

Table S1. Instrumental (NH10-JJA) and proxy-based (CER) summer (June through August) temperatures with the lower (L95) and upper (U95) bounds of the 95% range around the reconstructed temperature, described by temperature deviation (°C) from the preindustrial 1850-1900 reconstruction mean.

Year (AD)	NH10-JJA	CER	L95	U95
1	N/A	-0.482	-0.802	-0.131
2	N/A	-0.262	-0.621	0.159
3	N/A	-0.421	-0.750	-0.056
4	N/A	-0.206	-0.689	0.253
5	N/A	-0.308	-0.647	0.080
6	N/A	-0.475	-0.914	0.008
7	N/A	0.351	-0.074	0.770
8	N/A	-0.163	-0.675	0.434
9	N/A	-0.325	-0.869	0.370
10	N/A	-0.301	-0.755	0.326
11	N/A	-0.285	-0.672	0.342
12	N/A	-0.782	-1.393	-0.197
13	N/A	-0.211	-0.611	0.187
14	N/A	-0.116	-0.482	0.253
15	N/A	-0.535	-0.932	-0.080
16	N/A	-0.683	-1.164	-0.139
17	N/A	0.132	-0.382	0.656
18	N/A	-0.343	-0.788	0.109
19	N/A	-0.116	-0.533	0.323
20	N/A	-0.513	-0.811	-0.156
21	N/A	-1.017	-1.504	-0.453
22	N/A	-0.479	-0.783	-0.109
23	N/A	-0.310	-0.612	0.064
24	N/A	-0.694	-1.051	-0.229
25	N/A	0.139	-0.291	0.585
26	N/A	0.193	-0.253	0.682
27	N/A	-0.074	-0.397	0.276
28	N/A	-0.102	-0.450	0.271
29	N/A	-0.888	-1.437	-0.342
30	N/A	-0.180	-0.533	0.236
31	N/A	-0.066	-0.349	0.256
32	N/A	0.488	0.045	0.916
33	N/A	0.327	-0.093	0.763
34	N/A	0.656	0.280	1.034
35	N/A	0.835	0.354	1.316
36	N/A	-0.082	-0.372	0.303
37	N/A	0.103	-0.182	0.429
38	N/A	0.055	-0.252	0.393
39	N/A	0.173	-0.212	0.628
40	N/A	-0.378	-0.817	0.054

41	N/A	0.168	-0.214	0.579
42	N/A	0.158	-0.298	0.623
43	N/A	0.290	-0.239	0.800
44	N/A	-0.068	-0.536	0.380
45	N/A	-0.417	-0.872	0.041
46	N/A	-0.593	-1.071	-0.107
47	N/A	0.064	-0.450	0.571
48	N/A	-0.100	-0.451	0.275
49	N/A	-0.333	-0.880	0.167
50	N/A	-0.070	-0.475	0.337
51	N/A	-0.341	-0.866	0.155
52	N/A	-0.343	-0.695	0.040
53	N/A	0.019	-0.500	0.499
54	N/A	0.119	-0.224	0.493
55	N/A	0.340	-0.159	0.859
56	N/A	-0.471	-0.956	-0.026
57	N/A	-0.710	-1.034	-0.358
58	N/A	-0.543	-1.044	-0.090
59	N/A	-0.726	-1.193	-0.257
60	N/A	-0.310	-0.698	0.153
61	N/A	0.266	-0.139	0.683
62	N/A	-0.302	-0.717	0.118
63	N/A	0.196	-0.162	0.591
64	N/A	0.526	0.168	0.905
65	N/A	0.176	-0.334	0.691
66	N/A	-0.206	-0.475	0.166
67	N/A	0.011	-0.333	0.401
68	N/A	-0.568	-0.815	-0.213
69	N/A	-0.193	-0.556	0.215
70	N/A	-0.077	-0.465	0.347
71	N/A	0.193	-0.193	0.604
72	N/A	-0.135	-0.379	0.179
73	N/A	0.070	-0.289	0.461
74	N/A	-0.389	-0.701	-0.027
75	N/A	-0.066	-0.306	0.217
76	N/A	-0.279	-0.505	-0.003
77	N/A	-0.009	-0.266	0.277
78	N/A	-0.787	-1.104	-0.357
79	N/A	-0.154	-0.365	0.112
80	N/A	-0.036	-0.293	0.261
81	N/A	-0.912	-1.162	-0.578
82	N/A	-0.423	-0.624	-0.159
83	N/A	-0.446	-0.718	-0.128
84	N/A	-0.397	-0.580	-0.156
85	N/A	-0.768	-1.028	-0.419
86	N/A	-0.296	-0.570	0.040
87	N/A	-0.349	-0.635	0.006

88	N/A	0.068	-0.295	0.443
89	N/A	0.178	-0.214	0.663
90	N/A	0.061	-0.220	0.393
91	N/A	-0.148	-0.419	0.230
92	N/A	0.087	-0.182	0.408
93	N/A	-0.437	-0.736	-0.058
94	N/A	-0.956	-1.280	-0.533
95	N/A	-0.510	-0.755	-0.233
96	N/A	-0.095	-0.355	0.208
97	N/A	-0.084	-0.531	0.368
98	N/A	-0.501	-0.751	-0.183
99	N/A	0.178	-0.146	0.526
100	N/A	-0.209	-0.660	0.206
101	N/A	-0.093	-0.520	0.329
102	N/A	-0.250	-0.669	0.168
103	N/A	-0.012	-0.364	0.352
104	N/A	0.151	-0.097	0.437
105	N/A	0.343	-0.019	0.735
106	N/A	-0.389	-0.663	-0.051
107	N/A	0.348	0.010	0.714
108	N/A	0.055	-0.261	0.389
109	N/A	-0.349	-0.618	-0.029
110	N/A	0.014	-0.380	0.398
111	N/A	0.091	-0.200	0.418
112	N/A	-0.318	-0.711	0.075
113	N/A	-0.061	-0.423	0.317
114	N/A	0.133	-0.232	0.555
115	N/A	0.238	-0.075	0.602
116	N/A	0.501	0.229	0.800
117	N/A	-0.048	-0.393	0.335
118	N/A	-0.318	-0.600	-0.007
119	N/A	-0.323	-0.718	0.086
120	N/A	0.218	-0.129	0.593
121	N/A	0.415	0.057	0.781
122	N/A	-0.144	-0.508	0.235
123	N/A	-0.349	-0.764	0.076
124	N/A	-0.413	-0.675	-0.069
125	N/A	0.084	-0.195	0.396
126	N/A	-0.063	-0.474	0.344
127	N/A	-0.003	-0.407	0.401
128	N/A	-0.161	-0.596	0.257
129	N/A	0.084	-0.392	0.546
130	N/A	0.055	-0.364	0.474
131	N/A	0.155	-0.272	0.563
132	N/A	-0.142	-0.597	0.253
133	N/A	-0.558	-0.916	-0.228
134	N/A	-0.710	-1.377	-0.137

135	N/A	-0.050	-0.419	0.319
136	N/A	-0.144	-0.439	0.147
137	N/A	-0.386	-0.874	0.072
138	N/A	-0.356	-0.684	0.024
139	N/A	0.254	-0.143	0.636
140	N/A	0.027	-0.370	0.409
141	N/A	-0.151	-0.663	0.308
142	N/A	-0.310	-0.765	0.124
143	N/A	-0.325	-1.014	0.216
144	N/A	-0.019	-0.397	0.349
145	N/A	-0.034	-0.357	0.287
146	N/A	-0.732	-1.185	-0.263
147	N/A	0.274	-0.143	0.687
148	N/A	-0.616	-1.056	-0.146
149	N/A	0.083	-0.340	0.498
150	N/A	-0.816	-1.357	-0.327
151	N/A	-0.767	-1.442	-0.200
152	N/A	-0.279	-0.620	0.091
153	N/A	-0.137	-0.467	0.205
154	N/A	-0.312	-0.609	0.038
155	N/A	-0.007	-0.513	0.447
156	N/A	-0.070	-0.470	0.344
157	N/A	-0.080	-0.368	0.225
158	N/A	-0.241	-0.614	0.148
159	N/A	-0.192	-0.541	0.197
160	N/A	0.267	-0.260	0.757
161	N/A	0.555	0.130	0.974
162	N/A	-0.347	-0.701	0.001
163	N/A	-0.032	-0.348	0.307
164	N/A	-0.246	-0.646	0.141
165	N/A	-0.511	-1.218	0.086
166	N/A	-0.646	-1.099	-0.163
167	N/A	0.303	-0.090	0.691
168	N/A	-0.103	-0.430	0.230
169	N/A	-0.376	-0.654	-0.058
170	N/A	-0.455	-0.842	-0.075
171	N/A	-0.362	-0.691	-0.008
172	N/A	-0.517	-0.774	-0.174
173	N/A	-0.603	-0.911	-0.259
174	N/A	-1.076	-1.562	-0.602
175	N/A	-0.750	-1.111	-0.392
176	N/A	-1.265	-1.722	-0.778
177	N/A	-1.105	-1.472	-0.631
178	N/A	-0.564	-0.917	-0.199
179	N/A	-0.755	-1.200	-0.281
180	N/A	-0.790	-1.192	-0.353
181	N/A	-0.747	-1.082	-0.374

182	N/A	-0.484	-0.995	-0.029
183	N/A	-0.002	-0.366	0.356
184	N/A	-0.481	-0.840	-0.116
185	N/A	0.158	-0.248	0.554
186	N/A	-0.154	-0.427	0.160
187	N/A	0.054	-0.325	0.432
188	N/A	0.229	-0.031	0.538
189	N/A	0.101	-0.246	0.446
190	N/A	0.043	-0.363	0.443
191	N/A	0.629	0.230	0.990
192	N/A	0.286	-0.162	0.733
193	N/A	0.244	-0.140	0.622
194	N/A	0.129	-0.279	0.519
195	N/A	0.205	-0.200	0.589
196	N/A	0.157	-0.283	0.609
197	N/A	0.353	-0.056	0.731
198	N/A	-0.057	-0.362	0.259
199	N/A	-0.468	-0.737	-0.133
200	N/A	0.046	-0.237	0.331
201	N/A	-0.028	-0.344	0.301
202	N/A	0.014	-0.267	0.315
203	N/A	-0.147	-0.433	0.141
204	N/A	-0.077	-0.399	0.333
205	N/A	0.277	-0.056	0.636
206	N/A	0.399	0.080	0.764
207	N/A	-0.355	-0.626	-0.059
208	N/A	-0.494	-0.849	-0.128
209	N/A	-0.150	-0.474	0.230
210	N/A	-0.129	-0.349	0.152
211	N/A	-0.179	-0.515	0.145
212	N/A	0.253	-0.011	0.536
213	N/A	0.497	0.179	0.800
214	N/A	0.562	0.161	0.945
215	N/A	0.187	-0.167	0.553
216	N/A	-0.007	-0.300	0.314
217	N/A	-0.029	-0.388	0.410
218	N/A	-0.003	-0.399	0.493
219	N/A	-0.048	-0.374	0.297
220	N/A	-0.458	-0.829	-0.080
221	N/A	-0.562	-1.019	-0.123
222	N/A	0.160	-0.220	0.539
223	N/A	-0.381	-0.701	0.001
224	N/A	0.045	-0.349	0.441
225	N/A	0.511	0.221	0.797
226	N/A	0.642	0.326	0.946
227	N/A	0.417	0.085	0.761
228	N/A	-0.340	-0.661	0.019

