0.018869	-0.016376	0.067121	0.017542
	-0.035461	-0.001433	-0.044027	-0.054778	0.009942	-0.011189
	-0.064502	0.058478	-0.036961	0.006576	-0.042175	-0.027882
	-0.003559					
x289	-0.047753	-0.007311	0.010575	0.000314	-0.049849	-0.013007
	0.027616	-0.021574	-0.059528	-0.006620	-0.026693	-0.027351
	-0.001732	0.014696	-0.025196	-0.031354	0.041412	0.003739
	-0.021302	-0.007562	-0.036560	-0.011581	-0.010307	-0.009105
	-0.025871	0.003102	0.050897	-0.002814	0.018223	0.062710
	0.029513					

y289	-0.002641	0.027643	0.042364	0.002956	-0.051101	0.031752
	0.002501	0.034219	0.006323	0.001141	0.010018	0.010522
	0.006742	0.038255	0.000557	0.009217	0.001690	0.021575
	0.042780	-0.020292	-0.000265	-0.016073	-0.018913	-0.017216
	-0.021927	0.000494	-0.038228	-0.016204	-0.053237	-0.006653
	-0.022706					
z289	0.075965	-0.027329	-0.025676	-0.050833	0.105174	0.016328
	0.023427	-0.010365	0.037915	-0.080761	0.010940	-0.022764
	0.011001	0.007169	-0.021304	-0.019472	0.038155	0.024338
	-0.036595	0.002265	-0.042756	-0.043715	0.005916	-0.019042
	-0.061988	0.053302	-0.038560	0.001906	-0.034229	-0.025528
	-0.006041					
x290	-0.043741	-0.001032	0.015652	-0.004658	-0.057350	-0.012084
	0.025426	-0.023017	-0.061539	0.001865	-0.025528	-0.029524
	-0.001221	0.009970	-0.041868	-0.030694	0.035227	0.002132
	-0.012915	-0.004220	-0.026756	-0.006965	-0.015021	-0.003394
	-0.038502	0.005872	0.059895	0.001135	0.037300	0.069117
	0.028058					
y290	-0.012284	0.023185	0.041618	0.009506	-0.058197	0.026653
	-0.004357	0.030400	0.001868	0.008219	0.010774	0.008270
	0.008463	0.034202	0.005265	0.005893	0.005332	0.017223
	0.041945	-0.012665	0.010936	-0.018080	-0.008997	-0.020586
	-0.014848	-0.004242	-0.037929	-0.028820	-0.051161	-0.001622
	-0.025250					
z290	0.076061	-0.019811	-0.021855	-0.046347	0.104722	0.029659
	0.027780	-0.005502	0.037443	-0.091975	0.011533	-0.014384
	0.009282	0.023569	-0.025639	-0.023216	0.013398	0.030313
	-0.032971	0.005665	-0.040531	-0.032516	0.001842	-0.023542
	-0.057135	0.048571	-0.036942	-0.001035	-0.026663	-0.019315
	-0.010317					
x291	-0.040701	0.004580	0.017545	-0.008570	-0.063029	-0.015417
	0.021165	-0.020977	-0.060415	0.011144	-0.029404	-0.028622
	0.001914	0.006480	-0.040268	-0.029265	0.039482	-0.003725
	-0.005440	-0.012299	-0.023577	-0.011185	-0.023785	0.001952
	-0.039945	0.004122	0.059671	-0.001838	0.037295	0.066460
	0.034557					
y291	-0.020573	0.018505	0.040646	0.015574	-0.063656	0.020720
	-0.009659	0.027465	-0.000775	0.013547	0.010286	0.007061
	0.010584	0.030657	0.010280	0.003332	0.007933	0.011626
	0.039356	-0.009157	0.019938	-0.021064	-0.000386	-0.021192
	-0.009340	-0.009341	-0.036742	-0.040900	-0.047984	-0.000976
	-0.022082					

z291	0.075771	-0.012568	-0.018802	-0.042228	0.102068	0.040142
	0.032510	-0.000755	0.036856	-0.100030	0.012228	-0.006794
	0.008500	0.036320	-0.028830	-0.026226	-0.006174	0.034251
	-0.028902	0.007366	-0.037752	-0.024074	-0.002491	-0.027301
	-0.050480	0.043528	-0.032441	-0.003891	-0.022102	-0.013127
	-0.011493					
x292	-0.037239	0.009707	0.020037	-0.011400	-0.067851	-0.020022
	0.016873	-0.018817	-0.059985	0.020065	-0.033065	-0.024764
	0.003625	-0.000322	-0.041365	-0.026755	0.039620	-0.007999
	-0.001809	-0.022070	-0.022282	-0.012355	-0.030715	0.004687
	-0.044951	-0.002509	0.056789	-0.005779	0.039951	0.063206
	0.039589					
y292	-0.027969	0.013160	0.039127	0.021400	-0.066900	0.015042
	-0.015070	0.025218	-0.003259	0.017468	0.010032	0.006336
	0.013330	0.026755	0.015215	0.002041	0.010132	0.004285
	0.034826	-0.005806	0.028263	-0.024269	0.007842	-0.021925
	-0.005687	-0.014041	-0.037640	-0.050250	-0.043302	-0.001952
	-0.019225					
z292	0.075248	-0.005635	-0.016108	-0.038106	0.097369	0.047421
	0.037999	0.003820	0.035270	-0.104892	0.013577	0.000361
	0.008955	0.043426	-0.033234	-0.029009	-0.022507	0.036202
	-0.025449	0.007904	-0.035366	-0.016668	-0.005908	-0.032436
	-0.044450	0.036495	-0.025748	-0.007724	-0.019715	-0.004551
	-0.012342					
x293	-0.034740	0.014651	0.022546	-0.013349	-0.071536	-0.023727
	0.011549	-0.016222	-0.058385	0.027932	-0.036728	-0.019046
	0.001390	-0.004411	-0.042852	-0.023402	0.043967	-0.010236
	-0.000577	-0.027314	-0.014382	-0.012654	-0.034265	0.011664
	-0.049256	-0.007065	0.053168	-0.003544	0.038792	0.053323
	0.040780					
y293	-0.034733	0.007372	0.037376	0.026158	-0.067769	0.010652
	-0.020902	0.023332	-0.004742	0.018905	0.010101	0.005294
	0.014629	0.023717	0.019382	0.001747	0.013076	-0.002855
	0.030240	-0.000981	0.037538	-0.027929	0.016536	-0.017355
	-0.003032	-0.014490	-0.039898	-0.055096	-0.036758	-0.005078
	-0.015077					
z293	0.074060	0.001314	-0.013322	-0.034459	0.090140	0.051966
	0.044764	0.007711	0.033265	-0.106267	0.015148	0.007268
	0.009207	0.045130	-0.038180	-0.031437	-0.033474	0.036819
	-0.019784	0.007780	-0.031518	-0.010470	-0.008469	-0.033433
	-0.036577	0.028302	-0.015132	-0.010892	-0.021157	0.002273
	-0.013111					

x294	-0.031937	0.018829	0.025650	-0.015729	-0.075223	-0.030056
	0.003412	-0.016468	-0.057047	0.039426	-0.040479	-0.018781
	0.000316	-0.010732	-0.034689	-0.020073	0.047188	-0.014672
	0.007675	-0.036155	-0.014237	-0.011503	-0.030536	0.016868
	-0.049133	-0.013340	0.036293	-0.000971	0.035610	0.041368
	0.040092					
y294	-0.040003	0.000594	0.035277	0.029742	-0.066825	0.006373
	-0.026893	0.021323	-0.005612	0.020034	0.010225	0.001944
	0.016612	0.021683	0.023859	0.002705	0.015307	-0.010769
	0.026100	0.003537	0.044685	-0.031254	0.024768	-0.011066
	-0.001473	-0.013085	-0.044858	-0.056137	-0.027599	-0.008005
	-0.009975					
z294	0.072628	0.007984	-0.010464	-0.031733	0.080070	0.053242
	0.051284	0.010113	0.030481	-0.101744	0.017483	0.010926
	0.010933	0.041655	-0.041377	-0.032790	-0.040984	0.034636
	-0.010141	0.005887	-0.028739	-0.005127	-0.007997	-0.034156
	-0.027709	0.019402	-0.004090	-0.013103	-0.024270	0.011428
	-0.013714					
x295	-0.029240	0.021193	0.027635	-0.016935	-0.076773	-0.034515
	-0.006351	-0.016457	-0.055709	0.043107	-0.045562	-0.015741
	0.000355	-0.009358	-0.030741	-0.018354	0.048625	-0.015703
	0.007795	-0.042003	-0.011835	-0.010766	-0.031192	0.022428
	-0.050322	-0.017015	0.021643	-0.002509	0.034769	0.027045
	0.043820					
y295	-0.043686	-0.007494	0.032712	0.032711	-0.063247	0.003016
	-0.033561	0.019690	-0.005334	0.015626	0.009672	-0.002928
	0.019832	0.023674	0.026022	0.001102	0.017513	-0.016783
	0.020878	0.011679	0.051303	-0.034584	0.029594	-0.001786
	-0.000485	-0.006633	-0.052516	-0.053298	-0.017777	-0.008651
	-0.006033					
z295	0.071080	0.014043	-0.007589	-0.028938	0.067587	0.051627
	0.059089	0.011607	0.026637	-0.096782	0.019522	0.014572
	0.015149	0.034618	-0.046208	-0.035428	-0.045239	0.031063
	-0.000706	0.002948	-0.027057	-0.000582	-0.009482	-0.032663
	-0.016957	0.008486	0.012676	-0.018613	-0.030108	0.021180
	-0.011528					
x296	-0.028058	0.022971	0.028427	-0.017359	-0.077276	-0.038373
	-0.020249	-0.015220	-0.053705	0.050345	-0.048215	-0.014266
	-0.001027	-0.008178	-0.020481	-0.014910	0.054806	-0.015661
	0.006465	-0.045701	-0.005946	-0.008838	-0.028963	0.026395
	-0.049763	-0.016537	0.001179	0.000801	0.037744	0.007491
	0.041493					

y296	-0.046736	-0.016053	0.029783	0.034703	-0.057681	0.001030
	-0.040988	0.018832	-0.005011	0.011541	0.010077	-0.007946
	0.021639	0.025501	0.027740	0.001508	0.019117	-0.024256
	0.014215	0.020045	0.058790	-0.037711	0.034868	0.009307
	-0.000198	0.002430	-0.057925	-0.045343	-0.002561	-0.011292
	0.000390					
z296	0.068827	0.019652	-0.005101	-0.026544	0.052444	0.047079
	0.066808	0.013436	0.021693	-0.085983	0.023233	0.016370
	0.021010	0.022466	-0.049003	-0.038485	-0.043592	0.026767
	0.010687	-0.000950	-0.025135	0.004326	-0.010526	-0.030183
	-0.004166	-0.002540	0.032475	-0.022488	-0.036132	0.030863
	-0.009720					
x297	-0.028405	0.023433	0.027177	-0.017515	-0.073701	-0.036477
	-0.040787	-0.012853	-0.050361	0.055229	-0.050092	-0.010065
	-0.007677	-0.000280	-0.011170	-0.005834	0.057385	-0.015366
	-0.004202	-0.044494	0.009393	-0.011051	-0.023037	0.024273
	-0.055938	-0.006643	-0.023049	0.008439	0.049318	-0.015714
	0.038838					
y297	-0.049049	-0.025297	0.026706	0.035996	-0.049487	-0.000221
	-0.047646	0.018417	-0.004027	0.006199	0.010650	-0.013023
	0.022153	0.026748	0.030086	0.003465	0.021096	-0.033585
	0.006428	0.028387	0.065820	-0.040309	0.041189	0.020292
	-0.001903	0.011631	-0.065945	-0.033402	0.015310	-0.016420
	0.006994					
z297	0.065502	0.024379	-0.003173	-0.024608	0.036347	0.042364
	0.073172	0.015613	0.016291	-0.072579	0.028242	0.019238
	0.025800	0.006800	-0.050600	-0.038521	-0.039907	0.019705
	0.020510	-0.005473	-0.021126	0.007698	-0.007694	-0.031456
	0.005898	-0.011471	0.052608	-0.024876	-0.040353	0.038514
	-0.007517					
x298	-0.023879	0.021887	0.023305	-0.013494	-0.072366	-0.035863
	-0.046747	-0.013894	-0.044932	0.061792	-0.046398	-0.001861
	-0.003860	-0.003484	-0.003539	-0.005336	0.054795	-0.016363
	-0.003181	-0.032302	0.015218	-0.019794	-0.014638	0.021741
	-0.056779	-0.008054	-0.031468	0.008419	0.041217	-0.022580
	0.034638					
y298	-0.046452	-0.035380	0.022047	0.039084	-0.037564	-0.001166
	-0.046334	0.016487	-0.000662	-0.001459	0.013688	-0.018345
	0.025492	0.029723	0.028327	-0.000473	0.024509	-0.038209
	0.004248	0.034843	0.054879	-0.045273	0.041169	0.022449
	0.005877	0.018112	-0.047459	-0.016340	0.016308	0.000397
	0.015080					

z298	0.057462	0.029618	0.000582	-0.024227	0.021483	0.037747
	0.063462	0.019037	0.009618	-0.063598	0.022991	0.015205
	0.019080	0.003000	-0.047553	-0.030516	-0.035629	0.015459
	0.015290	-0.014063	-0.009257	0.011743	-0.009019	-0.023187
	0.004481	-0.013463	0.040645	-0.025314	-0.021788	0.028706
	0.006081					
x299	-0.019130	0.019381	0.019316	-0.010250	-0.066025	-0.035960
	-0.051740	-0.015503	-0.036714	0.066412	-0.042933	0.001564
	-0.000925	-0.004556	0.005803	-0.008949	0.054704	-0.015210
	0.002219	-0.024353	0.020278	-0.025250	-0.005754	0.018620
	-0.056349	-0.008626	-0.038207	0.008772	0.029626	-0.022513
	0.017302					
y299	-0.043151	-0.043985	0.018819	0.040663	-0.025260	-0.002329
	-0.044283	0.014392	0.003138	-0.008210	0.016210	-0.022153
	0.027714	0.031467	0.025004	-0.005294	0.025721	-0.039663
	0.003313	0.039844	0.043962	-0.048459	0.039578	0.023561
	0.010779	0.022634	-0.030770	-0.001835	0.017272	0.015567
	0.018644					
z299	0.050082	0.033808	0.004512	-0.023452	0.011859	0.032491
	0.055478	0.021047	0.006048	-0.055400	0.017313	0.010399
	0.014984	0.001936	-0.043874	-0.027832	-0.030369	0.013356
	0.013473	-0.023282	0.001920	0.016027	-0.010387	-0.014655
	0.001229	-0.016004	0.032905	-0.025762	-0.008690	0.023984
	0.005870					
x300	-0.012589	0.014169	0.013184	-0.007374	-0.059355	-0.033552
	-0.057335	-0.015158	-0.030127	0.066758	-0.037716	0.007027
	-0.000135	-0.005224	0.010591	-0.010308	0.053805	-0.013108
	0.004241	-0.015723	0.022802	-0.032941	0.003282	0.015784
	-0.052579	-0.005780	-0.045317	0.009615	0.017058	-0.025050
	0.009562					
y300	-0.039665	-0.050804	0.016416	0.041803	-0.014052	-0.004678
	-0.040746	0.012854	0.006697	-0.013421	0.019655	-0.024633
	0.029565	0.030560	0.021979	-0.009251	0.026090	-0.039928
	0.002854	0.043195	0.033245	-0.050127	0.038442	0.022506
	0.014248	0.023392	-0.018996	0.008669	0.017106	0.024935
	0.022614					
z300	0.044941	0.035425	0.006074	-0.021584	0.002908	0.030183
	0.046427	0.023789	0.001417	-0.049123	0.014570	0.008070
	0.013360	-0.000229	-0.041762	-0.024343	-0.022726	0.009565
	0.009015	-0.025289	0.010341	0.014063	-0.007058	-0.007492
	0.001840	-0.012972	0.020316	-0.024022	-0.001674	0.014548
	0.011849					

x301	-0.005127	0.007890	0.007339	-0.005443	-0.050515	-0.031150
	-0.061345	-0.015971	-0.023233	0.065043	-0.033552	0.011849
	-0.003972	-0.004780	0.016237	-0.010452	0.051395	-0.008025
	0.008092	-0.010116	0.024218	-0.035299	0.007370	0.010468
	-0.046482	-0.005306	-0.053369	0.008878	0.004394	-0.022851
	-0.000299					
y301	-0.036197	-0.055698	0.014948	0.041793	-0.003773	-0.007019
	-0.037728	0.011643	0.010327	-0.017560	0.021592	-0.026303
	0.028767	0.027704	0.020167	-0.012348	0.025957	-0.038103
	0.003648	0.045664	0.025416	-0.049594	0.035006	0.020658
	0.017792	0.022617	-0.009094	0.015731	0.016805	0.030900
	0.023658					
z301	0.040998	0.036032	0.007932	-0.019626	-0.003261	0.028157
	0.036486	0.023634	-0.001579	-0.040996	0.009580	0.006308
	0.010002	-0.002703	-0.030893	-0.021247	-0.012224	0.007061
	0.010393	-0.022714	0.018540	0.012941	-0.009583	-0.005473
	0.008235	-0.011130	-0.001847	-0.021669	-0.004169	0.012383
	0.009250					
x302	0.002229	0.000214	0.000195	-0.003399	-0.041438	-0.028438
	-0.063624	-0.014692	-0.017430	0.060268	-0.026684	0.017505
	-0.008938	-0.003333	0.015440	-0.008938	0.045786	-0.002711
	0.007716	-0.009646	0.023291	-0.035106	0.011522	0.004814
	-0.040296	-0.004767	-0.049952	0.007137	-0.000888	-0.022998
	-0.005371					
y302	-0.032496	-0.058988	0.014731	0.040967	0.006196	-0.010064
	-0.033299	0.010990	0.013705	-0.019839	0.024221	-0.026667
	0.026845	0.022935	0.016598	-0.015020	0.023322	-0.034975
	0.004249	0.046316	0.017856	-0.047110	0.033435	0.017500
	0.017670	0.018578	0.000375	0.019536	0.018505	0.032440
	0.022362					
z302	0.036853	0.036196	0.009804	-0.015639	-0.010194	0.026819
	0.028260	0.022915	-0.006073	-0.031864	0.011083	0.005944
	0.009532	-0.008395	-0.027924	-0.016136	-0.007570	0.001517
	0.008890	-0.017431	0.024472	0.012365	-0.004877	-0.006486
	0.012559	-0.008814	-0.011977	-0.014448	0.003991	0.005612
	0.007656					
x303	0.010376	-0.008907	-0.007992	-0.002560	-0.030811	-0.025048
	-0.064468	-0.011509	-0.011665	0.051861	-0.019787	0.024422
	-0.017322	0.001423	0.011171	-0.007223	0.037956	0.005068
	0.004876	-0.014675	0.020494	-0.032592	0.012452	0.000750
	-0.033330	-0.005167	-0.038925	0.001797	-0.002769	-0.023395
	-0.007213					

y303	-0.028253	-0.060419	0.015461	0.038538	0.015278	-0.013797
	-0.027666	0.011063	0.017174	-0.020607	0.026730	-0.025678
	0.023667	0.016699	0.012648	-0.018321	0.019385	-0.029110
	0.006539	0.044571	0.011354	-0.042033	0.030250	0.013637
	0.016224	0.011387	0.008711	0.019284	0.020738	0.030248
	0.021431					
z303	0.033113	0.036232	0.010937	-0.012173	-0.016623	0.027151
	0.020519	0.023273	-0.010230	-0.022412	0.014208	0.010712
	0.009517	-0.012211	-0.026547	-0.011524	-0.004370	-0.003954
	0.007569	-0.011142	0.031180	0.009073	-0.001027	-0.006321
	0.018172	-0.008704	-0.013989	-0.010465	0.015039	-0.005855
	0.007558					
x304	0.020251	-0.020467	-0.016837	-0.002644	-0.017393	-0.021544
	-0.064139	-0.007537	-0.005555	0.038156	-0.014273	0.029363
	-0.030090	0.009935	0.003297	-0.007324	0.027630	0.016677
	-0.000255	-0.025766	0.013441	-0.025852	0.010370	-0.000130
	-0.026729	-0.003642	-0.024028	-0.005659	-0.005495	-0.019516
	-0.009629					
y304	-0.024051	-0.060343	0.017476	0.035291	0.023519	-0.017697
	-0.021505	0.011599	0.020153	-0.019773	0.028690	-0.023471
	0.019806	0.009085	0.007671	-0.020007	0.015017	-0.022414
	0.009115	0.040768	0.006428	-0.034473	0.023869	0.009545
	0.012809	0.001633	0.013833	0.014599	0.021254	0.024344
	0.019882					
z304	0.032618	0.032849	0.011946	-0.008829	-0.018310	0.027164
	0.011408	0.021669	-0.012462	-0.017501	0.013212	0.008741
	0.008451	-0.010790	-0.024548	-0.015632	-0.002271	-0.004793
	0.006381	-0.006650	0.029745	0.008004	-0.000649	0.001775
	0.021099	-0.000697	-0.019922	-0.007142	0.014239	-0.010705
	-0.002575					
x305	0.030299	-0.033301	-0.026828	-0.003048	-0.002537	-0.017889
	-0.060752	-0.002314	0.000140	0.021093	-0.007627	0.033680
	-0.044649	0.020913	-0.007777	-0.004796	0.017512	0.029943
	-0.006773	-0.040570	0.006366	-0.014604	0.007234	-0.004062
	-0.019998	-0.003013	-0.005046	-0.015092	-0.005304	-0.014655
	-0.006927					
y305	-0.019416	-0.058504	0.020490	0.030812	0.030762	-0.021592
	-0.014739	0.012746	0.023836	-0.017782	0.030301	-0.019571
	0.014259	-0.001133	0.001754	-0.021850	0.009356	-0.014614
	0.012283	0.034946	0.000615	-0.024488	0.017682	0.004165
	0.007212	-0.011888	0.017389	0.006416	0.021921	0.014765
	0.017066					

z305	0.031988	0.028529	0.011101	-0.003956	-0.019000	0.026706
	0.007768	0.021675	-0.014426	-0.014706	0.013484	0.009599
	0.008479	-0.005568	-0.027076	-0.013589	0.001406	-0.005621
	0.004562	-0.000994	0.030583	0.009520	-0.000393	0.003093
	0.019805	0.002200	-0.023536	-0.005558	0.013163	-0.014705
	-0.005455					
x306	0.041188	-0.047496	-0.037430	-0.004480	0.013971	-0.013440
	-0.057496	0.003505	0.005714	0.001481	0.000079	0.036991
	-0.062433	0.032674	-0.021529	-0.002765	0.004711	0.045027
	-0.013086	-0.058740	-0.003134	-0.001462	0.003990	-0.008612
	-0.011682	-0.001701	0.016746	-0.024175	-0.002679	-0.007837
	-0.004257					
y306	-0.014663	-0.054872	0.024595	0.024754	0.037173	-0.025792
	-0.007599	0.013949	0.027972	-0.014329	0.031862	-0.015712
	0.007238	-0.013605	-0.003480	-0.024885	0.003003	-0.004738
	0.018341	0.028773	-0.004218	-0.012238	0.013032	-0.004122
	0.000401	-0.027352	0.017689	-0.003311	0.023809	0.002636
	0.011975					
z306	0.032469	0.021097	0.008538	0.000883	-0.017896	0.027734
	0.005561	0.024573	-0.017343	-0.012059	0.016770	0.016686
	0.004600	0.000987	-0.029805	-0.009334	0.003294	-0.006173
	-0.003795	-0.001184	0.031270	0.012461	0.002548	-0.003060
	0.023758	-0.000636	-0.014796	-0.003308	0.015613	-0.017826
	-0.001456					
x307	0.033090	-0.042306	-0.036188	-0.002734	0.013996	-0.014925
	-0.051236	0.005723	0.010470	0.000518	-0.005829	0.025844
	-0.055597	0.028347	-0.014554	-0.015369	-0.006800	0.048337
	-0.016742	-0.038203	-0.008225	-0.000888	0.006315	0.013337
	0.006787	-0.005520	0.017885	-0.010372	0.015732	-0.001180
	0.005263					
y307	-0.008801	-0.047816	0.030084	0.011456	0.035471	-0.040983
	0.003351	0.015913	0.025136	-0.001388	0.030010	-0.017009
	0.013219	-0.032631	-0.012821	-0.029127	0.006526	-0.003888
	0.015237	0.013384	0.003482	0.011240	0.004760	-0.018966
	-0.013166	-0.028657	0.017349	0.000074	0.011984	0.004317
	0.009572					
z307	0.036740	0.004487	0.002260	0.007285	-0.007395	0.027735
	-0.007202	0.026102	-0.020589	-0.011756	0.018743	0.023298
	-0.008528	0.007442	-0.033683	-0.009300	0.001995	-0.009056
	-0.010232	-0.007057	0.013287	0.011907	0.015860	0.000333
	0.025072	0.004996	-0.027492	-0.003718	0.010445	-0.018657
	-0.012373					

x308	0.024797	-0.037084	-0.033995	-0.002234	0.012703	-0.016834
	-0.044439	0.006128	0.014948	0.000405	-0.010896	0.015017
	-0.048126	0.024277	-0.007499	-0.026967	-0.016114	0.050229
	-0.018037	-0.019241	-0.012043	0.000747	0.008215	0.030344
	0.021321	-0.007971	0.017089	0.003521	0.032247	0.005842
	0.013528					
y308	-0.002699	-0.040033	0.034368	-0.000644	0.031955	-0.051587
	0.011206	0.016676	0.020950	0.009629	0.026708	-0.016766
	0.016611	-0.046902	-0.018658	-0.031705	0.009613	-0.001800
	0.011966	0.000488	0.011024	0.028558	-0.003607	-0.029505
	-0.020286	-0.024470	0.015435	0.003318	0.000969	0.005092
	0.006958					
z308	0.039178	-0.006901	-0.003022	0.012432	0.001020	0.026825
	-0.015209	0.026665	-0.021037	-0.013356	0.019897	0.025692
	-0.015406	0.013920	-0.035355	-0.008799	0.000847	-0.005966
	-0.016151	-0.004205	0.010381	0.008250	0.020008	0.004672
	0.033279	0.011673	-0.028976	-0.001535	0.011647	-0.018409
	-0.015256					
x309	0.017051	-0.033009	-0.031472	-0.001540	0.011334	-0.018542
	-0.038081	0.005101	0.018306	-0.000993	-0.014008	0.004816
	-0.041870	0.021431	-0.001402	-0.036031	-0.024531	0.048639
	-0.018404	-0.001496	-0.015998	0.001259	0.011783	0.040770
	0.031820	-0.009040	0.009896	0.014005	0.041318	0.008153
	0.015203					
y309	0.003089	-0.033416	0.037827	-0.009642	0.027852	-0.057709
	0.017223	0.017099	0.016888	0.017415	0.023014	-0.014762
	0.017664	-0.055436	-0.021814	-0.031410	0.012187	-0.000646
	0.008043	-0.008504	0.014358	0.039687	-0.010895	-0.037548
	-0.024131	-0.022288	0.010345	0.004528	-0.009190	0.004241
	0.004285					
z309	0.039441	-0.014590	-0.006715	0.014320	0.006709	0.023930
	-0.017909	0.027840	-0.019233	-0.011080	0.019078	0.026473
	-0.017269	0.016013	-0.034374	-0.012146	0.001679	-0.000769
	-0.018933	-0.003422	0.008111	0.008865	0.020295	0.010556
	0.038529	0.014014	-0.021493	0.005599	0.020996	-0.010226
	-0.008164					
x310	0.009648	-0.028734	-0.028446	-0.001619	0.007797	-0.020291
	-0.028803	0.003743	0.021116	-0.004065	-0.015311	-0.000652
	-0.034137	0.019661	0.003758	-0.039985	-0.029129	0.044606
	-0.021851	0.010646	-0.021291	0.002861	0.009803	0.045511
	0.036172	-0.008912	0.005278	0.010326	0.043228	0.008871
	0.020561					

y310	0.008142	-0.027799	0.040505	-0.015578	0.023375	-0.060075
	0.021434	0.017155	0.012810	0.021926	0.020007	-0.011554
	0.017993	-0.058394	-0.022088	-0.029330	0.014967	-0.000041
	0.002916	-0.012552	0.016607	0.045358	-0.016743	-0.044429
	-0.025167	-0.019521	0.003653	0.002645	-0.017017	0.004073
	0.004054					
z310	0.039106	-0.021436	-0.009916	0.015316	0.014114	0.020286
	-0.020994	0.027943	-0.017753	-0.007389	0.016683	0.021963
	-0.020129	0.015945	-0.033131	-0.019605	-0.001168	0.003874
	-0.016469	-0.000526	0.008293	0.008319	0.024864	0.018183
	0.044440	0.013773	-0.019402	0.026231	0.030537	-0.005091
	-0.007861					
x311	0.002849	-0.025254	-0.024153	-0.004538	0.005090	-0.021367
	-0.020404	0.001253	0.024231	-0.006880	-0.014894	-0.007489
	-0.028494	0.019671	0.006401	-0.042493	-0.031404	0.038174
	-0.025741	0.020635	-0.025768	0.002585	0.004276	0.046372
	0.036844	-0.004713	0.003864	0.009452	0.043241	0.007576
	0.023519					
y311	0.013254	-0.023049	0.043072	-0.019336	0.018812	-0.059527
	0.024158	0.016649	0.008920	0.023988	0.016909	-0.007932
	0.016306	-0.058596	-0.018099	-0.025738	0.016678	-0.000412
	-0.001006	-0.015488	0.017058	0.045537	-0.022555	-0.046568
	-0.021247	-0.017888	-0.003698	-0.000752	-0.023579	0.002949
	0.004105					
z311	0.037536	-0.024466	-0.012809	0.016651	0.018430	0.015291
	-0.018144	0.026991	-0.016623	-0.004215	0.014219	0.018806
	-0.018781	0.013070	-0.027282	-0.024680	-0.002358	0.008047
	-0.012539	0.000805	0.009513	0.013126	0.027063	0.024854
	0.046416	0.010000	-0.020913	0.030713	0.033944	0.002699
	-0.004142					
x312	-0.002321	-0.022377	-0.018522	-0.007009	0.000490	-0.023490
	-0.012541	-0.005042	0.028410	-0.012039	-0.014745	-0.015775
	-0.026644	0.015701	0.007271	-0.042245	-0.030994	0.030902
	-0.026245	0.031531	-0.030237	0.003011	-0.002366	0.039758
	0.034379	0.002226	-0.004829	0.009406	0.032833	0.001928
	0.016413					
y312	0.018105	-0.019528	0.044726	-0.020476	0.013736	-0.055548
	0.025319	0.016543	0.004962	0.023738	0.014346	-0.002774
	0.013870	-0.054125	-0.011165	-0.020509	0.017161	-0.001508
	-0.004928	-0.014457	0.015395	0.038882	-0.026182	-0.047323
	-0.013967	-0.016708	-0.011702	-0.004239	-0.027872	0.000608
	0.005482					

z312	0.034058	-0.024380	-0.015020	0.014113	0.023004	0.010483
	-0.010839	0.026766	-0.015537	0.000283	0.013622	0.015046
	-0.013408	0.011884	-0.018627	-0.030323	-0.002713	0.009340
	-0.010374	0.000132	0.011067	0.018088	0.025673	0.033012
	0.044269	0.004265	-0.015666	0.030170	0.040327	0.012895
	0.007865					
x313	-0.009052	-0.019164	-0.013323	-0.010427	-0.005839	-0.026659
	-0.001892	-0.007839	0.028217	-0.012492	-0.009179	-0.018370
	-0.020418	0.013648	0.005918	-0.035468	-0.029653	0.020039
	-0.028555	0.037571	-0.028553	0.005673	-0.008915	0.025640
	0.027309	0.009269	-0.004752	0.003611	0.026482	-0.003105
	0.027171					
y313	0.022697	-0.016441	0.046022	-0.018801	0.007056	-0.047796
	0.024521	0.015189	0.000846	0.020325	0.011536	0.002870
	0.010282	-0.045833	0.000494	-0.012068	0.017790	-0.001984
	-0.007085	-0.009145	0.013170	0.027989	-0.030030	-0.043540
	-0.000082	-0.016087	-0.024407	-0.011020	-0.030384	-0.000381
	0.010777					
z313	0.031065	-0.021644	-0.015211	0.009296	0.026369	0.005198
	-0.000703	0.022168	-0.011185	0.000634	0.010187	0.006448
	-0.010753	0.005495	-0.008488	-0.037331	0.000050	0.010659
	-0.006317	0.001527	0.010884	0.023769	0.017692	0.043265
	0.039752	-0.000932	-0.014683	0.029090	0.037527	0.019732
	0.010635					
x314	-0.015603	-0.016034	-0.008065	-0.010767	-0.013067	-0.028909
	0.004697	-0.017283	0.032123	-0.013172	-0.006595	-0.026221
	-0.011846	0.012945	0.009464	-0.034833	-0.031150	0.012246
	-0.021675	0.044224	-0.021904	0.008992	-0.008928	0.012954
	0.016401	0.016498	-0.019529	-0.002031	0.016611	-0.006796
	0.016003					
y314	0.027011	-0.014363	0.045925	-0.013457	-0.000529	-0.035083
	0.021928	0.013885	-0.002762	0.012572	0.008349	0.010858
	0.005318	-0.031230	0.014135	-0.000787	0.018569	-0.002695
	-0.012931	-0.001152	0.006293	0.010576	-0.033414	-0.035375
	0.018627	-0.018390	-0.037214	-0.019677	-0.030595	-0.002234
	0.018582					
z314	0.026449	-0.015385	-0.013962	0.000964	0.027691	-0.002063
	0.015217	0.018868	-0.008029	0.001164	0.009511	-0.002247
	-0.007227	-0.005394	0.001131	-0.040817	0.005590	0.007625
	-0.004021	0.003382	0.010728	0.031087	0.006295	0.048474
	0.031907	-0.005586	-0.007375	0.025292	0.032767	0.026697
	0.025746					