229	N/A	0.539	0.208	0.894
230	N/A	0.048	-0.292	0.381
231	N/A	0.120	-0.192	0.436
232	N/A	-0.083	-0.334	0.202
233	N/A	0.245	-0.107	0.585
234	N/A	0.476	0.126	0.824
235	N/A	0.276	-0.149	0.689
236	N/A	0.115	-0.341	0.529
237	N/A	-0.115	-0.409	0.218
238	N/A	0.386	0.073	0.700
239	N/A	0.743	0.434	1.049
240	N/A	0.767	0.496	1.050
241	N/A	0.579	0.281	0.907
242	N/A	1.285	0.901	1.635
243	N/A	0.582	0.235	0.936
244	N/A	0.499	0.232	0.783
245	N/A	1.138	0.780	1.462
246	N/A	1.289	0.896	1.627
247	N/A	0.919	0.576	1.243
248	N/A	0.845	0.451	1.198
249	N/A	0.190	-0.182	0.539
250	N/A	0.552	0.245	0.839
251	N/A	0.274	0.000	0.570
252	N/A	0.372	0.075	0.691
253	N/A	0.434	0.157	0.715
254	N/A	-0.179	-0.425	0.106
255	N/A	-0.278	-0.582	0.056
256	N/A	0.436	0.080	0.796
257	N/A	0.581	0.172	0.942
258	N/A	0.440	0.138	0.760
259	N/A	0.459	0.087	0.806
260	N/A	-0.369	-0.657	-0.013
261	N/A	0.287	-0.106	0.644
262	N/A	0.219	-0.139	0.571
263	N/A	0.605	0.198	0.983
264	N/A	0.600	0.232	0.955
265	N/A	0.321	-0.127	0.746
266	N/A	0.308	0.028	0.624
267	N/A	0.056	-0.366	0.440
268	N/A	-0.599	-1.036	-0.145
269	N/A	-0.394	-0.701	0.004
270	N/A	-0.405	-0.838	0.083
271	N/A	-1.012	-1.371	-0.583
272	N/A	-0.607	-1.063	-0.147
273	N/A	-0.604	-1.004	-0.212
274	N/A	-1.052	-1.671	-0.499
275	N/A	-0.513	-0.928	-0.106

276	N/A	-0.263	-0.716	0.157
277	N/A	-0.212	-0.561	0.149
278	N/A	0.030	-0.365	0.428
279	N/A	0.099	-0.208	0.392
280	N/A	0.521	0.150	0.896
281	N/A	0.231	-0.072	0.525
282	N/A	1.047	0.579	1.492
283	N/A	0.470	0.095	0.853
284	N/A	0.806	0.418	1.206
285	N/A	0.441	0.025	0.824
286	N/A	0.781	0.432	1.094
287	N/A	0.671	0.235	1.110
288	N/A	0.533	0.213	0.841
289	N/A	0.226	-0.034	0.523
290	N/A	-0.327	-0.669	0.024
291	N/A	0.603	0.193	0.993
292	N/A	0.367	0.069	0.646
293	N/A	-0.163	-0.521	0.173
294	N/A	0.045	-0.312	0.380
295	N/A	0.391	-0.014	0.759
296	N/A	0.637	0.235	1.010
297	N/A	0.088	-0.167	0.368
298	N/A	-0.379	-0.651	-0.046
299	N/A	0.370	-0.015	0.742
300	N/A	-0.166	-0.403	0.123
301	N/A	-0.080	-0.345	0.239
302	N/A	-0.484	-0.752	-0.142
303	N/A	0.123	-0.185	0.426
304	N/A	0.284	-0.141	0.696
305	N/A	-0.121	-0.405	0.190
306	N/A	0.298	-0.092	0.682
307	N/A	0.202	-0.220	0.638
308	N/A	0.144	-0.242	0.516
309	N/A	0.032	-0.302	0.370
310	N/A	0.298	-0.040	0.611
311	N/A	0.247	-0.195	0.662
312	N/A	-0.087	-0.362	0.202
313	N/A	-0.025	-0.277	0.250
314	N/A	0.177	-0.129	0.491
315	N/A	-0.172	-0.399	0.090
316	N/A	-0.280	-0.502	-0.014
317	N/A	0.113	-0.165	0.402
318	N/A	-0.105	-0.360	0.175
319	N/A	-0.540	-0.752	-0.265
320	N/A	-0.545	-0.781	-0.219
321	N/A	-0.909	-1.299	-0.496
322	N/A	-0.453	-0.671	-0.155

323	N/A	-0.440	-0.659	-0.150
324	N/A	0.039	-0.223	0.342
325	N/A	0.032	-0.213	0.304
326	N/A	-0.662	-0.959	-0.286
327	N/A	-0.084	-0.330	0.197
328	N/A	-0.314	-0.658	0.035
329	N/A	-0.010	-0.270	0.274
330	N/A	-0.453	-0.721	-0.106
331	N/A	-0.141	-0.486	0.271
332	N/A	0.221	-0.048	0.495
333	N/A	-0.436	-0.704	-0.099
334	N/A	-0.118	-0.358	0.152
335	N/A	-0.555	-0.823	-0.226
336	N/A	-0.556	-0.890	-0.200
337	N/A	-0.654	-1.021	-0.279
338	N/A	-0.844	-1.123	-0.481
339	N/A	-0.827	-1.274	-0.417
340	N/A	-0.597	-0.913	-0.217
341	N/A	-0.497	-0.799	-0.113
342	N/A	-0.246	-0.638	0.159
343	N/A	-0.638	-0.989	-0.249
344	N/A	-0.787	-1.231	-0.356
345	N/A	-0.572	-0.853	-0.230
346	N/A	-0.263	-0.580	0.100
347	N/A	-0.228	-0.517	0.128
348	N/A	0.026	-0.356	0.421
349	N/A	-0.005	-0.330	0.324
350	N/A	-0.156	-0.465	0.182
351	N/A	-0.516	-0.868	-0.089
352	N/A	-0.127	-0.477	0.220
353	N/A	0.022	-0.215	0.275
354	N/A	-0.416	-0.707	-0.098
355	N/A	-0.362	-0.566	-0.096
356	N/A	-0.645	-0.846	-0.356
357	N/A	-0.744	-1.044	-0.355
358	N/A	-0.132	-0.348	0.128
359	N/A	-0.430	-0.730	-0.051
360	N/A	0.010	-0.247	0.293
361	N/A	0.412	0.057	0.766
362	N/A	0.000	-0.279	0.293
363	N/A	0.312	-0.094	0.710
364	N/A	0.360	0.008	0.720
365	N/A	-0.015	-0.307	0.305
366	N/A	0.129	-0.147	0.406
367	N/A	0.212	-0.087	0.534
368	N/A	0.274	-0.021	0.595
369	N/A	-0.513	-0.804	-0.171

370	N/A	-0.353	-0.655	-0.033
371	N/A	0.033	-0.271	0.383
372	N/A	0.104	-0.170	0.403
373	N/A	0.020	-0.293	0.357
374	N/A	-0.503	-0.804	-0.145
375	N/A	-0.019	-0.319	0.325
376	N/A	0.011	-0.317	0.346
377	N/A	0.330	-0.016	0.705
378	N/A	-0.491	-0.773	-0.095
379	N/A	0.086	-0.197	0.384
380	N/A	-0.102	-0.365	0.229
381	N/A	-0.198	-0.518	0.125
382	N/A	-0.325	-0.591	-0.019
383	N/A	0.013	-0.330	0.348
384	N/A	0.138	-0.253	0.510
385	N/A	0.293	-0.088	0.658
386	N/A	0.016	-0.274	0.324
387	N/A	-0.362	-0.642	-0.053
388	N/A	-0.318	-0.641	0.029
389	N/A	-0.124	-0.350	0.145
390	N/A	-0.170	-0.436	0.136
391	N/A	-0.073	-0.434	0.312
392	N/A	-0.034	-0.333	0.295
393	N/A	-0.866	-1.108	-0.556
394	N/A	-0.625	-0.864	-0.307
395	N/A	-0.324	-0.719	0.090
396	N/A	-0.901	-1.120	-0.598
397	N/A	-0.559	-0.798	-0.240
398	N/A	-0.076	-0.422	0.308
399	N/A	-0.170	-0.386	0.088
400	N/A	0.155	-0.218	0.515
401	N/A	0.026	-0.201	0.301
402	N/A	0.229	-0.154	0.594
403	N/A	0.544	0.131	0.948
404	N/A	-0.201	-0.492	0.152
405	N/A	0.148	-0.183	0.507
406	N/A	0.707	0.282	1.124
407	N/A	0.515	0.133	0.905
408	N/A	0.482	0.117	0.854
409	N/A	0.443	0.051	0.809
410	N/A	-0.095	-0.332	0.157
411	N/A	-0.112	-0.376	0.178
412	N/A	-0.397	-0.694	-0.043
413	N/A	-0.478	-0.706	-0.178
414	N/A	-0.189	-0.458	0.087
415	N/A	-0.100	-0.389	0.238
416	N/A	-0.484	-0.776	-0.157

417	N/A	-0.082	-0.339	0.200
418	N/A	-0.125	-0.456	0.218
419	N/A	0.311	-0.136	0.725
420	N/A	-0.195	-0.537	0.149
421	N/A	-0.607	-0.906	-0.239
422	N/A	-0.507	-0.789	-0.188
423	N/A	-0.307	-0.620	0.036
424	N/A	-0.109	-0.402	0.200
425	N/A	0.046	-0.251	0.388
426	N/A	-0.478	-0.830	-0.074
427	N/A	0.036	-0.236	0.348
428	N/A	0.312	0.044	0.580
429	N/A	0.194	-0.072	0.485
430	N/A	0.643	0.336	0.937
431	N/A	-0.022	-0.273	0.258
432	N/A	0.334	0.013	0.671
433	N/A	0.680	0.346	0.997
434	N/A	0.865	0.512	1.202
435	N/A	0.833	0.505	1.169
436	N/A	-0.089	-0.355	0.250
437	N/A	0.036	-0.352	0.409
438	N/A	0.460	0.169	0.749
439	N/A	-0.407	-0.832	-0.013
440	N/A	0.152	-0.164	0.487
441	N/A	0.267	-0.053	0.594
442	N/A	0.337	-0.029	0.683
443	N/A	0.039	-0.321	0.370
444	N/A	0.434	0.145	0.726
445	N/A	-0.169	-0.514	0.171
446	N/A	0.183	-0.127	0.501
447	N/A	0.045	-0.203	0.329
448	N/A	0.200	-0.039	0.476
449	N/A	0.344	-0.050	0.737
450	N/A	0.101	-0.273	0.488
451	N/A	-0.115	-0.579	0.294
452	N/A	0.274	0.036	0.519
453	N/A	0.512	0.245	0.796
454	N/A	0.512	0.129	0.903
455	N/A	0.549	0.204	0.892
456	N/A	-0.116	-0.385	0.184
457	N/A	0.170	-0.129	0.513
458	N/A	0.751	0.391	1.081
459	N/A	0.591	0.136	1.036
460	N/A	-0.262	-0.546	0.063
461	N/A	0.054	-0.258	0.366
462	N/A	0.194	-0.133	0.523
463	N/A	-0.298	-0.682	0.070

464	N/A	-0.379	-0.658	-0.062
465	N/A	-0.466	-0.718	-0.162
466	N/A	-0.344	-0.606	-0.022
467	N/A	-0.340	-0.616	-0.021
468	N/A	-0.314	-0.561	-0.020
469	N/A	-0.327	-0.588	-0.031
470	N/A	-0.299	-0.605	0.030
471	N/A	-0.119	-0.455	0.219
472	N/A	-0.349	-0.723	0.067
473	N/A	-0.423	-0.789	-0.024
474	N/A	-0.307	-0.558	-0.010
475	N/A	-0.543	-0.880	-0.188
476	N/A	-0.620	-0.884	-0.285
477	N/A	-0.286	-0.492	0.010
478	N/A	-0.131	-0.337	0.108
479	N/A	-0.729	-1.019	-0.391
480	N/A	-0.157	-0.370	0.105
481	N/A	-0.121	-0.393	0.215
482	N/A	-0.227	-0.572	0.133
483	N/A	-0.594	-0.929	-0.243
484	N/A	-0.450	-0.719	-0.152
485	N/A	-0.254	-0.488	0.078
486	N/A	-0.549	-0.928	-0.143
487	N/A	0.081	-0.167	0.380
488	N/A	-0.551	-0.916	-0.137
489	N/A	-0.411	-0.674	-0.072
490	N/A	0.202	-0.118	0.585
491	N/A	0.158	-0.053	0.407
492	N/A	-0.099	-0.312	0.177
493	N/A	0.049	-0.126	0.287
494	N/A	0.396	0.195	0.641
495	N/A	-0.147	-0.338	0.083
496	N/A	-0.115	-0.246	0.083
497	N/A	-0.434	-0.644	-0.139
498	N/A	-0.244	-0.399	-0.027
499	N/A	0.091	-0.090	0.321
500	N/A	-0.230	-0.376	-0.007
501	N/A	-0.112	-0.313	0.164
502	N/A	0.004	-0.156	0.204
503	N/A	0.239	-0.031	0.615
504	N/A	0.160	-0.091	0.510
505	N/A	0.128	-0.061	0.350
506	N/A	-0.355	-0.610	-0.032
507	N/A	-0.299	-0.472	-0.050
508	N/A	-0.034	-0.192	0.199
509	N/A	0.011	-0.240	0.306
510	N/A	0.373	0.141	0.649

511	N/A	-0.150	-0.452	0.188
512	N/A	-0.036	-0.278	0.293
513	N/A	0.280	0.064	0.551
514	N/A	0.020	-0.206	0.296
515	N/A	-0.032	-0.258	0.260
516	N/A	-0.368	-0.738	0.029
517	N/A	0.309	0.005	0.650
518	N/A	0.284	-0.030	0.637
519	N/A	0.234	-0.038	0.577
520	N/A	0.016	-0.237	0.339
521	N/A	0.348	0.085	0.640
522	N/A	-0.349	-0.593	-0.070
523	N/A	0.221	-0.011	0.502
524	N/A	0.164	-0.119	0.475
525	N/A	0.170	-0.068	0.461
526	N/A	0.117	-0.089	0.373
527	N/A	0.573	0.236	0.977
528	N/A	-0.347	-0.664	0.048
529	N/A	-0.106	-0.387	0.264
530	N/A	0.589	0.157	1.079
531	N/A	-0.047	-0.383	0.343
532	N/A	0.027	-0.296	0.390
533	N/A	-0.108	-0.377	0.235
534	N/A	0.049	-0.204	0.347
535	N/A	0.016	-0.299	0.362
536	N/A	-2.704	-3.463	-1.854
537	N/A	-2.033	-2.559	-1.412
538	N/A	-0.858	-1.139	-0.492
539	N/A	-0.996	-1.321	-0.514
540	N/A	-1.512	-1.837	-1.075
541	N/A	-1.695	-2.030	-1.230
542	N/A	-1.590	-2.086	-1.068
543	N/A	-2.176	-2.784	-1.475
544	N/A	-1.971	-2.396	-1.422
545	N/A	-2.322	-2.879	-1.652
546	N/A	-2.139	-2.777	-1.446
547	N/A	-1.759	-2.367	-1.158
548	N/A	-1.415	-1.969	-0.826
549	N/A	-1.346	-1.776	-0.819
550	N/A	-1.566	-2.010	-1.030
551	N/A	-1.272	-1.714	-0.782
552	N/A	-1.285	-1.686	-0.770
553	N/A	-1.148	-1.504	-0.713
554	N/A	-1.207	-1.735	-0.681
555	N/A	-0.546	-0.935	-0.150
556	N/A	-0.777	-1.226	-0.306
557	N/A	-0.234	-0.524	0.109

558	N/A	-0.243	-0.570	0.134
559	N/A	0.097	-0.403	0.614
560	N/A	-0.357	-0.648	-0.014
561	N/A	-0.330	-0.675	0.041
562	N/A	-0.503	-1.025	-0.014
563	N/A	-0.459	-0.887	-0.014
564	N/A	-0.167	-0.526	0.210
565	N/A	-0.205	-0.577	0.177
566	N/A	-0.381	-0.668	-0.042
567	N/A	0.080	-0.274	0.441
568	N/A	-0.063	-0.360	0.282
569	N/A	-0.443	-1.154	0.143
570	N/A	-0.369	-0.969	0.165
571	N/A	-0.655	-0.979	-0.274
572	N/A	-0.015	-0.457	0.416
573	N/A	0.139	-0.145	0.471
574	N/A	-0.388	-0.800	0.008
575	N/A	-0.818	-1.106	-0.432
576	N/A	-0.151	-0.575	0.250
577	N/A	-0.542	-0.890	-0.145
578	N/A	-0.363	-0.823	0.070
579	N/A	-0.382	-0.812	0.039
580	N/A	-0.077	-0.583	0.376
581	N/A	-0.291	-0.627	0.093
582	N/A	-1.036	-1.318	-0.641
583	N/A	-0.039	-0.385	0.309
584	N/A	-0.100	-0.456	0.281
585	N/A	-0.002	-0.357	0.389
586	N/A	0.325	0.013	0.676
587	N/A	0.363	0.036	0.708
588	N/A	0.343	0.038	0.668
589	N/A	0.017	-0.210	0.288
590	N/A	0.148	-0.104	0.417
591	N/A	-0.103	-0.411	0.269
592	N/A	-0.036	-0.317	0.278
593	N/A	0.398	0.093	0.693
594	N/A	0.141	-0.179	0.476
595	N/A	0.703	0.279	1.108
596	N/A	-0.626	-1.063	-0.203
597	N/A	0.202	-0.051	0.492
598	N/A	-0.202	-0.440	0.101
599	N/A	-0.163	-0.373	0.115
600	N/A	0.023	-0.214	0.284
601	N/A	-0.170	-0.483	0.172
602	N/A	0.178	-0.095	0.473
603	N/A	-0.565	-0.894	-0.236
604	N/A	0.497	0.195	0.794

605	N/A	0.665	0.353	0.988
606	N/A	0.241	-0.079	0.595
607	N/A	0.115	-0.126	0.366
608	N/A	-0.077	-0.521	0.324
609	N/A	0.332	-0.028	0.692
610	N/A	-0.259	-0.675	0.130
611	N/A	-0.196	-0.631	0.210
612	N/A	0.524	0.085	0.936
613	N/A	0.566	0.165	0.978
614	N/A	0.225	-0.041	0.534
615	N/A	-0.217	-0.578	0.155
616	N/A	0.695	0.264	1.109
617	N/A	0.193	-0.269	0.641
618	N/A	0.196	-0.112	0.557
619	N/A	0.517	0.143	0.939
620	N/A	0.267	-0.212	0.740
621	N/A	0.200	-0.060	0.500
622	N/A	0.340	-0.013	0.699
623	N/A	-0.253	-0.505	0.061
624	N/A	0.091	-0.172	0.370
625	N/A	-0.079	-0.338	0.231
626	N/A	0.120	-0.177	0.436
627	N/A	-2.137	-2.931	-1.370
628	N/A	-1.329	-1.636	-0.920
629	N/A	0.369	0.048	0.717
630	N/A	0.017	-0.235	0.312
631	N/A	-0.280	-0.554	0.100
632	N/A	0.010	-0.251	0.315
633	N/A	0.209	-0.025	0.481
634	N/A	0.097	-0.118	0.349
635	N/A	-0.061	-0.256	0.188
636	N/A	-0.331	-0.571	-0.045
637	N/A	-0.295	-0.479	-0.045
638	N/A	-0.285	-0.452	-0.057
639	N/A	-0.498	-0.729	-0.220
640	N/A	-0.298	-0.538	-0.027
641	N/A	-0.193	-0.378	0.042
642	N/A	0.004	-0.182	0.234
643	N/A	-0.144	-0.374	0.135
644	N/A	-0.382	-0.765	-0.024
645	N/A	-0.282	-0.787	0.129
646	N/A	-0.013	-0.269	0.257
647	N/A	0.030	-0.231	0.328
648	N/A	-0.674	-1.182	-0.213
649	N/A	-0.066	-0.299	0.222
650	N/A	0.039	-0.277	0.359
651	N/A	-0.010	-0.408	0.374