x315	-0.021662	-0.016048	-0.003774	-0.010632	-0.018344	-0.028638
	0.010992	-0.021098	0.032357	-0.013173	-0.007482	-0.026092
	0.000219	0.025995	0.011465	-0.031080	-0.032963	0.007528
	-0.016724	0.042508	-0.021864	0.006528	-0.016776	-0.002357
	0.013303	0.020196	-0.017106	-0.011125	0.009273	-0.006702
	0.015567					
y315	0.031349	-0.011874	0.044604	-0.004989	-0.009380	-0.017826
	0.016602	0.011396	-0.005617	0.000510	0.004683	0.018886
	-0.002240	-0.011900	0.029989	0.013449	0.019093	-0.004337
	-0.017070	0.009528	-0.001400	-0.013073	-0.034311	-0.022440
	0.039718	-0.018023	-0.051484	-0.028424	-0.030659	-0.005363
	0.022884					
z315	0.020539	-0.005571	-0.011647	-0.008786	0.026836	-0.010293
	0.033444	0.013124	-0.003187	0.002302	0.008476	-0.013167
	-0.001828	-0.020724	0.013107	-0.046642	0.009667	0.003833
	0.001920	0.006142	0.014328	0.040557	-0.005507	0.053766
	0.017905	-0.012091	-0.002967	0.019707	0.025595	0.033939
	0.037233					
x316	-0.025720	-0.016527	-0.003309	-0.007941	-0.022530	-0.023946
	0.010417	-0.021405	0.033115	-0.016334	-0.009238	-0.017065
	0.004037	0.037633	0.006064	-0.022852	-0.032786	0.011858
	-0.015448	0.035655	-0.017835	0.006703	-0.021807	-0.018919
	0.011272	0.027310	-0.016340	-0.019174	0.004878	-0.012547
	0.005845					
y316	0.026782	-0.010683	0.039729	0.002342	-0.015179	-0.002051
	0.007985	0.010432	0.001730	-0.002160	0.006839	0.016592
	0.001332	0.013400	0.048348	0.014982	0.005195	-0.005025
	-0.019609	0.015332	-0.002784	-0.010537	-0.040294	-0.016803
	0.041569	-0.016435	-0.041890	-0.012558	-0.018452	-0.005844
	0.030322					
z316	0.009858	-0.006908	-0.012255	-0.009313	0.020107	-0.012503
	0.041746	0.011114	0.002948	-0.005070	0.011854	-0.010170
	-0.000909	-0.006793	0.014705	-0.038752	0.003499	0.003697
	-0.007806	0.010029	0.019393	0.016748	-0.011090	0.058574
	0.007943	-0.007836	-0.023407	0.032934	0.030183	0.014870
	0.022586					
x317	-0.027807	-0.015197	-0.002545	-0.007457	-0.022574	-0.018360
	0.005696	-0.023562	0.033091	-0.013267	-0.009647	-0.016737
	0.008657	0.042840	0.003604	-0.016666	-0.029468	0.016061
	-0.007600	0.030528	-0.017892	0.016773	-0.020451	-0.026042
	0.004351	0.034818	-0.019318	-0.022181	0.002050	-0.006079
	-0.011451					

y317	0.021879	-0.009543	0.034684	0.008747	-0.019465	0.011729
	-0.000299	0.010104	0.007235	-0.006391	0.008615	0.015465
	0.003490	0.034340	0.060047	0.015613	-0.004408	-0.005281
	-0.021887	0.019009	-0.001309	-0.008364	-0.043989	-0.012147
	0.039976	-0.013677	-0.031427	0.000005	-0.007611	-0.007044
	0.035724					
z317	-0.000291	-0.008573	-0.011704	-0.009686	0.014159	-0.013076
	0.046915	0.007948	0.008038	-0.010152	0.013975	-0.007861
	-0.001084	0.006273	0.015488	-0.031867	-0.002378	0.003962
	-0.013934	0.013430	0.022155	-0.003068	-0.014140	0.059121
	-0.002071	-0.003838	-0.040135	0.042558	0.032821	0.000887
	0.008629					
x318	-0.028030	-0.013306	-0.003491	-0.007448	-0.022564	-0.012991
	0.001122	-0.024127	0.030995	-0.012082	-0.011106	-0.013206
	0.015820	0.040523	0.004501	-0.009946	-0.023896	0.016396
	-0.001382	0.022830	-0.014964	0.022669	-0.026069	-0.033008
	0.005706	0.034480	-0.011276	-0.027024	-0.000387	-0.004078
	-0.020611					
y318	0.016513	-0.008645	0.030067	0.013976	-0.021652	0.022642
	-0.008973	0.009715	0.010939	-0.010551	0.010750	0.013000
	0.004363	0.049903	0.067236	0.015054	-0.008260	-0.006021
	-0.021905	0.023041	-0.000699	-0.007105	-0.043729	-0.006763
	0.035843	-0.009519	-0.023684	0.009070	0.001101	-0.007044
	0.037810					
z318	-0.009310	-0.010314	-0.011132	-0.010024	0.008367	-0.012414
	0.049069	0.004276	0.012003	-0.014169	0.013997	-0.005428
	0.000170	0.015745	0.016993	-0.024773	-0.005778	0.002513
	-0.016666	0.015708	0.023943	-0.017792	-0.018995	0.054840
	-0.009520	-0.001313	-0.049333	0.046663	0.034178	-0.009388
	-0.002953					
x319	-0.027406	-0.010115	-0.002533	-0.008834	-0.020579	-0.008889
	-0.002936	-0.024141	0.030241	-0.011066	-0.009896	-0.011389
	0.021150	0.039050	0.002033	-0.004389	-0.016369	0.016454
	0.002282	0.017375	-0.014658	0.025857	-0.019071	-0.035421
	0.008420	0.036295	-0.011423	-0.031218	-0.000331	-0.004629
	-0.019719					
y319	0.010439	-0.008033	0.026018	0.018148	-0.021773	0.031152
	-0.017303	0.009061	0.012076	-0.015423	0.013116	0.010736
	0.004208	0.059511	0.070333	0.013925	-0.007712	-0.007408
	-0.019279	0.025270	-0.000806	-0.004419	-0.041572	-0.003658
	0.030974	-0.007443	-0.016329	0.016662	0.008479	-0.006624
	0.036962					

z319	-0.017243	-0.011178	-0.009675	-0.010612	0.003413	-0.011441
	0.048970	-0.000719	0.016374	-0.017281	0.014203	-0.004808
	0.002144	0.024153	0.016347	-0.017462	-0.005947	-0.000426
	-0.016924	0.017536	0.022006	-0.027625	-0.017932	0.049033
	-0.014444	0.001939	-0.057093	0.047763	0.035439	-0.018038
	-0.010896					
x320	-0.025645	-0.008229	-0.001424	-0.010093	-0.018667	-0.005735
	-0.006509	-0.024617	0.027865	-0.010130	-0.011167	-0.008401
	0.024765	0.031451	0.001969	-0.001976	-0.009971	0.020093
	0.008887	0.015093	-0.014241	0.032664	-0.015602	-0.045471
	0.013518	0.033662	-0.002894	-0.042768	-0.001623	0.002235
	-0.020651					
y320	0.003991	-0.007437	0.022686	0.021191	-0.020318	0.037281
	-0.025263	0.008918	0.012343	-0.019179	0.016627	0.006609
	0.003529	0.064440	0.070536	0.012304	-0.003154	-0.010438
	-0.015582	0.026772	-0.001753	-0.001972	-0.036223	0.001311
	0.022843	-0.005581	-0.012377	0.024580	0.012497	-0.009724
	0.035275					
z320	-0.023854	-0.013052	-0.007978	-0.010104	-0.002619	-0.010865
	0.047268	-0.007758	0.020283	-0.020211	0.011166	-0.004314
	0.003847	0.028942	0.017402	-0.012111	-0.006137	-0.002529
	-0.012424	0.020108	0.017987	-0.027878	-0.019652	0.032300
	-0.016382	0.002569	-0.053349	0.039245	0.034298	-0.020149
	-0.016629					
x321	-0.023858	-0.006258	0.000553	-0.012650	-0.014406	0.002188
	-0.011340	-0.023007	0.022602	-0.006438	-0.012009	-0.004976
	0.025414	0.025048	-0.000106	0.001281	-0.002787	0.023405
	0.013773	0.009961	-0.009781	0.037009	-0.011388	-0.045605
	0.016990	0.033288	0.007255	-0.047227	-0.003226	0.005115
	-0.016619					
y321	-0.002993	-0.006725	0.020129	0.022624	-0.017240	0.040946
	-0.033211	0.009178	0.010734	-0.022848	0.020723	0.001894
	0.001530	0.064276	0.066616	0.009405	0.005761	-0.013321
	-0.008620	0.027083	-0.002496	0.001426	-0.028845	0.006006
	0.014104	-0.003365	-0.010516	0.031407	0.012944	-0.012358
	0.030797					
z321	-0.030371	-0.015214	-0.005234	-0.009438	-0.008700	-0.006644
	0.043006	-0.014741	0.022248	-0.021098	0.006506	-0.003032
	0.003214	0.035695	0.015067	-0.004265	-0.005461	-0.006970
	-0.003972	0.018755	0.013949	-0.020524	-0.022753	0.014796
	-0.017510	0.008318	-0.039520	0.026298	0.029376	-0.020603
	-0.019303					

x322	-0.021420	-0.005294	0.002738	-0.015659	-0.006855	0.010195
	-0.016655	-0.020383	0.015780	-0.001205	-0.013711	-0.001429
	0.026450	0.014334	-0.000287	-0.000812	0.006081	0.029498
	0.013848	0.006469	-0.007716	0.034818	-0.004116	-0.042667
	0.016968	0.024230	0.007295	-0.045043	-0.004914	0.005489
	-0.013162					
y322	-0.010287	-0.005927	0.017803	0.023011	-0.012120	0.041507
	-0.040897	0.009531	0.007755	-0.027268	0.025773	-0.002226
	-0.001144	0.058390	0.058450	0.005867	0.019513	-0.016861
	-0.000257	0.026986	-0.002693	0.004579	-0.018448	0.009291
	0.005119	-0.000653	-0.010486	0.035795	0.009442	-0.015556
	0.020334					
z322	-0.037129	-0.019395	-0.001955	-0.008014	-0.013228	-0.002049
	0.035538	-0.022594	0.023039	-0.020369	-0.002330	-0.001057
	0.002966	0.040862	0.012581	0.000130	-0.003005	-0.011082
	0.004214	0.018221	0.003316	-0.009766	-0.025399	-0.011025
	-0.023731	0.008866	-0.031036	0.011316	0.019303	-0.019176
	-0.025398					
x323	-0.017505	-0.003036	0.005410	-0.019744	0.003949	0.019333
	-0.021401	-0.015797	0.006852	0.006186	-0.012167	0.001588
	0.027376	-0.001386	0.001539	-0.003918	0.016378	0.038216
	0.014120	0.003835	-0.000563	0.027081	0.006890	-0.028447
	0.023929	0.009763	0.008899	-0.037354	-0.001846	0.007361
	-0.005660					
y323	-0.018016	-0.005434	0.015854	0.022719	-0.004704	0.039276
	-0.048260	0.009999	0.002255	-0.032066	0.030774	-0.006757
	-0.004860	0.045658	0.044870	0.001961	0.037273	-0.020385
	0.010368	0.026114	-0.002729	0.006942	-0.005802	0.013038
	-0.003963	0.002801	-0.012052	0.032524	0.007812	-0.017592
	0.007459					
z323	-0.043185	-0.022132	0.003002	-0.006783	-0.014213	0.005082
	0.026292	-0.029290	0.021148	-0.016216	-0.007560	0.001251
	0.003565	0.041801	0.011566	0.006525	0.002686	-0.014136
	0.020162	0.019645	-0.002563	0.000811	-0.022391	-0.030203
	-0.020179	0.004027	-0.018708	-0.002525	0.012837	-0.005955
	-0.033268					
x324	-0.011812	-0.000658	0.007508	-0.025082	0.015556	0.027586
	-0.025414	-0.009944	-0.002149	0.013688	-0.011160	0.003279
	0.027307	-0.019960	0.003607	-0.009829	0.025851	0.049458
	0.010257	0.000842	0.006956	0.016974	0.019097	-0.010934
	0.030430	-0.004533	0.008752	-0.028486	0.003314	0.004249
	0.008558					

y324	-0.026667	-0.005072	0.013743	0.021020	0.004999	0.034690
	-0.056037	0.009031	-0.006409	-0.037270	0.035261	-0.010387
	-0.010745	0.026067	0.025252	-0.000615	0.059901	-0.024679
	0.026916	0.023864	-0.006356	0.013058	0.007655	0.012585
	-0.014162	0.003504	-0.014390	0.029547	0.003089	-0.013734
	-0.016166					
z324	-0.044741	-0.024179	0.006235	-0.006857	-0.015477	0.010730
	0.018360	-0.033219	0.021884	-0.012753	-0.014310	0.001495
	0.008909	0.040065	0.006185	0.003698	0.009664	-0.005478
	0.023034	0.016173	-0.013217	0.006964	-0.019830	-0.036548
	-0.014994	0.004529	-0.004299	-0.016029	0.012109	-0.003763
	-0.022436					
x325	-0.010904	0.012903	0.010157	-0.027020	0.024790	0.035366
	-0.018332	-0.004534	-0.010445	0.019122	-0.008589	0.020370
	0.016582	-0.022842	0.006832	-0.014645	0.016523	0.022271
	0.040968	-0.008682	-0.008366	0.024986	0.014835	-0.007754
	0.032433	0.002771	0.020656	-0.013505	0.007872	0.022903
	0.018238					
y325	-0.029771	-0.003879	0.012189	0.022631	0.011439	0.018836
	-0.057390	0.005056	-0.016467	-0.034361	0.040781	-0.011034
	-0.015162	0.013055	0.027305	-0.003168	0.053857	-0.018048
	0.026048	0.018204	-0.013906	0.014443	0.001302	-0.007128
	-0.001327	0.007031	-0.028449	0.015646	-0.001906	-0.016291
	-0.004402					
z325	-0.043977	-0.024726	0.010976	-0.007896	-0.011653	0.015539
	0.011628	-0.035921	0.019538	-0.005118	-0.019427	0.006375
	0.011006	0.033450	0.005180	0.002348	0.017648	0.007388
	0.029071	0.013128	-0.011473	0.002681	-0.021456	-0.042331
	-0.004604	-0.004134	0.007923	-0.017686	0.006845	0.009928
	-0.023525					
x326	-0.009451	0.023991	0.012323	-0.028150	0.031862	0.040088
	-0.011561	0.000119	-0.017053	0.023069	-0.005682	0.033959
	0.007249	-0.024324	0.008992	-0.018251	0.007758	-0.003064
	0.064900	-0.014802	-0.020983	0.031629	0.011360	-0.005036
	0.032780	0.008932	0.029064	0.001408	0.011598	0.038028
	0.026975					
y326	-0.032825	-0.001724	0.010238	0.023552	0.017391	0.004862
	-0.056453	0.001577	-0.025368	-0.028427	0.044669	-0.011461
	-0.019682	0.001311	0.030076	-0.002923	0.046554	-0.010092
	0.024943	0.013043	-0.018257	0.015844	-0.003538	-0.022046
	0.011719	0.011872	-0.040744	0.007295	-0.006817	-0.018099
	0.006406					

z326	-0.044206	-0.021015	0.014656	-0.007685	-0.009250	0.022246
	0.006631	-0.036354	0.018737	-0.000232	-0.022261	0.010957
	0.013453	0.021042	-0.004842	-0.002066	0.020565	0.007896
	0.037153	0.005897	-0.020916	0.001461	-0.020449	-0.040317
	-0.000001	-0.007309	0.022021	-0.024717	0.022002	0.015465
	-0.022379					
x327	-0.007998	0.032107	0.012997	-0.027506	0.036048	0.042559
	-0.006622	0.003905	-0.021237	0.024960	-0.005121	0.043260
	0.001479	-0.022714	0.011981	-0.021585	0.002448	-0.024155
	0.080766	-0.017750	-0.028069	0.034785	0.008594	-0.001353
	0.032299	0.014557	0.035115	0.012461	0.013268	0.048096
	0.031769					
y327	-0.035752	0.001097	0.007569	0.024981	0.022464	-0.007215
	-0.053601	-0.002038	-0.031497	-0.023957	0.048331	-0.013688
	-0.022876	-0.007899	0.029962	-0.001835	0.037883	-0.003476
	0.022468	0.009040	-0.023844	0.018007	-0.004562	-0.034323
	0.020965	0.017253	-0.048459	0.001682	-0.008204	-0.018011
	0.014049					
z327	-0.042374	-0.015695	0.022786	-0.013040	-0.003592	0.027100
	0.004899	-0.036149	0.012995	0.009273	-0.020596	0.018983
	0.008839	0.008383	-0.013209	-0.004293	0.017123	0.006450
	0.048894	-0.000239	-0.030568	0.002311	-0.020025	-0.040333
	0.009222	-0.012925	0.025323	-0.025242	0.032821	0.022180
	-0.007276					
x328	-0.006055	0.037933	0.013052	-0.026584	0.037546	0.043032
	-0.002273	0.006474	-0.024565	0.025788	-0.005677	0.051064
	-0.003572	-0.020895	0.013713	-0.024459	-0.001230	-0.041851
	0.089750	-0.021461	-0.032589	0.035057	0.006798	0.003249
	0.031219	0.015805	0.040140	0.018441	0.015316	0.056786
	0.032305					
y328	-0.038587	0.005018	0.004888	0.024832	0.027713	-0.017017
	-0.049871	-0.004415	-0.036792	-0.018479	0.051980	-0.016274
	-0.024891	-0.013288	0.028922	0.000721	0.031050	0.003587
	0.023567	0.003447	-0.026876	0.021502	-0.007614	-0.040487
	0.030488	0.021895	-0.051592	-0.002904	-0.009687	-0.015305
	0.021622					
z328	-0.041386	-0.011226	0.030344	-0.014336	0.001088	0.030209
	0.000244	-0.034573	0.011007	0.013774	-0.020104	0.022001
	0.009939	0.000066	-0.016324	-0.008554	0.015290	0.000860
	0.055882	0.000921	-0.042464	0.001131	-0.013086	-0.038041
	0.019438	-0.011622	0.022565	-0.023412	0.036079	0.016931
	0.005666					

x329	-0.004137	0.041604	0.013474	-0.023882	0.036059	0.041641
	0.002167	0.007342	-0.025746	0.024234	-0.008538	0.051536
	-0.006508	-0.018123	0.016773	-0.027329	-0.001643	-0.055913
	0.092284	-0.019717	-0.033779	0.034670	0.009534	0.008384
	0.027459	0.015242	0.037440	0.021257	0.018036	0.058183
	0.028380					
y329	-0.041775	0.008813	0.002518	0.025869	0.032406	-0.025477
	-0.044588	-0.005553	-0.038122	-0.014636	0.054303	-0.020930
	-0.028066	-0.015569	0.030685	0.002011	0.024201	0.007196
	0.021276	0.001783	-0.029463	0.022788	-0.005188	-0.045789
	0.035889	0.026467	-0.059247	-0.007068	-0.011071	-0.017302
	0.032043					
z329	-0.039229	-0.004643	0.036692	-0.018918	0.006666	0.032752
	-0.006359	-0.032424	0.008174	0.020481	-0.016148	0.031046
	0.010985	-0.006382	-0.020357	-0.012854	0.012642	-0.005927
	0.065736	-0.004550	-0.054994	-0.003521	-0.007215	-0.032561
	0.036252	-0.009924	0.021695	-0.024898	0.035329	0.015215
	0.017227					
x330	-0.001323	0.043501	0.013187	-0.021274	0.032895	0.038854
	0.003865	0.009362	-0.026436	0.019670	-0.011450	0.050958
	-0.007135	-0.012131	0.015055	-0.029737	-0.002818	-0.066883
	0.085800	-0.018249	-0.030155	0.028913	0.011306	0.019808
	0.021981	0.013335	0.031649	0.018135	0.013553	0.057905
	0.026546					
y330	-0.044488	0.014443	-0.000050	0.025459	0.037060	-0.031825
	-0.038241	-0.004967	-0.038107	-0.010076	0.058014	-0.026067
	-0.028610	-0.012751	0.028720	0.005415	0.018446	0.011122
	0.019444	-0.001726	-0.028353	0.022609	-0.004135	-0.039290
	0.040737	0.034592	-0.063528	-0.011673	-0.013977	-0.018546
	0.042754					
z330	-0.038613	0.000884	0.044527	-0.021712	0.011634	0.035010
	-0.011524	-0.031797	0.006338	0.025487	-0.016682	0.037274
	0.008625	-0.013650	-0.015794	-0.020780	0.013179	-0.015113
	0.076347	-0.004974	-0.069988	-0.002740	0.004139	-0.032876
	0.054088	-0.011258	0.013939	-0.026261	0.041720	0.005635
	0.023006					
x331	0.001125	0.043330	0.013651	-0.018115	0.027468	0.031200
	0.004174	0.010284	-0.023521	0.015876	-0.014343	0.045423
	-0.006579	-0.008645	0.011433	-0.032143	-0.003570	-0.078047
	0.078368	-0.013614	-0.024894	0.020230	0.015670	0.026111
	0.019941	0.008440	0.021367	0.015130	0.011591	0.053412
	0.016041					

y331	-0.047382	0.020656	-0.002736	0.025028	0.041678	-0.037372
	-0.030696	-0.004680	-0.036173	-0.004877	0.061706	-0.033903
	-0.028196	-0.010293	0.029330	0.008786	0.012694	0.012735
	0.021283	-0.004502	-0.028520	0.023573	0.001168	-0.033217
	0.046261	0.040567	-0.066305	-0.010944	-0.017047	-0.017977
	0.048787					
z331	-0.037330	0.008357	0.052419	-0.024905	0.016700	0.039533
	-0.017811	-0.030235	0.003310	0.027080	-0.017508	0.043919
	0.008287	-0.014443	-0.010108	-0.029053	0.013606	-0.025169
	0.081739	-0.007406	-0.085358	-0.004041	0.018805	-0.019713
	0.068921	-0.012167	-0.002200	-0.034718	0.040632	-0.009065
	0.031597					
x332	0.004274	0.039987	0.010933	-0.013828	0.020317	0.021590
	0.003814	0.008568	-0.019951	0.011248	-0.019772	0.041468
	-0.003803	-0.004632	0.012210	-0.031345	-0.002305	-0.082748
	0.062567	-0.009167	-0.016067	0.012052	0.019050	0.027831
	0.013880	-0.000599	0.020627	0.009952	0.013177	0.049850
	-0.001425					
y332	-0.049759	0.027000	-0.006400	0.023950	0.046369	-0.041552
	-0.020539	-0.004179	-0.033215	0.000918	0.064176	-0.040066
	-0.026950	-0.005828	0.029780	0.015373	0.006454	0.014291
	0.023613	-0.008088	-0.026787	0.026171	0.006280	-0.026540
	0.049404	0.044740	-0.061185	-0.007569	-0.015646	-0.015549
	0.054663					
z332	-0.036606	0.017612	0.062216	-0.028239	0.021446	0.042258
	-0.025603	-0.027010	0.001932	0.027462	-0.018555	0.047568
	0.008804	-0.013887	-0.007527	-0.039891	0.012938	-0.041064
	0.089066	-0.009274	-0.104137	-0.008311	0.037548	-0.000987
	0.089802	-0.012491	-0.028527	-0.047889	0.034762	-0.028010
	0.038902					
x333	0.008840	0.032464	0.006182	-0.006816	0.007630	0.009693
	0.004888	0.005372	-0.018039	0.005468	-0.021874	0.029632
	-0.003775	-0.000445	0.018976	-0.031108	0.001021	-0.082857
	0.040012	0.001837	-0.005866	0.006350	0.019278	0.026707
	0.009716	-0.000303	0.025018	0.021699	0.020898	0.048022
	-0.006629					
y333	-0.051745	0.034041	-0.011085	0.022507	0.049583	-0.041405
	-0.009791	-0.001711	-0.026614	0.005945	0.065446	-0.046860
	-0.026790	0.004145	0.029386	0.022650	-0.000683	0.014709
	0.024260	-0.006952	-0.018018	0.026493	0.008744	-0.016263
	0.043494	0.056852	-0.048557	0.005940	-0.007608	-0.009150
	0.067332					

z333	-0.035236	0.026451	0.071152	-0.032729	0.026699	0.044129
	-0.034311	-0.024098	-0.001113	0.027023	-0.017746	0.050603
	0.008151	-0.012597	-0.002658	-0.048158	0.012041	-0.059715
	0.093976	-0.009723	-0.122494	-0.011749	0.060904	0.016099
	0.116569	-0.012642	-0.059216	-0.063879	0.030320	-0.049579
	0.039237					
x334	0.014155	0.024411	-0.001179	-0.001443	-0.002042	-0.001378
	0.010419	0.004171	-0.023022	0.001879	-0.013476	0.021172
	-0.003716	-0.002406	0.022203	-0.023083	0.006728	-0.067988
	0.024845	0.012644	0.013420	0.005032	0.012623	0.025198
	-0.001055	0.000623	0.024127	0.049176	0.011769	0.040957
	-0.012309					
y334	-0.052319	0.035427	-0.016960	0.021206	0.048866	-0.040317
	-0.006634	0.003832	-0.019081	-0.001059	0.058660	-0.046693
	-0.032861	0.001153	0.028706	0.023537	0.004787	0.021968
	0.020178	-0.012574	-0.008603	0.032850	0.004334	-0.006398
	0.038496	0.052246	-0.026150	-0.000160	-0.002234	0.007804
	0.055357					
z334	-0.030873	0.028989	0.064501	-0.022764	0.019857	0.029319
	-0.031108	-0.029842	-0.000232	0.023619	-0.015370	0.044288
	0.022638	-0.011169	0.008098	-0.053621	0.014932	-0.047337
	0.084747	-0.013105	-0.101860	-0.014600	0.051279	0.026333
	0.083119	-0.016632	-0.062283	-0.058913	0.018717	-0.049099
	0.025764					
x335	0.017514	0.019664	-0.005478	0.002035	-0.008029	-0.009248
	0.013075	0.003981	-0.025965	0.001170	-0.009094	0.015729
	-0.007843	-0.003073	0.024062	-0.013345	0.005731	-0.058379
	0.018491	0.024123	0.026774	0.002989	0.006171	0.013064
	-0.008934	0.002968	0.025648	0.056080	-0.003010	0.049357
	-0.023780					
y335	-0.052665	0.036979	-0.021826	0.018195	0.048422	-0.036125
	-0.004945	0.008175	-0.011372	-0.005101	0.051450	-0.044655
	-0.040544	0.000331	0.027012	0.028166	0.006926	0.026311
	0.016513	-0.011795	0.001838	0.035065	-0.001711	-0.002588
	0.030913	0.049346	-0.010288	-0.007112	0.003170	0.022686
	0.041396					
z335	-0.027221	0.030512	0.056564	-0.013339	0.013343	0.016093
	-0.029437	-0.034491	0.000861	0.019548	-0.013329	0.037083
	0.034642	-0.009239	0.015071	-0.057450	0.018658	-0.034353
	0.074842	-0.016190	-0.078836	-0.016638	0.041336	0.034548
	0.052614	-0.018591	-0.063571	-0.047259	0.011728	-0.047349
	0.011573					

x336	0.019841	0.016117	-0.007776	0.004179	-0.009606	-0.015691
	0.013480	0.005809	-0.026432	-0.001476	-0.007393	0.009276
	-0.013374	-0.005150	0.023524	-0.002886	0.002173	-0.047263
	0.016185	0.037293	0.036717	0.000740	0.004654	0.001190
	-0.011522	0.004499	0.029804	0.060179	-0.013085	0.047749
	-0.030239					
y336	-0.052175	0.038171	-0.026084	0.013945	0.048129	-0.031479
	-0.003284	0.012103	-0.004124	-0.007785	0.044584	-0.042010
	-0.046126	-0.001022	0.026996	0.032195	0.005348	0.030372
	0.013279	-0.010010	0.009795	0.034580	-0.007654	-0.001014
	0.023773	0.045053	0.002155	-0.013372	0.006342	0.028794
	0.031719					
z336	-0.023879	0.031902	0.048692	-0.005385	0.008234	0.004523
	-0.028272	-0.037517	0.001222	0.016203	-0.011697	0.030603
	0.040771	-0.007991	0.021273	-0.057456	0.019998	-0.022054
	0.065980	-0.015542	-0.056394	-0.016913	0.032552	0.036606
	0.026677	-0.018753	-0.061848	-0.039066	0.005018	-0.041576
	-0.001729					
x337	0.022961	0.014827	-0.009353	0.002726	-0.010630	-0.018801
	0.015202	0.008280	-0.025462	-0.002883	-0.005344	0.005119
	-0.018895	-0.003870	0.017462	0.005843	-0.003459	-0.039789
	0.012825	0.046127	0.039511	-0.005568	0.001884	-0.003133
	-0.008271	0.009369	0.035614	0.065626	-0.015769	0.037156
	-0.030115					
y337	-0.050920	0.039843	-0.030641	0.008367	0.046416	-0.026551
	-0.000385	0.014953	0.002430	-0.008665	0.038938	-0.038372
	-0.049012	-0.001809	0.026803	0.034835	0.002873	0.032504
	0.009685	-0.009946	0.011864	0.030667	-0.014804	0.001301
	0.021318	0.042621	0.015426	-0.016612	0.008887	0.029979
	0.024302					
z337	-0.019354	0.034308	0.040742	0.000256	0.003608	-0.005368
	-0.025930	-0.038123	0.001634	0.013793	-0.009036	0.026432
	0.043191	-0.006044	0.025127	-0.053639	0.017509	-0.011491
	0.055265	-0.014868	-0.037552	-0.018198	0.024653	0.039178
	0.007736	-0.017563	-0.053975	-0.033091	0.001476	-0.038251
	-0.010638					
x338	0.024985	0.013284	-0.010157	0.000220	-0.009329	-0.019865
	0.016110	0.011906	-0.025972	-0.003030	-0.002403	0.002868
	-0.023755	-0.003675	0.011217	0.014453	-0.007795	-0.035473
	0.014453	0.054535	0.038448	-0.011260	0.003277	-0.010123
	-0.002314	0.010155	0.038510	0.066264	-0.018185	0.032058
	-0.033643					

y338	-0.049400	0.040695	-0.034631	0.002481	0.044361	-0.021547
	0.002323	0.016641	0.007737	-0.007149	0.034174	-0.034800
	-0.051158	-0.003261	0.027634	0.038422	0.000484	0.031740
	0.005949	-0.009554	0.012421	0.023746	-0.020511	0.001911
	0.021129	0.041179	0.023212	-0.017232	0.010333	0.026849
	0.017704					
z338	-0.014738	0.036599	0.033305	0.004587	0.000571	-0.014060
	-0.023490	-0.036741	-0.000005	0.013517	-0.005378	0.023875
	0.042215	-0.005474	0.027446	-0.045071	0.014343	-0.003671
	0.048118	-0.012880	-0.022308	-0.019782	0.020214	0.038916
	-0.000872	-0.017267	-0.044138	-0.024257	0.000464	-0.031947
	-0.022716					
x339	0.025848	0.011693	-0.009681	-0.005060	-0.007283	-0.019414
	0.015035	0.015045	-0.023944	-0.005011	-0.000891	-0.000770
	-0.030498	-0.004526	0.004795	0.018612	-0.010108	-0.032771
	0.018282	0.064104	0.035738	-0.010897	0.006699	-0.020560
	0.001627	0.007865	0.032747	0.063626	-0.019876	0.028570
	-0.025828					
y339	-0.048134	0.040717	-0.038780	-0.004567	0.041530	-0.016393
	0.003695	0.016624	0.012802	-0.005485	0.030740	-0.031647
	-0.052734	-0.006069	0.027739	0.040909	-0.002054	0.030646
	0.001615	-0.009450	0.009600	0.016924	-0.027537	-0.001048
	0.021694	0.039406	0.026510	-0.013885	0.011229	0.022217
	0.012379					
z339	-0.010397	0.038489	0.026810	0.006805	-0.002455	-0.021804
	-0.022491	-0.034710	-0.001905	0.014249	-0.002081	0.019635
	0.033982	-0.008818	0.031344	-0.035691	0.012274	0.002842
	0.044157	-0.005849	-0.005914	-0.015885	0.020602	0.031450
	-0.001201	-0.017452	-0.035374	-0.009535	0.002622	-0.023113
	-0.026310					
x340	0.025707	0.009439	-0.008857	-0.011612	-0.002661	-0.016831
	0.012731	0.019947	-0.020016	-0.007883	-0.003657	-0.003171
	-0.032074	-0.000889	-0.004821	0.018897	-0.015092	-0.030246
	0.023228	0.069268	0.030002	-0.012938	0.004905	-0.028358
	0.003197	0.006444	0.024249	0.049309	-0.020968	0.022170
	-0.018286					
y340	-0.046799	0.039367	-0.042929	-0.012259	0.038367	-0.010645
	0.004577	0.014929	0.017134	-0.003503	0.026661	-0.029175
	-0.050668	-0.007887	0.026126	0.042487	-0.007172	0.028767
	-0.003063	-0.010719	0.003232	0.007865	-0.038017	-0.003812
	0.021383	0.040426	0.024838	-0.012109	0.011402	0.012028
	0.003709					

z340	-0.006159	0.037660	0.019889	0.009229	-0.004034	-0.028916
	-0.020635	-0.028815	-0.004769	0.016486	-0.003587	0.019913
	0.027164	-0.008945	0.032510	-0.022690	0.008384	0.008570
	0.034782	-0.003260	0.011381	-0.012197	0.012478	0.024503
	0.001931	-0.018236	-0.017744	-0.000949	0.005150	-0.014574
	-0.027021					
x341	0.024002	0.008621	-0.006673	-0.020396	0.004058	-0.010244
	0.008036	0.023596	-0.013863	-0.012516	-0.005643	-0.009574
	-0.034855	0.002579	-0.016821	0.018410	-0.021652	-0.029300
	0.035503	0.077772	0.019387	-0.015818	0.006971	-0.038028
	0.001089	0.005623	0.001222	0.028260	-0.018731	0.010749
	-0.010579					
y341	-0.044848	0.037294	-0.046641	-0.021630	0.034587	-0.004196
	0.005644	0.012189	0.021441	-0.000688	0.023247	-0.026979
	-0.046390	-0.010247	0.025073	0.042364	-0.014307	0.024804
	-0.005518	-0.012243	-0.008318	-0.002601	-0.047477	-0.008431
	0.020690	0.038758	0.015395	-0.010232	0.008888	-0.004739
	-0.004740					
z341	-0.003110	0.038229	0.013995	0.010245	-0.004561	-0.032376
	-0.022601	-0.024778	-0.006348	0.020354	0.000136	0.010575
	0.014533	-0.012825	0.035332	-0.004719	0.001567	0.013460
	0.037096	0.011981	0.030020	-0.010429	0.012075	0.013263
	0.002432	-0.014055	-0.020612	0.004371	0.007267	-0.006127
	-0.040789					
x342	0.021101	0.008645	-0.003178	-0.031305	0.012205	-0.001619
	0.003206	0.028318	-0.007032	-0.019066	-0.009781	-0.013256
	-0.036886	0.007180	-0.031484	0.013454	-0.028085	-0.031826
	0.046852	0.080230	-0.000527	-0.017822	0.009771	-0.047357
	0.003597	0.005633	-0.017343	0.005410	-0.011854	-0.005166
	0.005358					
y342	-0.040682	0.035295	-0.048571	-0.031175	0.029213	0.001256
	0.007418	0.008317	0.025087	0.003253	0.019412	-0.021287
	-0.038541	-0.008943	0.026815	0.038315	-0.019616	0.017765
	-0.007259	-0.011416	-0.024891	-0.014845	-0.052951	-0.010842
	0.028246	0.035375	0.004003	-0.002507	0.001682	-0.017377
	-0.005685					
z342	-0.000146	0.039559	0.005311	0.007214	-0.005418	-0.031784
	-0.023283	-0.016936	-0.006355	0.016054	0.002280	0.002388
	0.003276	-0.008735	0.028673	0.007997	-0.010850	0.015778
	0.033990	0.023307	0.030250	-0.009278	0.005659	0.001044
	0.004946	-0.005071	-0.008751	0.005670	0.012608	-0.005436
	-0.043470					