652	N/A	0.138	-0.095	0.397
653	N/A	-0.164	-0.428	0.140
654	N/A	0.093	-0.137	0.364
655	N/A	0.115	-0.323	0.522
656	N/A	0.109	-0.120	0.375
657	N/A	0.438	0.167	0.752
658	N/A	0.051	-0.196	0.359
659	N/A	0.292	0.002	0.598
660	N/A	-0.568	-0.865	-0.262
661	N/A	-0.234	-0.538	0.117
662	N/A	-0.421	-0.693	-0.104
663	N/A	-0.337	-0.517	-0.099
664	N/A	-0.060	-0.318	0.234
665	N/A	0.316	0.095	0.589
666	N/A	0.880	0.560	1.220
667	N/A	0.404	0.128	0.701
668	N/A	0.171	-0.054	0.448
669	N/A	0.094	-0.170	0.411
670	N/A	0.093	-0.221	0.455
671	N/A	0.655	0.358	0.960
672	N/A	1.009	0.639	1.374
673	N/A	0.855	0.486	1.237
674	N/A	0.941	0.552	1.329
675	N/A	0.417	0.032	0.790
676	N/A	0.451	0.078	0.860
677	N/A	0.147	-0.219	0.544
678	N/A	0.183	-0.114	0.491
679	N/A	0.913	0.520	1.301
680	N/A	0.373	-0.005	0.763
681	N/A	-0.616	-1.117	-0.139
682	N/A	-0.572	-1.005	-0.128
683	N/A	0.010	-0.228	0.303
684	N/A	-0.007	-0.386	0.425
685	N/A	-0.703	-1.223	-0.210
686	N/A	-0.575	-0.866	-0.187
687	N/A	-1.220	-1.671	-0.732
688	N/A	-1.043	-1.566	-0.548
689	N/A	-0.767	-1.065	-0.412
690	N/A	-1.402	-1.767	-0.943
691	N/A	-0.522	-0.878	-0.136
692	N/A	-0.786	-1.159	-0.360
693	N/A	-1.015	-1.492	-0.536
694	N/A	-0.484	-0.848	-0.077
695	N/A	-0.530	-0.964	-0.130
696	N/A	-0.371	-0.794	0.043
697	N/A	-0.275	-0.609	0.059
698	N/A	-0.375	-0.755	-0.010

699	N/A	-0.208	-0.751	0.303
700	N/A	-0.310	-0.588	0.046
701	N/A	0.202	-0.124	0.523
702	N/A	-0.147	-0.457	0.205
703	N/A	0.107	-0.309	0.486
704	N/A	0.197	-0.056	0.465
705	N/A	0.620	0.196	1.040
706	N/A	-0.154	-0.583	0.268
707	N/A	-0.622	-0.899	-0.230
708	N/A	0.463	0.162	0.768
709	N/A	0.219	-0.086	0.594
710	N/A	0.054	-0.232	0.345
711	N/A	-0.095	-0.361	0.217
712	N/A	-0.466	-0.820	-0.040
713	N/A	-0.222	-0.535	0.179
714	N/A	-0.333	-0.518	-0.097
715	N/A	-0.273	-0.545	0.053
716	N/A	-0.397	-0.666	-0.101
717	N/A	-0.583	-0.913	-0.226
718	N/A	-0.325	-0.651	-0.007
719	N/A	-0.455	-0.733	-0.134
720	N/A	-0.513	-0.937	-0.108
721	N/A	-0.262	-0.493	0.033
722	N/A	0.569	0.228	0.895
723	N/A	0.273	0.027	0.547
724	N/A	0.226	-0.031	0.530
725	N/A	0.264	-0.035	0.570
726	N/A	0.059	-0.180	0.326
727	N/A	0.064	-0.199	0.367
728	N/A	0.515	0.256	0.800
729	N/A	0.115	-0.144	0.426
730	N/A	0.305	-0.009	0.646
731	N/A	0.646	0.362	0.953
732	N/A	0.271	-0.060	0.613
733	N/A	0.138	-0.249	0.534
734	N/A	0.174	-0.156	0.516
735	N/A	0.470	0.195	0.771
736	N/A	0.302	-0.098	0.696
737	N/A	-0.060	-0.403	0.366
738	N/A	-0.052	-0.351	0.236
739	N/A	0.189	-0.173	0.541
740	N/A	-0.086	-0.406	0.231
741	N/A	-0.084	-0.438	0.246
742	N/A	0.222	-0.043	0.516
743	N/A	-0.227	-0.669	0.160
744	N/A	-0.310	-0.639	0.060
745	N/A	-0.074	-0.464	0.305

746	N/A	0.151	-0.119	0.442
747	N/A	-0.218	-0.485	0.134
748	N/A	0.482	0.221	0.735
749	N/A	0.158	-0.103	0.439
750	N/A	0.152	-0.064	0.418
751	N/A	-0.010	-0.202	0.222
752	N/A	-0.469	-0.745	-0.099
753	N/A	0.100	-0.187	0.437
754	N/A	-0.047	-0.373	0.339
755	N/A	0.483	0.188	0.775
756	N/A	0.443	0.161	0.734
757	N/A	-0.013	-0.297	0.328
758	N/A	0.562	0.240	0.905
759	N/A	0.668	0.261	1.093
760	N/A	-0.188	-0.457	0.134
761	N/A	-0.099	-0.409	0.239
762	N/A	-0.076	-0.476	0.323
763	N/A	0.585	0.157	1.001
764	N/A	0.810	0.360	1.271
765	N/A	0.626	0.174	1.069
766	N/A	-0.076	-0.440	0.283
767	N/A	0.165	-0.169	0.539
768	N/A	0.589	0.115	1.061
769	N/A	0.009	-0.358	0.440
770	N/A	-0.147	-0.567	0.267
771	N/A	0.122	-0.232	0.466
772	N/A	-0.545	-0.819	-0.220
773	N/A	-0.861	-1.252	-0.435
774	N/A	-0.357	-0.708	0.013
775	N/A	-0.549	-0.838	-0.182
776	N/A	-0.095	-0.464	0.274
777	N/A	-0.787	-1.139	-0.385
778	N/A	-0.100	-0.468	0.272
779	N/A	-0.491	-0.752	-0.174
780	N/A	-0.468	-0.761	-0.120
781	N/A	-0.246	-0.625	0.141
782	N/A	-0.068	-0.464	0.330
783	N/A	-0.208	-0.558	0.151
784	N/A	-0.359	-0.697	-0.008
785	N/A	-0.185	-0.520	0.154
786	N/A	0.097	-0.304	0.520
787	N/A	-0.183	-0.601	0.221
788	N/A	-0.312	-0.808	0.149
789	N/A	-0.376	-0.844	0.067
790	N/A	0.090	-0.466	0.625
791	N/A	-0.728	-1.141	-0.296
792	N/A	0.071	-0.374	0.520

793	N/A	0.117	-0.352	0.578
794	N/A	-0.007	-0.381	0.366
795	N/A	0.016	-0.393	0.429
796	N/A	-0.328	-0.811	0.157
797	N/A	-0.400	-0.791	0.009
798	N/A	-0.087	-0.643	0.414
799	N/A	-0.421	-0.849	0.004
800	N/A	-1.370	-1.812	-0.855
801	N/A	-0.705	-1.208	-0.231
802	N/A	-0.940	-1.418	-0.436
803	N/A	-0.869	-1.196	-0.466
804	N/A	-1.041	-1.535	-0.554
805	N/A	-1.008	-1.308	-0.617
806	N/A	-1.046	-1.437	-0.568
807	N/A	-1.178	-1.563	-0.681
808	N/A	-0.658	-0.945	-0.316
809	N/A	-1.217	-1.683	-0.736
810	N/A	-1.181	-1.644	-0.679
811	N/A	-0.716	-1.205	-0.217
812	N/A	-0.254	-0.710	0.197
813	N/A	-0.744	-1.173	-0.303
814	N/A	-0.782	-1.214	-0.305
815	N/A	-0.877	-1.231	-0.470
816	N/A	-1.185	-1.510	-0.771
817	N/A	-1.043	-1.655	-0.481
818	N/A	-0.613	-1.118	-0.140
819	N/A	-0.551	-0.926	-0.164
820	N/A	-0.411	-0.766	-0.044
821	N/A	-0.308	-0.595	0.029
822	N/A	-0.458	-0.738	-0.101
823	N/A	-0.440	-0.761	-0.072
824	N/A	-0.413	-0.848	0.055
825	N/A	-0.495	-0.788	-0.138
826	N/A	-0.709	-1.021	-0.309
827	N/A	-0.516	-0.822	-0.091
828	N/A	-0.209	-0.478	0.113
829	N/A	-0.745	-0.987	-0.428
830	N/A	-0.604	-0.926	-0.234
831	N/A	-0.904	-1.245	-0.473
832	N/A	-0.405	-0.707	-0.028
833	N/A	-0.269	-0.560	0.105
834	N/A	-0.073	-0.383	0.266
835	N/A	-0.397	-0.741	-0.020
836	N/A	0.099	-0.311	0.506
837	N/A	-0.131	-0.503	0.264
838	N/A	0.067	-0.338	0.498
839	N/A	0.081	-0.336	0.530