x343	0.014655	0.002942	0.001760	-0.032516	0.015206	-0.001687
	0.003207	0.031050	-0.009239	-0.021044	-0.004687	-0.018962
	-0.028111	0.004531	-0.018974	0.011322	-0.029613	-0.036878
	0.029970	0.056531	-0.001446	-0.011454	0.009994	-0.044955
	-0.005264	0.009813	-0.016140	0.004875	-0.013843	-0.011740
	-0.009263					
y343	-0.035961	0.033814	-0.046272	-0.035917	0.025891	-0.000853
	0.010514	0.006870	0.028641	0.008060	0.009893	-0.021010
	-0.037099	-0.019634	0.022406	0.041601	-0.021377	0.017521
	-0.018903	-0.001515	-0.026057	-0.020030	-0.045957	-0.004999
	0.032190	0.032821	0.007515	-0.006590	-0.001279	-0.023356
	-0.008600					
z343	0.003541	0.039859	0.001508	0.000808	-0.002726	-0.032832
	-0.024593	-0.009503	-0.004343	0.017248	0.001795	-0.002163
	0.001010	-0.003718	0.015604	0.008652	-0.018851	0.014027
	0.046638	0.034926	0.026261	-0.011409	0.011069	-0.010399
	0.007099	-0.009056	-0.010029	0.012247	0.007131	-0.012261
	-0.041984					
x344	0.009179	-0.002573	0.006573	-0.032597	0.017006	-0.000886
	0.002853	0.032772	-0.011775	-0.023238	-0.000590	-0.022203
	-0.019569	0.001892	-0.004828	0.009727	-0.030187	-0.038342
	0.014559	0.032856	-0.002002	-0.003855	0.009891	-0.040937
	-0.014633	0.013877	-0.015358	0.005288	-0.015723	-0.017424
	-0.023110					
y344	-0.030913	0.031924	-0.042851	-0.038916	0.021540	-0.002675
	0.011837	0.005533	0.030422	0.011650	0.002551	-0.017713
	-0.033540	-0.027157	0.019882	0.043458	-0.021612	0.016063
	-0.027314	0.006946	-0.025235	-0.022725	-0.035581	0.000661
	0.034967	0.029531	0.011182	-0.007721	-0.003876	-0.027293
	-0.009486					
z344	0.004824	0.039102	0.000402	-0.004351	0.000567	-0.033493
	-0.026009	-0.000429	-0.003263	0.016455	0.003180	-0.004716
	-0.000734	0.000645	0.011590	0.008856	-0.026529	0.008287
	0.048589	0.035809	0.023598	-0.009828	0.020275	-0.019985
	0.006564	-0.007669	-0.013610	0.013714	0.004578	-0.018398
	-0.043883					
x345	0.004710	-0.007450	0.010256	-0.031956	0.017582	0.000883
	0.003832	0.034084	-0.014748	-0.023823	0.002789	-0.023778
	-0.013209	0.000149	0.004104	0.007077	-0.029476	-0.038403
	0.002510	0.016105	-0.003304	0.000560	0.008746	-0.036235
	-0.018849	0.013934	-0.015472	0.005537	-0.015267	-0.022032
	-0.029525					

y345	-0.025996	0.029426	-0.038806	-0.040693	0.016977	-0.003591
	0.011829	0.005138	0.030955	0.013921	-0.001595	-0.011643
	-0.027298	-0.030821	0.019070	0.043984	-0.021650	0.015729
	-0.031926	0.010849	-0.023436	-0.023919	-0.022648	0.005087
	0.034043	0.027753	0.012844	-0.004988	-0.000179	-0.026748
	-0.009508					
z345	0.004680	0.037747	0.000743	-0.006656	0.002638	-0.033738
	-0.028383	0.004482	-0.001047	0.011980	0.001635	-0.008799
	-0.001687	0.000512	0.013779	0.012159	-0.031746	0.005199
	0.045744	0.029290	0.022162	-0.004006	0.022252	-0.023215
	0.001424	-0.000862	-0.010775	0.011680	-0.005340	-0.022751
	-0.049712					
x346	0.001692	-0.010851	0.013754	-0.030121	0.017101	0.003518
	0.006611	0.033460	-0.016850	-0.022505	0.004613	-0.025044
	-0.009825	-0.000212	0.009421	0.004140	-0.025426	-0.035815
	-0.007558	0.004612	-0.003392	0.003765	0.005957	-0.029034
	-0.019971	0.010731	-0.014468	0.004182	-0.017320	-0.026031
	-0.027335					
y346	-0.020928	0.026836	-0.034685	-0.041360	0.011988	-0.003848
	0.010751	0.004411	0.030775	0.014161	-0.003603	-0.004497
	-0.020866	-0.033227	0.018574	0.044678	-0.023234	0.014482
	-0.034400	0.012017	-0.020367	-0.024608	-0.011179	0.009722
	0.031875	0.026897	0.014001	-0.000245	0.002713	-0.025932
	-0.013590					
z346	0.002632	0.033717	0.001016	-0.009470	0.005837	-0.033163
	-0.030188	0.011787	-0.001541	0.008989	0.002334	-0.011773
	-0.001455	0.000105	0.014212	0.011789	-0.038648	-0.000959
	0.041849	0.022913	0.016553	-0.000988	0.023140	-0.029843
	-0.001527	0.001966	-0.009624	0.012742	-0.005735	-0.024994
	-0.057473					
x347	0.000129	-0.014233	0.017212	-0.028136	0.016294	0.007602
	0.010072	0.032407	-0.020068	-0.019174	0.005664	-0.023001
	-0.009635	-0.001035	0.011363	0.003381	-0.021255	-0.031868
	-0.015424	-0.002636	-0.006111	0.004521	0.000489	-0.021892
	-0.021209	0.005841	-0.018103	0.004119	-0.019640	-0.028048
	-0.021837					
y347	-0.016275	0.024064	-0.030992	-0.041108	0.007124	-0.002887
	0.009591	0.003399	0.029530	0.013948	-0.003744	0.001781
	-0.013556	-0.033423	0.017835	0.044056	-0.025054	0.012679
	-0.034398	0.011739	-0.015622	-0.025008	-0.000683	0.013430
	0.028246	0.026467	0.013354	0.004331	0.005745	-0.026718
	-0.019113					

z347	-0.001385	0.030709	0.002314	-0.009760	0.007598	-0.033130
	-0.030320	0.016667	-0.000030	0.004699	0.003090	-0.019268
	0.000235	-0.000101	0.014144	0.007323	-0.039208	-0.007750
	0.036737	0.016066	0.014240	0.004394	0.024120	-0.033579
	0.000075	0.004755	-0.000569	0.009864	-0.003960	-0.025392
	-0.059334					
x348	-0.001108	-0.019019	0.019887	-0.024534	0.012984	0.014307
	0.014468	0.030709	-0.025441	-0.018291	0.008847	-0.021371
	-0.012242	-0.001858	0.011872	-0.002087	-0.013529	-0.029101
	-0.027280	-0.006232	-0.008030	0.006871	-0.005588	-0.008333
	-0.014369	0.005214	-0.011671	0.002716	-0.018491	-0.025609
	-0.007929					
y348	-0.011921	0.020855	-0.027450	-0.039832	0.002236	-0.000560
	0.006813	0.002826	0.026714	0.012112	-0.001837	0.007392
	-0.006578	-0.032181	0.017407	0.042100	-0.027269	0.011246
	-0.032969	0.011500	-0.010310	-0.025778	0.007844	0.016159
	0.024441	0.029883	0.012773	0.011902	0.011115	-0.026584
	-0.025697					
z348	-0.005162	0.028860	0.006007	-0.010625	0.012296	-0.033364
	-0.028747	0.019775	0.002731	0.005920	0.002349	-0.024495
	0.000590	-0.001116	0.012557	0.008696	-0.039090	-0.013536
	0.034915	0.008569	0.010941	0.006655	0.022130	-0.042196
	-0.005746	-0.001613	-0.005491	0.007376	-0.006100	-0.028075
	-0.063832					
x349	-0.002893	-0.022159	0.022801	-0.019190	0.009053	0.019175
	0.017902	0.024975	-0.027795	-0.013695	0.007130	-0.018630
	-0.013878	-0.005222	0.014402	-0.008618	-0.007770	-0.022452
	-0.026135	-0.005682	-0.009107	0.005854	-0.009394	-0.000945
	-0.012741	-0.000518	-0.014503	0.001852	-0.023867	-0.024640
	-0.005000					
y349	-0.007519	0.017256	-0.023932	-0.037191	-0.002502	0.002355
	0.004178	0.002247	0.022798	0.009430	0.001403	0.015067
	0.001302	-0.030256	0.016531	0.038293	-0.029429	0.009484
	-0.029776	0.007581	-0.005130	-0.027671	0.013388	0.018666
	0.019386	0.032340	0.012755	0.018669	0.014266	-0.027266
	-0.031205					
z349	-0.009507	0.024525	0.010559	-0.010171	0.015440	-0.030980
	-0.023751	0.024909	0.002263	0.003328	0.005955	-0.027539
	-0.000951	-0.001247	0.005782	0.008423	-0.032775	-0.022861
	0.018618	-0.001279	0.005284	0.011767	0.013693	-0.042651
	-0.004770	-0.004708	0.003838	0.000587	-0.002673	-0.028523
	-0.050104					

x350	-0.003187	-0.023797	0.023114	-0.013165	0.006786	0.025377
	0.023510	0.021551	-0.029937	-0.010745	0.004316	-0.011014
	-0.013459	-0.002790	0.015410	-0.013074	0.001163	-0.010871
	-0.031366	-0.011819	-0.007222	0.006066	-0.019344	0.010958
	-0.011208	-0.010199	-0.005647	0.001662	-0.021385	-0.025843
	0.008451					
y350	-0.003340	0.013588	-0.020289	-0.032721	-0.007330	0.006805
	-0.000033	0.000696	0.018212	0.006748	0.007719	0.023594
	0.010553	-0.025598	0.015411	0.031792	-0.030486	0.006700
	-0.021504	0.001948	0.002175	-0.031372	0.021249	0.020076
	0.014152	0.035948	0.009191	0.027454	0.021901	-0.022824
	-0.038744					
z350	-0.016162	0.019322	0.018121	-0.007777	0.017708	-0.028322
	-0.018466	0.025573	0.002334	0.002757	0.009774	-0.034671
	-0.004952	-0.005893	0.001474	0.004336	-0.024045	-0.033970
	0.005093	-0.007294	-0.001623	0.016882	0.006198	-0.044103
	-0.003393	-0.008380	0.007272	-0.004607	-0.002001	-0.026875
	-0.040528					
x351	0.000269	-0.022770	0.021653	-0.009467	0.003378	0.031624
	0.023992	0.018241	-0.032109	-0.003665	-0.000327	-0.007635
	-0.013802	-0.000901	0.018280	-0.011099	0.004889	0.002843
	-0.021371	-0.009528	-0.004909	0.002440	-0.021135	0.021461
	-0.007950	-0.011866	-0.017472	0.001515	-0.015340	-0.016295
	0.018386					
y351	0.000565	0.009626	-0.016311	-0.026422	-0.012027	0.012582
	-0.003593	-0.000527	0.013896	0.003370	0.014166	0.036060
	0.021723	-0.017672	0.015485	0.022174	-0.031979	0.002760
	-0.011505	-0.008010	0.009427	-0.034195	0.026666	0.020609
	0.006583	0.038047	0.006530	0.035420	0.033205	-0.016957
	-0.041268					
z351	-0.024725	0.013396	0.026407	-0.003082	0.020341	-0.024983
	-0.010564	0.025514	0.002113	0.000963	0.012821	-0.038867
	-0.007977	-0.010207	-0.003765	-0.000080	-0.011259	-0.044093
	-0.013507	-0.017618	-0.008143	0.022896	-0.006726	-0.043600
	-0.002698	-0.016286	0.018684	-0.012948	0.000404	-0.025922
	-0.027486					
x352	0.004217	-0.020731	0.018130	-0.009641	0.000470	0.035871
	0.024280	0.015741	-0.033482	-0.001736	-0.002647	-0.004549
	-0.010701	0.000881	0.014750	-0.010103	0.001086	0.019814
	-0.014707	-0.010503	-0.003603	0.002754	-0.020989	0.029244
	-0.006315	-0.013043	-0.013853	0.003582	-0.014356	-0.011533
	0.016545					

y352	-0.000846	0.007846	-0.014726	-0.024492	-0.015422	0.017658
	-0.004231	-0.000754	0.014759	0.011731	0.009160	0.026715
	0.029677	-0.010924	0.004426	0.017790	-0.037305	0.001794
	-0.003505	-0.004530	-0.001233	-0.025257	0.035370	0.016106
	-0.001901	0.034271	-0.007860	0.040523	0.031968	0.005472
	-0.055492					
z352	-0.021684	0.008128	0.023486	-0.003736	0.017339	-0.018427
	-0.011767	0.028190	-0.005839	-0.002550	0.007928	-0.030470
	-0.000930	-0.010977	-0.002799	-0.005143	-0.011829	-0.031613
	-0.013428	-0.015988	-0.014300	0.008552	-0.012869	-0.040473
	0.005551	-0.017054	0.014664	-0.012440	-0.001100	-0.020609
	-0.032709					
x353	0.007815	-0.017074	0.016092	-0.009770	-0.001603	0.036587
	0.024232	0.011653	-0.032243	0.002431	0.001130	-0.006776
	-0.009421	0.002230	0.015253	-0.003884	-0.001485	0.026150
	-0.013488	-0.007250	0.001214	0.000997	-0.017355	0.037007
	-0.006813	-0.010839	-0.019401	0.008881	-0.010786	-0.011895
	0.020337					
y353	-0.001986	0.005804	-0.013722	-0.021720	-0.018202	0.022065
	-0.004075	-0.000080	0.015885	0.018865	0.004175	0.019503
	0.035371	-0.003703	-0.003837	0.012981	-0.041454	-0.001286
	0.000683	-0.001984	-0.009345	-0.017336	0.041276	0.014008
	-0.010647	0.030981	-0.020642	0.043316	0.030502	0.019171
	-0.059458					
z353	-0.019039	0.003626	0.020531	-0.004366	0.014542	-0.012143
	-0.012481	0.029980	-0.013504	-0.005629	0.003249	-0.023521
	0.005289	-0.011708	-0.002918	-0.007908	-0.012312	-0.018640
	-0.012700	-0.014708	-0.020107	-0.002879	-0.017403	-0.036982
	0.012874	-0.018570	0.012737	-0.010871	-0.002638	-0.015279
	-0.037974					
x354	0.010112	-0.014577	0.014017	-0.010036	-0.003060	0.034723
	0.022520	0.008872	-0.029255	0.006474	0.004150	-0.007506
	-0.006940	0.003573	0.017125	-0.000616	-0.001831	0.026576
	-0.014442	-0.006636	0.008679	-0.000574	-0.015372	0.045144
	-0.006341	-0.012358	-0.019918	0.011957	-0.007830	-0.009000
	0.023312					
y354	-0.002823	0.003824	-0.013247	-0.018077	-0.019364	0.024914
	-0.004237	-0.000272	0.016372	0.024308	0.000302	0.014564
	0.039978	0.003085	-0.010010	0.008578	-0.045078	-0.005339
	0.004007	-0.000033	-0.014753	-0.010402	0.044574	0.013607
	-0.018931	0.028335	-0.028194	0.044659	0.029842	0.027296
	-0.058644					

z354	-0.017119	-0.000544	0.017931	-0.005284	0.011750	-0.006998
	-0.013822	0.031355	-0.019349	-0.007966	-0.001062	-0.017844
	0.010689	-0.012559	-0.002315	-0.009980	-0.012804	-0.009054
	-0.013269	-0.014049	-0.022869	-0.013098	-0.020981	-0.030510
	0.019134	-0.020497	0.010924	-0.009179	-0.004076	-0.009765
	-0.040275					
x355	0.011311	-0.010810	0.014222	-0.010055	-0.004439	0.034280
	0.023316	0.006069	-0.027827	0.010566	0.009362	-0.012086
	-0.007525	0.003706	0.018652	0.004143	-0.003747	0.027987
	-0.008199	-0.005656	0.011553	0.003386	-0.012599	0.050863
	-0.005256	-0.006730	-0.020129	0.017726	-0.004450	-0.007739
	0.023669					
y355	-0.003670	0.001293	-0.013953	-0.013746	-0.019394	0.026548
	-0.004490	-0.000412	0.015720	0.028282	-0.003558	0.011763
	0.043518	0.008954	-0.012990	0.004781	-0.047024	-0.009415
	0.005492	0.000966	-0.017555	-0.003293	0.044755	0.013500
	-0.024423	0.026333	-0.030861	0.045225	0.028648	0.030315
	-0.055074					
z355	-0.016314	-0.004249	0.016591	-0.006387	0.008980	-0.001177
	-0.013669	0.032580	-0.025686	-0.010454	-0.004213	-0.014200
	0.013884	-0.013899	-0.001226	-0.010409	-0.014779	-0.000970
	-0.011464	-0.013954	-0.024851	-0.018909	-0.024664	-0.022278
	0.024793	-0.017477	0.010008	-0.007261	-0.004284	-0.007512
	-0.038621					
x356	0.012778	-0.006239	0.014769	-0.010042	-0.005456	0.032354
	0.024240	0.003496	-0.023599	0.016776	0.013668	-0.016480
	-0.008306	0.007581	0.018629	0.010793	-0.002559	0.028612
	-0.003697	-0.004654	0.015159	0.006199	-0.007804	0.052936
	-0.007749	-0.006249	-0.019150	0.021673	-0.006551	-0.008705
	0.022851					
y356	-0.004583	-0.001198	-0.015220	-0.008752	-0.018164	0.027317
	-0.005011	-0.000756	0.014626	0.030628	-0.006781	0.010767
	0.045472	0.014545	-0.014346	0.001136	-0.047583	-0.013349
	0.005953	0.001570	-0.017725	0.003188	0.042479	0.014213
	-0.030279	0.024310	-0.030142	0.044724	0.027315	0.028075
	-0.048571					
z356	-0.016250	-0.007157	0.016701	-0.008026	0.006158	0.004215
	-0.013654	0.033141	-0.029950	-0.011137	-0.007420	-0.011871
	0.015639	-0.013310	0.000279	-0.009826	-0.015768	0.005331
	-0.009175	-0.013371	-0.022524	-0.023293	-0.026938	-0.012628
	0.028045	-0.015017	0.008324	-0.004453	-0.008456	-0.007275
	-0.034246					

x357	0.014665	-0.001543	0.014179	-0.007948	-0.005942	0.029400
	0.026463	0.001770	-0.019377	0.021867	0.016175	-0.020855
	-0.010351	0.012096	0.017400	0.019630	-0.000534	0.029763
	-0.000909	-0.003806	0.012847	0.010267	0.000289	0.050362
	-0.011267	-0.004719	-0.015292	0.020540	-0.008440	-0.014773
	0.019879					
y357	-0.005662	-0.003692	-0.017059	-0.003047	-0.015606	0.027303
	-0.005502	-0.001061	0.012498	0.031205	-0.009543	0.011841
	0.046227	0.019268	-0.013889	-0.002685	-0.047302	-0.016669
	0.005104	0.002004	-0.015824	0.009219	0.039043	0.016163
	-0.034282	0.022783	-0.026706	0.044035	0.025147	0.021726
	-0.041607					
z357	-0.016563	-0.009652	0.016986	-0.008606	0.003456	0.010064
	-0.013424	0.033155	-0.034353	-0.012035	-0.011923	-0.011308
	0.015366	-0.012294	0.002893	-0.007964	-0.017130	0.011437
	-0.005532	-0.011885	-0.021506	-0.025084	-0.025653	-0.002660
	0.030949	-0.006961	0.004469	-0.005260	-0.012342	-0.013529
	-0.029561					
x358	0.016680	0.004294	0.013402	-0.005959	-0.006452	0.024683
	0.028733	0.000946	-0.013578	0.027056	0.019995	-0.027399
	-0.012606	0.016418	0.012515	0.029892	0.001533	0.029011
	0.001046	-0.005932	0.009179	0.014884	0.006526	0.045526
	-0.015055	-0.005857	-0.004997	0.021599	-0.008674	-0.014214
	0.018303					
y358	-0.006817	-0.006127	-0.019771	0.003284	-0.012054	0.026733
	-0.006325	-0.001085	0.009859	0.029665	-0.011528	0.014858
	0.045552	0.023702	-0.011959	-0.005854	-0.045075	-0.021196
	0.003863	0.001369	-0.012222	0.014820	0.032969	0.019799
	-0.038070	0.020710	-0.019678	0.043172	0.021751	0.011505
	-0.033080					
z358	-0.017153	-0.010892	0.017915	-0.009687	0.000384	0.015405
	-0.013899	0.032749	-0.036962	-0.013581	-0.015499	-0.013330
	0.014025	-0.012180	0.003178	-0.005772	-0.020081	0.015664
	-0.001163	-0.012817	-0.018366	-0.024730	-0.025722	0.008919
	0.034012	0.002334	0.003682	-0.002404	-0.014200	-0.012689
	-0.019170					
x359	0.018632	0.010258	0.011951	-0.003928	-0.005716	0.018118
	0.032604	0.000837	-0.007686	0.035069	0.024748	-0.034933
	-0.014528	0.021231	0.005940	0.043954	0.005538	0.027089
	0.002105	-0.008168	0.002650	0.019653	0.014359	0.036730
	-0.022908	-0.013172	0.007569	0.021366	-0.009954	-0.016700
	0.010254					

y359	-0.007922	-0.008476	-0.023175	0.010381	-0.006736	0.025334
	-0.006977	-0.001431	0.006478	0.026355	-0.012696	0.020465
	0.043406	0.027525	-0.008084	-0.008582	-0.041128	-0.026344
	0.001217	-0.000036	-0.006089	0.019133	0.024217	0.024729
	-0.040748	0.018249	-0.008160	0.040866	0.016523	-0.004709
	-0.020651					
z359	-0.018175	-0.012246	0.017871	-0.011504	-0.001525	0.019574
	-0.012946	0.032675	-0.040016	-0.011877	-0.018301	-0.016098
	0.013648	-0.012151	0.001313	0.000111	-0.021740	0.019623
	0.002682	-0.014402	-0.014573	-0.023802	-0.026467	0.020614
	0.032927	0.005454	0.006379	-0.000642	-0.015924	-0.014915
	-0.012833					
x360	0.020292	0.017224	0.010918	-0.000920	-0.005124	0.010399
	0.036578	0.000572	-0.000204	0.042585	0.030203	-0.044050
	-0.017985	0.026039	-0.000439	0.059000	0.010754	0.023210
	0.003029	-0.010546	-0.008133	0.026118	0.025741	0.024679
	-0.031859	-0.020585	0.021226	0.022437	-0.013855	-0.019136
	-0.001385					
y360	-0.008981	-0.010861	-0.027200	0.018168	-0.000107	0.022947
	-0.008028	-0.002254	0.002908	0.021795	-0.013320	0.027821
	0.039291	0.029874	-0.002540	-0.011947	-0.035808	-0.032293
	-0.002239	-0.002063	0.001046	0.023025	0.012623	0.030559
	-0.042394	0.016877	0.006632	0.037313	0.012389	-0.026236
	-0.003395					
z360	-0.019980	-0.011422	0.018217	-0.013261	-0.004485	0.022297
	-0.012657	0.030866	-0.042421	-0.009780	-0.018990	-0.024355
	0.008989	-0.013903	-0.000535	0.011015	-0.023790	0.021442
	0.008214	-0.016475	-0.013369	-0.017115	-0.021914	0.033177
	0.027862	0.004251	0.011217	0.006531	-0.019855	-0.013042
	-0.012990					
x361	0.035266	0.021670	-0.014006	0.027436	-0.003797	0.008727
	0.047953	-0.000626	0.015251	0.043738	0.037937	-0.031260
	-0.008636	0.026492	-0.000170	0.047070	0.043496	0.017819
	0.009962	0.007819	-0.017560	0.022748	0.029878	0.005874
	-0.025545	-0.037765	0.000924	0.010042	0.017152	0.000439
	-0.040916					
y361	-0.008024	-0.014734	-0.042987	0.029046	0.008197	0.021218
	0.001572	-0.007682	-0.000348	0.026297	-0.013169	0.024922
	0.035566	0.023363	-0.018656	-0.013497	-0.029876	-0.039867
	-0.010747	0.008106	-0.004948	0.017631	-0.016274	0.037181
	-0.030918	0.032288	0.004005	0.024463	-0.007327	-0.006254
	-0.002633					

z361	-0.019633	-0.010713	0.018075	-0.012699	-0.004260	0.025019
	-0.009622	0.032638	-0.044184	-0.008614	-0.019036	-0.029616
	0.004831	-0.010977	0.000198	0.024053	-0.018861	0.027014
	0.016212	-0.016658	-0.008927	-0.007772	-0.014270	0.038511
	0.016242	0.008911	0.021201	0.005610	-0.028108	-0.025305
	-0.005718					
x362	0.046269	0.024962	-0.032193	0.048977	-0.003875	0.005179
	0.053707	-0.001585	0.027644	0.045705	0.044211	-0.019258
	0.001689	0.027457	-0.000603	0.036661	0.068456	0.013452
	0.014055	0.022147	-0.025980	0.020602	0.032340	-0.007871
	-0.019480	-0.047519	-0.015189	-0.000898	0.045706	0.013888
	-0.075945					
y362	-0.007570	-0.018044	-0.056582	0.038620	0.016276	0.019886
	0.008393	-0.010281	-0.002234	0.031727	-0.014890	0.020494
	0.031593	0.016577	-0.028643	-0.016596	-0.018984	-0.044348
	-0.015559	0.017038	-0.009004	0.007533	-0.042004	0.042805
	-0.017332	0.042356	-0.001946	0.008496	-0.020355	0.009601
	-0.007005					
z362	-0.013544	-0.010253	0.009528	-0.002557	-0.003491	0.027100
	0.001493	0.033649	-0.042320	-0.005038	-0.015845	-0.028990
	-0.001594	-0.014037	-0.002736	0.033191	0.001206	0.032093
	0.027263	-0.008872	-0.004699	0.004643	-0.012185	0.043368
	0.009005	0.001852	0.004723	0.001485	-0.017733	-0.021178
	-0.029557					
x363	0.051986	0.027377	-0.041250	0.058933	-0.004260	-0.000141
	0.052119	-0.004570	0.035283	0.049893	0.048325	-0.012189
	0.013555	0.031660	0.000156	0.029092	0.077064	0.005986
	0.014213	0.026828	-0.033404	0.016747	0.033016	-0.018436
	-0.012280	-0.052371	-0.020584	-0.009549	0.048292	0.019561
	-0.082458					
y363	-0.008028	-0.020447	-0.067394	0.045299	0.023240	0.019272
	0.011211	-0.011493	-0.002756	0.036789	-0.017959	0.016102
	0.028838	0.013193	-0.029604	-0.021012	-0.007955	-0.046934
	-0.018529	0.021369	-0.011143	-0.003858	-0.061272	0.044163
	-0.003779	0.049488	-0.008393	-0.003967	-0.037455	0.019194
	-0.006052					
z363	-0.007020	-0.008935	-0.001323	0.013015	-0.004661	0.028225
	0.011791	0.034413	-0.037240	-0.004666	-0.010931	-0.029379
	-0.003303	-0.019223	-0.011097	0.037810	0.021517	0.036338
	0.035509	0.003030	-0.004588	0.013617	-0.008718	0.049633
	0.005356	0.001234	-0.000797	-0.001734	0.004232	-0.012005
	-0.062769					

x364	0.054399	0.029048	-0.042792	0.061263	-0.006298	-0.006044
	0.047509	-0.008922	0.040665	0.054643	0.051272	-0.008137
	0.024488	0.036842	-0.002005	0.022916	0.073529	-0.001170
	0.010662	0.026768	-0.038489	0.015048	0.033874	-0.021631
	-0.006694	-0.052346	-0.018564	-0.015275	0.052123	0.022877
	-0.076688					
y364	-0.006731	-0.020467	-0.069735	0.050727	0.027594	0.020827
	0.019908	-0.018364	-0.004923	0.039667	-0.018303	0.010317
	0.023605	0.010771	-0.045729	-0.026442	-0.018292	-0.041852
	-0.018767	0.027486	-0.010438	-0.000051	-0.066360	0.044654
	-0.007274	0.048466	-0.003538	-0.006917	-0.028255	0.024182
	0.003861					
z364	-0.001751	-0.008306	-0.016088	0.025956	-0.003841	0.027487
	0.015649	0.037748	-0.031530	-0.000634	-0.009118	-0.026760
	-0.000358	-0.021046	-0.005742	0.043786	0.050486	0.033163
	0.041793	0.006696	-0.005937	0.011834	-0.013799	0.048742
	0.013997	0.000141	-0.013744	-0.012209	-0.008324	-0.008140
	-0.085604					
x365	0.054129	0.029119	-0.040750	0.058490	-0.009399	-0.012723
	0.040093	-0.012670	0.046020	0.057799	0.052138	-0.004228
	0.035353	0.042387	-0.002294	0.017809	0.062537	-0.011159
	0.001022	0.022439	-0.045054	0.010063	0.034949	-0.026352
	-0.003586	-0.050546	-0.013110	-0.018279	0.043240	0.019806
	-0.065799					
y365	-0.006303	-0.020726	-0.074477	0.054919	0.032789	0.023281
	0.024367	-0.022968	-0.004785	0.042538	-0.020518	0.006030
	0.020197	0.010571	-0.047011	-0.032613	-0.022151	-0.039629
	-0.018474	0.032157	-0.009908	-0.000333	-0.070919	0.039919
	-0.006408	0.047958	-0.009604	-0.005181	-0.035717	0.019796
	0.010670					
z365	0.004663	-0.005286	-0.025216	0.036701	-0.005779	0.027197
	0.021983	0.034524	-0.027609	0.005719	-0.004556	-0.029086
	0.001652	-0.021629	-0.013093	0.049487	0.063865	0.033020
	0.051034	0.008359	-0.003350	0.019233	-0.014396	0.054662
	0.020803	0.002038	-0.017266	-0.021286	-0.004780	0.001319
	-0.088818					
x366	0.051757	0.028223	-0.033767	0.050493	-0.014610	-0.021220
	0.031648	-0.017277	0.051565	0.061798	0.052402	-0.001917
	0.046663	0.046101	-0.001869	0.012719	0.046021	-0.021940
	-0.009050	0.008742	-0.051123	0.010017	0.033626	-0.027404
	-0.000860	-0.047814	-0.009948	-0.023858	0.031919	0.016036
	-0.050309					

y366	-0.005231	-0.020506	-0.078739	0.059809	0.038602	0.027504
	0.030631	-0.027671	-0.002971	0.043450	-0.023265	0.001381
	0.016590	0.008953	-0.046636	-0.039542	-0.028389	-0.036315
	-0.017633	0.037124	-0.008797	0.002459	-0.068412	0.029568
	-0.010554	0.039336	-0.020024	-0.001441	-0.041861	0.008923
	0.017296					
z366	0.012628	-0.001901	-0.036490	0.046863	-0.008737	0.027443
	0.029113	0.030933	-0.022892	0.011585	-0.000316	-0.027580
	0.006402	-0.017071	-0.022796	0.054115	0.069469	0.029271
	0.054095	0.005742	-0.000470	0.028246	-0.017241	0.061599
	0.029050	0.007933	-0.014065	-0.026233	-0.003431	0.012420
	-0.075157					
x367	0.046412	0.026321	-0.018784	0.032297	-0.022501	-0.031099
	0.018812	-0.023232	0.052667	0.070004	0.052921	-0.002743
	0.059093	0.052160	-0.007935	0.006877	0.017059	-0.030797
	-0.019013	-0.012218	-0.051191	0.019225	0.019992	-0.018518
	-0.000572	-0.028296	-0.001541	-0.027267	0.018286	-0.001902
	-0.023295					
y367	-0.003622	-0.020085	-0.082967	0.068444	0.046164	0.033320
	0.039423	-0.031480	0.003349	0.038638	-0.027067	-0.004339
	0.011539	0.002253	-0.043902	-0.048123	-0.036162	-0.031797
	-0.019852	0.050622	-0.011028	-0.003377	-0.047603	0.001346
	-0.024039	0.013883	-0.035868	0.004815	-0.042341	-0.015624
	0.010843					
z367	0.023678	0.002385	-0.054481	0.060833	-0.011840	0.027402
	0.043205	0.023612	-0.010714	0.012778	0.005488	-0.023579
	0.015381	-0.012434	-0.028277	0.055965	0.064056	0.013544
	0.053413	-0.002580	-0.003566	0.048411	-0.018182	0.058840
	0.039585	0.009586	-0.015237	-0.027331	-0.016792	0.022723
	-0.052247					
x368	0.032942	0.024341	0.012865	-0.007367	-0.034375	-0.043650
	-0.016492	-0.024918	0.038640	0.095805	0.048947	-0.010573
	0.071106	0.064255	-0.019777	0.004576	-0.004962	-0.025891
	-0.020732	-0.041226	-0.031543	0.030666	-0.023048	0.034934
	0.012141	0.025390	0.026852	-0.030142	0.013792	-0.012174
	0.030304					
y368	-0.004123	-0.017968	-0.075764	0.068139	0.046709	0.040993
	0.035299	-0.025709	0.001273	0.047442	-0.037570	-0.016376
	0.008050	0.000263	-0.034601	-0.058603	-0.017347	-0.006475
	-0.004770	0.050178	0.000555	-0.032771	-0.044635	-0.004298
	-0.025447	-0.012258	-0.029434	-0.007062	-0.027083	-0.024652
	0.005498					

z368	0.037125	0.005745	-0.079637	0.081367	-0.014097	0.024871
	0.066545	0.011643	0.013723	0.002651	0.015783	-0.018995
	0.024018	-0.012651	-0.035742	0.050630	0.051042	-0.020908
	0.034949	-0.005718	-0.018463	0.056800	-0.006915	0.025812
	0.042424	-0.008695	-0.027859	-0.027849	-0.034971	0.022414
	-0.035865					
x369	0.012702	0.017033	0.040662	-0.037220	-0.029768	-0.057965
	-0.042954	-0.023804	0.030143	0.105072	0.037884	-0.018421
	0.068364	0.055327	-0.032747	0.007815	-0.044486	-0.028852
	-0.044239	-0.030507	-0.034079	0.011275	-0.023933	0.050304
	0.014364	0.039190	0.044987	-0.032724	-0.007413	-0.037199
	0.033756					
y369	-0.006557	-0.014253	-0.057658	0.055966	0.042378	0.042460
	0.017806	-0.020277	-0.000997	0.057430	-0.044574	-0.020544
	0.014235	0.008281	-0.018313	-0.067163	-0.008258	0.021429
	0.018929	0.037980	0.018585	-0.030781	-0.038324	-0.001578
	-0.027151	-0.013501	-0.006452	-0.011712	-0.012890	-0.041951
	0.006399					
z369	0.041594	0.008109	-0.078977	0.082530	-0.025404	0.016476
	0.062839	0.004918	0.027898	0.011219	0.021069	-0.015703
	0.042853	-0.005764	-0.046856	0.051166	0.035153	-0.025590
	0.018815	-0.019867	-0.018119	0.042783	-0.003073	0.026636
	0.041890	-0.006855	-0.015677	-0.027801	-0.021802	0.014975
	-0.002412					
x370	-0.007302	-0.016173	0.019496	0.008284	-0.004451	0.018415
	0.025598	-0.045384	-0.005520	-0.009797	0.004425	-0.042061
	0.000276	0.026532	0.047504	0.018940	-0.011526	-0.036642
	0.027786	-0.044278	-0.006097	-0.011956	-0.046816	0.009946
	0.061720	-0.043285	0.048384	-0.031778	-0.064158	0.055361
	0.010541					
y370	-0.011604	0.020455	0.018495	-0.031389	-0.001971	-0.036170
	0.051511	0.029696	0.000366	0.006051	-0.047056	0.032059
	-0.096176	-0.009173	-0.076090	-0.039482	0.041167	-0.034753
	0.013485	-0.058622	-0.048013	0.075931	-0.030302	0.050219
	0.004118	0.015322	0.021273	0.029422	0.031874	-0.067804
	-0.070612					
z370	-0.008801	-0.027301	-0.016123	0.025478	-0.031522	-0.047369
	-0.012088	0.013318	0.001074	0.016131	-0.023876	-0.000910
	-0.021971	0.010230	-0.007961	-0.031669	-0.008798	0.006898
	-0.012166	-0.014693	-0.018382	0.001583	0.027204	-0.020880
	-0.020183	0.032130	-0.116385	0.061374	-0.032000	-0.032105
	0.039439					

x371	-0.014509	-0.022987	0.017136	0.009071	-0.005548	0.009470
	0.035655	-0.053013	-0.006572	-0.017676	0.022990	-0.052506
	0.002245	0.027142	0.045078	0.011801	-0.012377	-0.036099
	0.026397	-0.037348	0.001013	-0.020792	-0.045896	0.010699
	0.054925	-0.015778	0.029682	-0.009132	-0.037106	0.052896
	0.011891					
y371	-0.008600	0.025630	0.023643	-0.031334	-0.007476	-0.029911
	0.042748	0.058174	0.011037	0.009232	-0.053849	0.043660
	-0.092589	-0.001913	-0.057160	-0.011812	0.049477	-0.004999
	0.008862	-0.041135	-0.055985	0.039617	-0.016542	0.053692
	-0.006328	-0.008894	0.016030	0.003355	0.012470	-0.058644
	-0.041763					
z371	-0.008756	-0.036373	-0.019285	0.024190	-0.018337	-0.062323
	-0.006937	0.022060	-0.003440	0.019719	-0.028239	-0.000392
	-0.021133	-0.003218	-0.021220	-0.043690	-0.012837	-0.007349
	-0.020351	0.005078	-0.008570	-0.011970	0.034199	-0.026113
	-0.018708	0.003805	-0.087468	0.048453	-0.016889	-0.033143
	-0.017421					
x372	-0.019933	-0.025009	0.015314	0.007284	-0.005936	0.005970
	0.041127	-0.057027	-0.003145	-0.020713	0.034293	-0.059450
	-0.001222	0.031595	0.047045	0.015450	-0.001416	-0.015059
	0.021260	-0.033957	-0.003138	-0.024545	-0.043812	0.016653
	0.054823	0.001373	0.008489	-0.010819	-0.026293	0.033177
	0.023830					
y372	-0.006613	0.030426	0.027722	-0.029579	-0.010666	-0.023117
	0.034630	0.080466	0.015319	0.010933	-0.054907	0.053477
	-0.085388	0.003594	-0.042935	0.007598	0.053139	0.016660
	0.003491	-0.022429	-0.065031	0.007456	0.005680	0.045789
	-0.010386	-0.029265	0.017449	-0.010528	-0.003417	-0.048213
	-0.030316					
z372	-0.007583	-0.042258	-0.021708	0.022926	-0.008469	-0.072928
	0.000817	0.036072	-0.001795	0.022487	-0.039895	0.005427
	-0.023570	-0.009246	-0.021902	-0.041025	-0.008584	-0.010041
	-0.018548	0.011219	-0.007284	-0.023189	0.035972	-0.015359
	-0.023482	-0.019474	-0.061250	0.028475	-0.014755	-0.029607
	-0.043035					
x373	-0.025185	-0.024163	0.013750	0.005020	-0.007267	0.004984
	0.043286	-0.059880	-0.002040	-0.023424	0.043134	-0.063178
	-0.006558	0.034183	0.046406	0.021894	0.005934	0.002726
	0.015127	-0.029544	-0.010215	-0.030440	-0.033259	0.015196
	0.055269	0.010136	-0.005543	-0.010633	-0.021944	0.013244
	0.039461					

y373	-0.003274	0.033074	0.030363	-0.027451	-0.014065	-0.017494
	0.029416	0.096118	0.014814	0.011812	-0.055460	0.060433
	-0.073500	0.006838	-0.036221	0.018546	0.057856	0.033235
	0.003490	-0.009320	-0.065145	-0.009734	0.009905	0.046607
	-0.015705	-0.038348	0.019450	-0.024332	-0.012427	-0.033975
	-0.031781					
z373	-0.009275	-0.043821	-0.021732	0.022284	-0.002048	-0.078647
	0.004912	0.051518	0.004173	0.026139	-0.047399	0.011631
	-0.029071	-0.011570	-0.016649	-0.028626	-0.004335	-0.007563
	-0.018511	0.020456	-0.010567	-0.039435	0.047385	-0.010251
	-0.021450	-0.041137	-0.037726	0.016703	-0.013949	-0.031743
	-0.047830					
x374	-0.027799	-0.022342	0.011642	0.002130	-0.008918	0.003458
	0.044712	-0.061807	-0.002991	-0.024720	0.049871	-0.064927
	-0.010972	0.031262	0.041246	0.024315	0.013282	0.015402
	0.009840	-0.026314	-0.014010	-0.033776	-0.026381	0.015971
	0.049666	0.017302	-0.017352	-0.009776	-0.014863	-0.000456
	0.037062					
y374	-0.001647	0.034350	0.030786	-0.023652	-0.017175	-0.009335
	0.024213	0.101918	0.013750	0.008418	-0.054423	0.062518
	-0.059321	0.013344	-0.033419	0.029884	0.055283	0.040646
	0.004961	0.003295	-0.060239	-0.022656	0.015499	0.037124
	-0.021170	-0.040615	0.025398	-0.030012	-0.021029	-0.017488
	-0.020577					
z374	-0.010572	-0.043140	-0.018022	0.020920	0.002700	-0.086270
	0.010719	0.069203	0.011748	0.030031	-0.052447	0.017349
	-0.032836	-0.012881	-0.010789	-0.021284	0.002571	-0.000946
	-0.020044	0.026387	-0.017852	-0.050189	0.051812	0.000768
	-0.013830	-0.057631	-0.022233	-0.001568	-0.009610	-0.032919
	-0.054692					
x375	-0.028642	-0.019639	0.008580	-0.001019	-0.010825	0.002429
	0.044558	-0.064589	-0.005058	-0.025603	0.052835	-0.064680
	-0.014676	0.025622	0.034752	0.025907	0.018050	0.023031
	0.005889	-0.021731	-0.016643	-0.037655	-0.018719	0.013696
	0.039524	0.019369	-0.026113	-0.006427	-0.010608	-0.007984
	0.033448					
y375	-0.000539	0.034905	0.031931	-0.019438	-0.021290	-0.001970
	0.022300	0.102593	0.011612	0.006329	-0.049148	0.060609
	-0.044491	0.017142	-0.029490	0.035837	0.052417	0.044354
	0.007449	0.007075	-0.059410	-0.026783	0.015992	0.030823
	-0.018707	-0.037711	0.024781	-0.041657	-0.022655	-0.011163
	-0.000955					

z375	-0.013110	-0.041094	-0.014511	0.020441	0.006606	-0.092081
	0.014941	0.086359	0.021461	0.029347	-0.057529	0.023271
	-0.034657	-0.007119	-0.009109	-0.012385	0.009038	0.007055
	-0.022287	0.040465	-0.017474	-0.060303	0.053330	0.009606
	-0.013142	-0.063973	-0.005776	-0.009353	-0.004734	-0.024974
	-0.055926					
x376	-0.027867	-0.015815	0.005144	-0.004549	-0.012828	0.002104
	0.042993	-0.067586	-0.008663	-0.024831	0.053921	-0.063266
	-0.017628	0.017956	0.026907	0.026968	0.021647	0.028049
	0.002542	-0.018540	-0.019529	-0.041879	-0.010459	0.009479
	0.028518	0.018052	-0.031949	-0.003868	-0.009750	-0.011393
	0.031000					
y376	0.000486	0.035240	0.032931	-0.015959	-0.025398	0.005862
	0.020544	0.097914	0.012518	0.000919	-0.043018	0.056405
	-0.031424	0.020742	-0.027706	0.039983	0.046992	0.046650
	0.011889	0.009998	-0.054928	-0.023240	0.008270	0.027526
	-0.014722	-0.026657	0.021199	-0.043555	-0.022391	-0.003441
	0.010310					
z376	-0.016773	-0.037618	-0.009672	0.021631	0.008882	-0.097969
	0.020919	0.104397	0.030553	0.027733	-0.060388	0.029131
	-0.032488	0.003484	-0.007642	-0.003813	0.017402	0.015303
	-0.024876	0.051621	-0.018239	-0.068273	0.051619	0.016877
	-0.009961	-0.064226	0.009352	-0.019931	0.001970	-0.016577
	-0.040247					
x377	-0.025396	-0.010463	0.001717	-0.008724	-0.014837	0.002747
	0.039836	-0.070065	-0.012042	-0.022462	0.052744	-0.060628
	-0.020604	0.008142	0.019551	0.027577	0.024861	0.030953
	-0.000719	-0.015398	-0.022298	-0.044926	-0.004701	0.006093
	0.017861	0.011601	-0.033690	-0.002968	-0.010004	-0.011970
	0.022845					
y377	-0.000276	0.036035	0.033483	-0.013443	-0.031178	0.016342
	0.018287	0.087953	0.010630	-0.002077	-0.033985	0.050517
	-0.020857	0.024390	-0.028588	0.045773	0.038877	0.046369
	0.013396	0.006217	-0.047421	-0.019027	0.004557	0.021991
	-0.011124	-0.011303	0.019029	-0.045015	-0.016123	-0.000942
	0.034500					
z377	-0.020736	-0.032541	-0.003141	0.023780	0.010567	-0.104849
	0.028320	0.123948	0.043780	0.021482	-0.062951	0.034361
	-0.027097	0.019506	-0.003900	0.004216	0.027505	0.023868
	-0.025364	0.063432	-0.019323	-0.071681	0.037849	0.025795
	-0.002132	-0.053991	0.020591	-0.026842	0.009248	-0.003087
	-0.021540					

x378	-0.021447	-0.003073	-0.002003	-0.013995	-0.017715	0.004108
	0.034877	-0.072768	-0.017008	-0.017937	0.049242	-0.056498
	-0.023231	-0.002489	0.009397	0.027549	0.027757	0.031640
	-0.003033	-0.014415	-0.024806	-0.046859	0.000603	0.002825
	0.006744	0.002634	-0.031107	-0.002667	-0.012265	-0.009757
	0.013125					
y378	-0.000133	0.035027	0.032860	-0.010253	-0.037551	0.028968
	0.015995	0.072098	0.007957	-0.007674	-0.023937	0.044067
	-0.011338	0.025431	-0.029590	0.047873	0.026709	0.041792
	0.016249	0.003938	-0.038581	-0.008149	0.005042	0.015143
	-0.006596	-0.000071	0.016245	-0.051763	-0.021279	0.003337
	0.040448					
z378	-0.026043	-0.024577	0.005416	0.026298	0.010226	-0.111575
	0.037160	0.144418	0.059028	0.013619	-0.063876	0.039419
	-0.019788	0.042298	-0.001619	0.015186	0.039423	0.035077
	-0.025922	0.072171	-0.019875	-0.072942	0.017288	0.035465
	0.008212	-0.031890	0.030440	-0.027433	0.023576	0.010518
	0.016641					
x379	-0.015947	0.006258	-0.006152	-0.019342	-0.021521	0.006414
	0.028608	-0.076858	-0.023506	-0.013954	0.042417	-0.050323
	-0.026693	-0.014349	-0.001960	0.027814	0.029308	0.027701
	-0.006234	-0.014579	-0.027174	-0.046186	0.004934	-0.006799
	-0.005029	-0.008859	-0.027135	-0.003319	-0.018072	-0.005422
	0.000780					
y379	-0.000316	0.031956	0.030596	-0.007593	-0.043862	0.041623
	0.010236	0.053479	0.001748	-0.009712	-0.014025	0.034472
	-0.000392	0.022092	-0.036595	0.041203	0.012828	0.031500
	0.022324	0.001362	-0.025367	0.003113	0.013389	0.016041
	-0.004170	0.003145	0.014068	-0.056865	-0.019643	-0.003842
	0.030066					
z379	-0.032322	-0.014487	0.015484	0.030053	0.007530	-0.117136
	0.047572	0.164806	0.076761	0.002337	-0.064191	0.045570
	-0.011094	0.071455	0.001696	0.028667	0.052246	0.047724
	-0.026796	0.080543	-0.019363	-0.069839	-0.007115	0.042112
	0.020732	-0.002405	0.037430	-0.030716	0.035687	0.026241
	0.065977					
x380	-0.012575	0.014267	-0.006364	-0.021921	-0.022133	0.008699
	0.028948	-0.081135	-0.021667	-0.011227	0.036307	-0.045068
	-0.027013	-0.020827	-0.006500	0.032339	0.031075	0.028097
	-0.003239	-0.004965	-0.027746	-0.044057	0.002874	-0.000397
	-0.012870	-0.006586	-0.023707	-0.010341	-0.020237	-0.007965
	0.003530					

y380	0.001139	0.030643	0.028030	-0.008681	-0.045020	0.051260
	0.003255	0.038193	-0.002699	-0.008718	-0.006388	0.025181
	0.003147	0.018859	-0.036392	0.031232	0.006030	0.025289
	0.026825	-0.001014	-0.015749	0.007392	0.019349	0.018714
	-0.006894	0.004444	0.002732	-0.041534	-0.023556	-0.003464
	0.007348					
z380	-0.030811	-0.005296	0.015970	0.021247	-0.000130	-0.109515
	0.044324	0.159797	0.075865	0.005499	-0.057536	0.039151
	-0.005817	0.074002	0.021795	0.023074	0.052653	0.038324
	-0.033792	0.061073	-0.013190	-0.056765	-0.004735	0.030698
	0.000066	0.015555	0.020336	-0.021168	0.033789	0.031748
	0.070273					
x381	-0.008582	0.020089	-0.006612	-0.024575	-0.023091	0.009774
	0.027823	-0.084747	-0.019712	-0.009216	0.030072	-0.039127
	-0.026956	-0.024941	-0.013896	0.034456	0.032969	0.027931
	-0.001100	0.002713	-0.028244	-0.041303	0.002323	0.000580
	-0.018915	-0.003076	-0.020570	-0.013679	-0.018815	-0.010724
	0.007018					
y381	0.002333	0.027761	0.025486	-0.007689	-0.045283	0.059859
	-0.001296	0.025615	-0.007496	-0.010350	0.000622	0.017797
	0.005938	0.015524	-0.035243	0.024960	-0.002368	0.022555
	0.031603	0.003391	-0.008535	0.009484	0.024006	0.025751
	-0.011315	0.004895	-0.003814	-0.032572	-0.029344	-0.000769
	-0.008747					
z381	-0.028345	0.003388	0.016317	0.013014	-0.006950	-0.101200
	0.040759	0.152623	0.073608	0.008440	-0.050737	0.031477
	-0.001119	0.073370	0.039235	0.016356	0.052003	0.029132
	-0.038111	0.042251	-0.007721	-0.044151	-0.003690	0.019398
	-0.015369	0.030298	0.003504	-0.012943	0.030866	0.035180
	0.070312					
x382	-0.003408	0.024171	-0.006209	-0.027047	-0.024466	0.010159
	0.025650	-0.087535	-0.016806	-0.008564	0.023845	-0.033115
	-0.026447	-0.026714	-0.023000	0.035441	0.034125	0.026745
	-0.000724	0.010582	-0.027589	-0.039241	0.003135	0.000068
	-0.025620	0.001846	-0.019200	-0.017112	-0.015826	-0.014706
	0.013016					
y382	0.001809	0.022937	0.021374	-0.005299	-0.043796	0.065626
	-0.005463	0.015555	-0.013745	-0.010338	0.007476	0.014269
	0.009284	0.011642	-0.038531	0.021707	-0.008344	0.021740
	0.038549	0.006517	-0.005912	0.012437	0.032298	0.026536
	-0.006888	-0.000219	0.001025	-0.021470	-0.027548	-0.000168
	-0.027377					

z382	-0.024877	0.011623	0.016092	0.006027	-0.012871	-0.091894
	0.037460	0.142799	0.069395	0.011215	-0.043287	0.024276
	0.003412	0.069625	0.053200	0.010833	0.050068	0.020364
	-0.040132	0.023765	-0.003774	-0.031537	-0.003421	0.010873
	-0.024670	0.039360	-0.009710	-0.008461	0.025790	0.036111
	0.062786					
x383	0.002227	0.025955	-0.006126	-0.029775	-0.025462	0.008789
	0.022405	-0.089474	-0.014956	-0.007819	0.017057	-0.025928
	-0.023654	-0.028712	-0.032415	0.034160	0.036127	0.025851
	0.003502	0.015728	-0.030988	-0.035220	0.004662	-0.007333
	-0.027663	0.003398	-0.015458	-0.020951	-0.012538	-0.016719
	0.015265					
y383	0.002202	0.016623	0.020039	-0.000681	-0.043126	0.069590
	-0.007935	0.008224	-0.015230	-0.015470	0.012122	0.009674
	0.007879	0.012487	-0.044482	0.019758	-0.016010	0.021029
	0.035585	0.016663	0.004767	0.009910	0.040269	0.035169
	-0.008955	0.001488	0.000189	-0.005369	-0.019708	-0.004900
	-0.024930					
z383	-0.020800	0.018746	0.015118	0.000147	-0.017491	-0.079474
	0.032644	0.132304	0.064672	0.012809	-0.035162	0.016593
	0.004421	0.067541	0.061375	0.005417	0.045433	0.013651
	-0.045306	0.012640	0.007317	-0.022314	-0.005011	0.002741
	-0.033459	0.049630	-0.018938	-0.001336	0.025195	0.036191
	0.057244					
x384	0.009193	0.025944	-0.005010	-0.031741	-0.027368	0.007611
	0.018263	-0.091467	-0.012173	-0.008256	0.010001	-0.019794
	-0.021132	-0.029290	-0.045341	0.032571	0.035478	0.024988
	0.006058	0.022618	-0.032897	-0.030591	0.009771	-0.015822
	-0.030703	0.004837	-0.011033	-0.020225	-0.002943	-0.019995
	0.019606					
y384	0.000598	0.008235	0.016605	0.003006	-0.038838	0.068807
	-0.010727	0.006057	-0.017187	-0.020706	0.016764	0.008682
	0.009707	0.015815	-0.049401	0.016521	-0.017946	0.023575
	0.035815	0.025386	0.008852	0.005523	0.043494	0.036879
	-0.004884	0.004968	0.002295	0.001510	-0.017716	-0.004571
	-0.022343					
z384	-0.015998	0.025136	0.013319	-0.004358	-0.020765	-0.066286
	0.028025	0.120023	0.058372	0.013115	-0.026953	0.009637
	0.005177	0.062703	0.066776	0.001170	0.039941	0.008869
	-0.049305	0.001838	0.015754	-0.013935	-0.010068	-0.002350
	-0.036510	0.054057	-0.024845	0.002528	0.021538	0.033818
	0.046714					

x385	0.016259	0.023703	-0.004769	-0.033594	-0.028218	0.006322
	0.010810	-0.092289	-0.009361	-0.009811	0.003126	-0.013506
	-0.019210	-0.028298	-0.057589	0.029988	0.036598	0.025312
	0.009397	0.030781	-0.034276	-0.026943	0.016665	-0.026328
	-0.031603	0.007136	-0.007254	-0.016350	0.004648	-0.021358
	0.021682					
y385	-0.000124	-0.001141	0.015998	0.008362	-0.035969	0.064314
	-0.009127	0.005418	-0.017613	-0.025398	0.019403	0.007922
	0.012148	0.020569	-0.061508	0.013642	-0.023099	0.024935
	0.034539	0.036744	0.011635	0.002237	0.051791	0.034959
	-0.002911	0.009219	0.009007	0.008131	-0.000875	-0.007472
	-0.007503					
z385	-0.009803	0.030876	0.012195	-0.007643	-0.023749	-0.053267
	0.025296	0.105896	0.050365	0.013415	-0.019645	0.002974
	0.005098	0.053804	0.068993	-0.003703	0.031970	0.004664
	-0.050272	-0.008895	0.022009	-0.004733	-0.015417	-0.004724
	-0.034548	0.051701	-0.027319	0.002188	0.018274	0.026595
	0.036877					
x386	0.024059	0.019485	-0.003619	-0.034910	-0.029556	0.004365
	0.003709	-0.091320	-0.006288	-0.012368	-0.002893	-0.007720
	-0.017365	-0.024589	-0.073957	0.025622	0.035177	0.026013
	0.011512	0.040973	-0.035246	-0.023261	0.028762	-0.038061
	-0.032262	0.010158	-0.001740	-0.010562	0.018953	-0.024413
	0.030044					
y386	-0.001385	-0.011853	0.013926	0.013671	-0.030946	0.057729
	-0.011553	0.004300	-0.015949	-0.031031	0.019692	0.008276
	0.014767	0.023253	-0.068999	0.014742	-0.023007	0.029010
	0.035666	0.048708	0.012492	-0.002216	0.054351	0.029377
	0.001869	0.015341	0.013690	0.015959	0.007477	-0.003375
	-0.002682					
z386	-0.002878	0.036288	0.010381	-0.010377	-0.025371	-0.039676
	0.021478	0.089757	0.041438	0.013980	-0.012102	-0.004343
	0.005446	0.041001	0.069922	-0.008499	0.023718	0.001677
	-0.047316	-0.018197	0.025515	0.002591	-0.022153	-0.005461
	-0.026809	0.044824	-0.028177	0.000314	0.011262	0.019513
	0.018438					
x387	0.032311	0.012211	-0.002904	-0.035779	-0.030508	0.001551
	-0.004612	-0.089192	-0.004654	-0.016675	-0.008435	0.000256
	-0.016300	-0.019456	-0.093687	0.021980	0.034006	0.030150
	0.013514	0.053731	-0.039153	-0.017306	0.044598	-0.051494
	-0.029388	0.013474	0.008482	-0.000961	0.036317	-0.025031
	0.036681					

y387	-0.002527	-0.021783	0.013374	0.019698	-0.025844	0.047511
	-0.011777	0.005510	-0.010132	-0.035095	0.015622	0.006922
	0.020096	0.025230	-0.072342	0.012664	-0.023113	0.028283
	0.036683	0.055572	0.014898	-0.010728	0.055305	0.022938
	0.001148	0.018408	0.013546	0.017492	0.015557	-0.005059
	0.018177					
z387	0.005222	0.041656	0.009256	-0.012312	-0.026736	-0.026643
	0.018910	0.071648	0.031578	0.015646	-0.006457	-0.012346
	0.006312	0.022536	0.072145	-0.015228	0.013786	-0.001887
	-0.039923	-0.029512	0.025639	0.009446	-0.029841	-0.002669
	-0.014961	0.029758	-0.029403	-0.006720	0.000989	0.007010
	0.000245					
x388	0.041537	0.001817	-0.001386	-0.035520	-0.032031	-0.002880
	-0.012968	-0.084551	-0.001718	-0.021895	-0.016541	0.008308
	-0.014161	-0.012858	-0.114486	0.017033	0.029655	0.035336
	0.014271	0.065705	-0.044191	-0.012512	0.063349	-0.064965
	-0.026863	0.015100	0.019202	0.007909	0.056124	-0.028789
	0.054056					
y388	-0.004136	-0.031188	0.011627	0.024496	-0.019037	0.034516
	-0.009858	0.006649	-0.006957	-0.039943	0.013292	0.010964
	0.026080	0.025958	-0.077102	0.011776	-0.014880	0.026809
	0.038075	0.059853	0.012129	-0.015352	0.052499	0.010726
	0.007059	0.019341	0.019542	0.018299	0.023125	-0.003952
	0.029059					
z388	0.014066	0.046681	0.007060	-0.013735	-0.027419	-0.011691
	0.016370	0.050400	0.019018	0.017192	-0.000752	-0.018943
	0.006000	0.001760	0.071337	-0.021063	0.003645	-0.003917
	-0.032960	-0.040284	0.025070	0.016967	-0.039096	0.000313
	0.002090	0.011636	-0.026872	-0.012479	-0.010724	-0.006007
	-0.025370					
x389	0.047047	-0.009343	-0.006393	-0.027899	-0.020682	-0.007015
	-0.025579	-0.067940	-0.002004	-0.011258	-0.012794	0.016990
	-0.031048	-0.003557	-0.096545	0.009153	0.031264	0.038256
	0.023064	0.038495	-0.037087	-0.009395	0.039187	-0.048957
	-0.025100	0.009336	0.011035	0.006966	0.040821	-0.027960
	0.024407					
y389	-0.007571	-0.039222	0.007556	0.027326	-0.004770	0.022127
	-0.011912	0.018778	-0.002804	-0.031122	0.014600	0.006467
	0.024623	0.023644	-0.045497	0.009541	0.001707	0.018855
	0.039519	0.042497	0.011559	-0.025031	0.034146	0.017857
	0.008469	0.020476	0.013366	0.009097	0.004342	-0.011589
	0.027119					

z389	0.024395	0.042529	0.005187	-0.012600	-0.031373	-0.001609
	0.005316	0.034115	0.009848	0.011517	0.002327	-0.011182
	0.005100	0.002594	0.043479	-0.025569	-0.003072	-0.000364
	-0.035268	-0.018934	0.025811	0.003665	-0.030454	-0.016230
	0.016547	0.024601	-0.036668	-0.030299	0.012559	-0.017314
	-0.007741					
x390	0.049820	-0.019322	-0.011710	-0.020909	-0.012159	-0.010939
	-0.035460	-0.050320	-0.000975	-0.002799	-0.010463	0.023237
	-0.043463	0.003406	-0.075208	0.003828	0.033072	0.039681
	0.027471	0.014938	-0.029468	-0.008097	0.018309	-0.032546
	-0.021859	0.005862	0.001392	0.003177	0.022408	-0.026512
	0.004541					
y390	-0.008909	-0.041984	0.008249	0.027205	0.008356	0.011669
	-0.006758	0.022591	0.001626	-0.022837	0.013540	0.005177
	0.026016	0.018962	-0.029047	0.003067	0.010899	0.014052
	0.039022	0.027744	0.005761	-0.025264	0.024466	0.018566
	0.001319	0.012246	0.016170	0.003157	-0.000434	-0.014127
	0.024637					
z390	0.033706	0.039037	0.004628	-0.011994	-0.033790	0.006950
	-0.002306	0.018621	0.001590	0.006111	0.004638	-0.004053
	0.003653	0.003044	0.016541	-0.030063	-0.013154	0.003644
	-0.037595	-0.002295	0.023478	-0.003610	-0.018915	-0.028977
	0.023146	0.033117	-0.039827	-0.041310	0.036275	-0.022686
	0.008039					
x391	0.050269	-0.027518	-0.015955	-0.014798	-0.005458	-0.013644
	-0.041354	-0.034503	0.001879	0.004179	-0.009793	0.029190
	-0.050630	0.008396	-0.054676	-0.000843	0.033467	0.040205
	0.027312	-0.002520	-0.023691	-0.007024	0.002082	-0.018004
	-0.020225	0.001365	-0.007876	-0.000355	0.005464	-0.020136
	-0.005825					
y391	-0.009133	-0.040176	0.010690	0.022798	0.018409	0.003511
	-0.000708	0.023730	0.004890	-0.015626	0.013264	0.000860
	0.022803	0.011771	-0.019732	-0.001463	0.010804	0.011934
	0.036739	0.009986	0.003891	-0.021487	0.021160	0.020615
	-0.006083	0.010176	0.025240	-0.000558	0.002991	-0.018156
	0.014536					
z391	0.041136	0.035402	0.004417	-0.011518	-0.034105	0.014030
	-0.008168	0.005456	-0.005180	0.002305	0.006528	0.000538
	0.001036	0.003364	-0.004321	-0.032874	-0.022129	0.006078
	-0.039659	0.009451	0.019048	-0.006885	-0.006507	-0.038847
	0.024169	0.040160	-0.039254	-0.046160	0.055875	-0.023129
	0.019386					

x392	0.048160	-0.032498	-0.018667	-0.010354	-0.000674	-0.015224
	-0.042609	-0.021289	0.007469	0.008284	-0.010184	0.030853
	-0.054421	0.011157	-0.034904	-0.006443	0.030672	0.040391
	0.022666	-0.017698	-0.019857	-0.003968	-0.004604	-0.003626
	-0.019610	0.000965	-0.011572	-0.004194	-0.006626	-0.009391
	-0.013194					
y392	-0.008424	-0.035700	0.013788	0.018156	0.025211	-0.005117
	0.006341	0.023550	0.005540	-0.004467	0.015985	-0.001200
	0.022783	0.001771	-0.013448	-0.001979	0.008970	0.009568
	0.036798	0.001713	0.005385	-0.017617	0.014133	0.014772
	-0.010761	-0.000688	0.019617	0.002053	0.003055	-0.022149
	0.009400					
z392	0.046659	0.031521	0.003610	-0.010621	-0.033304	0.019615
	-0.014050	-0.004073	-0.010019	-0.000438	0.008868	0.003828
	-0.001693	0.003502	-0.018315	-0.034193	-0.029869	0.007136
	-0.040585	0.017353	0.011941	-0.010652	0.004641	-0.044069
	0.023325	0.044886	-0.037681	-0.045002	0.067335	-0.018123
	0.027819					
x393	0.044505	-0.034696	-0.019586	-0.008413	0.002787	-0.015063
	-0.040608	-0.010657	0.014267	0.012324	-0.011012	0.031070
	-0.056360	0.010550	-0.017254	-0.010065	0.020990	0.039548
	0.015547	-0.027555	-0.018609	-0.002044	-0.003611	0.008991
	-0.021593	-0.000464	-0.016274	-0.004725	-0.015704	0.005330
	-0.020436					
y393	-0.006292	-0.029712	0.016151	0.011228	0.027577	-0.011259
	0.009784	0.024137	0.008629	0.002287	0.016168	-0.000057
	0.024589	-0.010118	-0.006941	-0.006161	0.008007	0.008521
	0.031945	-0.008018	0.005766	-0.019251	0.006109	0.015477
	-0.003879	-0.011088	0.021134	0.001487	-0.002736	-0.025510
	0.010933					
z393	0.049895	0.027171	0.002153	-0.009280	-0.029912	0.023315
	-0.016829	-0.009410	-0.012684	-0.002112	0.010396	0.004096
	-0.001693	0.005294	-0.024161	-0.032616	-0.031241	0.007378
	-0.041892	0.021094	0.005319	-0.010779	0.015104	-0.046730
	0.017465	0.046561	-0.036299	-0.042088	0.070121	-0.010167
	0.037166					
x394	0.038005	-0.033056	-0.019448	-0.008051	0.004003	-0.013906
	-0.033402	-0.002682	0.023559	0.014386	-0.011832	0.027342
	-0.052254	0.007924	0.000086	-0.013648	0.009518	0.037921
	0.004807	-0.031815	-0.018388	0.000357	0.004966	0.020059
	-0.023110	-0.000697	-0.018201	-0.004578	-0.022287	0.023984
	-0.021019					