840	N/A	0.711	0.257	1.167
841	N/A	0.370	-0.168	0.884
842	N/A	0.284	-0.072	0.645
843	N/A	0.559	0.194	0.916
844	N/A	0.569	0.050	1.059
845	N/A	0.604	0.136	1.030
846	N/A	-0.058	-0.310	0.218
847	N/A	-0.246	-0.766	0.217
848	N/A	-0.549	-0.888	-0.192
849	N/A	0.014	-0.324	0.365
850	N/A	0.001	-0.318	0.348
851	N/A	-0.564	-0.857	-0.211
852	N/A	-0.648	-0.904	-0.334
853	N/A	-0.356	-0.627	-0.030
854	N/A	-1.012	-1.373	-0.509
855	N/A	-1.129	-1.477	-0.652
856	N/A	-0.718	-0.903	-0.447
857	N/A	-0.691	-0.962	-0.358
858	N/A	-0.982	-1.275	-0.588
859	N/A	-0.882	-1.158	-0.529
860	N/A	-1.495	-2.022	-0.929
861	N/A	-0.953	-1.285	-0.541
862	N/A	-0.604	-0.911	-0.265
863	N/A	-0.766	-0.996	-0.463
864	N/A	-0.619	-0.927	-0.273
865	N/A	-1.030	-1.359	-0.660
866	N/A	-0.680	-1.032	-0.292
867	N/A	-0.644	-1.013	-0.256
868	N/A	-0.697	-1.080	-0.322
869	N/A	0.035	-0.401	0.435
870	N/A	-0.427	-0.720	-0.062
871	N/A	-0.333	-0.658	0.065
872	N/A	0.138	-0.150	0.454
873	N/A	-0.189	-0.420	0.081
874	N/A	0.087	-0.194	0.422
875	N/A	0.460	0.190	0.769
876	N/A	0.311	0.042	0.636
877	N/A	-0.013	-0.383	0.354
878	N/A	0.434	0.095	0.768
879	N/A	0.717	0.358	1.084
880	N/A	0.582	0.114	1.013
881	N/A	0.273	-0.131	0.644
882	N/A	0.494	0.119	0.897
883	N/A	0.325	0.036	0.634
884	N/A	-0.629	-0.964	-0.231
885	N/A	0.138	-0.120	0.444
886	N/A	0.020	-0.458	0.465

887	N/A	0.601	0.306	0.914
888	N/A	0.014	-0.396	0.388
889	N/A	-0.153	-0.417	0.142
890	N/A	0.067	-0.280	0.412
891	N/A	0.430	0.165	0.706
892	N/A	0.600	0.274	0.922
893	N/A	0.091	-0.217	0.420
894	N/A	0.992	0.543	1.415
895	N/A	0.791	0.390	1.194
896	N/A	0.340	0.026	0.655
897	N/A	0.553	0.237	0.883
898	N/A	0.322	-0.110	0.784
899	N/A	-0.368	-0.794	0.072
900	N/A	-0.639	-1.059	-0.242
901	N/A	-0.517	-0.853	-0.148
902	N/A	-0.590	-0.961	-0.188
903	N/A	-1.220	-1.642	-0.747
904	N/A	-0.469	-0.845	-0.046
905	N/A	-0.752	-1.122	-0.307
906	N/A	-0.735	-1.138	-0.313
907	N/A	-0.931	-1.320	-0.452
908	N/A	-0.283	-0.629	0.104
909	N/A	-0.400	-0.753	0.005
910	N/A	-0.045	-0.383	0.314
911	N/A	-0.234	-0.514	0.078
912	N/A	-0.472	-0.735	-0.156
913	N/A	-0.494	-0.843	-0.141
914	N/A	-0.347	-0.858	0.112
915	N/A	-0.432	-0.717	-0.062
916	N/A	-0.225	-0.669	0.275
917	N/A	0.225	-0.202	0.689
918	N/A	-0.381	-0.649	-0.061
919	N/A	-0.147	-0.527	0.232
920	N/A	-0.276	-0.612	0.065
921	N/A	-0.061	-0.343	0.264
922	N/A	-0.019	-0.443	0.412
923	N/A	-0.190	-0.513	0.186
924	N/A	-0.115	-0.524	0.298
925	N/A	-0.237	-0.505	0.130
926	N/A	0.162	-0.111	0.450
927	N/A	-0.249	-0.582	0.091
928	N/A	-0.012	-0.367	0.337
929	N/A	0.797	0.386	1.199
930	N/A	-0.077	-0.330	0.204
931	N/A	-0.021	-0.351	0.309
932	N/A	-0.005	-0.311	0.320
933	N/A	0.186	-0.109	0.509

934	N/A	0.292	0.035	0.579
935	N/A	0.392	0.013	0.811
936	N/A	0.775	0.336	1.230
937	N/A	0.524	0.172	0.906
938	N/A	0.212	-0.083	0.560
939	N/A	0.269	-0.149	0.727
940	N/A	-0.642	-0.969	-0.272
941	N/A	0.061	-0.209	0.370
942	N/A	-0.477	-0.799	-0.013
943	N/A	-0.417	-0.679	-0.064
944	N/A	-0.471	-0.773	-0.089
945	N/A	-0.288	-0.553	0.062
946	N/A	-0.447	-0.712	-0.153
947	N/A	-0.638	-0.860	-0.332
948	N/A	-0.389	-0.684	-0.064
949	N/A	-0.176	-0.495	0.177
950	N/A	-0.398	-0.655	-0.082
951	N/A	-0.375	-0.653	-0.042
952	N/A	-0.250	-0.588	0.101
953	N/A	-0.158	-0.507	0.315
954	N/A	-0.424	-0.684	-0.109
955	N/A	-0.346	-0.661	-0.004
956	N/A	-0.426	-0.730	-0.081
957	N/A	-0.219	-0.570	0.138
958	N/A	-0.803	-1.137	-0.402
959	N/A	-0.082	-0.379	0.248
960	N/A	0.115	-0.250	0.475
961	N/A	-0.371	-0.638	-0.060
962	N/A	-0.636	-0.920	-0.277
963	N/A	-0.073	-0.359	0.236
964	N/A	0.014	-0.298	0.332
965	N/A	0.071	-0.282	0.446
966	N/A	0.456	0.115	0.799
967	N/A	-0.738	-0.986	-0.410
968	N/A	0.337	0.024	0.680
969	N/A	-0.163	-0.531	0.203
970	N/A	0.587	0.240	0.945
971	N/A	-0.192	-0.430	0.082
972	N/A	-0.097	-0.323	0.166
973	N/A	-0.386	-0.591	-0.117
974	N/A	0.048	-0.178	0.289
975	N/A	-0.060	-0.309	0.244
976	N/A	-0.558	-0.763	-0.281
977	N/A	-0.116	-0.354	0.152
978	N/A	0.219	-0.041	0.514
979	N/A	0.234	-0.106	0.583
980	N/A	0.155	-0.165	0.476

981	N/A	0.223	-0.067	0.525
982	N/A	0.913	0.568	1.230
983	N/A	0.287	-0.094	0.653
984	N/A	0.353	0.030	0.707
985	N/A	0.536	0.182	0.898
986	N/A	1.014	0.625	1.395
987	N/A	0.633	0.330	0.967
988	N/A	-0.048	-0.308	0.259
989	N/A	0.755	0.379	1.143
990	N/A	0.677	0.045	1.287
991	N/A	0.357	0.050	0.686
992	N/A	-0.068	-0.321	0.207
993	N/A	0.437	0.055	0.826
994	N/A	0.004	-0.222	0.287
995	N/A	0.226	-0.245	0.715
996	N/A	0.126	-0.141	0.435
997	N/A	-0.150	-0.487	0.178
998	N/A	-0.063	-0.357	0.241
999	N/A	-0.246	-0.474	0.025
1000	N/A	-0.041	-0.245	0.217
1001	N/A	0.020	-0.304	0.340
1002	N/A	-0.224	-0.515	0.088
1003	N/A	-0.264	-0.494	0.013
1004	N/A	-0.436	-0.664	-0.144
1005	N/A	-0.042	-0.395	0.296
1006	N/A	-0.365	-0.664	-0.032
1007	N/A	0.116	-0.182	0.458
1008	N/A	0.526	0.153	0.881
1009	N/A	-0.369	-0.719	-0.017
1010	N/A	0.087	-0.183	0.367
1011	N/A	-0.222	-0.670	0.203
1012	N/A	-0.198	-0.515	0.127
1013	N/A	0.219	-0.135	0.573
1014	N/A	-0.180	-0.498	0.160
1015	N/A	0.433	0.060	0.811
1016	N/A	-0.365	-0.720	-0.007
1017	N/A	0.438	0.094	0.784
1018	N/A	0.385	0.035	0.726
1019	N/A	0.157	-0.046	0.405
1020	N/A	0.311	0.014	0.682
1021	N/A	-0.559	-0.751	-0.298
1022	N/A	-0.095	-0.409	0.252
1023	N/A	0.158	-0.093	0.444
1024	N/A	0.459	0.184	0.750
1025	N/A	-0.039	-0.280	0.240
1026	N/A	0.451	0.044	0.858
1027	N/A	0.356	-0.029	0.755

1028	N/A	0.510	0.140	0.883
1029	N/A	-0.199	-0.416	0.076
1030	N/A	0.200	-0.134	0.537
1031	N/A	0.434	0.089	0.822
1032	N/A	-0.254	-0.500	0.033
1033	N/A	-0.019	-0.291	0.285
1034	N/A	0.165	-0.126	0.487
1035	N/A	-0.337	-0.599	-0.023
1036	N/A	0.147	-0.125	0.433
1037	N/A	-0.013	-0.420	0.382
1038	N/A	-0.231	-0.449	0.055
1039	N/A	0.258	-0.093	0.595
1040	N/A	-0.097	-0.392	0.235
1041	N/A	0.274	0.002	0.574
1042	N/A	-0.054	-0.245	0.164
1043	N/A	-0.192	-0.514	0.254
1044	N/A	0.344	-0.012	0.778
1045	N/A	-0.005	-0.218	0.240
1046	N/A	0.334	0.008	0.667
1047	N/A	0.186	-0.071	0.456
1048	N/A	0.086	-0.273	0.437
1049	N/A	0.205	-0.099	0.530
1050	N/A	0.103	-0.251	0.544
1051	N/A	-0.253	-0.592	0.241
1052	N/A	0.056	-0.205	0.354
1053	N/A	0.051	-0.279	0.432
1054	N/A	-0.491	-0.741	-0.151
1055	N/A	-0.169	-0.417	0.140
1056	N/A	-0.251	-0.525	0.086
1057	N/A	-0.005	-0.278	0.312
1058	N/A	0.131	-0.145	0.421
1059	N/A	0.338	0.029	0.690
1060	N/A	0.521	0.101	0.963
1061	N/A	1.041	0.631	1.469
1062	N/A	0.472	0.164	0.831
1063	N/A	0.582	0.188	1.000
1064	N/A	0.128	-0.203	0.488
1065	N/A	0.072	-0.280	0.437
1066	N/A	0.180	-0.135	0.527
1067	N/A	-0.199	-0.509	0.136
1068	N/A	-0.416	-0.636	-0.121
1069	N/A	-0.360	-0.619	-0.055
1070	N/A	0.154	-0.146	0.462
1071	N/A	-0.068	-0.315	0.226
1072	N/A	0.025	-0.206	0.309
1073	N/A	0.360	0.014	0.733
1074	N/A	-0.477	-0.678	-0.222