y394	-0.003343	-0.022124	0.019837	0.005161	0.026687	-0.018532
	0.017878	0.023522	0.011281	0.009654	0.018972	0.001841
	0.024794	-0.020394	-0.006942	-0.007510	0.005883	0.010452
	0.024749	-0.017057	0.013399	-0.011598	-0.000556	0.006731
	-0.003172	-0.023216	0.014989	-0.002152	-0.000322	-0.031500
	0.012479					
z394	0.052037	0.022503	0.000471	-0.008091	-0.025160	0.025522
	-0.019175	-0.010710	-0.012857	-0.003134	0.012395	0.005263
	-0.004286	0.007583	-0.024160	-0.030603	-0.034941	0.006377
	-0.043293	0.018680	-0.005354	-0.012269	0.025434	-0.042872
	0.009377	0.046092	-0.032231	-0.034571	0.065985	0.001958
	0.042709					
x395	0.030047	-0.027706	-0.018009	-0.009717	0.003058	-0.011353
	-0.022933	0.002903	0.035297	0.014802	-0.013371	0.022230
	-0.045593	0.001944	0.016085	-0.016735	-0.007512	0.035366
	-0.010038	-0.031522	-0.020581	0.001189	0.020565	0.030983
	-0.024195	-0.001639	-0.018861	-0.002651	-0.025343	0.045257
	-0.019001					
y395	-0.000826	-0.016370	0.023719	-0.004455	0.023693	-0.023038
	0.024606	0.022714	0.014173	0.016310	0.022587	0.003337
	0.025441	-0.034290	-0.008039	-0.007683	0.004013	0.010761
	0.018733	-0.021112	0.019393	-0.003730	-0.000937	-0.001349
	-0.005352	-0.030921	0.007181	-0.003305	-0.000731	-0.032104
	0.011878					
z395	0.052651	0.018834	-0.002023	-0.007122	-0.018758	0.025464
	-0.018808	-0.008212	-0.010809	-0.003208	0.014944	0.003851
	-0.004708	0.009945	-0.016351	-0.027216	-0.034843	0.005535
	-0.043824	0.012770	-0.016505	-0.011565	0.037921	-0.035840
	-0.002482	0.043510	-0.026148	-0.024392	0.053729	0.017963
	0.048758					
x396	0.019848	-0.019170	-0.015552	-0.013854	0.000206	-0.007690
	-0.008126	0.006564	0.049575	0.013860	-0.014949	0.015046
	-0.035440	-0.007052	0.031552	-0.019878	-0.028994	0.032170
	-0.029588	-0.026947	-0.024356	0.001208	0.043515	0.041218
	-0.026109	-0.003213	-0.016547	0.000210	-0.025020	0.071369
	-0.013013					
y396	0.003309	-0.013262	0.028446	-0.010145	0.018305	-0.026099
	0.028262	0.023595	0.011758	0.021243	0.021357	0.010801
	0.023667	-0.045581	-0.016158	-0.003660	0.006193	0.016488
	0.011955	-0.026122	0.031734	0.007729	-0.008857	-0.007567
	-0.009362	-0.032904	-0.000480	-0.006016	-0.009145	-0.036120
	0.021585					

z396	0.051764	0.015726	-0.005244	-0.006042	-0.010871	0.023145
	-0.015521	-0.001865	-0.005864	-0.002890	0.018918	0.002414
	-0.003596	0.013786	-0.001244	-0.022347	-0.033920	0.004570
	-0.043101	0.003608	-0.030389	-0.011304	0.051633	-0.023372
	-0.016875	0.037123	-0.017324	-0.010819	0.035777	0.033622
	0.052957					
x397	0.006848	-0.007580	-0.012072	-0.019210	-0.004697	-0.003231
	0.010969	0.007683	0.065559	0.011365	-0.017531	0.005372
	-0.020451	-0.019803	0.046788	-0.022492	-0.052854	0.029186
	-0.052626	-0.017472	-0.027664	0.001658	0.073505	0.048320
	-0.028852	-0.002645	-0.012531	0.003740	-0.022806	0.100696
	0.000787					
y397	0.008668	-0.013427	0.034149	-0.013086	0.015568	-0.030026
	0.030426	0.023597	0.005130	0.020598	0.018105	0.013201
	0.023015	-0.054786	-0.023591	-0.001510	0.007239	0.021186
	0.001169	-0.030538	0.041751	0.022466	-0.015025	-0.009495
	-0.007613	-0.027247	-0.010726	-0.017023	-0.009869	-0.034067
	0.017391					
z397	0.049616	0.012853	-0.008376	-0.005397	-0.001118	0.019736
	-0.011048	0.008100	0.001692	-0.000931	0.023581	0.000055
	-0.004141	0.018337	0.020655	-0.015839	-0.032582	0.002477
	-0.041579	-0.010640	-0.046759	-0.010215	0.065616	-0.004676
	-0.033641	0.027523	-0.003642	0.008099	0.013108	0.054046
	0.051173					
x398	-0.003169	-0.009127	-0.006145	-0.014900	-0.013876	-0.009407
	0.018119	0.005361	0.055230	0.006780	-0.011482	0.000110
	-0.017689	-0.020489	0.025490	-0.014598	-0.050821	0.019965
	-0.042268	-0.012416	-0.015997	0.008024	0.058432	0.032918
	-0.021381	-0.007593	-0.004615	-0.004438	-0.007910	0.072426
	0.000024					
y398	0.013580	-0.014010	0.036566	-0.014699	0.009451	-0.026126
	0.027098	0.027814	-0.002809	0.017191	0.009881	0.021302
	0.023669	-0.048562	-0.027347	-0.000632	0.014314	0.023992
	-0.004102	-0.029660	0.046810	0.017707	-0.025355	-0.007788
	-0.000411	-0.021159	-0.019615	-0.022691	-0.008807	-0.041053
	0.017323					
z398	0.041710	0.009003	-0.008576	-0.006870	0.011687	0.014944
	-0.006854	0.011696	0.002446	0.001972	0.023735	-0.003850
	-0.010131	0.006486	0.023262	-0.028412	-0.027539	0.006934
	-0.033752	-0.026563	-0.030000	0.000521	0.052087	0.001509
	-0.022110	0.026391	-0.005786	0.009244	-0.003886	0.055470
	0.053377					

x399	-0.011523	-0.010557	-0.000713	-0.011561	-0.020686	-0.013933
	0.023621	0.002528	0.047204	0.002888	-0.006608	-0.005227
	-0.014789	-0.019646	0.006853	-0.007981	-0.047111	0.012570
	-0.032615	-0.007255	-0.007879	0.012932	0.046735	0.017794
	-0.014315	-0.010282	0.000670	-0.009067	0.003691	0.046699
	-0.001634					
y399	0.019303	-0.013002	0.038653	-0.012950	0.003300	-0.019642
	0.027863	0.030760	-0.008755	0.012849	0.001278	0.029204
	0.020408	-0.038450	-0.018915	0.000368	0.014060	0.025764
	-0.014077	-0.023601	0.048249	0.007382	-0.026008	-0.011539
	-0.000401	-0.020100	-0.031907	-0.026911	-0.006660	-0.037137
	0.023617					
z399	0.034182	0.005582	-0.008800	-0.008022	0.020938	0.011501
	-0.003009	0.014926	0.001972	0.005285	0.023291	-0.006692
	-0.015500	-0.002292	0.025832	-0.038107	-0.024102	0.010782
	-0.025449	-0.040921	-0.014577	0.010016	0.037419	0.009752
	-0.013572	0.024799	-0.007212	0.006800	-0.016954	0.057671
	0.057038					
x400	-0.018102	-0.011401	0.004212	-0.009078	-0.026034	-0.016874
	0.026125	-0.000410	0.040885	-0.000772	-0.003851	-0.010025
	-0.012444	-0.018459	-0.009993	-0.003704	-0.043841	0.008135
	-0.024877	-0.001730	-0.003913	0.017016	0.036453	0.004722
	-0.008650	-0.009735	0.005359	-0.012300	0.012119	0.025947
	-0.002609					
y400	0.021773	-0.012189	0.038253	-0.008195	-0.001864	-0.009483
	0.028191	0.029197	-0.013413	0.011688	0.000481	0.035947
	0.015170	-0.031023	-0.011846	0.006181	0.012009	0.023602
	-0.019018	-0.026925	0.043456	-0.000944	-0.012331	-0.008407
	0.004352	-0.017595	-0.023058	-0.021055	-0.000128	-0.025525
	0.018361					
z400	0.026876	0.002450	-0.009120	-0.007857	0.027605	0.008661
	0.002021	0.016733	0.001089	0.006515	0.022367	-0.008645
	-0.018953	-0.007401	0.027251	-0.044968	-0.020802	0.014126
	-0.016681	-0.051255	-0.002176	0.019686	0.024688	0.016232
	-0.007897	0.019697	-0.007533	0.003777	-0.024387	0.059875
	0.055289					
x401	-0.022847	-0.012281	0.007925	-0.007680	-0.028193	-0.017633
	0.025877	-0.003801	0.036244	-0.002690	-0.002928	-0.013714
	-0.009864	-0.015700	-0.022039	-0.002535	-0.039636	0.006334
	-0.018946	0.003297	-0.002792	0.018896	0.026868	-0.005948
	-0.003113	-0.005703	0.008303	-0.014743	0.016204	0.009798
	-0.005071					

y401	0.020956	-0.010438	0.037001	-0.001724	-0.008505	0.001346
	0.026762	0.029817	-0.016793	0.010222	0.003171	0.042359
	0.008097	-0.027945	0.000565	0.018105	0.008724	0.016506
	-0.023914	-0.030975	0.034436	-0.011767	0.001814	-0.013422
	0.007169	-0.021040	-0.015306	-0.015031	0.010161	-0.024625
	0.009685					
z401	0.019751	-0.000585	-0.009507	-0.006876	0.031179	0.005923
	0.007751	0.017682	0.000470	0.005803	0.021026	-0.010050
	-0.020047	-0.009931	0.027166	-0.048839	-0.017597	0.016186
	-0.008174	-0.056253	0.007546	0.027800	0.014423	0.019797
	-0.006072	0.011936	-0.008361	-0.000138	-0.028527	0.060357
	0.050874					
x402	-0.026080	-0.012963	0.010498	-0.007564	-0.027869	-0.015914
	0.023322	-0.006718	0.032352	-0.003326	-0.003426	-0.016769
	-0.008232	-0.011296	-0.029313	-0.002260	-0.034051	0.007144
	-0.014732	0.006724	-0.004520	0.019477	0.018760	-0.014049
	0.002277	0.001009	0.009588	-0.016564	0.016440	-0.002018
	-0.009597					
y402	0.021359	-0.010674	0.034730	0.004526	-0.012114	0.011657
	0.022006	0.026465	-0.015688	0.004844	0.002982	0.041726
	0.007675	-0.017322	0.008590	0.015537	0.005555	0.018978
	-0.019167	-0.026201	0.022921	-0.020495	0.004409	-0.015868
	0.005147	-0.014722	-0.020655	-0.008368	0.014846	-0.012813
	0.005722					
z402	0.012026	-0.002906	-0.009925	-0.005364	0.031194	0.003752
	0.013649	0.017994	-0.000637	0.005690	0.019810	-0.009297
	-0.020088	-0.012303	0.026793	-0.046919	-0.014785	0.014239
	-0.001737	-0.057930	0.016178	0.034117	0.007314	0.021353
	-0.007589	0.000212	-0.004972	-0.005159	-0.026906	0.056843
	0.045184					
x403	-0.027414	-0.013454	0.011966	-0.008482	-0.025944	-0.011802
	0.017691	-0.009054	0.029817	-0.002114	-0.004967	-0.017940
	-0.007757	-0.006657	-0.032294	-0.004571	-0.028338	0.010320
	-0.010650	0.008321	-0.009845	0.017319	0.012179	-0.020580
	0.005572	0.012106	0.008803	-0.014167	0.013375	-0.008325
	-0.015264					
y403	0.019919	-0.011446	0.032083	0.009734	-0.013394	0.023657
	0.014282	0.021236	-0.013532	-0.003492	-0.000175	0.037790
	0.009073	-0.001297	0.014730	0.012024	0.002220	0.018622
	-0.016527	-0.016890	0.007860	-0.027684	0.004483	-0.009558
	0.010292	-0.012460	-0.016041	-0.008255	0.017105	0.000591
	-0.004438					

z403	0.003904	-0.004590	-0.010259	-0.003117	0.028013	0.001666
	0.020609	0.017122	-0.001990	0.005128	0.018500	-0.008566
	-0.017529	-0.012584	0.025967	-0.041354	-0.010742	0.010359
	0.004160	-0.055345	0.023710	0.040686	0.002434	0.020635
	-0.012776	-0.013943	-0.000751	-0.011658	-0.019924	0.051788
	0.037938					
x404	-0.026767	-0.013590	0.012724	-0.009995	-0.021833	-0.004751
	0.010086	-0.011922	0.028997	-0.000313	-0.007712	-0.019710
	-0.007325	-0.000043	-0.032365	-0.007262	-0.020780	0.017087
	-0.007883	0.010255	-0.020745	0.015391	0.007180	-0.024645
	0.008998	0.024631	0.002520	-0.010659	0.004212	-0.010313
	-0.022861					
y404	0.015369	-0.011435	0.028036	0.013182	-0.012788	0.035012
	0.005719	0.016985	-0.013167	-0.004596	-0.001632	0.036031
	0.008134	0.009201	0.023167	0.011344	0.000018	0.014820
	-0.010722	-0.013564	0.008219	-0.032690	0.004145	-0.007393
	0.005842	-0.007226	-0.001450	-0.007719	0.028202	0.012013
	-0.001423					
z404	-0.003708	-0.006132	-0.010343	-0.000592	0.021614	-0.000127
	0.027590	0.014975	-0.003633	0.002863	0.016190	-0.006738
	-0.013441	-0.009960	0.023758	-0.033446	-0.008102	0.005233
	0.010445	-0.048328	0.027636	0.045781	-0.001988	0.019671
	-0.021177	-0.030874	0.002879	-0.018644	-0.010203	0.047301
	0.027548					
x405	-0.023537	-0.013611	0.012861	-0.012566	-0.015564	0.004661
	0.000405	-0.015947	0.031109	0.001402	-0.012526	-0.021901
	-0.007880	0.007385	-0.028238	-0.013058	-0.013765	0.027550
	-0.004578	0.011092	-0.033879	0.010452	0.003626	-0.026553
	0.011506	0.040692	-0.003481	-0.005661	-0.008859	-0.005105
	-0.033015					
y405	0.007940	-0.010937	0.023387	0.018116	-0.010772	0.045755
	-0.003815	0.014913	-0.014437	-0.005864	-0.000673	0.035981
	0.008838	0.018112	0.028251	0.013183	0.000767	0.010448
	-0.010531	-0.009616	-0.000123	-0.030207	0.004834	-0.005505
	-0.001360	-0.005408	0.010718	-0.004322	0.039811	0.019728
	0.003534					
z405	-0.011359	-0.007336	-0.010494	0.002856	0.011964	-0.001270
	0.035292	0.011346	-0.005019	-0.000942	0.013781	-0.004050
	-0.007528	-0.004738	0.020323	-0.022050	-0.005951	-0.001286
	0.016178	-0.036662	0.029457	0.049493	-0.003749	0.015946
	-0.033042	-0.051019	0.007512	-0.027155	0.004033	0.041640
	0.016111					

x406	-0.018695	-0.013171	0.012308	-0.014656	-0.006746	0.017334
	-0.012387	-0.021086	0.034778	0.005655	-0.019463	-0.023074
	-0.008162	0.015162	-0.018921	-0.019218	-0.006268	0.038589
	-0.003630	0.010868	-0.049684	0.003235	0.001832	-0.026998
	0.015480	0.060688	-0.006622	0.000261	-0.022772	0.004472
	-0.041916					
y406	0.001020	-0.011336	0.018369	0.019306	-0.007659	0.053444
	-0.013759	0.014685	-0.012842	-0.011939	0.001697	0.031769
	0.006961	0.028495	0.030562	0.006960	0.003413	0.014830
	-0.004587	-0.001555	-0.015550	-0.024395	0.003311	0.000437
	-0.015370	-0.006171	0.007861	0.004046	0.035849	0.035478
	0.003820					
z406	-0.019353	-0.007962	-0.010630	0.007684	-0.000325	-0.001045
	0.042805	0.006364	-0.006800	-0.004614	0.011520	-0.000119
	0.000245	0.002245	0.016005	-0.006110	-0.004593	-0.010920
	0.020818	-0.020756	0.030099	0.051124	-0.003164	0.009219
	-0.047791	-0.073388	0.015672	-0.037150	0.024590	0.034059
	0.003771					
x407	-0.014083	-0.010749	0.012849	-0.018507	-0.000957	0.020221
	-0.020001	-0.015163	0.028538	0.009535	-0.020155	-0.012638
	-0.007078	0.004437	-0.017885	-0.015786	0.004496	0.046503
	-0.000059	0.011111	-0.033556	0.018567	0.004727	-0.027598
	0.031858	0.049185	-0.006182	0.004649	-0.017878	0.014705
	-0.039631					
y407	-0.006388	-0.011391	0.013987	0.019908	-0.007821	0.056213
	-0.022438	0.018379	-0.014322	-0.015618	0.006077	0.029970
	0.002238	0.028505	0.020196	0.005406	0.007164	0.015755
	0.000891	0.008242	-0.015624	-0.012648	-0.001815	0.003580
	-0.019623	-0.005667	0.001456	0.016938	0.042693	0.037765
	0.014451					
z407	-0.025774	-0.012311	-0.006363	0.004881	-0.006583	0.010682
	0.034877	0.000878	-0.001716	-0.008697	0.007917	-0.000686
	0.001342	0.010474	0.004989	-0.004794	-0.003180	-0.003555
	0.017183	-0.014059	0.009885	0.044941	-0.008390	-0.022609
	-0.048223	-0.063376	0.011154	-0.025741	0.014128	0.048035
	0.005320					
x408	-0.009903	-0.007697	0.012433	-0.021125	0.003019	0.022798
	-0.025373	-0.010200	0.022485	0.012143	-0.019822	-0.002558
	-0.004004	-0.003797	-0.014779	-0.012331	0.012417	0.052083
	0.004976	0.014643	-0.018262	0.029027	0.007204	-0.025285
	0.046352	0.037782	-0.005871	0.009849	-0.014089	0.020119
	-0.029531					

y408	-0.012359	-0.012527	0.010322	0.018791	-0.004810	0.053536
	-0.030731	0.022618	-0.013567	-0.019014	0.007279	0.022213
	-0.003132	0.027826	0.007923	0.003019	0.019690	0.015309
	0.003167	0.008643	-0.014401	0.001104	-0.004050	0.004574
	-0.024321	-0.003371	-0.005575	0.032553	0.038239	0.037767
	0.008534					
z408	-0.030915	-0.015973	-0.002686	0.002436	-0.011405	0.020339
	0.027450	-0.004015	0.002797	-0.011076	0.004615	-0.000758
	0.003154	0.016679	-0.003136	-0.004267	-0.001763	0.003890
	0.013880	-0.007463	-0.003507	0.038900	-0.011234	-0.047580
	-0.045710	-0.053809	0.007759	-0.015553	0.007023	0.054757
	0.012024					
x409	-0.005128	-0.004633	0.011335	-0.023040	0.007150	0.024162
	-0.028374	-0.005899	0.018669	0.012264	-0.020288	0.003710
	-0.000992	-0.006960	-0.011301	-0.011756	0.019994	0.055962
	0.007875	0.017580	-0.004858	0.037394	0.007644	-0.020588
	0.056468	0.028764	-0.003353	0.016077	-0.009886	0.025017
	-0.019499					
y409	-0.019159	-0.012876	0.007218	0.018446	-0.003247	0.050114
	-0.035762	0.025163	-0.016076	-0.018431	0.012541	0.016331
	-0.006144	0.020422	0.002470	0.004128	0.025784	0.011083
	0.006888	0.008481	-0.011860	0.011367	0.002599	0.006399
	-0.030232	-0.005587	-0.018282	0.039090	0.021564	0.029804
	0.002311					
z409	-0.034478	-0.018829	0.000434	-0.000089	-0.014065	0.028525
	0.019759	-0.007932	0.007559	-0.013083	0.000553	-0.002317
	0.004655	0.022501	-0.009988	-0.006600	0.001239	0.011991
	0.010485	0.000132	-0.009684	0.034730	-0.011881	-0.066435
	-0.043239	-0.044365	0.004263	-0.004898	0.001207	0.057835
	0.017336					
x410	-0.001048	-0.002058	0.010259	-0.023514	0.010748	0.024897
	-0.029154	-0.002704	0.015291	0.011541	-0.020897	0.006837
	0.002922	-0.006360	-0.006660	-0.008651	0.026933	0.054657
	0.010100	0.020058	0.005826	0.043839	0.008120	-0.010060
	0.061318	0.019620	-0.006150	0.021984	-0.012604	0.026733
	-0.012592					
y410	-0.023308	-0.010618	0.003337	0.016333	-0.001691	0.044084
	-0.037662	0.028610	-0.017260	-0.018607	0.018397	0.011622
	-0.009202	0.012705	-0.003711	-0.000993	0.028994	0.013183
	0.008150	0.007151	-0.002500	0.016552	0.008739	0.000525
	-0.030712	-0.004180	-0.012597	0.047153	0.019443	0.021410
	0.009641					

z410	-0.037123	-0.022125	0.003782	-0.001601	-0.015401	0.034596
	0.012834	-0.011238	0.011714	-0.014022	-0.005038	-0.004996
	0.007525	0.027414	-0.015753	-0.007487	0.006169	0.017758
	0.005407	0.005311	-0.012988	0.034035	-0.011791	-0.074229
	-0.040526	-0.035946	-0.000329	0.003820	-0.006998	0.056726
	0.021244					
x411	0.002782	0.001391	0.008409	-0.023734	0.013402	0.025008
	-0.027131	0.000452	0.013350	0.010733	-0.020165	0.008514
	0.007267	-0.003295	-0.000281	-0.008567	0.033070	0.050796
	0.012050	0.022159	0.015283	0.046060	0.009977	0.001656
	0.062324	0.011101	-0.005214	0.030234	-0.013723	0.024041
	-0.003514					
y411	-0.026496	-0.010237	-0.000831	0.015566	0.002306	0.035238
	-0.039180	0.029898	-0.019875	-0.022700	0.022764	0.004188
	-0.010725	0.004748	-0.008544	-0.001569	0.029201	0.013257
	0.007404	0.005507	0.004216	0.021761	0.013542	-0.003685
	-0.028703	-0.002010	-0.017005	0.043198	0.008485	0.014586
	0.011681					
z411	-0.038510	-0.024390	0.006383	-0.003660	-0.015439	0.038548
	0.006577	-0.012794	0.016171	-0.012734	-0.010632	-0.007329
	0.010513	0.030316	-0.019391	-0.010990	0.012550	0.023817
	0.000557	0.009209	-0.009361	0.033749	-0.007948	-0.077154
	-0.037622	-0.029479	-0.002186	0.011481	-0.011975	0.048622
	0.027693					
x412	0.006459	0.005593	0.005858	-0.023410	0.015980	0.024229
	-0.022889	0.003289	0.012683	0.007056	-0.018981	0.007124
	0.011394	0.001976	0.007591	-0.009990	0.038070	0.043904
	0.012639	0.022556	0.024075	0.046414	0.013962	0.016503
	0.061129	0.003770	-0.002620	0.038581	-0.018443	0.018586
	0.007123					
y412	-0.028493	-0.011060	-0.003933	0.014876	0.004608	0.023507
	-0.038288	0.030691	-0.022952	-0.019948	0.025911	-0.003436
	-0.011022	-0.000050	-0.012541	-0.000802	0.026350	0.013845
	0.008328	0.003932	0.013435	0.020033	0.009707	-0.005597
	-0.031604	0.004283	-0.028473	0.031410	0.001421	0.000306
	0.017139					
z412	-0.038288	-0.025831	0.008370	-0.006213	-0.013571	0.040442
	0.000772	-0.013693	0.019972	-0.010614	-0.016812	-0.010237
	0.014081	0.030910	-0.020485	-0.015077	0.019990	0.029794
	-0.004676	0.012256	0.000280	0.036318	-0.001178	-0.073915
	-0.031652	-0.024813	-0.001602	0.018061	-0.015883	0.035075
	0.035490					

x413	0.010156	0.010033	0.002331	-0.022901	0.017460	0.022038
	-0.016161	0.006093	0.012580	0.001857	-0.017395	0.002696
	0.016210	0.011373	0.016678	-0.012299	0.041590	0.033351
	0.013094	0.023057	0.033232	0.043642	0.019031	0.035302
	0.056297	-0.004390	0.001466	0.045440	-0.024394	0.008389
	0.017078					
y413	-0.030940	-0.011372	-0.006748	0.016832	0.010797	0.009835
	-0.034977	0.027840	-0.026364	-0.017661	0.028516	-0.010692
	-0.010026	-0.009064	-0.013674	0.003504	0.023615	0.019013
	0.005792	-0.002089	0.015630	0.018076	0.006957	-0.014025
	-0.035296	0.010109	-0.042201	0.027081	-0.008346	-0.010784
	0.020719					
z413	-0.036384	-0.026742	0.009761	-0.009198	-0.010142	0.040422
	-0.004246	-0.013354	0.023691	-0.007191	-0.023014	-0.013977
	0.018545	0.029943	-0.019002	-0.021439	0.028799	0.035688
	-0.010459	0.015002	0.016702	0.039483	0.008520	-0.062665
	-0.024554	-0.021849	-0.000317	0.024019	-0.018020	0.013188
	0.045669					
x414	0.014030	0.014544	-0.001434	-0.021446	0.018911	0.018029
	-0.006908	0.008523	0.013202	-0.004625	-0.015703	-0.004529
	0.021158	0.023230	0.027114	-0.014657	0.044665	0.019047
	0.011502	0.020570	0.041709	0.038179	0.024130	0.056840
	0.046279	-0.010498	0.004730	0.051854	-0.033237	-0.004670
	0.029638					
y414	-0.033636	-0.011264	-0.011669	0.018905	0.015392	-0.001532
	-0.031532	0.022499	-0.028890	-0.015762	0.033837	-0.019478
	-0.008349	-0.015989	-0.013466	0.003688	0.014795	0.030465
	0.005991	-0.004812	0.017644	0.012358	0.005183	-0.016993
	-0.032241	0.013825	-0.046901	0.022456	-0.019070	-0.025622
	0.019270					
z414	-0.033112	-0.026918	0.011280	-0.011586	-0.004838	0.037688
	-0.008844	-0.012397	0.026131	-0.002188	-0.030481	-0.018535
	0.024787	0.026528	-0.014589	-0.029242	0.039664	0.039974
	-0.017209	0.015791	0.038358	0.044802	0.020859	-0.042550
	-0.016595	-0.019138	0.001327	0.028357	-0.019579	-0.013897
	0.055090					
x415	0.017828	0.019320	-0.005676	-0.018851	0.019540	0.012381
	0.004143	0.009509	0.014269	-0.013168	-0.013301	-0.015449
	0.026404	0.036902	0.038454	-0.017417	0.046916	0.002495
	0.009171	0.015119	0.049134	0.028412	0.031628	0.079018
	0.033228	-0.015740	0.010578	0.056752	-0.043750	-0.018692
	0.040695					

y415	-0.035327	-0.010339	-0.017153	0.020724	0.021504	-0.010694
	-0.023697	0.020634	-0.028547	-0.010184	0.037807	-0.026638
	-0.007214	-0.011421	-0.009800	0.001781	0.007374	0.043475
	0.003481	0.001797	0.026718	0.009550	-0.003474	-0.008630
	-0.031049	0.018081	-0.065382	0.025680	-0.028668	-0.044143
	0.035184					
z415	-0.028493	-0.026650	0.012977	-0.014028	0.001939	0.032040
	-0.013047	-0.010904	0.027828	0.003584	-0.038322	-0.022629
	0.031184	0.019664	-0.008492	-0.037247	0.051824	0.044462
	-0.024102	0.014781	0.066166	0.049826	0.036989	-0.017301
	-0.007275	-0.016318	0.005702	0.028437	-0.021195	-0.045751
	0.063696					
x416	0.023110	0.027151	-0.004735	-0.014401	0.009928	0.005206
	0.008744	0.006571	0.007101	-0.016743	0.007962	-0.006886
	0.011423	0.028375	0.036414	-0.008576	0.028898	-0.024533
	0.020464	0.013219	0.027597	0.013899	0.033687	0.066853
	0.022407	-0.009399	0.003913	0.041065	-0.015460	0.001577
	0.016130					
y416	-0.039243	-0.003516	-0.024644	0.024619	0.029223	-0.014297
	-0.012496	0.015651	-0.025915	-0.004349	0.036089	-0.032337
	-0.004662	-0.011261	-0.001003	0.008250	0.004297	0.053376
	0.000823	0.006630	0.018754	0.009906	-0.016323	-0.004725
	-0.039097	0.023035	-0.058603	0.027395	-0.036181	-0.029133
	0.031356					
z416	-0.022203	-0.014355	0.011595	-0.008469	0.004347	0.029633
	-0.016827	-0.012638	0.027663	0.009065	-0.037450	-0.024281
	0.027886	0.018726	0.013458	-0.032837	0.053643	0.040400
	-0.023501	0.018848	0.074623	0.038152	0.057857	-0.011396
	-0.024899	-0.012295	0.022656	0.027718	-0.034220	-0.031292
	0.055678					
x417	0.026899	0.032212	-0.003419	-0.011297	0.001978	-0.000460
	0.012233	0.005066	0.000627	-0.018926	0.024079	0.000072
	0.001323	0.018579	0.032344	-0.000312	0.013972	-0.044891
	0.029735	0.011702	0.008674	0.002436	0.034419	0.056993
	0.016032	-0.005447	-0.001149	0.027001	0.004679	0.018236
	-0.001586					
y417	-0.042015	0.006508	-0.031522	0.026119	0.033530	-0.013909
	-0.004022	0.014136	-0.017455	-0.000575	0.029880	-0.034853
	-0.009788	-0.006901	0.009049	0.007669	0.008730	0.051627
	-0.003723	0.019742	0.019477	0.012570	-0.014064	-0.006733
	-0.047353	0.037371	-0.037221	0.019644	-0.031181	-0.008934
	0.026907					

z417	-0.016259	-0.003649	0.011028	-0.003623	0.005308	0.025372
	-0.021139	-0.014781	0.025923	0.013358	-0.034022	-0.027318
	0.024640	0.016173	0.031412	-0.027721	0.051874	0.035325
	-0.021815	0.020961	0.078981	0.026876	0.072515	-0.004859
	-0.037012	-0.007529	0.033735	0.029059	-0.043960	-0.020048
	0.047485					
x418	0.029304	0.034635	-0.001940	-0.009495	-0.004320	-0.004410
	0.013998	0.004305	-0.003773	-0.018798	0.034561	0.006948
	-0.007512	0.010364	0.027775	0.004727	0.001733	-0.058917
	0.035351	0.013438	-0.006096	-0.006562	0.032506	0.048212
	0.012006	0.000336	-0.004909	0.014966	0.018495	0.029800
	-0.010552					
y418	-0.044798	0.016831	-0.036827	0.025868	0.034707	-0.012675
	0.002876	0.014804	-0.012047	0.003077	0.028814	-0.032494
	-0.015312	-0.013396	0.009727	0.012501	0.007648	0.040803
	0.001547	0.024201	0.017477	0.013732	-0.003310	-0.009942
	-0.049218	0.036355	-0.009231	0.016834	-0.019968	0.009808
	0.013389					
z418	-0.010298	0.005645	0.010085	0.000296	0.005864	0.019697
	-0.025290	-0.017540	0.023807	0.016562	-0.030960	-0.030624
	0.022188	0.014558	0.046156	-0.023171	0.048857	0.032338
	-0.019881	0.023246	0.079049	0.018473	0.079484	-0.000991
	-0.043902	-0.000430	0.039230	0.027700	-0.052063	-0.007834
	0.038839					
x419	0.030018	0.034858	-0.000485	-0.009286	-0.008626	-0.007495
	0.014620	0.004335	-0.007072	-0.017714	0.039945	0.012885
	-0.015514	0.002903	0.020729	0.008153	-0.008573	-0.067533
	0.040596	0.017965	-0.016713	-0.012612	0.030211	0.038938
	0.009101	0.003324	-0.007987	0.006551	0.026208	0.037418
	-0.017184					
y419	-0.045057	0.024713	-0.038463	0.021571	0.033732	-0.010458
	0.005871	0.017553	-0.005761	0.008878	0.023993	-0.029935
	-0.021308	-0.014769	0.012276	0.016155	0.009725	0.031270
	0.003410	0.023715	0.021190	0.008287	-0.005330	-0.001180
	-0.040580	0.036357	0.001409	0.009061	-0.015416	0.009404
	0.027694					
z419	-0.004480	0.013927	0.008861	0.003958	0.005708	0.012763
	-0.027245	-0.019861	0.021717	0.019118	-0.027166	-0.032654
	0.018933	0.011420	0.056209	-0.018857	0.041214	0.027810
	-0.018216	0.026003	0.075755	0.011602	0.084501	-0.002011
	-0.050554	0.006171	0.041599	0.025223	-0.053920	0.003825
	0.032162					

x420	0.029099	0.033161	0.001194	-0.010936	-0.011299	-0.010147
	0.013662	0.005157	-0.009539	-0.014979	0.040293	0.017093
	-0.023150	-0.001609	0.011670	0.009710	-0.016104	-0.071746
	0.044362	0.024254	-0.020885	-0.017439	0.024415	0.031876
	0.008415	0.005537	-0.012335	-0.000817	0.026889	0.039337
	-0.018312					
y420	-0.045491	0.028391	-0.038495	0.017812	0.034490	-0.007354
	0.008105	0.020537	-0.000866	0.011205	0.020482	-0.023658
	-0.024890	-0.017922	0.007077	0.021976	0.008266	0.023774
	0.007047	0.020204	0.007885	0.010120	-0.001258	0.000462
	-0.032270	0.025426	0.011229	0.012434	-0.012501	0.010935
	0.025690					
z420	0.001102	0.022035	0.007117	0.005918	0.004579	0.005077
	-0.028920	-0.022313	0.018768	0.021544	-0.023649	-0.033410
	0.015356	0.006648	0.061627	-0.013308	0.032253	0.022650
	-0.014410	0.027541	0.071335	0.006269	0.083199	-0.004969
	-0.050269	0.012456	0.042818	0.020300	-0.051700	0.017147
	0.025408					
x421	0.026502	0.029356	0.003415	-0.014274	-0.012505	-0.012076
	0.011996	0.007382	-0.011164	-0.011375	0.036007	0.019727
	-0.028952	-0.004776	0.001489	0.009971	-0.020190	-0.071124
	0.047803	0.031484	-0.021917	-0.018019	0.016814	0.026226
	0.009931	0.004362	-0.015933	-0.007998	0.019730	0.036036
	-0.013048					
y421	-0.045703	0.029315	-0.038523	0.013596	0.034619	-0.002195
	0.007677	0.024180	0.006683	0.013953	0.015353	-0.017330
	-0.026836	-0.018744	-0.000316	0.025603	0.006981	0.014974
	0.006295	0.023051	0.000318	0.009559	0.003569	0.002687
	-0.028536	0.018240	0.009367	0.012062	-0.012191	0.015260
	0.024560					
z421	0.006691	0.029342	0.005968	0.006614	0.002211	-0.004034
	-0.029961	-0.024370	0.014533	0.023256	-0.019366	-0.033003
	0.010650	0.000441	0.062385	-0.007005	0.020056	0.016264
	-0.009495	0.026973	0.062530	0.002747	0.077544	-0.009261
	-0.044368	0.018117	0.041434	0.014439	-0.044426	0.028544
	0.019334					
x422	0.022388	0.023311	0.005750	-0.019126	-0.012085	-0.011951
	0.009017	0.011539	-0.010444	-0.006998	0.027581	0.021267
	-0.033113	-0.006195	-0.011081	0.008753	-0.021338	-0.064936
	0.050222	0.041245	-0.017591	-0.015637	0.008040	0.021980
	0.013377	0.000951	-0.017738	-0.014060	0.006065	0.027560
	0.000243					

y422	-0.046065	0.030158	-0.037847	0.006831	0.033552	0.001459
	0.005645	0.026266	0.014866	0.017814	0.010938	-0.010158
	-0.030257	-0.025183	-0.005896	0.024178	0.006266	0.011567
	0.008810	0.023517	-0.005879	0.008085	0.009361	0.004152
	-0.015418	0.011232	0.016401	0.019309	-0.008121	0.015184
	0.018536					
z422	0.012469	0.035424	0.004854	0.006347	-0.000753	-0.014003
	-0.030635	-0.026222	0.009024	0.023618	-0.014668	-0.031202
	0.006329	-0.006091	0.058255	-0.000144	0.004969	0.008523
	-0.003946	0.025922	0.050274	0.000528	0.067281	-0.015237
	-0.034362	0.023510	0.034760	0.006818	-0.032932	0.038999
	0.013105					
x423	0.016534	0.015119	0.008397	-0.025085	-0.009759	-0.009755
	0.004799	0.017493	-0.007424	-0.001195	0.015043	0.020841
	-0.035200	-0.006337	-0.025588	0.005588	-0.018980	-0.053127
	0.052473	0.055106	-0.007680	-0.009863	-0.001159	0.019457
	0.018648	-0.004695	-0.018391	-0.018819	-0.014486	0.014753
	0.020383					
y423	-0.045879	0.030242	-0.037314	-0.000813	0.033498	0.004277
	0.005561	0.025307	0.020686	0.018452	0.005751	-0.002550
	-0.031809	-0.035527	-0.005785	0.021916	0.000045	0.009944
	0.007115	0.015892	-0.012009	0.003972	0.009325	-0.005472
	-0.001598	0.003750	0.020183	0.014978	-0.008692	0.010879
	0.020700					
z423	0.018351	0.040698	0.003736	0.004954	-0.004592	-0.024674
	-0.031304	-0.027351	0.002834	0.023437	-0.008887	-0.027735
	0.001532	-0.013725	0.049530	0.006045	-0.012403	0.001000
	0.002963	0.025298	0.036088	-0.000591	0.053476	-0.022013
	-0.019465	0.029526	0.025793	-0.000671	-0.017839	0.049307
	0.008577					
x424	0.009123	0.004350	0.011873	-0.031787	-0.004929	-0.006307
	0.000010	0.024913	-0.002801	0.006801	-0.002492	0.018651
	-0.034900	-0.006310	-0.041451	0.000888	-0.014762	-0.035812
	0.054527	0.070955	0.006146	-0.001817	-0.012756	0.018229
	0.027794	-0.013659	-0.018799	-0.022765	-0.043595	-0.003210
	0.048333					
y424	-0.044223	0.028682	-0.033495	-0.008686	0.027184	0.001316
	0.008745	0.022364	0.023523	0.020594	0.002203	0.008279
	-0.033620	-0.042242	-0.009647	0.015304	0.001505	0.004131
	0.002727	0.003179	-0.019923	0.004604	-0.000040	-0.004406
	0.015602	-0.006245	0.012335	0.017089	-0.003277	-0.004781
	0.012009					

z424	0.023950	0.044808	0.002654	0.003184	-0.007770	-0.034604
	-0.031500	-0.028401	-0.003236	0.023367	-0.002716	-0.023676
	-0.003122	-0.023162	0.036256	0.014030	-0.033559	-0.006515
	0.010475	0.025204	0.019441	-0.000748	0.034707	-0.032599
	-0.001285	0.036316	0.013821	-0.008921	0.001565	0.060496
	0.005494					
x425	0.002824	0.001746	0.013836	-0.030761	-0.004854	-0.002523
	0.004592	0.029692	-0.000861	0.004001	-0.000533	0.013730
	-0.032329	-0.011966	-0.050013	0.002101	-0.014896	-0.030223
	0.040342	0.064453	0.005534	-0.014521	-0.018792	0.013166
	0.019826	-0.024792	-0.008139	-0.014940	-0.047777	-0.003060
	0.037410					
y425	-0.042812	0.026490	-0.031608	-0.011613	0.025611	0.004193
	0.008773	0.019475	0.023210	0.019762	-0.001771	0.011873
	-0.029944	-0.048441	-0.012140	0.014920	-0.002634	0.006910
	-0.002695	-0.000514	-0.023650	0.000433	-0.002696	-0.004935
	0.014900	-0.014055	0.013890	0.013254	-0.003121	-0.002079
	0.006388					
z425	0.020665	0.042586	0.001730	0.001863	-0.008747	-0.036457
	-0.034971	-0.024099	0.002721	0.024383	-0.004456	-0.020815
	-0.004278	-0.023060	0.023848	0.015375	-0.034844	-0.005136
	0.020862	0.032171	0.020610	0.003516	0.036349	-0.043201
	0.008290	0.024794	0.006439	-0.014829	0.004784	0.057495
	0.010280					
x426	-0.002479	-0.000898	0.016035	-0.029819	-0.004365	0.001644
	0.008735	0.033748	-0.000220	0.001849	0.001319	0.009934
	-0.029717	-0.016394	-0.055414	0.003258	-0.014756	-0.024148
	0.027875	0.058270	0.005304	-0.023475	-0.024262	0.009258
	0.012789	-0.033916	-0.000818	-0.008469	-0.051043	-0.003342
	0.028461					
y426	-0.040311	0.025073	-0.027546	-0.014325	0.022950	0.007013
	0.009627	0.016699	0.022931	0.022370	-0.005533	0.014015
	-0.028308	-0.049942	-0.010976	0.013239	-0.003799	0.008874
	-0.004778	-0.007173	-0.023338	0.000225	-0.003290	-0.001085
	0.017297	-0.013196	0.016927	0.007152	0.000064	-0.001950
	0.001564					
z426	0.017142	0.039926	0.001225	0.000671	-0.009547	-0.037111
	-0.037489	-0.019663	0.006831	0.025145	-0.005677	-0.018933
	-0.004372	-0.022051	0.012873	0.017025	-0.035675	-0.003361
	0.029526	0.037019	0.020630	0.007056	0.035650	-0.051312
	0.015068	0.014422	0.001262	-0.019438	0.006611	0.053310
	0.013601					

x427	-0.006845	-0.003514	0.018254	-0.028301	-0.003829	0.006356
	0.012116	0.036818	-0.000287	-0.000483	0.002794	0.006748
	-0.027936	-0.019637	-0.057480	0.003064	-0.014150	-0.018514
	0.016522	0.052770	0.004875	-0.028991	-0.028131	0.006662
	0.007568	-0.039423	0.004910	-0.003104	-0.052697	-0.004126
	0.019771					
y427	-0.037900	0.023193	-0.025680	-0.014184	0.019017	0.007937
	0.010788	0.016470	0.024908	0.021663	-0.006061	0.017146
	-0.024988	-0.048320	-0.010703	0.007696	-0.005287	0.007740
	-0.012825	-0.010777	-0.025915	-0.005064	0.001028	0.000050
	0.015784	-0.015711	0.018564	0.014619	0.002137	-0.000085
	0.000841					
z427	0.013684	0.036800	0.001238	-0.000225	-0.009075	-0.036850
	-0.038690	-0.015100	0.010351	0.025428	-0.005686	-0.018285
	-0.004118	-0.021038	0.004292	0.018223	-0.035858	-0.002189
	0.034040	0.038961	0.018501	0.009591	0.034861	-0.058754
	0.017412	0.003967	-0.003784	-0.022141	0.007772	0.047445
	0.014634					
x428	-0.010012	-0.006325	0.020572	-0.027201	-0.002211	0.011878
	0.015024	0.039014	-0.001959	-0.001494	0.004087	0.005096
	-0.026729	-0.021710	-0.056629	0.003346	-0.012791	-0.012653
	0.007496	0.047579	0.005489	-0.030980	-0.030795	0.003866
	0.002815	-0.043512	0.005782	0.000826	-0.054208	-0.005315
	0.012214					
y428	-0.035118	0.021041	-0.023275	-0.016452	0.017409	0.010912
	0.011162	0.014842	0.023615	0.023039	-0.008412	0.019773
	-0.021687	-0.049008	-0.006661	0.009555	-0.005082	0.006523
	-0.019051	-0.013508	-0.028247	-0.007814	-0.000823	0.000017
	0.014885	-0.016708	0.018682	0.016148	0.002484	-0.002446
	-0.002435					
z428	0.009972	0.033332	0.001964	-0.000738	-0.008841	-0.035685
	-0.038956	-0.010367	0.012656	0.025146	-0.005226	-0.018978
	-0.002688	-0.019078	-0.002300	0.018642	-0.035019	-0.001577
	0.035576	0.038398	0.014163	0.011226	0.031522	-0.062137
	0.016910	-0.003650	-0.005667	-0.022917	0.007794	0.040797
	0.014928					
x429	-0.012441	-0.009137	0.022815	-0.025673	-0.000850	0.017741
	0.017112	0.040498	-0.004246	-0.002950	0.005243	0.003931
	-0.025603	-0.022432	-0.053286	0.001923	-0.010870	-0.007135
	-0.000595	0.042380	0.005837	-0.029475	-0.032261	0.003333
	0.000611	-0.043569	0.006743	0.003605	-0.053048	-0.006498
	0.005843					

y429	-0.033430	0.019503	-0.021179	-0.016028	0.013320	0.013700
	0.010898	0.013247	0.024846	0.023202	-0.009560	0.019098
	-0.019106	-0.048635	-0.001819	0.009534	-0.009195	0.006406
	-0.021855	-0.016225	-0.030769	-0.011446	-0.000142	-0.001128
	0.014397	-0.012440	0.021777	0.013055	0.005533	-0.002194
	-0.007346					
z429	0.006398	0.029332	0.003245	-0.001042	-0.007907	-0.033369
	-0.037817	-0.005688	0.013971	0.024625	-0.003801	-0.020612
	-0.001039	-0.016685	-0.006386	0.018776	-0.033404	-0.001233
	0.034217	0.035085	0.008084	0.012201	0.027013	-0.064676
	0.012305	-0.009539	-0.006342	-0.023017	0.005991	0.033165
	0.013871					
x430	-0.013746	-0.012043	0.025127	-0.024141	0.001042	0.024019
	0.018693	0.040800	-0.007748	-0.003299	0.006057	0.003859
	-0.024960	-0.022145	-0.046623	0.000353	-0.008438	-0.002118
	-0.006739	0.037969	0.006504	-0.024340	-0.032411	0.003305
	-0.000464	-0.041878	0.004130	0.004644	-0.052071	-0.008545
	-0.000526					
y430	-0.030911	0.018133	-0.018987	-0.017073	0.011414	0.017445
	0.009564	0.014502	0.023948	0.022046	-0.011285	0.019174
	-0.017222	-0.042049	0.003506	0.008666	-0.008690	0.010203
	-0.023710	-0.018536	-0.029734	-0.012222	-0.003496	-0.002166
	0.014794	-0.004795	0.023883	0.016650	0.010961	0.007114
	-0.009048					
z430	0.002756	0.024998	0.004906	-0.001179	-0.006796	-0.029999
	-0.036098	-0.000774	0.013846	0.024162	-0.001725	-0.023670
	0.001310	-0.013460	-0.008740	0.018337	-0.030920	-0.000563
	0.030184	0.029103	0.001159	0.012464	0.020087	-0.064582
	0.005118	-0.013259	-0.004262	-0.020679	0.004952	0.025263
	0.014133					
x431	-0.013930	-0.014868	0.027619	-0.022475	0.003203	0.030816
	0.019766	0.040240	-0.012090	-0.003620	0.006604	0.004854
	-0.024687	-0.020733	-0.036608	-0.001813	-0.005756	0.003452
	-0.011758	0.034143	0.005934	-0.016038	-0.032340	0.004808
	-0.000214	-0.037218	-0.000108	0.004940	-0.048057	-0.009359
	-0.005586					
y431	-0.029606	0.016315	-0.016880	-0.017374	0.007924	0.021728
	0.007719	0.015008	0.023078	0.022843	-0.012213	0.018824
	-0.018090	-0.038837	0.003280	0.005745	-0.013113	0.008046
	-0.025417	-0.019463	-0.026154	-0.013697	-0.000375	-0.002336
	0.017819	0.002243	0.031028	0.019898	0.011406	0.011004
	-0.013857					

z431	-0.000968	0.019901	0.007207	-0.001049	-0.005139	-0.026058
	-0.033370	0.004003	0.012904	0.023218	0.001146	-0.028333
	0.004133	-0.009813	-0.009249	0.016922	-0.027697	-0.000848
	0.022480	0.019977	-0.007336	0.012589	0.012625	-0.062722
	-0.005980	-0.015810	-0.000323	-0.017148	0.002133	0.016118
	0.012141					
x432	-0.013064	-0.017811	0.030194	-0.020885	0.006151	0.038686
	0.019810	0.038907	-0.017585	-0.003014	0.007346	0.007219
	-0.025101	-0.017538	-0.023530	-0.003553	-0.002419	0.009047
	-0.015383	0.030955	0.007083	-0.004413	-0.030938	0.006190
	0.000197	-0.029496	-0.008172	0.004210	-0.042545	-0.011150
	-0.009951					
y432	-0.027582	0.013658	-0.015093	-0.017395	0.006483	0.025627
	0.007543	0.015039	0.021562	0.024323	-0.013829	0.020483
	-0.017198	-0.036389	0.005957	0.004927	-0.019407	0.007965
	-0.023291	-0.017051	-0.025742	-0.016448	-0.002281	-0.010041
	0.020864	-0.000311	0.021625	0.019598	0.005018	0.012059
	-0.015843					
z432	-0.004769	0.014354	0.010125	-0.000715	-0.002884	-0.021441
	-0.029394	0.008841	0.010974	0.021693	0.004744	-0.034152
	0.007405	-0.006123	-0.006921	0.014716	-0.023795	-0.002035
	0.011162	0.007612	-0.018016	0.012265	0.003767	-0.059347
	-0.020376	-0.017860	0.005249	-0.012578	-0.001340	0.006083
	0.007954					
x433	-0.011023	-0.020590	0.032715	-0.019086	0.009563	0.046978
	0.019985	0.036661	-0.024376	-0.002225	0.007756	0.009459
	-0.025829	-0.013222	-0.008143	-0.006257	0.001526	0.015689
	-0.016368	0.027332	0.006962	0.010459	-0.028337	0.008443
	0.002067	-0.018408	-0.017400	0.003274	-0.036448	-0.013719
	-0.013220					
y433	-0.026583	0.011468	-0.012308	-0.015660	0.000371	0.029724
	0.004895	0.015010	0.021095	0.022706	-0.015104	0.022251
	-0.013775	-0.032969	0.005496	0.001388	-0.027096	0.004387
	-0.024839	-0.009345	-0.019618	-0.012116	0.000799	-0.010183
	0.025141	0.002037	0.022359	0.019636	0.007700	0.020765
	-0.009612					
z433	-0.008697	0.008368	0.013651	-0.000028	-0.000418	-0.015799
	-0.024420	0.013742	0.007921	0.019811	0.009039	-0.041209
	0.011070	-0.001617	-0.002920	0.012041	-0.019226	-0.003375
	-0.003400	-0.006727	-0.030145	0.011227	-0.007153	-0.053375
	-0.038270	-0.017557	0.012874	-0.006263	-0.005282	-0.003968
	0.003964					

x434	-0.007451	-0.018198	0.032167	-0.017838	0.009503	0.049413
	0.016733	0.034452	-0.027388	0.000169	0.006741	0.010153
	-0.027093	-0.007135	-0.004771	-0.003367	-0.000199	0.021881
	-0.009593	0.027652	0.014846	0.017086	-0.013532	0.010699
	0.011602	-0.009994	-0.014031	0.013096	-0.035335	-0.015016
	-0.013998					
y434	-0.025794	0.010627	-0.011694	-0.013857	-0.000536	0.032335
	0.002191	0.014350	0.020320	0.025394	-0.014565	0.019959
	-0.006963	-0.027157	0.006788	0.000949	-0.030379	0.001742
	-0.020852	-0.007761	-0.014470	-0.010515	0.000087	-0.010449
	0.025247	0.000244	0.021998	0.022761	0.004918	0.020390
	-0.006999					
z434	-0.012807	0.004442	0.016993	-0.000814	-0.001554	-0.005552
	-0.022818	0.015968	0.000649	0.017512	0.000969	-0.039000
	0.013014	-0.015131	-0.002519	-0.000467	-0.021298	-0.005034
	-0.004214	-0.006337	-0.022808	-0.001943	-0.015328	-0.042339
	-0.027160	-0.016650	0.008375	-0.017484	-0.008136	0.017044
	0.001298					
x435	-0.004068	-0.015563	0.031603	-0.017144	0.009263	0.050488
	0.014483	0.031709	-0.029306	0.003056	0.006302	0.010133
	-0.028230	-0.001436	-0.001376	0.000771	-0.002188	0.027376
	-0.003659	0.028309	0.020789	0.023575	-0.001760	0.012838
	0.018357	-0.004861	-0.010918	0.021730	-0.034165	-0.015162
	-0.014970					
y435	-0.024251	0.009895	-0.011188	-0.010323	-0.002089	0.034480
	0.000287	0.013593	0.021885	0.026578	-0.014142	0.018155
	-0.002226	-0.021628	0.002547	-0.003124	-0.035002	-0.001025
	-0.018880	-0.005953	-0.012809	-0.008244	0.005410	-0.008902
	0.024869	0.001022	0.022299	0.026637	0.006000	0.017582
	0.000351					
z435	-0.016307	0.001023	0.019958	-0.001636	-0.002525	0.003484
	-0.021720	0.018366	-0.006193	0.015328	-0.006391	-0.037329
	0.014417	-0.025729	-0.002965	-0.009517	-0.023699	-0.005167
	-0.005282	-0.006402	-0.016221	-0.012112	-0.020848	-0.031352
	-0.018476	-0.014744	0.005003	-0.026176	-0.009936	0.033489
	-0.000940					
x436	-0.001065	-0.012782	0.030840	-0.016429	0.008645	0.049842
	0.012966	0.028922	-0.028988	0.006116	0.006074	0.008929
	-0.028359	0.003982	0.001851	0.004694	-0.003581	0.030644
	0.000970	0.027631	0.023469	0.029235	0.007815	0.015342
	0.022775	-0.001933	-0.009293	0.027052	-0.033542	-0.014643
	-0.014873					

y436	-0.022993	0.009072	-0.012647	-0.006991	-0.002743	0.036467
	-0.001806	0.012623	0.021338	0.027678	-0.013141	0.016374
	0.002544	-0.016804	0.000385	-0.005208	-0.037818	-0.000809
	-0.015161	-0.002238	-0.010456	-0.007082	0.006350	-0.008250
	0.025435	0.004716	0.019039	0.028642	0.008125	0.012157
	0.006526					
z436	-0.019334	-0.001992	0.022360	-0.002365	-0.003169	0.011440
	-0.021229	0.020776	-0.012612	0.013149	-0.013068	-0.036003
	0.015615	-0.033826	-0.003456	-0.015498	-0.026054	-0.004093
	-0.006314	-0.006968	-0.010468	-0.019345	-0.024041	-0.021157
	-0.011765	-0.012252	0.002413	-0.032984	-0.011154	0.044912
	-0.003348					
x437	0.001995	-0.009937	0.029715	-0.015888	0.007861	0.048039
	0.012622	0.026143	-0.027142	0.008947	0.006620	0.006533
	-0.028281	0.009204	0.004128	0.008694	-0.004177	0.032663
	0.003983	0.027438	0.023504	0.034100	0.015506	0.016959
	0.025986	0.000084	-0.009163	0.032790	-0.033037	-0.014302
	-0.014300					
y437	-0.021553	0.008484	-0.013841	-0.003603	-0.003461	0.037449
	-0.004577	0.011084	0.021859	0.029516	-0.012931	0.015950
	0.006145	-0.011592	-0.001525	-0.007011	-0.040598	-0.001118
	-0.012050	0.000107	-0.007541	-0.004924	0.007029	-0.005784
	0.024448	0.004715	0.020261	0.024936	0.008670	0.010624
	0.010807					
z437	-0.021748	-0.004565	0.024379	-0.002859	-0.003407	0.018429
	-0.021142	0.023223	-0.018424	0.010953	-0.019086	-0.035076
	0.016429	-0.039150	-0.004213	-0.018268	-0.028405	-0.001857
	-0.007881	-0.007874	-0.005951	-0.023579	-0.025130	-0.011869
	-0.007698	-0.008827	0.000918	-0.037132	-0.012249	0.052357
	-0.006171					
x438	0.004916	-0.006842	0.028094	-0.015139	0.006736	0.044801
	0.012996	0.022978	-0.023131	0.010865	0.007763	0.003945
	-0.027403	0.014398	0.006138	0.012982	-0.004373	0.033737
	0.005440	0.028496	0.020933	0.037540	0.021846	0.016866
	0.026503	-0.000002	-0.010234	0.036128	-0.031277	-0.014626
	-0.012904					
y438	-0.020517	0.008047	-0.014924	-0.001454	-0.003538	0.038383
	-0.006512	0.009769	0.022021	0.033646	-0.013027	0.011106
	0.009068	-0.008010	-0.003341	-0.010025	-0.042563	-0.003927
	-0.008202	-0.001776	-0.003787	0.000667	0.005547	-0.002199
	0.023519	0.007513	0.020772	0.020430	0.007227	0.010230
	0.010037					

z438	-0.023625	-0.006767	0.025917	-0.003030	-0.003201	0.024471
	-0.021599	0.025708	-0.023525	0.008549	-0.024355	-0.034738
	0.017150	-0.041762	-0.005338	-0.017684	-0.030686	0.001408
	-0.010024	-0.008987	-0.002784	-0.025007	-0.023395	-0.004128
	-0.006252	-0.004483	-0.000484	-0.038663	-0.012494	0.055485
	-0.009626					
x439	0.007660	-0.003265	0.026590	-0.015300	0.004578	0.040442
	0.013704	0.019837	-0.018329	0.013987	0.009037	0.000088
	-0.025743	0.020432	0.007779	0.017565	-0.004280	0.034602
	0.007332	0.029056	0.017809	0.041793	0.023256	0.019455
	0.026680	0.000508	-0.010822	0.037455	-0.029772	-0.012905
	-0.009995					
y439	-0.019502	0.006781	-0.017520	0.003074	-0.001230	0.037311
	-0.005899	0.008487	0.025076	0.034304	-0.012434	0.008653
	0.010288	-0.006189	-0.005476	-0.012035	-0.040908	-0.007899
	-0.010268	-0.002641	-0.005197	0.003191	0.010799	-0.005168
	0.016989	0.003839	0.020393	0.015772	0.005476	0.006969
	0.010438					
z439	-0.024931	-0.008482	0.027139	-0.003428	-0.002919	0.029491
	-0.022850	0.028423	-0.028764	0.006898	-0.029341	-0.034905
	0.017700	-0.040825	-0.007311	-0.013701	-0.032715	0.006288
	-0.011737	-0.011105	0.000429	-0.022841	-0.020452	0.004832
	-0.006523	0.001626	0.000059	-0.038026	-0.012271	0.054427
	-0.012145					
x440	0.010296	0.000213	0.024796	-0.015244	0.002647	0.034316
	0.015475	0.016452	-0.011241	0.016495	0.011209	-0.004159
	-0.023715	0.026259	0.009319	0.022620	-0.004102	0.033434
	0.006957	0.029996	0.011416	0.045149	0.024415	0.019676
	0.023393	-0.002585	-0.013396	0.036964	-0.028907	-0.011904
	-0.007352					
y440	-0.018629	0.006541	-0.019823	0.006961	-0.000587	0.036471
	-0.006028	0.006952	0.027339	0.036699	-0.011165	0.003690
	0.009922	-0.004721	-0.008275	-0.013914	-0.039570	-0.008981
	-0.007917	-0.004478	-0.005104	0.005970	0.010671	-0.003801
	0.015366	0.004445	0.018808	0.014587	0.005182	0.010085
	0.007091					
z440	-0.025633	-0.009845	0.027881	-0.003323	-0.002282	0.033347
	-0.024688	0.030980	-0.033211	0.005110	-0.033371	-0.035466
	0.017941	-0.037339	-0.009488	-0.006738	-0.035154	0.011819
	-0.013808	-0.013240	0.002370	-0.017546	-0.013898	0.011721
	-0.009392	0.007811	0.000773	-0.034802	-0.011565	0.048262
	-0.016421					

x441	0.012731	0.003885	0.022882	-0.015702	0.000638	0.026613
	0.018306	0.012900	-0.002106	0.019136	0.013871	-0.009943
	-0.022163	0.031739	0.010371	0.028228	-0.003488	0.030840
	0.004959	0.030338	0.002700	0.047845	0.023486	0.019331
	0.018426	-0.007459	-0.017053	0.032965	-0.028071	-0.009366
	-0.005616					
y441	-0.017600	0.006171	-0.023541	0.012844	-0.000145	0.034773
	-0.005270	0.005838	0.028332	0.038245	-0.009965	0.001305
	0.011783	-0.002244	-0.012344	-0.016310	-0.038698	-0.009176
	-0.006651	-0.006021	-0.006503	0.009307	0.006693	-0.002131
	0.011300	0.005139	0.017999	0.013973	0.007479	0.009391
	0.011472					
z441	-0.025902	-0.010860	0.028178	-0.003188	-0.001246	0.036054
	-0.026732	0.033691	-0.037001	0.003264	-0.036492	-0.036417
	0.017444	-0.030907	-0.012176	0.003511	-0.037793	0.018608
	-0.016332	-0.016454	0.003648	-0.009456	-0.005050	0.018413
	-0.014267	0.014420	0.002956	-0.030149	-0.010464	0.037619
	-0.021640					
x442	0.014961	0.007730	0.020665	-0.016368	-0.001789	0.017310
	0.021891	0.009026	0.008799	0.021469	0.016890	-0.016359
	-0.020149	0.036564	0.010577	0.033557	-0.002151	0.026888
	0.001597	0.031323	-0.008677	0.050042	0.019993	0.017902
	0.011970	-0.014052	-0.021314	0.026693	-0.026886	-0.005831
	-0.003112					
y442	-0.015952	0.005992	-0.027500	0.018576	0.001517	0.034409
	-0.004324	0.005326	0.029288	0.041878	-0.010607	-0.001477
	0.014501	-0.000934	-0.016010	-0.019701	-0.035992	-0.011175
	-0.005861	-0.008938	-0.008252	0.013043	0.003583	0.003145
	0.003967	0.009741	0.017090	0.010828	0.010361	0.006457
	0.021203					
z442	-0.025598	-0.011514	0.028145	-0.003382	0.000011	0.037677
	-0.029200	0.036452	-0.040254	0.001426	-0.039469	-0.038154
	0.016735	-0.021890	-0.015091	0.017017	-0.039969	0.026614
	-0.019612	-0.020079	0.004250	0.001429	0.005951	0.025150
	-0.021582	0.021788	0.005980	-0.023678	-0.008998	0.022670
	-0.025671					
x443	0.018907	0.008886	0.011135	-0.002685	0.000581	0.014667
	0.022634	0.000701	0.019360	0.023207	0.018758	-0.007893
	-0.028337	0.034740	0.011957	0.027872	0.016782	0.014535
	0.001271	0.045739	-0.016886	0.034833	0.024842	0.014363
	0.011388	-0.033222	-0.037747	0.001809	-0.008985	0.000791
	-0.003431					

y443	-0.013836	0.004651	-0.035403	0.027848	0.003924	0.033730
	0.000559	0.000933	0.030593	0.044579	-0.010150	-0.003223
	0.014613	-0.005971	-0.019733	-0.022232	-0.029857	-0.011135
	-0.001243	-0.002678	-0.012953	0.007066	-0.001546	-0.000606
	0.004499	0.000737	0.011636	0.002554	0.011031	0.001462
	0.017866					
z443	-0.022119	-0.009843	0.028977	-0.001184	-0.004814	0.031675
	-0.023707	0.032980	-0.030633	0.007160	-0.037639	-0.035264
	0.007820	-0.013724	-0.021610	0.022035	-0.039920	0.027923
	-0.027437	-0.014922	-0.004072	0.006757	0.031185	0.033658
	-0.034243	0.032874	0.004536	-0.022771	-0.006681	0.010449
	-0.021981					
x444	0.021912	0.009982	0.004667	0.006558	0.001741	0.010734
	0.021345	-0.006861	0.027660	0.026159	0.020877	-0.001360
	-0.032151	0.034131	0.012067	0.023627	0.029410	0.003791
	-0.000939	0.055242	-0.023578	0.021988	0.027944	0.011430
	0.009376	-0.048511	-0.049473	-0.016424	0.003812	0.003278
	-0.004421					
y444	-0.012122	0.003406	-0.041736	0.035098	0.006058	0.031288
	0.005667	-0.000801	0.030972	0.049584	-0.011095	-0.004533
	0.013765	-0.006814	-0.022688	-0.024712	-0.023510	-0.009676
	0.001297	0.003286	-0.012798	0.001832	-0.006247	-0.001054
	0.006130	-0.001975	0.012414	-0.008576	0.012012	0.001326
	0.017028					
z444	-0.017310	-0.008011	0.026542	0.003192	-0.009216	0.027330
	-0.017578	0.029645	-0.021305	0.011309	-0.034727	-0.033022
	0.002912	-0.006326	-0.026381	0.026480	-0.037570	0.027375
	-0.033083	-0.011123	-0.009585	0.011263	0.049647	0.041386
	-0.042644	0.040180	0.001775	-0.021840	-0.005092	0.000092
	-0.017333					
x445	0.023960	0.011276	0.001218	0.011386	0.001462	0.005212
	0.018028	-0.013165	0.034013	0.031439	0.023338	0.003070
	-0.032230	0.034385	0.010510	0.020413	0.036892	-0.005262
	-0.004118	0.059724	-0.028519	0.010715	0.027764	0.010985
	0.008869	-0.056473	-0.055180	-0.032029	0.012437	0.003122
	-0.004096					
y445	-0.010834	0.001207	-0.047476	0.042724	0.007672	0.030994
	0.008473	-0.001703	0.031481	0.051103	-0.014806	-0.005352
	0.016805	-0.008327	-0.025313	-0.030995	-0.021629	-0.008581
	0.001787	0.006290	-0.016776	-0.000123	-0.007757	-0.001045
	0.006703	-0.002534	0.017304	-0.014588	0.020116	0.005655
	0.017133					

z445	-0.011692	-0.006194	0.021357	0.009116	-0.013087	0.023822
	-0.010166	0.025844	-0.012601	0.014117	-0.031161	-0.031576
	0.000422	-0.001294	-0.032387	0.030641	-0.033149	0.023929
	-0.036653	-0.006984	-0.013442	0.015197	0.062272	0.046691
	-0.047332	0.043722	0.000432	-0.021683	-0.004524	-0.008122
	-0.014549					
x446	0.024698	0.012450	0.000791	0.012467	-0.000887	-0.001546
	0.012304	-0.017554	0.039222	0.038495	0.025650	0.004415
	-0.028031	0.035115	0.007360	0.018128	0.039131	-0.012616
	-0.007975	0.058586	-0.033047	0.002429	0.025293	0.012500
	0.009311	-0.058880	-0.053516	-0.043651	0.019294	0.001313
	-0.001685					
y446	-0.009214	-0.000563	-0.052613	0.048772	0.009976	0.030728
	0.012060	-0.003352	0.029595	0.053518	-0.018497	-0.007415
	0.021809	-0.007835	-0.025703	-0.036286	-0.022044	-0.006847
	0.002492	0.007691	-0.018681	-0.000588	-0.010886	-0.000764
	0.010859	0.000051	0.024130	-0.013578	0.020775	0.012513
	0.017467					
z446	-0.005555	-0.004294	0.013602	0.016407	-0.016943	0.020537
	-0.001976	0.021612	-0.004539	0.015508	-0.026248	-0.029143
	0.000308	0.001744	-0.039274	0.034005	-0.027144	0.018278
	-0.037467	-0.004098	-0.015888	0.020069	0.070014	0.049447
	-0.048443	0.045028	-0.001569	-0.022378	-0.003096	-0.013359
	-0.013490					
x447	0.024125	0.013699	0.003750	0.009619	-0.005462	-0.009919
	0.003813	-0.019793	0.042594	0.047649	0.028075	0.002445
	-0.018154	0.036215	0.002573	0.017105	0.035230	-0.019007
	-0.012612	0.050599	-0.036955	-0.002986	0.020102	0.017079
	0.011408	-0.054701	-0.041821	-0.049824	0.024524	-0.001628
	0.004313					
y447	-0.006779	-0.001661	-0.058310	0.054299	0.012808	0.031235
	0.016444	-0.005141	0.025228	0.055724	-0.022919	-0.009576
	0.026785	-0.005527	-0.023171	-0.040481	-0.020933	-0.007709
	0.004727	0.008212	-0.018719	-0.002693	-0.017102	-0.000428
	0.017696	0.003895	0.030484	-0.009101	0.018106	0.020196
	0.017814					
z447	0.001239	-0.002132	0.002586	0.025091	-0.021362	0.017018
	0.007256	0.016942	0.003157	0.015640	-0.020010	-0.024871
	0.003461	0.002874	-0.045868	0.035968	-0.019181	0.010012
	-0.036332	-0.003830	-0.017713	0.027105	0.072714	0.049366
	-0.044099	0.046119	-0.004495	-0.023157	-0.003761	-0.014841
	-0.013584					

x448	0.022619	0.015015	0.010559	0.001718	-0.012470	-0.020983
	-0.007101	-0.020849	0.042962	0.058423	0.030751	-0.001571
	-0.000046	0.039843	-0.004938	0.016246	0.024413	-0.023782
	-0.018092	0.033609	-0.040619	-0.005622	0.009765	0.024677
	0.015178	-0.042326	-0.019611	-0.049095	0.026272	-0.004715
	0.014633					
y448	-0.002848	-0.003587	-0.063186	0.059478	0.017773	0.032691
	0.022723	-0.006104	0.019907	0.056602	-0.026443	-0.010395
	0.033799	-0.001461	-0.020647	-0.044309	-0.021374	-0.004884
	0.013692	0.011858	-0.017271	-0.001353	-0.026641	-0.000910
	0.019275	0.002171	0.031411	-0.009169	0.012854	0.022374
	0.016283					
z448	0.010297	0.000641	-0.012771	0.036940	-0.025920	0.014222
	0.020182	0.012307	0.010851	0.014403	-0.011816	-0.020029
	0.010836	0.002155	-0.052378	0.037328	-0.010875	-0.000630
	-0.029246	-0.005449	-0.019429	0.039833	0.068244	0.047912
	-0.030447	0.044007	-0.005157	-0.023535	-0.005967	-0.009721
	-0.012188					
x449	0.020580	0.016078	0.020550	-0.010172	-0.020624	-0.036063
	-0.021255	-0.020884	0.040551	0.068575	0.036738	-0.006631
	0.028788	0.047767	-0.014024	0.013576	0.006747	-0.029658
	-0.027313	0.006805	-0.043782	-0.001022	-0.002679	0.029443
	0.019477	-0.021405	0.015777	-0.040829	0.024033	-0.010671
	0.022443					
y449	0.000473	-0.006060	-0.068033	0.063265	0.027966	0.037546
	0.026797	-0.008881	0.011837	0.057997	-0.028570	-0.016314
	0.034402	0.004521	-0.018345	-0.052286	-0.014799	0.000660
	0.020894	0.011983	-0.005311	-0.002029	-0.040032	0.001588
	0.018499	-0.000952	0.028088	-0.012848	0.004891	0.020924
	0.014620					
z449	0.023002	0.004438	-0.036192	0.053190	-0.028988	0.013289
	0.036502	0.009039	0.018852	0.011907	0.000083	-0.015580
	0.022565	0.003159	-0.052591	0.037730	0.002925	-0.016118
	-0.011905	-0.014422	-0.019664	0.063565	0.048218	0.046185
	0.000203	0.044567	-0.002016	-0.025681	-0.018665	0.008297
	-0.006101					
x450	0.017338	0.017282	0.032281	-0.027374	-0.028494	-0.050062
	-0.037158	-0.019789	0.031390	0.086762	0.041343	-0.010133
	0.061822	0.060038	-0.022147	0.011129	-0.018256	-0.027253
	-0.033611	-0.027447	-0.036907	0.013028	-0.024275	0.040472
	0.021441	0.011543	0.043991	-0.035903	0.012963	-0.020082
	0.032380					

y450	-0.002407	-0.010544	-0.066595	0.064114	0.037135	0.042357
	0.027150	-0.014247	0.005782	0.058110	-0.036795	-0.020218
	0.023052	0.000159	-0.021248	-0.060680	-0.007376	0.013265
	0.018139	0.029571	0.004737	-0.028190	-0.039544	-0.007594
	-0.006602	-0.020058	0.000590	-0.015770	0.001908	-0.011467
	-0.000368					
z450	0.036569	0.007162	-0.064712	0.073480	-0.027101	0.016536
	0.056070	0.007129	0.026041	0.008992	0.013734	-0.017388
	0.032431	-0.002031	-0.049663	0.039628	0.025049	-0.029802
	0.007895	-0.018696	-0.020105	0.065480	0.015229	0.032392
	0.028789	0.019960	-0.008491	-0.031815	-0.028111	0.019791
	-0.009272					
x451	0.012702	0.017033	0.040662	-0.037220	-0.029768	-0.057965
	-0.042954	-0.023804	0.030143	0.105072	0.037884	-0.018421
	0.068364	0.055327	-0.032747	0.007815	-0.044486	-0.028852
	-0.044239	-0.030507	-0.034079	0.011275	-0.023933	0.050304
	0.014364	0.039190	0.044987	-0.032724	-0.007413	-0.037199
	0.033756					
y451	-0.006557	-0.014253	-0.057658	0.055966	0.042378	0.042460
	0.017806	-0.020277	-0.000997	0.057430	-0.044574	-0.020544
	0.014235	0.008281	-0.018313	-0.067163	-0.008258	0.021429
	0.018929	0.037980	0.018585	-0.030781	-0.038324	-0.001578
	-0.027151	-0.013501	-0.006452	-0.011712	-0.012890	-0.041951
	0.006399					
z451	0.041594	0.008109	-0.078977	0.082530	-0.025404	0.016476
	0.062839	0.004918	0.027898	0.011219	0.021069	-0.015703
	0.042853	-0.005764	-0.046856	0.051166	0.035153	-0.025590
	0.018815	-0.019867	-0.018119	0.042783	-0.003073	0.026636
	0.041890	-0.006855	-0.015677	-0.027801	-0.021802	0.014975
	-0.002412					

Phylogenetic mapping

Dataset: PC scores, CovMatrix, RawData_Cochlea, Procrustes coordinates

Data type: PC scores

Phylogeny: Phylogeny_RawData_Cochlea

Method: weighted squared-change parsimony

The tree is rooted.