1075	N/A	0.248	-0.030	0.564
1076	N/A	-0.183	-0.414	0.098
1077	N/A	-0.494	-0.797	-0.158
1078	N/A	-0.391	-0.677	-0.057
1079	N/A	0.158	-0.145	0.481
1080	N/A	-0.077	-0.312	0.205
1081	N/A	0.521	0.218	0.833
1082	N/A	0.093	-0.117	0.333
1083	N/A	0.299	-0.052	0.676
1084	N/A	0.306	0.035	0.609
1085	N/A	0.412	0.128	0.718
1086	N/A	0.504	0.236	0.799
1087	N/A	0.302	0.010	0.635
1088	N/A	0.023	-0.280	0.375
1089	N/A	0.759	0.353	1.213
1090	N/A	0.762	0.373	1.184
1091	N/A	0.774	0.404	1.156
1092	N/A	0.566	0.281	0.858
1093	N/A	0.575	0.242	0.925
1094	N/A	0.303	-0.051	0.686
1095	N/A	0.197	-0.135	0.557
1096	N/A	-0.327	-0.574	-0.025
1097	N/A	0.046	-0.234	0.362
1098	N/A	-0.240	-0.555	0.086
1099	N/A	-0.058	-0.390	0.313
1100	N/A	-0.160	-0.442	0.174
1101	N/A	-0.508	-0.738	-0.231
1102	N/A	-0.250	-0.615	0.136
1103	N/A	-0.158	-0.550	0.261
1104	N/A	-0.333	-0.650	0.029
1105	N/A	0.343	-0.015	0.709
1106	N/A	0.499	0.037	0.962
1107	N/A	0.144	-0.217	0.520
1108	N/A	-0.269	-0.588	0.070
1109	N/A	-0.933	-1.270	-0.568
1110	N/A	-0.999	-1.364	-0.607
1111	N/A	-0.305	-0.617	0.023
1112	N/A	-0.446	-0.743	-0.088
1113	N/A	-0.609	-1.073	-0.159
1114	N/A	-0.938	-1.471	-0.413
1115	N/A	-1.191	-1.592	-0.729
1116	N/A	-0.593	-0.904	-0.242
1117	N/A	-0.899	-1.330	-0.471
1118	N/A	-0.803	-1.267	-0.357
1119	N/A	-0.623	-1.111	-0.144
1120	N/A	-0.755	-1.169	-0.323
1121	N/A	-1.371	-1.954	-0.794

1122	N/A	-0.930	-1.291	-0.452
1123	N/A	-0.238	-0.662	0.185
1124	N/A	-0.385	-0.711	0.001
1125	N/A	-0.479	-0.798	-0.082
1126	N/A	-0.580	-0.862	-0.240
1127	N/A	-0.401	-0.730	-0.048
1128	N/A	-0.633	-0.951	-0.264
1129	N/A	-0.946	-1.271	-0.526
1130	N/A	-0.469	-0.838	-0.043
1131	N/A	-0.083	-0.447	0.290
1132	N/A	-0.699	-1.079	-0.265
1133	N/A	-0.491	-1.020	0.000
1134	N/A	-0.307	-0.641	0.037
1135	N/A	-0.177	-0.494	0.174
1136	N/A	-0.745	-1.079	-0.331
1137	N/A	-0.221	-0.599	0.159
1138	N/A	-0.355	-0.717	0.040
1139	N/A	0.277	-0.152	0.716
1140	N/A	-0.895	-1.290	-0.428
1141	N/A	-0.286	-0.574	0.054
1142	N/A	-0.018	-0.500	0.439
1143	N/A	0.132	-0.337	0.596
1144	N/A	-0.192	-0.565	0.206
1145	N/A	-0.432	-0.810	-0.051
1146	N/A	0.101	-0.273	0.494
1147	N/A	0.100	-0.259	0.501
1148	N/A	-0.099	-0.443	0.235
1149	N/A	0.144	-0.195	0.480
1150	N/A	0.350	-0.052	0.753
1151	N/A	-0.607	-0.921	-0.228
1152	N/A	0.208	-0.133	0.583
1153	N/A	0.253	-0.099	0.623
1154	N/A	-0.099	-0.387	0.214
1155	N/A	0.178	-0.074	0.472
1156	N/A	0.411	0.119	0.727
1157	N/A	0.222	-0.112	0.571
1158	N/A	0.027	-0.365	0.441
1159	N/A	0.401	0.084	0.747
1160	N/A	0.931	0.508	1.347
1161	N/A	0.765	0.380	1.173
1162	N/A	0.817	0.436	1.198
1163	N/A	0.579	0.247	0.928
1164	N/A	0.103	-0.202	0.437
1165	N/A	0.472	0.166	0.801
1166	N/A	0.128	-0.183	0.463
1167	N/A	0.364	0.004	0.773
1168	N/A	0.761	0.368	1.180

1169	N/A	0.841	0.431	1.250
1170	N/A	0.543	0.159	0.924
1171	N/A	-0.540	-0.803	-0.222
1172	N/A	-0.295	-0.663	0.114
1173	N/A	0.056	-0.252	0.417
1174	N/A	-0.310	-0.741	0.102
1175	N/A	0.147	-0.184	0.520
1176	N/A	0.099	-0.275	0.481
1177	N/A	0.091	-0.321	0.515
1178	N/A	-0.208	-0.508	0.123
1179	N/A	-0.474	-0.779	-0.111
1180	N/A	-0.230	-0.499	0.092
1181	N/A	-0.240	-0.587	0.172
1182	N/A	-0.253	-0.523	0.069
1183	N/A	-0.087	-0.418	0.279
1184	N/A	-0.047	-0.351	0.313
1185	N/A	0.318	-0.093	0.736
1186	N/A	0.218	-0.133	0.640
1187	N/A	-0.052	-0.371	0.331
1188	N/A	0.254	-0.084	0.635
1189	N/A	-0.208	-0.524	0.176
1190	N/A	-0.350	-0.637	0.011
1191	N/A	-0.591	-0.877	-0.222
1192	N/A	0.001	-0.375	0.431
1193	N/A	-0.315	-0.587	0.009
1194	N/A	-0.337	-0.639	0.019
1195	N/A	0.036	-0.263	0.377
1196	N/A	-0.675	-0.961	-0.306
1197	N/A	-0.190	-0.481	0.138
1198	N/A	-0.400	-0.668	-0.080
1199	N/A	-0.142	-0.450	0.207
1200	N/A	-0.417	-0.681	-0.089
1201	N/A	-0.805	-1.363	-0.281
1202	N/A	-0.587	-0.836	-0.253
1203	N/A	-0.340	-0.666	0.033
1204	N/A	-0.841	-1.250	-0.419
1205	N/A	-0.357	-0.675	-0.007
1206	N/A	-0.684	-1.091	-0.250
1207	N/A	-0.811	-1.147	-0.405
1208	N/A	-0.321	-0.718	0.088
1209	N/A	-0.664	-1.010	-0.281
1210	N/A	-0.813	-1.251	-0.341
1211	N/A	0.132	-0.205	0.481
1212	N/A	0.254	-0.112	0.650
1213	N/A	-0.404	-0.660	-0.092
1214	N/A	-0.112	-0.378	0.203
1215	N/A	-0.571	-0.855	-0.242

1216	N/A	-0.471	-0.761	-0.137
1217	N/A	-0.568	-0.944	-0.154
1218	N/A	-0.718	-1.061	-0.359
1219	N/A	-0.564	-0.883	-0.199
1220	N/A	-0.452	-0.731	-0.111
1221	N/A	-0.217	-0.482	0.111
1222	N/A	0.103	-0.210	0.447
1223	N/A	-0.250	-0.589	0.162
1224	N/A	0.318	-0.069	0.754
1225	N/A	0.353	-0.018	0.753
1226	N/A	-0.166	-0.483	0.197
1227	N/A	-0.084	-0.564	0.393
1228	N/A	0.020	-0.321	0.436
1229	N/A	0.039	-0.326	0.461
1230	N/A	-0.841	-1.375	-0.340
1231	N/A	-0.414	-0.702	-0.057
1232	N/A	-0.639	-0.873	-0.348
1233	N/A	-1.188	-1.455	-0.828
1234	N/A	-0.935	-1.334	-0.477
1235	N/A	-0.648	-0.873	-0.343
1236	N/A	-0.731	-1.007	-0.391
1237	N/A	-0.847	-1.140	-0.466
1238	N/A	-0.305	-0.602	0.110
1239	N/A	-0.429	-0.670	-0.108
1240	N/A	-0.246	-0.495	0.058
1241	N/A	-0.401	-0.716	-0.030
1242	N/A	0.001	-0.276	0.320
1243	N/A	-0.125	-0.468	0.244
1244	N/A	-0.562	-0.916	-0.196
1245	N/A	-0.108	-0.382	0.221
1246	N/A	-0.334	-0.638	0.016
1247	N/A	-0.237	-0.540	0.115
1248	N/A	-0.182	-0.445	0.153
1249	N/A	0.451	0.107	0.839
1250	N/A	-0.009	-0.347	0.379
1251	N/A	-0.389	-0.684	-0.024
1252	N/A	-0.195	-0.463	0.108
1253	N/A	0.196	-0.114	0.549
1254	N/A	-0.508	-0.830	-0.104
1255	N/A	0.210	-0.176	0.624
1256	N/A	-0.452	-0.803	-0.014
1257	N/A	0.070	-0.260	0.449
1258	N/A	-0.890	-1.302	-0.408
1259	N/A	-1.214	-1.498	-0.832
1260	N/A	-0.426	-0.693	-0.099
1261	N/A	-0.333	-0.616	0.027
1262	N/A	-0.023	-0.341	0.355