Tree length: 0.17879403

Permutation test against the null hypothesis of no phylogenetic signal

Number of randomization rounds: 10000

P-value: 0.0001

Canonical Variate Analysis: CVA ...RawData_Cochlea

Dataset: RawData_Cochlea

Classification criterion: environment

Groups Observations

- | | | |
|----|-------------|----|
| 1. | coastal | 15 |
| 2. | continental | 8 |
| 3. | marine | 7 |
| 4. | polar | 2 |

Variation among groups, scaled by the inverse of the within-group variation

	Eigenvalues	% Variance	Cumulative %
1.	2.22758787	51.966	51.966
2.	1.43064974	33.375	85.341
3.	0.62836562	14.659	100.000

Mahalanobis distances among groups:

	coastal	continental	marine
continental	3.1004		
marine	2.9290	4.0431	
polar	3.8287	3.8110	3.7697

P-values from permutation tests (10000 permutation rounds) for Mahalanobis distances among groups:

	coastal	continental	marine
continental	0.0001		
marine	0.0038	0.0007	
polar	0.8362	0.9276	1.0000

Procrustes distances among groups:

	coastal	continental	marine
continental	0.0804		
marine	0.0837	0.1172	
polar	0.0997	0.0914	0.1228

P-values from permutation tests (10000 permutation rounds) for Procrustes distances among groups:

	coastal	continental	marine
continental	0.0106		
marine	0.0230	0.0003	
polar	0.3767	0.3501	0.1122

Canonical coefficients:

	CV1	CV2	CV3
x1	-0.2324		-0.9645
y1	-1.4598		-0.1671
z1	2.4094		0.5825
x2	-0.4452		-1.1070
y2	-0.4820		-1.5338
z2	2.4384		1.4017
x3	-1.1975		-2.2582
y3	0.3667		-2.0500
z3	2.4060		1.7685
x4	-1.0653		-1.7544
y4	0.8040		-2.8616
z4	2.0176		2.2274
x5	-0.6187		-1.6372
y5	1.2566		-3.2039
z5	1.7632		2.2978
x6	0.3300		-0.9596
y6	1.6226		-3.2720
z6	1.6235		2.5022
x7	0.2268		-0.1221
y7	2.1291		-3.1415
z7	1.2324		3.0630
x8	-0.3156		-0.0394
y8	2.5101		-2.6544
z8	0.4952		3.1847
x9	-0.6109		-0.1484
y9	2.7947		-1.9986

z9	-0.1980	3.0734	2.0243
x10	-1.0504	-0.1834	-0.7969
y10	3.1635	-1.1520	-0.4575
z10	-0.5182	2.0936	2.5060
x11	2.9733	0.0006	-3.8674
y11	5.4234	-1.0215	-3.0761
z11	-2.5639	2.1039	3.4858
x12	3.0122	-0.9120	-3.3395
y12	7.0517	-1.0915	-4.6381
z12	-3.5194	2.0440	3.6239
x13	2.5262	-1.9092	-2.2353
y13	7.8754	-1.2542	-5.4759
z13	-4.3939	2.2265	3.7327
x14	2.0105	-2.6272	-1.2759
y14	7.7983	-1.6217	-5.7825
z14	-4.9974	2.3072	3.8520
x15	1.6631	-3.1462	-0.7495
y15	7.0311	-1.7849	-5.2699
z15	-4.9458	2.4935	3.6974
x16	1.2162	-3.2242	-0.4941
y16	5.6134	-1.8456	-4.2673
z16	-4.3566	2.7962	3.3541
x17	0.2162	-3.3668	-0.0721
y17	2.2709	-2.3332	-1.6122
z17	-2.5562	3.0071	1.7371
x18	0.2028	-3.4120	-0.8149
y18	1.0885	-1.4865	-1.5549
z18	-1.8383	3.2048	0.9598

x19	0.6029	-3.2725	-2.0068
y19	-0.3215	-1.0084	-1.7082
z19	-1.4563	3.6634	0.9698
x20	0.4091	-2.3884	-2.8895
y20	-0.9992	-1.1952	-1.5228
z20	-1.4535	4.2269	0.2790
x21	0.8921	-3.0411	-3.1467
y21	-1.5203	-0.2309	-2.1740
z21	-1.6560	4.7565	-0.9219
x22	0.9095	-3.2395	-1.6634
y22	-1.7424	0.0794	-3.1573
z22	-2.2361	5.4542	-1.1554
x23	0.7225	-3.1623	-1.1597
y23	-2.0571	-0.4789	-3.1581
z23	-2.5838	6.0874	-1.3743
x24	0.9003	-3.4201	-0.8669
y24	-2.4112	-0.3421	-2.9224
z24	-2.7183	6.2124	-1.9261
x25	0.8515	-3.7055	-0.4171
y25	-2.4193	-0.3202	-2.4395
z25	-2.9686	6.2097	-2.3160
x26	0.5031	-4.0968	0.8893
y26	-2.5488	0.3702	-2.0276
z26	-3.1831	5.7520	-2.1076
x27	0.4913	-4.7477	1.6206
y27	-2.4513	0.7827	-1.1711
z27	-3.8642	5.6957	-1.9153
x28	0.4956	-5.3332	2.4791

y28	-2.5502	0.8807	0.1802
z28	-4.5045	5.7867	-1.8416
x29	0.5226	-3.3262	1.2837
y29	-1.6279	1.0003	1.3069
z29	-3.7908	4.2319	-0.4499
x30	0.9382	-1.6147	0.1914
y30	-0.7941	1.1754	2.5986
z30	-2.6397	2.7545	1.7504
x31	0.8764	-0.3799	-1.0308
y31	-0.9267	1.0368	3.1358
z31	-2.0121	1.7426	0.7095
x32	0.3705	0.4551	-1.7292
y32	-1.2030	0.1946	4.3019
z32	-1.0269	1.0147	0.0291
x33	-0.2279	0.7209	-1.9212
y33	-1.4353	-0.3739	5.5338
z33	-0.1243	1.3083	-0.8972
x34	-0.2728	0.4522	-1.8266
y34	-1.6249	-0.2679	6.0647
z34	0.3781	1.7628	-1.9957
x35	0.2743	-0.3561	-1.7265
y35	-1.7170	0.2526	6.5822
z35	0.7555	1.8512	-2.8653
x36	0.2294	-0.8782	-1.5590
y36	-1.7453	0.4459	6.7794
z36	1.6157	0.9964	-3.3141
x37	1.9922	-4.8498	-2.4326
y37	-0.2084	-3.4194	1.0580

z37	0.2205	-3.7571	0.4171
x38	1.0105	-4.2273	-2.8002
y38	0.7371	-4.8563	0.2109
z38	1.1068	-2.9472	0.4971
x39	0.2131	-3.8097	-3.1226
y39	1.4323	-4.8142	-1.6505
z39	0.7823	-0.0992	0.4640
x40	0.0927	-2.2579	-3.2279
y40	2.1588	-3.8914	-2.6057
z40	1.4350	0.1473	0.8963
x41	-0.2775	-1.1140	-2.9047
y41	3.0027	-3.5593	-3.1777
z41	2.2225	-0.1721	1.7913
x42	-0.7003	-0.3875	-2.5370
y42	3.5061	-3.1132	-3.4252
z42	3.1407	-0.7374	2.5545
x43	-0.8888	-0.0509	-2.2716
y43	3.7821	-2.4075	-3.7675
z43	4.2834	-3.3570	3.4627
x44	-0.8953	0.3770	-2.7271
y44	3.7698	-1.6767	-1.8936
z44	3.6588	-4.3788	0.7392
x45	-0.0837	-0.2906	-3.6524
y45	2.5958	-1.6874	-1.6549
z45	0.6795	1.4584	2.6397
x46	-0.0025	-1.4815	-2.0622
y46	2.7796	-2.0067	-1.8580
z46	0.2684	0.0330	1.4479

x47	-0.8546	-0.3859	-0.5329
y47	2.8483	-2.2835	-1.8985
z47	0.8001	1.4809	-0.3803
x48	0.5726	0.0046	-1.1735
y48	2.3616	-1.2780	-0.8595
z48	-0.8479	1.1915	1.8732
x49	0.4641	-0.0743	-0.3130
y49	2.3446	-0.2746	-1.2255
z49	-0.9356	1.1741	1.3183
x50	0.5283	-0.1490	0.1078
y50	2.1823	0.2177	-1.3031
z50	-1.0658	1.1204	1.2221
x51	0.5955	-0.2302	0.3528
y51	2.0007	0.4990	-1.1144
z51	-0.9523	0.7631	1.7730
x52	0.5633	-0.4313	0.3250
y52	1.7341	0.3183	-0.6773
z52	-1.0874	0.2641	2.4473
x53	0.2619	-0.7042	0.0665
y53	2.0156	-1.5993	-0.3352
z53	-0.8863	-0.0541	2.4438
x54	-0.0029	-1.3680	-0.4015
y54	1.4829	-2.2238	1.1790
z54	-1.6638	2.6069	2.5943
x55	-0.0107	-1.9421	-0.8040
y55	0.7337	-0.3095	1.9091
z55	-1.2186	3.9605	1.8327
x56	-4.5455	4.4004	1.5678

y56	-0.4159	2.9557	-1.0503
z56	-1.0054	-0.9446	-2.8888
x57	-3.9737	3.8380	1.7125
y57	0.8167	1.7721	-1.5433
z57	-1.2270	-1.1605	-2.9835
x58	-2.1213	3.2322	0.2920
y58	1.6528	1.5243	-1.5570
z58	-1.5862	-1.1756	-2.6136
x59	-0.7865	2.1740	0.2862
y59	1.8759	0.7515	-1.0878
z59	-1.3334	-0.5271	-2.8407
x60	-0.6501	2.1301	1.3544
y60	2.0399	0.1849	-1.0219
z60	-1.1759	-0.2805	-3.0677
x61	-0.8989	2.3706	1.2729
y61	2.1272	-0.1126	-1.2032
z61	-0.9296	-0.0374	-3.1692
x62	-0.3946	2.5893	0.9344
y62	2.0143	-0.1962	-0.7490
z62	-0.5811	0.1649	-3.0815
x63	0.5243	0.6776	0.1918
y63	1.8983	-0.1936	-0.2082
z63	-0.5487	0.3711	-2.7086
x64	0.8494	0.5701	1.0379
y64	2.0456	1.3600	0.5247
z64	0.0628	0.1621	-2.6189
x65	0.2553	-2.7239	-1.7913
y65	0.8810	-0.5364	-0.8759

z65	-0.1109	0.4496	-2.1958
x66	3.1843	-1.3887	-3.2274
y66	0.1359	0.1994	-0.1447
z66	-0.6779	1.0823	-2.0047
x67	1.9158	-1.7220	-0.3714
y67	-0.0410	0.5956	-0.9113
z67	-0.8178	1.7758	-2.0347
x68	1.9375	-0.8999	-0.7082
y68	-0.7928	0.7098	-0.5150
z68	-1.0359	2.3349	-1.8943
x69	1.6124	-0.3459	-0.5813
y69	-1.2641	0.8221	-0.1923
z69	-1.2021	2.9379	-1.8544
x70	1.5318	-0.2979	-0.8083
y70	-1.5243	1.0763	0.2839
z70	-1.3810	3.5696	-1.8162
x71	1.4653	0.1557	-0.8266
y71	-1.5460	1.4603	0.9585
z71	-1.5414	4.1568	-1.7883
x72	1.3428	1.1186	-0.3254
y72	-0.9223	1.4858	1.4188
z72	-1.6838	4.8350	-1.8498
x73	2.5146	1.6677	-0.3106
y73	-0.7656	1.4484	1.8290
z73	-1.9980	5.6677	-1.9400
x74	2.9086	1.6779	-0.3655
y74	-1.2215	1.8611	3.1035
z74	-2.1656	5.9949	-2.2556

x75	0.9008	1.1978	-2.6283
y75	1.3825	1.9026	-1.2493
z75	-1.4145	-2.0933	1.5315
x76	0.8593	1.3157	-1.0659
y76	1.5127	2.9267	-1.0218
z76	-1.5969	-0.4421	0.7405
x77	0.5324	1.1928	-0.2659
y77	1.6485	3.1306	-0.1658
z77	-1.5539	2.3029	1.6158
x78	0.2689	1.2202	0.4372
y78	1.5465	2.4815	-0.1500
z78	-1.5606	3.7204	2.0763
x79	0.2072	1.2368	0.9936
y79	1.7409	1.8153	-0.4736
z79	-1.3260	2.5288	0.7345
x80	0.2898	1.0525	1.1896
y80	2.0617	1.6358	-0.6351
z80	-1.2690	1.3851	-0.6367
x81	0.4821	0.8626	1.1020
y81	2.6069	1.1745	-0.6307
z81	-0.4081	0.1093	-1.3927
x82	0.5670	0.7938	0.6663
y82	3.3298	-0.3869	-0.7951
z82	1.4942	-2.3051	-1.1081
x83	0.6310	0.7550	0.5052
y83	3.7920	-2.1466	-1.6332
z83	2.4295	-2.8822	-1.7248
x84	0.5515	0.7108	0.4887

y84	2.8366	-2.6934	-1.5495
z84	1.6764	-2.5938	-1.3896
x85	0.6707	0.4157	0.9441
y85	1.9885	-3.0414	-1.2593
z85	1.7854	-2.5868	-1.2611
x86	0.7135	0.2839	1.2968
y86	1.3507	-3.3278	-1.1128
z86	1.9906	-3.0065	-0.9324
x87	0.7216	0.0856	1.4624
y87	0.7717	-3.5863	-1.0013
z87	2.3628	-3.4716	-1.2017
x88	0.6985	-0.1355	1.5499
y88	0.3747	-3.7214	-0.9852
z88	2.3089	-3.4866	-0.8983
x89	0.7587	-0.4121	1.3857
y89	-0.0325	-3.4134	-0.9218
z89	2.6897	-3.7049	-1.3392
x90	0.7718	-0.7510	1.0266
y90	-0.2362	-2.6783	-0.9729
z90	2.5479	-3.5588	-1.8293
x91	0.7849	-1.2901	0.4221
y91	-0.4579	-1.4472	-1.1376
z91	2.3266	-2.9425	-2.2930
x92	0.6755	-1.6473	-0.3700
y92	-0.6682	-1.0742	-1.5741
z92	1.7425	-1.1658	-2.7590
x93	0.4450	-1.8943	-1.3893
y93	-0.2021	-0.8940	-1.4955

z93	1.0198	0.5226	-3.2492
x94	-1.6845	-0.9226	-0.7506
y94	-0.3708	-0.1445	-0.0845
z94	0.2060	-2.2239	0.3527
x95	-1.7495	-1.1267	-1.2251
y95	-0.8692	-1.3094	1.4040
z95	1.2166	-2.2088	-1.4707
x96	-1.4586	-1.3643	-1.6636
y96	-0.2168	-1.4434	0.0658
z96	1.3719	-2.5959	-1.9418
x97	-1.3451	-1.5935	-1.8234
y97	0.4318	-1.7036	-0.8304
z97	0.6858	-2.8147	-1.2893
x98	-1.3050	-1.5025	-1.8163
y98	0.6280	-2.0777	-0.7291
z98	0.7493	-2.2847	-1.1448
x99	-1.3046	-1.1992	-1.8253
y99	0.8316	-2.4396	-0.2069
z99	0.3807	-1.3530	-1.5117
x100	-1.2429	-0.6295	-1.7438
y100	0.6480	-2.0371	0.2557
z100	-0.2147	0.2119	-2.1331
x101	-1.2050	-0.1251	-1.5015
y101	0.1647	-1.5141	0.3946
z101	-0.2709	1.0586	-2.8291
x102	-1.0408	0.5269	-1.0962
y102	0.2385	-1.0136	0.3393
z102	0.1938	1.9166	-3.4720

x103	-0.9169	1.2408	-0.6972
y103	-0.0261	0.5317	-0.1176
z103	0.0842	3.5036	-4.3689
x104	-1.5407	0.8908	1.7369
y104	-0.1654	-0.6945	0.5329
z104	3.1409	0.2695	-0.5418
x105	-2.2554	1.3421	2.2422
y105	-0.5312	-0.7849	0.8873
z105	2.9619	-0.0186	-0.4511
x106	-2.1869	1.5791	2.8458
y106	-0.2402	-1.2291	1.2504
z106	2.7351	-0.3522	-0.4348
x107	-1.8850	1.0353	2.6643
y107	-0.0879	-1.7792	1.1458
z107	2.4945	-0.5333	-0.2938
x108	-1.8302	0.1501	2.9392
y108	-0.0797	-1.9824	1.1228
z108	2.3147	-0.6798	-0.1788
x109	-1.8638	-0.3034	2.8852
y109	0.0163	-1.9476	0.9278
z109	2.1433	-0.7693	-0.0789
x110	-1.7967	-0.4369	3.0203
y110	0.0906	-1.7382	0.5885
z110	1.9636	-0.7749	-0.1285
x111	-1.8870	-0.9887	3.1530
y111	0.3758	-1.2705	0.2380
z111	1.8487	-0.7521	-0.3477
x112	-1.2923	-1.7094	2.8187

y112	0.6708	-0.8331	-0.3211
z112	1.6874	-0.5783	-0.5287
x113	-0.5584	-2.7060	2.0534
y113	0.2549	0.5870	-0.2568
z113	1.5180	-0.3909	-0.5459
x114	-0.9109	0.9176	-0.2019
y114	-2.5785	3.2318	1.7267
z114	1.9641	-2.2832	2.6629
x115	-0.6028	0.3151	0.6557
y115	-2.1366	1.3710	1.7904
z115	1.1837	-1.6353	3.1517
x116	-0.2413	-0.3037	1.1050
y116	-1.7979	0.0886	1.8719
z116	1.1224	-1.0944	2.7790
x117	0.0162	-0.7003	1.5145
y117	-1.6250	-1.2376	2.1178
z117	0.7649	-0.7732	3.1205
x118	0.0663	-1.2453	1.6375
y118	-1.3743	-2.2408	2.0084
z118	0.3518	-1.5770	3.0244
x119	-0.0355	-1.8649	1.6920
y119	-1.0298	-2.4945	1.8345
z119	-0.1660	-2.0508	3.5125
x120	-0.2721	-2.3543	1.6436
y120	-0.4049	-2.2299	1.2226
z120	-0.8382	-1.8680	4.0152
x121	-0.4435	-2.7211	1.2521
y121	0.3053	-1.5790	0.4843

z121	-0.5134	-1.3641	3.6987
x122	-0.3844	-2.9919	0.5212
y122	0.4461	-0.4488	-0.0022
z122	0.5476	-0.9381	2.8612
x123	-0.3036	-3.0885	-0.4748
y123	-0.3098	1.3381	0.7705
z123	1.4896	-0.5612	1.9353
x124	-0.2073	3.2362	-1.1148
y124	-0.7860	8.4154	-0.5244
z124	1.3323	10.5225	1.0025
x125	-2.7847	0.4914	-3.2101
y125	-1.7510	-0.0411	0.1756
z125	1.2593	1.3246	-7.4785
x126	-3.6560	2.6285	-0.8531
y126	-2.9293	-0.6473	1.4241
z126	1.3162	4.5197	-2.4247
x127	-6.7916	3.7122	3.2654
y127	-5.2167	1.5806	2.9764
z127	1.1914	2.4023	-0.7378
x128	-6.8374	2.0270	8.6162
y128	-5.1718	3.0636	4.2417
z128	0.8801	1.2650	1.8229
x129	-7.2634	1.2341	8.6529
y129	-5.0059	3.0382	2.6197
z129	0.6829	1.7010	-1.3281
x130	-2.8662	-4.2823	5.9302
y130	-3.8730	1.1657	1.8792
z130	1.6049	-1.3528	-2.7498

x131	0.3982	-6.9848	2.1115
y131	-2.2426	0.8193	0.2035
z131	3.5817	-3.3902	-5.2387
x132	-1.4861	-1.8731	2.7259
y132	-2.5938	4.8670	-0.7130
z132	3.0951	-0.7476	-5.8891
x133	-1.2559	-1.6857	2.8350
y133	-2.7870	5.4534	-1.6380
z133	2.8277	-1.1965	-5.4260
x134	-1.2117	-0.8234	2.0906
y134	-2.9034	4.2338	0.4904
z134	3.8842	-1.6857	-4.5004
x135	-1.2004	-0.5534	1.8787
y135	-2.9157	3.7908	2.4882
z135	4.6491	-2.5339	-3.2496
x136	-0.9649	-0.4895	1.2856
y136	-3.0957	2.6833	3.2360
z136	4.9614	-3.4549	-2.6740
x137	-0.6065	-1.1855	0.9907
y137	-3.1003	1.4153	3.3722
z137	4.8568	-4.6173	-1.9147
x138	-0.9899	-0.5722	1.7670
y138	-3.8639	1.7959	3.7152
z138	3.9540	-4.5801	-0.8442
x139	-1.1324	0.0343	2.6775
y139	-4.6508	2.5630	3.7677
z139	2.6713	-3.4915	-0.0744
x140	-0.5190	-0.6895	3.3837

y140	-4.4641	2.8290	2.7284
z140	1.8472	-2.5919	0.4815
x141	0.3253	-2.0864	4.4292
y141	-4.4496	2.3297	1.7731
z141	1.4206	-3.8465	1.0897
x142	0.6843	-2.9207	6.0327
y142	-4.2282	2.3398	0.4317
z142	0.7264	-3.7875	1.8714
x143	-0.1856	0.2661	6.3123
y143	-3.0489	0.9175	-1.6973
z143	-0.2478	-3.4562	1.3738
x144	-0.7330	2.4911	6.0878
y144	-3.2909	2.3334	-1.4704
z144	-1.6922	-0.7923	2.1802
x145	-0.9462	4.1349	5.7665
y145	-1.2583	-0.4334	-4.0698
z145	-1.8746	-1.4597	1.5163
x146	-1.1310	5.9058	5.3253
y146	-1.0358	0.0423	-3.4580
z146	-2.2881	-1.3067	0.5479
x147	-0.8610	6.2279	4.3909
y147	0.2296	-0.9155	-4.1587
z147	-2.6756	-0.6189	0.5615
x148	-0.8009	6.1797	3.7210
y148	0.5122	0.3293	-2.4948
z148	-2.6651	0.0305	0.0458
x149	-1.0163	6.0837	3.2876
y149	1.1775	-0.1592	-2.0875

z149	-2.2761	1.2968	-0.4259
x150	-0.7906	4.0168	0.6624
y150	0.9206	3.0823	2.7471
z150	-2.0831	1.6825	-2.3197
x151	0.9932	1.8192	0.0591
y151	0.2829	4.6785	5.3681
z151	-1.5261	2.8354	-2.6328
x152	1.6862	0.6148	1.6106
y152	0.8454	2.6136	2.1099
z152	-1.0920	1.7465	-1.1539
x153	1.3277	0.0332	2.5215
y153	1.2148	1.5732	-0.1993
z153	-0.5295	0.3475	0.6494
x154	0.8553	0.3254	2.3111
y154	-0.1852	3.0205	0.4873
z154	0.3552	-1.6800	0.6858
x155	0.8671	0.7667	0.7700
y155	1.0744	1.2000	-1.9721
z155	0.0593	-1.5722	1.2239
x156	1.1178	0.5804	0.0602
y156	1.3036	0.5635	-3.3074
z156	0.2332	-2.0206	1.1937
x157	1.0255	1.3037	-0.0844
y157	1.8503	0.2234	-4.6345
z157	-0.1161	-1.3669	1.6514
x158	1.1064	0.8585	-0.8540
y158	2.0092	-0.3160	-5.4860
z158	-0.4234	-1.5839	1.0702

x159	1.3990	0.8414	-1.2321
y159	1.2390	1.0764	-4.7483
z159	0.2724	-2.9073	-0.7274
x160	1.7030	1.6098	-1.8043
y160	1.3970	0.5906	-5.3746
z160	-0.3275	-1.0377	-0.6979
x161	1.1001	1.0920	-1.1609
y161	1.6997	1.1896	-4.8191
z161	-0.2335	-1.1245	-1.1118
x162	0.8150	0.4729	-0.5378
y162	1.9071	0.9461	-4.3684
z162	-0.0334	0.1307	-1.8487
x163	0.4892	-0.1973	-0.2065
y163	1.9352	1.2256	-4.2090
z163	0.2661	-0.1553	-1.7356
x164	0.0299	0.1019	0.0807
y164	1.9964	2.0179	-3.6763
z164	0.2771	-0.9643	-1.7385
x165	-0.3677	-0.7225	0.6591
y165	1.6360	1.3468	-2.5543
z165	0.5193	-0.3226	-2.2553
x166	-0.7295	-0.2876	0.9143
y166	1.5119	1.8940	-1.7523
z166	0.5493	-0.7258	-2.2821
x167	-0.5343	-0.2407	0.4384
y167	1.8931	1.5361	-1.9510
z167	-0.0551	-1.1880	-1.7207
x168	-0.8670	-0.3617	0.2282

y168	1.2798	0.7194	-1.5967
z168	0.0998	-0.9929	-1.3348
x169	-0.8099	-0.5012	-0.2768
y169	1.1137	0.5146	-1.0741
z169	-0.2381	-1.2608	-0.5923
x170	-0.2149	0.1141	-1.2526
y170	2.1652	-0.0048	-1.7255
z170	-0.0455	-0.7999	-1.1246
x171	0.4467	-0.4182	-1.7665
y171	2.8992	-0.6522	-1.8559
z171	-0.0136	-0.3481	-1.8244
x172	0.4522	0.6422	-2.1261
y172	2.1439	1.8277	-1.6477
z172	0.4023	-0.9243	-2.5649
x173	0.5457	0.5276	-2.4624
y173	2.1762	2.1414	-1.9703
z173	0.5567	-0.9116	-2.8162
x174	0.4372	0.2595	-1.9837
y174	2.0393	2.3197	-1.8460
z174	0.7153	-1.1583	-2.7636
x175	0.5058	0.4337	-1.4757
y175	1.9659	3.4360	-1.5610
z175	0.7126	-1.1353	-2.7219
x176	0.4286	0.4331	-1.4744
y176	1.1467	4.9696	-2.0215
z176	0.7187	-0.9143	-2.8261
x177	0.8700	-0.6643	-1.2935
y177	1.1178	4.7309	-2.8763

z177	1.2204	-0.7040	-4.1375
x178	-0.1285	-2.7583	2.5362
y178	0.4801	3.3455	-0.8743
z178	0.4545	-1.4447	-2.2980
x179	-0.2674	-3.1410	4.4378
y179	-2.9230	0.3596	3.6472
z179	-2.1498	-1.2279	0.4550
x180	-0.4570	-2.7447	4.9653
y180	-2.4856	-0.4324	2.6786
z180	-0.4026	-1.9130	-0.5725
x181	-0.8282	-1.0474	4.2770
y181	-2.2913	1.8778	1.0825
z181	0.1198	-1.7131	-0.2165
x182	-0.9461	-0.5826	4.6626
y182	-2.1120	0.2496	2.4359
z182	0.2031	-2.7661	0.6285
x183	-0.8869	0.7004	4.1060
y183	-2.4034	-0.8956	1.8239
z183	0.0756	-3.0535	1.7561
x184	-1.2948	1.6747	3.3355
y184	-2.2547	0.4170	2.3352
z184	-0.1471	-3.5814	3.7339
x185	-1.2438	2.1074	4.1737
y185	-1.7053	3.0244	-0.2253
z185	0.0603	-4.3037	5.4956
x186	-3.0798	4.6430	2.2866
y186	0.1581	1.6795	-3.1197
z186	-0.1481	-3.2519	5.6444

x187	-2.6265	7.0951	-1.0140
y187	0.1808	1.1257	-1.5289
z187	-0.6476	-3.5365	8.7398
x188	-2.2255	4.4656	1.3861
y188	-1.8615	-1.3938	-5.2039
z188	-2.3184	2.2401	8.0954
x189	-3.1453	2.0067	0.3490
y189	-0.8719	-0.9674	0.0075
z189	-5.1568	4.0039	10.2778
x190	-2.0799	0.1926	-0.0523
y190	2.0246	-2.5267	-3.0078
z190	-4.1268	4.9480	9.0756
x191	-0.6833	-0.1440	0.6910
y191	-1.9160	0.4957	-1.1946
z191	-2.5265	5.0149	6.2831
x192	0.5375	-1.5103	1.7296
y192	-2.1024	1.8243	-0.8536
z192	-1.8580	5.8493	4.3868
x193	1.5879	-2.3491	3.1701
y193	-1.5979	2.2623	-0.3970
z193	-1.5986	5.7637	2.6066
x194	2.3351	-2.8041	4.8780
y194	-2.5142	2.1605	0.7029
z194	-1.5501	2.4411	3.0224
x195	3.3214	-1.9597	4.3419
y195	-4.2415	-0.9325	5.1193
z195	0.4335	-1.9507	1.4029
x196	4.6865	-0.0426	2.9218

y196	-3.4713	-3.3790	6.2684
z196	0.4959	-0.2392	-1.9743
x197	-0.9865	2.3524	2.5527
y197	-4.7605	-2.8901	-0.8885
z197	-0.6743	-1.1423	-1.2569
x198	0.7462	1.6245	1.6713
y198	-3.7025	-3.5308	1.0335
z198	-1.3357	0.8369	-0.6010
x199	1.3513	2.1898	0.1110
y199	-1.6585	-5.3037	0.7858
z199	-1.0051	0.5439	0.3414
x200	0.6601	3.8646	-0.1353
y200	-2.2755	-2.7362	0.6331
z200	0.3721	-0.6310	0.6847
x201	1.0325	3.7642	-0.6713
y201	-1.9122	-2.5835	1.0689
z201	0.2541	-0.9984	0.5817
x202	1.3311	3.3427	-1.3041
y202	-1.2623	-1.9048	1.5988
z202	0.2737	-1.5223	0.4009
x203	1.6360	2.4186	-1.7059
y203	-0.8240	-2.8239	1.7722
z203	0.7709	-2.2758	0.0446
x204	1.8504	0.4577	-1.9652
y204	-0.9676	-3.5575	1.4784
z204	1.0144	-3.1732	-0.4509
x205	2.1408	-1.9243	-2.3327
y205	-0.4328	-4.8397	0.9238

z205	0.8549	-3.8944	-0.2700
x206	1.9922	-4.8498	-2.4326
y206	-0.2084	-3.4194	1.0580
z206	0.2205	-3.7571	0.4171
x207	0.4229	-4.5838	-1.9113
y207	0.1466	0.8753	0.5185
z207	-0.4130	-3.3277	1.2842
x208	-0.7495	-3.7515	-1.4400
y208	-0.2790	1.7419	0.5178
z208	-1.0544	-3.3286	1.8336
x209	-1.6906	-2.8381	-1.1353
y209	-0.0370	3.1613	1.2161
z209	-1.1946	-3.1324	2.0995
x210	-2.6132	-1.8968	-0.8631
y210	0.3412	2.2233	1.2286
z210	-1.8394	-3.2050	2.0849
x211	-3.1810	-0.5062	-0.3707
y211	0.9549	1.9694	0.5645
z211	-1.2476	-2.9175	1.5267
x212	-3.9335	0.3604	0.0362
y212	-0.2323	2.7387	1.0510
z212	-2.0711	-2.9449	0.9959
x213	-4.1845	1.6718	0.3961
y213	0.1987	2.4264	0.5286
z213	-1.5065	-2.3170	0.0471
x214	-4.3542	3.0780	1.1448
y214	-0.3212	2.4488	-0.6504
z214	-1.1406	-1.8181	-1.2732

x215	-4.5455	4.4004	1.5678
y215	-0.4159	2.9557	-1.0503
z215	-1.0054	-0.9446	-2.8888
x216	-4.0200	4.4632	1.2677
y216	-0.2773	0.3920	-2.8418
z216	-1.3149	-0.9675	-2.0995
x217	-3.3181	3.6183	-0.2546
y217	-1.3240	0.6781	-1.1652
z217	-1.6950	-0.5263	-1.1024
x218	-2.5518	3.2573	-0.8333
y218	-0.3627	2.3006	-1.4573
z218	-1.6312	-0.3429	-0.3433
x219	-1.6082	2.5200	-1.6244
y219	-0.4940	3.4976	-0.9080
z219	-1.7129	-0.3606	0.3235
x220	-0.8560	1.7293	-1.9580
y220	-1.0665	4.1317	-1.2438
z220	-1.5629	-0.6952	0.9606
x221	-0.2281	1.7555	-2.2830
y221	-0.3082	3.9520	-1.2911
z221	-1.6011	-0.8925	1.1680
x222	0.2286	1.4186	-2.4274
y222	0.0915	3.5793	-1.8659
z222	-1.4675	-1.2611	1.5084
x223	0.7997	1.3954	-2.7931
y223	0.0217	2.3919	-0.9204
z223	-1.3046	-1.7058	1.1017
x224	0.9008	1.1978	-2.6283

y224	1.3825	1.9026	-1.2493
z224	-1.4145	-2.0933	1.5315
x225	-0.3742	0.0913	-2.8055
y225	1.8763	2.2950	0.0246
z225	-0.4051	-2.0275	0.8711
x226	-0.8325	-0.3715	-2.3310
y226	1.0894	1.3686	-0.3676
z226	0.5311	-1.5734	0.9814
x227	-1.2139	-1.3202	-2.5729
y227	0.4384	2.2265	0.9624
z227	1.3197	-1.8562	0.5905
x228	-1.4588	-1.9933	-2.7904
y228	0.2152	3.1504	1.0426
z228	1.8756	-2.0860	0.4307
x229	-1.9461	-2.4222	-2.5550
y229	0.7164	3.2390	0.3554
z229	1.8152	-2.2517	0.4976
x230	-1.9409	-2.5736	-2.9427
y230	0.2593	1.7315	1.2846
z230	1.6531	-2.2728	0.6095
x231	-1.8647	-2.7770	-3.2658
y231	0.7284	1.1509	1.3015
z231	0.9126	-2.1066	0.7983
x232	-1.2194	-3.1353	-3.2860
y232	-0.0428	1.2163	0.7877
z232	0.2254	-2.2898	1.2109
x233	-0.1789	-3.3543	-3.6716
y233	-1.1117	0.8409	0.9666

z233	-0.6298	-2.6251	1.5597
x234	-0.1870	-2.4005	-3.0140
y234	0.1185	1.7145	0.1755
z234	-0.6778	-2.9785	1.6682
x235	-0.0334	-1.5867	-2.6389
y235	0.1875	2.1240	-0.2585
z235	-0.4072	-3.1886	1.6913
x236	0.1487	-0.7757	-2.3619
y236	0.3058	2.3982	-0.4431
z236	-0.1062	-3.3994	1.5623
x237	0.0050	-0.1791	-2.1401
y237	-0.2735	2.5274	0.1986
z237	0.3818	-3.6076	1.1046
x238	-0.0934	0.0783	-1.7032
y238	-0.1928	1.9242	-0.1586
z238	0.3097	-3.0764	1.1977
x239	-0.4765	0.1455	-1.3299
y239	0.0817	1.2618	-0.1538
z239	0.0209	-2.6916	1.2098
x240	-0.8258	0.0437	-1.0674
y240	-0.4258	0.6474	0.0985
z240	0.2035	-2.4940	1.0280
x241	-1.2633	-0.3056	-0.8034
y241	-0.9788	0.4920	0.5680
z241	0.4153	-2.4641	0.4822
x242	-1.6845	-0.9226	-0.7506
y242	-0.3708	-0.1445	-0.0845
z242	0.2060	-2.2239	0.3527

x243	-1.0694	-0.4064	-0.8744
y243	-0.2515	-1.5160	1.2140
z243	0.4098	-2.7011	-0.6649
x244	-0.6088	0.1986	-1.0170
y244	-0.2303	-1.4597	1.2182
z244	0.5956	-3.3333	-0.9530
x245	-0.1844	0.4342	-1.2708
y245	-0.0100	-1.9975	0.6165
z245	0.9266	-3.6639	-1.2067
x246	0.0140	0.8068	-1.0746
y246	-0.0300	-1.8174	0.8554
z246	1.1528	-3.7629	-1.4025
x247	-0.0106	1.2599	-0.7667
y247	-0.1535	-1.1156	0.8626
z247	1.4687	-3.5909	-1.4054
x248	-0.0383	1.3233	-0.3258
y248	0.1248	-1.2563	0.9900
z248	1.8284	-3.1230	-1.4354
x249	-0.5158	1.4791	0.3558
y249	-0.2415	-0.6450	1.1395
z249	2.2381	-2.2198	-1.2248
x250	-1.2435	1.1936	1.2356
y250	-0.5852	-0.6920	1.2475
z250	2.7185	-1.1164	-0.9750
x251	-1.5407	0.8908	1.7369
y251	-0.1654	-0.6945	0.5329
z251	3.1409	0.2695	-0.5418
x252	-1.6471	1.0010	1.3568

y252	-0.7734	0.2983	0.7419
z252	3.1952	-0.9228	0.1133
x253	-1.5947	0.8361	1.0566
y253	-0.9221	0.5130	0.9295
z253	3.0164	-1.7032	0.9693
x254	-1.5703	0.5797	0.7220
y254	-1.1370	0.5628	0.9910
z254	2.8603	-2.4069	1.6559
x255	-1.5371	0.6215	0.4748
y255	-1.5727	1.0676	1.1759
z255	2.7455	-2.8722	2.1267
x256	-1.5039	0.5297	0.2858
y256	-1.6619	1.4028	1.2526
z256	2.6680	-3.2129	2.4015
x257	-1.3321	0.5786	0.0117
y257	-1.7308	1.5762	1.1034
z257	2.6059	-3.3443	2.4899
x258	-1.2686	0.6190	-0.0607
y258	-2.1833	2.1904	1.3259
z258	2.4133	-3.2187	2.5416
x259	-1.1186	0.7650	-0.1205
y259	-2.7358	2.7407	1.5545
z259	2.0895	-2.7946	2.5762
x260	-0.9109	0.9176	-0.2019
y260	-2.5785	3.2318	1.7267
z260	1.9641	-2.2832	2.6629
x261	-0.3181	-0.4034	-0.3924
y261	-1.6021	1.0977	0.1367

z261	0.8253	-0.7964	3.4535
x262	0.4275	-1.3190	-0.5239
y262	-1.4491	-0.4085	-0.0525
z262	-0.2239	0.7117	4.1113
x263	1.2172	-2.0740	-0.5752
y263	-1.0292	-1.4590	-0.2663
z263	-0.4083	1.3153	3.4888
x264	1.4255	-3.1177	0.3355
y264	-0.4208	-1.8637	-0.6285
z264	-0.5686	1.7831	2.8976
x265	1.4137	-2.8944	1.2083
y265	0.4911	-3.1470	-0.5787
z265	-0.4842	2.0091	2.2784
x266	2.0323	-3.0136	1.6536
y266	0.6425	-3.1195	0.7661
z266	-0.3027	2.0781	1.4588
x267	3.0046	-2.4564	2.1900
y267	-0.1532	-3.3431	2.9442
z267	-0.2958	0.9114	0.2016
x268	3.8501	-1.2839	3.3144
y268	-2.0995	-4.2994	5.0157
z268	-0.5959	-0.9828	-0.5729
x269	4.6865	-0.0426	2.9218
y269	-3.4713	-3.3790	6.2684
z269	0.4959	-0.2392	-1.9743
x270	0.5933	6.2909	1.8953
y270	1.0983	-3.5787	-2.7854
z270	-1.5510	2.3338	0.2312

x271	1.1420	6.1821	1.5587
y271	1.0755	-1.3951	-4.0314
z271	-1.5713	2.4937	0.7081
x272	1.1628	5.3818	1.8927
y272	0.9860	0.3080	-5.1075
z272	-1.6049	2.7618	1.3530
x273	1.1568	4.0271	2.6756
y273	0.8846	1.6443	-6.0296
z273	-1.7626	2.9490	1.9424
x274	1.4211	3.8213	3.1788
y274	0.6325	2.4531	-6.5928
z274	-1.9563	2.8842	2.2224
x275	1.5734	2.7752	3.0726
y275	0.2946	2.7700	-6.6404
z275	-2.0314	2.9619	2.2053
x276	1.6638	2.8455	2.9775
y276	-0.2791	2.8627	-6.4719
z276	-2.0243	2.7617	2.0841
x277	2.0386	2.3403	2.9481
y277	-0.8806	2.4185	-5.9882
z277	-2.0189	2.5784	1.8295
x278	2.4911	1.8103	2.4656
y278	-1.5303	1.5940	-5.3234
z278	-1.9431	2.3600	1.4778
x279	3.0069	1.7644	2.0067
y279	-2.2721	0.5941	-4.2971
z279	-1.9185	1.9621	0.9487
x280	2.8365	1.8956	1.8150

y280	-1.8235	-0.3911	-3.7212
z280	-1.6526	0.6333	0.4971
x281	2.8120	2.2993	1.4169
y281	-1.2861	-0.9970	-3.2131
z281	-1.5557	-0.6153	0.0569
x282	2.6544	2.5380	1.0486
y282	-1.0357	-1.6716	-2.7709
z282	-1.4447	-1.5777	-0.2176
x283	2.4297	2.8123	0.6854
y283	-0.8804	-2.1229	-2.1360
z283	-1.5126	-2.3595	-0.3894
x284	2.4289	2.8617	0.2716
y284	-0.5974	-2.5376	-1.6875
z284	-1.7551	-2.9944	-0.3879
x285	2.4630	2.9303	-0.2806
y285	-0.3817	-2.8316	-1.3175
z285	-2.1062	-3.4373	-0.2928
x286	2.3278	3.4598	-0.6262
y286	-0.3493	-2.6067	-0.6809
z286	-2.6519	-3.7203	-0.1251
x287	2.6992	3.5222	-0.9163
y287	-0.1183	-2.5753	-0.0341
z287	-3.2756	-3.7541	0.1638
x288	2.7316	3.1801	-1.0180
y288	0.0041	-2.5499	0.4205
z288	-4.0741	-3.5887	0.6255
x289	2.6957	4.3155	-0.8530
y289	0.3974	-1.4276	0.7683

z289	-4.0286	-4.0735	0.1640
x290	3.3750	4.7573	-1.2409
y290	0.9430	-0.8216	0.6686
z290	-3.7269	-4.4479	-0.4872
x291	3.2053	5.3587	-0.9285
y291	1.2532	0.0228	0.9200
z291	-3.4525	-4.4824	-0.9889
x292	3.0516	5.9678	-0.6621
y292	1.4092	0.7201	1.1721
z292	-3.0739	-4.2240	-1.5564
x293	2.7164	6.1690	-0.0069
y293	1.3884	1.3152	1.5301
z293	-2.6394	-3.7952	-1.8632
x294	2.0170	6.1242	0.5360
y294	1.2384	1.7844	1.7683
z294	-2.1616	-3.1412	-2.2671
x295	1.3804	6.0804	1.3192
y295	1.0682	1.9400	1.7145
z295	-1.5023	-2.1776	-2.5350
x296	0.6649	5.5025	2.2558
y296	0.7808	2.1329	1.7913
z296	-0.6980	-1.1062	-2.7004
x297	-0.3291	4.7577	3.3535
y297	0.2678	2.2069	1.9112
z297	0.0246	0.1126	-2.6847
x298	-0.9244	4.2117	3.6360
y298	0.3711	2.3402	0.7345
z298	-0.2577	1.5441	-1.6971

x299	-1.0945	3.0752	3.1892
y299	0.5908	2.2282	-0.4105
z299	-0.1259	2.2018	-1.2485
x300	-1.5630	2.2717	3.0799
y300	0.6859	2.1325	-1.2075
z300	-0.5244	2.8289	-0.3718
x301	-1.8695	1.3042	2.4586
y301	0.8248	1.8973	-1.8215
z301	-1.0407	2.6709	-0.3694
x302	-1.8388	0.7012	2.1364
y302	1.0458	1.6148	-2.1565
z302	-1.2533	2.6107	-0.0072
x303	-1.5489	0.3073	1.9272
y303	1.2929	1.3899	-2.2324
z303	-1.3173	2.5246	0.7737
x304	-0.9855	-0.0741	1.4495
y304	1.5472	1.0857	-2.0859
z304	-1.2090	1.6538	1.0128
x305	-0.2843	-0.1600	0.9270
y305	1.8253	0.7605	-1.7258
z305	-1.1264	1.0498	1.1567
x306	0.5642	-0.1946	0.2396
y306	2.0909	0.3773	-1.2691
z306	-1.0044	1.0195	1.4319
x307	0.4936	0.4235	0.0551
y307	2.2575	0.9731	-1.4558
z307	-1.0969	-0.1231	1.0700
x308	0.4270	0.9695	-0.2478

y308	2.2512	1.4060	-1.4612
z308	-1.0690	-0.6781	0.9069
x309	0.2783	1.0005	-0.4787
y309	2.0933	1.5424	-1.3930
z309	-0.9080	-0.3252	0.5028
x310	0.3903	1.2015	-0.5097
y310	1.8558	1.6522	-1.3339
z310	-1.1746	-0.3597	0.1044
x311	0.5767	1.1564	-0.5056
y311	1.4994	1.6701	-1.1877
z311	-1.2806	-0.0275	-0.3710
x312	0.6967	0.3959	-0.5688
y312	0.9877	1.5768	-0.9261
z312	-1.2697	0.8769	-0.7920
x313	0.8392	0.8028	-0.3045
y313	0.2995	1.5219	-0.7208
z313	-1.2543	1.1356	-1.2275
x314	1.0116	0.1323	-0.5454
y314	-0.5067	1.3737	-0.3844
z314	-1.2647	2.1891	-1.4926
x315	1.4699	-0.2561	-0.6011
y315	-1.4118	0.9029	0.0047
z315	-1.2810	3.2489	-1.8415
x316	2.0187	-1.1451	-0.3335
y316	-1.6193	0.3202	-0.0400
z316	-1.6848	1.9433	-1.0782
x317	2.7488	-2.3960	-1.0637
y317	-1.7122	-0.0922	0.0335

z317	-1.8988	0.7329	-0.5775
x318	3.2445	-3.0873	-1.2360
y318	-1.6771	-0.4890	0.0064
z318	-1.8657	-0.3201	-0.2361
x319	3.2886	-3.0575	-1.1223
y319	-1.5363	-0.8959	-0.1149
z319	-1.7343	-1.1475	0.0066
x320	3.7540	-2.9234	-1.4082
y320	-1.5101	-1.3110	-0.0247
z320	-1.0765	-1.7741	-0.1289
x321	3.7718	-2.5882	-1.0968
y321	-1.4153	-1.7309	-0.0094
z321	-0.0881	-2.3198	-0.1985
x322	3.1223	-2.3016	-0.5342
y322	-1.1803	-2.3046	-0.0621
z322	0.8416	-3.2610	-0.4994
x323	2.1188	-1.5111	0.2056
y323	-0.6905	-2.7141	-0.1645
z323	1.9487	-3.9685	-1.5088
x324	0.7247	-0.2686	1.5103
y324	0.1675	-3.6352	-0.9653
z324	2.5654	-3.5556	-0.9901
x325	0.2424	0.3936	-0.1158
y325	-0.0449	-2.8718	-0.9827
z325	2.8459	-3.3807	-1.3520
x326	-0.2441	0.9734	-1.5546
y326	-0.3585	-2.1675	-0.9283
z326	3.4761	-2.8622	-1.3058

x327	-0.6390	1.3345	-2.5624
y327	-0.4624	-1.5668	-1.0138
z327	3.2800	-1.7644	-1.4602
x328	-0.8437	1.6829	-3.3927
y328	-0.4115	-1.0218	-1.2145
z328	2.7745	-1.2196	-0.9461
x329	-1.0845	1.7490	-3.7380
y329	-0.7085	-0.3225	-1.0854
z329	2.3916	-0.5872	-0.7002
x330	-1.3824	2.0562	-3.7488
y330	-0.8537	0.3821	-0.8528
z330	1.8798	-0.4231	-0.1997
x331	-1.4401	2.0128	-3.7739
y331	-0.9924	0.8491	-0.8729
z331	0.9909	-0.2237	0.8357
x332	-1.0720	1.6427	-3.7666
y332	-0.9766	1.3048	-0.9684
z332	-0.0170	-0.0430	1.9855
x333	-0.9984	1.8213	-3.6815
y333	-1.1011	2.1657	-1.1339
z333	-0.9411	-0.2640	3.0652
x334	-1.5102	1.2231	-3.2771
y334	0.0685	2.4824	-2.0411
z334	-1.1024	-0.5187	3.0674
x335	-1.2636	0.6153	-4.0452
y335	1.0680	2.3748	-2.9917
z335	-1.2228	-0.8033	2.9216
x336	-1.0905	0.0261	-4.1023

y336	1.6542	2.1640	-3.3187
z336	-1.1529	-1.0312	2.4658
x337	-1.0752	-0.4061	-3.4447
y337	2.0807	1.8642	-3.2644
z337	-0.9844	-1.0688	2.2540
x338	-0.8945	-0.9790	-3.2795
y338	2.1921	1.4540	-2.9645
z338	-0.6723	-1.3211	1.6875
x339	-1.0549	-0.9203	-3.2683
y339	2.1167	0.9434	-2.6793
z339	-0.6527	-1.0460	0.8915
x340	-1.0211	-1.0370	-2.9755
y340	2.0148	-0.0548	-2.0889
z340	-0.3319	-0.7071	0.3573
x341	-1.1796	-1.4269	-2.6169
y341	1.5849	-1.3423	-1.1789
z341	-0.0522	-1.3321	-0.7638
x342	-1.3778	-1.4204	-1.7997
y342	0.7483	-2.2816	-0.4695
z342	0.5185	-1.8334	-1.1722
x343	-1.0124	-1.9170	-1.2254
y343	0.7495	-2.2827	0.3288
z343	0.2648	-2.3884	-1.1700
x344	-0.7156	-2.4299	-0.6454
y344	0.6574	-2.1341	0.9688
z344	0.1229	-2.6531	-1.0848
x345	-0.5809	-2.6248	-0.0647
y345	0.5584	-1.8313	1.2530

z345	0.2722	-3.0522	-0.8952
x346	-0.6336	-2.4116	0.6519
y346	0.5000	-1.7596	1.3778
z346	0.5194	-3.5349	-0.9561
x347	-0.8947	-2.2224	1.2114
y347	0.4125	-1.8287	1.5455
z347	1.0283	-3.3400	-0.8965
x348	-0.9663	-1.3263	1.8333
y348	0.3524	-2.0106	1.5998
z348	1.1218	-3.5992	-0.9725
x349	-1.2046	-1.1915	2.2587
y349	0.2274	-2.1445	1.7437
z349	1.4707	-2.6454	-0.6385
x350	-1.4551	-0.5213	3.1551
y350	0.1087	-2.1951	1.4399
z350	1.7700	-1.8434	-0.5433
x351	-1.9845	-0.0528	2.9837
y351	-0.0829	-1.9173	1.0969
z351	2.2672	-0.7857	-0.1709
x352	-1.9045	-0.2666	3.0246
y352	0.4063	-2.6554	-0.6840
z352	2.0623	-1.3398	-0.0233
x353	-2.2516	-0.1541	3.0918
y353	0.5202	-2.9236	-1.7095
z353	1.9299	-1.9111	0.0970
x354	-2.3823	0.2139	2.8935
y354	0.5344	-3.0043	-2.3026
z354	1.7399	-2.1731	0.1941

x355	-2.3349	0.2084	2.6776
y355	0.4748	-3.0299	-2.4853
z355	1.5294	-2.3102	0.5318
x356	-2.2785	0.1023	2.5456
y356	0.3174	-2.9779	-2.2740
z356	1.1634	-2.2946	1.0023
x357	-2.0291	-0.2568	2.7361
y357	0.0905	-2.9537	-1.7521
z357	0.7594	-2.4214	1.9226
x358	-1.5117	-0.2789	2.4179
y358	-0.2028	-2.9235	-0.9749
z358	0.3937	-1.9245	2.3839
x359	-0.7679	-0.8035	2.1212
y359	-0.6465	-2.7798	0.2791
z359	0.2223	-1.7797	2.9802
x360	0.0944	-1.5197	1.6569
y360	-1.2081	-2.4452	1.9395
z360	0.2592	-1.8847	3.0243
x361	1.0722	-3.2072	-1.3633
y361	-0.8338	-2.6346	0.5637
z361	0.1451	-2.0570	4.1957
x362	2.1641	-4.7997	-3.7076
y362	-0.4351	-2.9643	-0.5398
z362	0.6387	-3.5473	3.1409
x363	2.4676	-5.1030	-4.7104
y363	-0.5354	-3.0296	-1.0671
z363	1.9424	-5.2024	1.6807
x364	2.7545	-4.6298	-5.1210

y364	-0.4572	-2.3232	-1.1417
z364	2.2804	-6.7422	0.7399
x365	2.7099	-3.9871	-4.8691
y365	-1.1963	-2.2910	-0.7705
z365	2.7939	-6.7271	-0.1595
x366	2.7063	-2.9121	-4.4551
y366	-2.3304	-2.3078	-0.0519
z366	2.9113	-5.7460	-0.8707
x367	2.8174	-1.6959	-2.7458
y367	-3.9102	-2.9648	1.2865
z367	2.2475	-4.3367	-1.8979
x368	4.0152	0.7608	-0.1681
y368	-4.0878	-2.6057	2.9850
z368	0.7252	-2.8975	-3.0393
x369	4.7145	0.3891	2.3637
y369	-3.4148	-2.5073	5.1414
z369	0.4926	-0.2905	-1.9081
x370	0.8187	1.1095	-3.0766
y370	3.2145	-2.9915	2.3263
z370	-4.6252	2.2860	1.7100
x371	0.6547	1.3476	-3.4218
y371	2.5526	-1.6976	3.0721
z371	-2.4849	0.1122	1.0827
x372	0.4008	1.2375	-2.0651
y372	2.1721	-1.1893	3.3477
z372	-1.0443	-0.7968	0.8951
x373	-0.1506	1.4446	-0.5161
y373	2.5124	-1.3609	3.0255

z373	-0.3786	-0.8876	1.3555
x374	-0.2145	1.0486	0.3697
y374	2.4084	-0.8466	2.5005
z374	0.7123	-1.0556	1.6371
x375	-0.4302	0.7899	0.8335
y375	2.2245	0.0375	2.6160
z375	1.7273	-1.0161	1.2569
x376	-0.7339	0.7716	1.1241
y376	2.2012	0.3146	2.1826
z376	2.5758	-0.1048	1.0769
x377	-0.8524	0.5314	1.1697
y377	1.8060	1.5143	2.4165
z377	3.5975	0.6980	0.2746
x378	-0.9011	0.3569	1.0944
y378	1.7327	1.8019	2.2156
z378	4.3712	2.3855	-0.3859
x379	-1.0059	0.1497	0.7882
y379	1.7955	1.3629	2.6466
z379	5.0781	4.5527	-1.1497
x380	-1.0246	0.0317	1.0860
y380	1.3419	0.1879	2.2137
z380	4.0835	5.3347	-1.5128
x381	-1.0464	0.0223	1.3190
y381	1.0378	-0.8043	1.8302
z381	3.1470	5.8255	-1.8120
x382	-1.1379	0.1928	1.6221
y382	1.2196	-2.0197	1.5182
z382	2.4665	5.7965	-2.0184

x383	-0.9826	0.1362	1.6596
y383	0.6675	-1.9825	1.8613
z383	1.7458	5.8417	-2.0753
x384	-0.8823	0.2530	1.7749
y384	0.6174	-2.1252	1.8090
z384	1.2094	5.4177	-2.0097
x385	-0.7969	0.1846	1.6823
y385	0.6565	-1.4015	2.1263
z385	0.7155	4.9804	-1.5479
x386	-0.7445	0.5509	1.7974
y386	0.9464	-1.4566	1.6679
z386	0.4269	3.9415	-1.2174
x387	-0.4166	0.7093	1.7019
y387	0.6349	-0.3788	1.8566
z387	-0.0057	2.8667	-0.4545
x388	-0.3317	1.4900	2.0511
y388	0.9083	0.0367	1.5448
z388	-0.2802	1.2704	0.2892
x389	-0.0344	-0.3057	1.2884
y389	0.5731	-0.3787	1.8774
z389	-0.6347	1.9623	1.3162
x390	0.0212	-1.4561	0.7849
y390	0.6040	-0.4872	1.9025
z390	-0.8417	2.7264	1.9535
x391	-0.0758	-1.9635	0.1935
y391	0.9860	-0.5473	2.0975
z391	-0.9576	3.3065	2.1937
x392	0.0128	-1.8844	-0.4311

y392	0.7752	-0.6757	1.9877
z392	-1.1163	3.7288	2.0060
x393	0.0320	-1.6215	-1.2711
y393	0.4896	-0.1732	2.2618
z393	-1.3757	4.1119	1.6385
x394	0.0354	-0.7482	-2.1491
y394	0.3231	0.4908	2.4932
z394	-1.6278	4.3959	0.9595
x395	-0.0188	0.5304	-3.0718
y395	0.2004	1.0586	2.3960
z395	-1.9530	4.7655	0.0751
x396	-0.0569	2.3624	-4.1204
y396	-0.1702	1.8906	2.9014
z396	-2.3062	4.9417	-0.8300
x397	-0.2179	4.8832	-5.1079
y397	0.1353	2.1338	2.8412
z397	-2.5147	4.8663	-2.1296
x398	0.7736	4.3539	-3.6934
y398	-0.1025	1.8646	3.5717
z398	-2.7460	5.4557	-2.0962
x399	1.5456	3.6672	-2.4450
y399	-0.9103	2.2898	3.7103
z399	-2.8449	6.0557	-2.0542
x400	2.2064	3.0020	-1.4213
y400	-0.9867	2.4930	3.3505
z400	-2.6690	6.1981	-2.1907
x401	2.6965	2.1812	-0.6087
y401	-1.1183	2.2824	3.4073

z401	-2.3608	6.0171	-2.3497
x402	3.0531	1.1947	0.0040
y402	-1.2918	1.7996	2.5495
z402	-1.9058	5.6978	-2.2778
x403	3.1775	0.1572	0.3385
y403	-0.8440	0.7007	1.5210
z403	-1.2675	5.1769	-2.1957
x404	3.1222	-1.2102	0.3795
y404	-0.5976	0.7793	0.9851
z404	-0.4748	4.3129	-2.2908
x405	2.9709	-2.6172	0.0446
y405	-0.3010	0.5444	0.5325
z405	0.4588	3.2727	-2.3950
x406	2.6851	-3.9524	-0.3887
y406	-0.1373	-0.2392	-0.8303
z406	1.5609	2.0818	-2.4146
x407	2.5290	-3.5801	-1.0261
y407	-0.2002	-0.2342	-1.3612
z407	1.7598	1.3972	-3.4390
x408	2.0224	-2.9733	-1.2443
y408	-0.0467	-0.8908	-1.9665
z408	1.6932	1.0840	-3.8103
x409	1.5408	-2.3685	-1.4513
y409	-0.3172	-1.4824	-1.8566
z409	1.5020	0.8160	-3.9066
x410	0.9063	-2.1504	-1.5683
y410	-0.5289	-0.7364	-1.2444
z410	1.2676	0.4592	-3.6758

x411	0.1367	-1.7725	-1.3161
y411	-0.6594	-0.3946	-0.9404
z411	0.8521	0.4502	-2.8136
x412	-0.7856	-1.2220	-0.8283
y412	-0.8710	-0.0730	-0.0476
z412	0.2971	0.6206	-1.4843
x413	-1.7582	-0.7176	-0.0295
y413	-1.3105	0.0576	0.5693
z413	-0.5204	1.0024	0.5470
x414	-2.9310	-0.0146	1.0084
y414	-1.5065	-0.2069	1.5725
z414	-1.4618	1.4866	3.0417
x415	-4.0806	0.8102	2.1611
y415	-2.6318	-0.1414	2.8667
z415	-2.4177	2.1857	6.0095
x416	-2.7339	0.7527	-0.5441
y416	-2.2900	-0.7862	1.8624
z416	-2.7171	2.7626	5.4645
x417	-1.6115	0.7536	-2.6288
y417	-1.4022	-0.5172	0.6633
z417	-2.9558	3.1261	4.8863
x418	-0.7970	0.8773	-4.0073
y418	-0.2523	-0.2677	-0.7088
z418	-2.9698	3.2026	4.0263
x419	-0.1811	0.8329	-4.9635
y419	-0.3835	0.9744	-0.3341
z419	-2.8942	3.3854	3.0369
x420	0.1454	0.7977	-5.3172

y420	-0.1253	0.8290	-0.6308
z420	-2.5641	3.5469	1.7792
x421	0.2583	0.7673	-5.0841
y421	-0.0650	0.7671	-1.0972
z421	-2.0705	3.6593	0.4646
x422	0.1231	0.8644	-4.2141
y422	0.1503	0.5911	-1.2077
z422	-1.4585	3.6147	-1.0077
x423	-0.2387	1.0156	-2.7791
y423	-0.0075	0.9817	-0.8006
z423	-0.7423	3.5926	-2.5889
x424	-0.9169	1.2408	-0.6972
y424	-0.0261	0.5317	-0.1176
z424	0.0842	3.5036	-4.3689
x425	-0.5871	0.9915	-0.3674
y425	0.1110	0.3892	-0.0895
z425	0.3372	3.5557	-4.6007
x426	-0.3636	0.7153	-0.0296
y426	0.3736	0.3963	0.2134
z426	0.5963	3.4149	-4.6519
x427	-0.1722	0.3914	0.3160
y427	0.1779	0.7130	0.2940
z427	0.7660	3.1207	-4.5514
x428	-0.1483	-0.0180	0.6372
y428	0.0347	0.3937	0.5970
z428	0.9608	2.7199	-4.2651
x429	-0.0832	-0.3845	0.9691
y429	0.2523	0.2716	0.7572

z429	1.1120	2.1967	-3.8252
x430	-0.1169	-0.8875	1.2972
y430	0.4121	0.2598	0.2933
z430	1.2221	1.7147	-3.2166
x431	-0.1619	-1.4100	1.5203
y431	0.6024	0.3149	0.2638
z431	1.3311	1.1068	-2.4489
x432	-0.3268	-2.0273	1.7565
y432	0.2263	-0.0078	0.1410
z432	1.4345	0.3714	-1.5587
x433	-0.5584	-2.7060	2.0534
y433	0.2549	0.5870	-0.2568
z433	1.5180	-0.3909	-0.5459
x434	-0.8483	-2.7776	2.2838
y434	0.0481	0.4720	-0.2236
z434	1.4919	0.5381	-1.0607
x435	-1.0414	-2.9070	2.3345
y435	-0.2138	0.7996	0.0660
z435	1.4697	1.2731	-1.3590
x436	-1.1514	-2.9422	2.2682
y436	-0.4972	0.7854	0.4625
z436	1.4432	1.7627	-1.4280
x437	-1.2537	-3.0001	2.1123
y437	-0.4837	0.8678	0.6217
z437	1.4229	1.9954	-1.3417
x438	-1.2964	-3.0515	1.8934
y438	-0.3127	0.7993	0.6567
z438	1.3947	1.9601	-1.0991

x439	-1.1706	-3.0508	1.5238
y439	-0.3489	0.8513	0.7834
z439	1.4003	1.7323	-0.6261
x440	-1.0272	-3.0919	1.0497
y440	-0.1623	0.7886	0.4277
z440	1.4028	1.1796	0.0218
x441	-0.7212	-3.1138	0.3678
y441	-0.1459	0.9193	0.4107
z441	1.4603	0.3834	0.8640
x442	-0.3036	-3.0885	-0.4748
y442	-0.3098	1.3381	0.7705
z442	1.4896	-0.5612	1.9353
x443	-0.2898	-2.5650	-1.5809
y443	-0.4007	0.8915	0.8966
z443	1.5370	-0.3528	2.7515
x444	-0.2476	-2.2523	-2.2948
y444	-0.1980	0.8363	0.9566
z444	1.4262	-0.1397	3.3626
x445	-0.0210	-1.9421	-2.6255
y445	0.0802	0.9882	0.8411
z445	1.3540	-0.0347	3.7102
x446	0.4378	-1.5542	-2.6367
y446	0.1697	1.0281	0.6178
z446	1.3524	0.0248	3.6958
x447	1.1416	-0.9789	-2.2991
y447	0.0124	0.9761	0.3220
z447	1.3805	0.0747	3.2788
x448	2.0892	-0.2320	-1.6668

y448	-0.2161	0.3227	0.2042
z448	1.4861	0.1853	2.2430
x449	3.4806	0.2718	-0.8141
y449	-0.7588	-0.2272	0.4781
z449	1.6776	0.4173	0.0999
x450	4.7666	0.4975	0.5844
y450	-2.2517	-1.7983	2.7172
z450	1.3529	-0.1167	-1.8858
x451	4.7145	0.3891	2.3637
y451	-3.4148	-2.5073	5.1414
z451	0.4926	-0.2905	-1.9081