1263	N/A	-0.843	-1.178	-0.395
1264	N/A	-0.641	-0.888	-0.326
1265	N/A	-0.617	-0.891	-0.286
1266	N/A	-0.108	-0.439	0.259
1267	N/A	-0.324	-0.579	-0.015
1268	N/A	0.117	-0.247	0.518
1269	N/A	-0.057	-0.362	0.296
1270	N/A	-0.177	-0.490	0.159
1271	N/A	-0.157	-0.432	0.168
1272	N/A	0.176	-0.124	0.534
1273	N/A	-0.054	-0.398	0.329
1274	N/A	-0.299	-0.681	0.180
1275	N/A	0.155	-0.214	0.592
1276	N/A	-0.086	-0.380	0.262
1277	N/A	-0.411	-0.690	-0.066
1278	N/A	-1.056	-1.543	-0.561
1279	N/A	0.046	-0.270	0.405
1280	N/A	-0.344	-0.617	-0.031
1281	N/A	-0.147	-0.522	0.248
1282	N/A	-0.086	-0.404	0.289
1283	N/A	-0.455	-0.719	-0.097
1284	N/A	-0.819	-1.152	-0.391
1285	N/A	-0.633	-1.031	-0.189
1286	N/A	-0.442	-0.755	-0.063
1287	N/A	-0.251	-0.664	0.172
1288	N/A	-0.596	-1.114	-0.114
1289	N/A	-0.642	-1.017	-0.212
1290	N/A	-0.782	-1.142	-0.392
1291	N/A	-0.951	-1.235	-0.582
1292	N/A	-0.420	-0.787	0.056
1293	N/A	-1.159	-1.482	-0.718
1294	N/A	-0.880	-1.142	-0.494
1295	N/A	-0.260	-0.555	0.062
1296	N/A	-0.462	-0.736	-0.141
1297	N/A	-0.668	-1.023	-0.285
1298	N/A	-0.285	-0.552	0.036
1299	N/A	-0.552	-0.896	-0.142
1300	N/A	-0.755	-1.007	-0.412
1301	N/A	0.001	-0.276	0.307
1302	N/A	-0.770	-1.025	-0.437
1303	N/A	-0.610	-0.917	-0.206
1304	N/A	-0.188	-0.462	0.130
1305	N/A	-0.294	-0.581	0.054
1306	N/A	-0.048	-0.346	0.318
1307	N/A	-0.211	-0.540	0.152
1308	N/A	0.206	-0.124	0.569
1309	N/A	-0.279	-0.655	0.146

1310	N/A	-0.311	-0.567	0.015
1311	N/A	0.478	0.058	0.932
1312	N/A	-0.246	-0.514	0.053
1313	N/A	0.380	0.003	0.791
1314	N/A	0.178	-0.132	0.507
1315	N/A	-0.144	-0.447	0.207
1316	N/A	-0.477	-0.755	-0.123
1317	N/A	-0.587	-0.838	-0.235
1318	N/A	-0.295	-0.573	0.035
1319	N/A	-0.386	-0.653	-0.067
1320	N/A	-0.283	-0.570	0.050
1321	N/A	0.232	-0.135	0.628
1322	N/A	0.168	-0.218	0.579
1323	N/A	-0.466	-0.752	-0.120
1324	N/A	-0.382	-0.692	-0.035
1325	N/A	0.117	-0.283	0.522
1326	N/A	-0.100	-0.491	0.298
1327	N/A	0.210	-0.184	0.616
1328	N/A	0.441	0.000	0.876
1329	N/A	-0.007	-0.380	0.388
1330	N/A	-0.959	-1.285	-0.557
1331	N/A	-0.731	-1.077	-0.290
1332	N/A	-1.140	-1.573	-0.672
1333	N/A	-0.774	-1.096	-0.398
1334	N/A	-0.719	-1.117	-0.287
1335	N/A	-0.596	-0.944	-0.187
1336	N/A	-1.376	-2.011	-0.795
1337	N/A	-0.596	-0.948	-0.203
1338	N/A	-1.293	-1.727	-0.781
1339	N/A	-0.307	-0.784	0.170
1340	N/A	-0.542	-0.929	-0.120
1341	N/A	-0.588	-0.953	-0.178
1342	N/A	-1.050	-1.529	-0.575
1343	N/A	-0.408	-0.779	-0.030
1344	N/A	-0.736	-1.117	-0.334
1345	N/A	-0.870	-1.172	-0.518
1346	N/A	-1.187	-1.480	-0.801
1347	N/A	-1.240	-1.585	-0.809
1348	N/A	-1.515	-1.849	-1.114
1349	N/A	-1.050	-1.408	-0.673
1350	N/A	-1.336	-1.746	-0.867
1351	N/A	-0.705	-1.056	-0.310
1352	N/A	-0.465	-0.769	-0.112
1353	N/A	-0.554	-0.841	-0.223
1354	N/A	-0.662	-0.993	-0.298
1355	N/A	-0.465	-0.847	-0.069
1356	N/A	-0.029	-0.392	0.360

1357	N/A	-0.462	-0.875	-0.023
1358	N/A	-0.559	-0.902	-0.172
1359	N/A	-0.052	-0.447	0.352
1360	N/A	-0.536	-1.017	-0.086
1361	N/A	-0.526	-0.973	-0.097
1362	N/A	-0.099	-0.539	0.369
1363	N/A	0.033	-0.383	0.470
1364	N/A	-0.215	-0.591	0.186
1365	N/A	0.234	-0.221	0.696
1366	N/A	0.059	-0.313	0.439
1367	N/A	0.065	-0.299	0.459
1368	N/A	0.404	-0.021	0.833
1369	N/A	-0.314	-0.680	0.109
1370	N/A	-0.513	-0.782	-0.154
1371	N/A	-0.084	-0.416	0.274
1372	N/A	-0.617	-0.945	-0.205
1373	N/A	-0.325	-0.632	0.018
1374	N/A	0.010	-0.288	0.353
1375	N/A	-0.150	-0.505	0.220
1376	N/A	-0.250	-0.545	0.094
1377	N/A	-0.449	-0.757	-0.099
1378	N/A	-0.246	-0.512	0.049
1379	N/A	-0.267	-0.616	0.107
1380	N/A	0.042	-0.321	0.405
1381	N/A	-0.385	-0.602	-0.111
1382	N/A	-0.546	-0.770	-0.253
1383	N/A	-0.423	-0.627	-0.181
1384	N/A	-0.285	-0.622	0.099
1385	N/A	-0.090	-0.383	0.255
1386	N/A	-0.148	-0.459	0.202
1387	N/A	-0.339	-0.570	-0.055
1388	N/A	-0.073	-0.373	0.259
1389	N/A	-0.344	-0.590	-0.074
1390	N/A	-0.247	-0.587	0.129
1391	N/A	-0.052	-0.320	0.252
1392	N/A	-0.644	-0.931	-0.256
1393	N/A	-0.741	-1.093	-0.197
1394	N/A	-0.235	-0.515	0.111
1395	N/A	-0.105	-0.356	0.191
1396	N/A	-0.320	-0.582	-0.012
1397	N/A	-0.334	-0.579	-0.027
1398	N/A	-0.452	-0.670	-0.171
1399	N/A	-0.310	-0.642	0.048
1400	N/A	-0.301	-0.565	0.002
1401	N/A	-0.254	-0.518	0.039
1402	N/A	-0.339	-0.572	-0.029
1403	N/A	0.376	0.069	0.702

1404	N/A	0.449	0.137	0.791
1405	N/A	0.372	0.076	0.699
1406	N/A	0.449	0.113	0.807
1407	N/A	0.421	0.098	0.793
1408	N/A	0.298	0.041	0.575
1409	N/A	0.725	0.331	1.115
1410	N/A	0.218	-0.067	0.530
1411	N/A	0.456	0.133	0.825
1412	N/A	0.199	-0.099	0.522
1413	N/A	0.559	0.105	1.030
1414	N/A	-0.218	-0.426	0.047
1415	N/A	0.194	-0.064	0.503
1416	N/A	0.274	-0.047	0.616
1417	N/A	0.472	0.160	0.804
1418	N/A	0.405	-0.025	0.835
1419	N/A	0.276	-0.011	0.623
1420	N/A	0.014	-0.264	0.331
1421	N/A	0.016	-0.255	0.332
1422	N/A	-0.031	-0.263	0.241
1423	N/A	0.215	-0.083	0.556
1424	N/A	0.674	0.295	1.081
1425	N/A	0.707	0.334	1.092
1426	N/A	0.231	-0.063	0.557
1427	N/A	0.177	-0.155	0.566
1428	N/A	0.488	0.162	0.857
1429	N/A	-0.023	-0.292	0.308
1430	N/A	0.203	-0.108	0.544
1431	N/A	0.700	0.279	1.146
1432	N/A	0.665	0.285	1.040
1433	N/A	0.322	0.019	0.642
1434	N/A	0.421	0.060	0.830
1435	N/A	0.280	-0.032	0.625
1436	N/A	0.144	-0.145	0.482
1437	N/A	0.303	-0.070	0.714
1438	N/A	-0.151	-0.496	0.206
1439	N/A	0.245	-0.207	0.707
1440	N/A	0.465	0.096	0.849
1441	N/A	-0.185	-0.477	0.141
1442	N/A	0.229	-0.199	0.663
1443	N/A	0.674	0.191	1.137
1444	N/A	-0.288	-0.603	0.068
1445	N/A	0.389	-0.047	0.845
1446	N/A	-0.533	-0.827	-0.193
1447	N/A	0.162	-0.179	0.507
1448	N/A	-0.378	-0.717	-0.006
1449	N/A	-0.442	-0.709	-0.126
1450	N/A	-0.318	-0.729	0.099

1451	N/A	-0.655	-0.940	-0.322
1452	N/A	-0.369	-0.694	-0.017
1453	N/A	-1.100	-1.398	-0.713
1454	N/A	-1.004	-1.336	-0.580
1455	N/A	-0.998	-1.291	-0.612
1456	N/A	-1.094	-1.398	-0.724
1457	N/A	-1.143	-1.463	-0.729
1458	N/A	-1.188	-1.655	-0.686
1459	N/A	-1.535	-2.035	-1.005
1460	N/A	-1.271	-1.735	-0.812
1461	N/A	-0.827	-1.232	-0.415
1462	N/A	-1.400	-1.869	-0.882
1463	N/A	-1.278	-1.697	-0.745
1464	N/A	-1.307	-1.726	-0.767
1465	N/A	-1.219	-1.664	-0.712
1466	N/A	-1.445	-1.856	-0.921
1467	N/A	-1.541	-1.952	-1.007
1468	N/A	-1.731	-2.301	-1.102
1469	N/A	-0.995	-1.439	-0.492
1470	N/A	-1.049	-1.432	-0.584
1471	N/A	-0.965	-1.464	-0.439
1472	N/A	-1.079	-1.545	-0.617
1473	N/A	-1.078	-1.548	-0.596
1474	N/A	-0.856	-1.356	-0.365
1475	N/A	-0.860	-1.390	-0.355
1476	N/A	-0.028	-0.449	0.422
1477	N/A	-0.751	-1.075	-0.395
1478	N/A	-0.408	-0.731	-0.030
1479	N/A	-0.577	-0.924	-0.143
1480	N/A	-0.315	-0.782	0.182
1481	N/A	-0.757	-1.082	-0.338
1482	N/A	-0.315	-0.673	0.073
1483	N/A	-0.507	-0.882	-0.116
1484	N/A	-0.270	-0.546	0.074
1485	N/A	-0.106	-0.389	0.220
1486	N/A	-0.079	-0.367	0.251
1487	N/A	-0.173	-0.436	0.152
1488	N/A	-0.161	-0.470	0.209
1489	N/A	0.228	-0.108	0.588
1490	N/A	0.479	0.085	0.890
1491	N/A	-0.182	-0.508	0.181
1492	N/A	-0.478	-0.959	-0.002
1493	N/A	-0.375	-0.677	-0.027
1494	N/A	-0.317	-0.582	0.034
1495	N/A	-0.546	-0.825	-0.204
1496	N/A	-0.010	-0.416	0.393
1497	N/A	-0.417	-0.773	-0.069

1498	N/A	-0.363	-0.685	-0.022
1499	N/A	-0.025	-0.281	0.264
1500	N/A	-0.041	-0.370	0.292
1501	N/A	0.213	-0.084	0.566
1502	N/A	-0.090	-0.327	0.204
1503	N/A	-0.128	-0.346	0.147
1504	N/A	0.267	-0.011	0.590
1505	N/A	0.115	-0.224	0.494
1506	N/A	0.235	-0.103	0.594
1507	N/A	0.343	-0.008	0.721
1508	N/A	0.155	-0.162	0.483
1509	N/A	-0.054	-0.259	0.209
1510	N/A	0.425	0.111	0.785
1511	N/A	-0.023	-0.285	0.308
1512	N/A	0.422	0.107	0.784
1513	N/A	-0.044	-0.296	0.274
1514	N/A	0.000	-0.253	0.318
1515	N/A	-0.578	-0.814	-0.257
1516	N/A	-0.179	-0.386	0.101
1517	N/A	0.460	0.157	0.791
1518	N/A	-0.131	-0.422	0.199
1519	N/A	0.199	-0.063	0.509
1520	N/A	0.113	-0.132	0.411
1521	N/A	-0.526	-0.716	-0.252
1522	N/A	-0.376	-0.595	-0.105
1523	N/A	-0.564	-0.820	-0.224
1524	N/A	-0.639	-0.823	-0.380
1525	N/A	0.088	-0.147	0.357
1526	N/A	-0.260	-0.466	0.010
1527	N/A	0.094	-0.157	0.383
1528	N/A	-0.507	-0.667	-0.273
1529	N/A	-0.651	-0.921	-0.279
1530	N/A	-0.254	-0.585	0.198
1531	N/A	-0.134	-0.384	0.185
1532	N/A	0.366	0.071	0.674
1533	N/A	-0.424	-0.635	-0.134
1534	N/A	-0.465	-0.671	-0.179
1535	N/A	0.086	-0.149	0.343
1536	N/A	0.033	-0.322	0.518
1537	N/A	-0.172	-0.373	0.082
1538	N/A	-0.244	-0.519	0.077
1539	N/A	0.777	0.395	1.161
1540	N/A	0.497	0.168	0.854
1541	N/A	-0.365	-0.681	0.072
1542	N/A	-0.734	-0.942	-0.420
1543	N/A	-0.423	-0.683	-0.065
1544	N/A	-0.267	-0.519	0.052

1545	N/A	-0.084	-0.341	0.241
1546	N/A	-0.429	-0.667	-0.091
1547	N/A	-0.259	-0.636	0.132
1548	N/A	0.345	0.038	0.678
1549	N/A	-0.166	-0.466	0.154
1550	N/A	0.033	-0.301	0.383
1551	N/A	0.062	-0.300	0.442
1552	N/A	0.197	-0.160	0.573
1553	N/A	0.093	-0.229	0.453
1554	N/A	-0.256	-0.473	0.008
1555	N/A	-0.050	-0.286	0.244
1556	N/A	-0.116	-0.334	0.160
1557	N/A	-0.076	-0.294	0.184
1558	N/A	-0.097	-0.394	0.217
1559	N/A	-0.389	-0.622	-0.094
1560	N/A	-0.096	-0.329	0.169
1561	N/A	0.546	0.196	0.930
1562	N/A	0.393	0.102	0.730
1563	N/A	0.547	0.181	0.923
1564	N/A	0.372	0.044	0.722
1565	N/A	0.363	-0.023	0.767
1566	N/A	0.238	-0.088	0.596
1567	N/A	0.292	-0.058	0.669
1568	N/A	0.417	0.079	0.769
1569	N/A	0.097	-0.187	0.394
1570	N/A	0.030	-0.220	0.301
1571	N/A	-0.355	-0.640	-0.045
1572	N/A	-0.180	-0.455	0.123
1573	N/A	-0.031	-0.411	0.359
1574	N/A	0.074	-0.239	0.390
1575	N/A	0.634	0.237	1.062
1576	N/A	-0.334	-0.620	0.015
1577	N/A	0.016	-0.325	0.393
1578	N/A	-0.970	-1.295	-0.568
1579	N/A	-0.931	-1.216	-0.596
1580	N/A	-0.938	-1.203	-0.571
1581	N/A	-0.867	-1.160	-0.469
1582	N/A	-0.540	-0.910	-0.012
1583	N/A	-0.127	-0.497	0.309
1584	N/A	-0.487	-0.792	-0.131
1585	N/A	-0.834	-1.139	-0.441
1586	N/A	-0.119	-0.532	0.312
1587	N/A	-0.218	-0.594	0.239
1588	N/A	-0.504	-0.864	-0.081
1589	N/A	-1.124	-1.535	-0.513
1590	N/A	-0.795	-1.194	-0.389
1591	N/A	-0.957	-1.318	-0.530

1592	N/A	-0.196	-0.545	0.186
1593	N/A	-0.857	-1.217	-0.412
1594	N/A	-0.052	-0.434	0.353
1595	N/A	-0.892	-1.288	-0.474
1596	N/A	-0.882	-1.160	-0.525
1597	N/A	-0.917	-1.243	-0.514
1598	N/A	-0.601	-0.973	-0.171
1599	N/A	-0.211	-0.586	0.210
1600	N/A	-0.912	-1.272	-0.490
1601	N/A	-1.984	-2.336	-1.514
1602	N/A	-2.022	-2.527	-1.406
1603	N/A	-0.956	-1.210	-0.614
1604	N/A	-0.944	-1.304	-0.465
1605	N/A	-1.503	-1.907	-1.000
1606	N/A	-1.402	-1.872	-0.876
1607	N/A	-1.226	-1.681	-0.713
1608	N/A	-0.959	-1.251	-0.589
1609	N/A	-1.387	-1.753	-0.921
1610	N/A	-1.105	-1.510	-0.654
1611	N/A	-0.838	-1.236	-0.394
1612	N/A	-0.562	-1.037	-0.093
1613	N/A	-0.681	-1.158	-0.226
1614	N/A	-0.368	-0.752	0.124
1615	N/A	-0.858	-1.224	-0.458
1616	N/A	-0.251	-0.581	0.118
1617	N/A	-0.484	-0.786	-0.132
1618	N/A	-0.883	-1.450	-0.351
1619	N/A	-0.944	-1.332	-0.477
1620	N/A	-0.742	-1.160	-0.234
1621	N/A	-0.240	-0.668	0.224
1622	N/A	-0.924	-1.293	-0.484
1623	N/A	-0.700	-1.043	-0.316
1624	N/A	-0.789	-1.205	-0.366
1625	N/A	-0.163	-0.539	0.266
1626	N/A	-0.298	-0.806	0.188
1627	N/A	-0.312	-0.706	0.107
1628	N/A	-0.777	-1.086	-0.356
1629	N/A	0.322	-0.058	0.720
1630	N/A	-0.388	-0.748	-0.005
1631	N/A	-0.783	-1.107	-0.415
1632	N/A	-0.873	-1.253	-0.474
1633	N/A	-0.790	-1.034	-0.473
1634	N/A	-0.418	-0.694	-0.066
1635	N/A	-0.424	-0.726	-0.047
1636	N/A	-0.240	-0.536	0.117
1637	N/A	0.300	-0.149	0.779
1638	N/A	-0.093	-0.412	0.265

1639	N/A	-0.491	-0.795	-0.126
1640	N/A	0.392	-0.038	0.838
1641	N/A	-1.268	-1.729	-0.799
1642	N/A	-1.801	-2.265	-1.219
1643	N/A	-1.018	-1.289	-0.628
1644	N/A	-1.538	-1.906	-1.101
1645	N/A	-1.378	-1.814	-0.907
1646	N/A	-1.169	-1.607	-0.698
1647	N/A	-1.669	-2.264	-1.081
1648	N/A	-1.053	-1.430	-0.604
1649	N/A	-0.687	-1.059	-0.285
1650	N/A	-0.863	-1.213	-0.470
1651	N/A	-0.667	-0.914	-0.328
1652	N/A	-0.681	-1.007	-0.319
1653	N/A	-0.272	-0.630	0.115
1654	N/A	-0.244	-0.594	0.137
1655	N/A	-0.041	-0.421	0.352
1656	N/A	0.200	-0.159	0.590
1657	N/A	-0.061	-0.394	0.339
1658	N/A	0.209	-0.164	0.615
1659	N/A	0.505	0.092	0.946
1660	N/A	0.260	-0.103	0.681
1661	N/A	0.379	0.015	0.757
1662	N/A	-0.067	-0.347	0.269
1663	N/A	-0.288	-0.610	0.061
1664	N/A	0.552	0.170	0.955
1665	N/A	0.327	-0.020	0.715
1666	N/A	0.270	-0.120	0.687
1667	N/A	-0.169	-0.532	0.244
1668	N/A	-0.400	-0.769	-0.003
1669	N/A	-0.482	-0.863	-0.068
1670	N/A	-0.568	-0.947	-0.149
1671	N/A	-0.038	-0.345	0.333
1672	N/A	-0.203	-0.685	0.274
1673	N/A	-0.400	-0.812	0.025
1674	N/A	-0.458	-0.820	-0.034
1675	N/A	-1.349	-1.781	-0.846
1676	N/A	-0.736	-1.073	-0.326
1677	N/A	-1.355	-1.814	-0.883
1678	N/A	-0.710	-0.985	-0.372
1679	N/A	-1.059	-1.305	-0.737
1680	N/A	-1.207	-1.480	-0.831
1681	N/A	-1.354	-2.072	-0.740
1682	N/A	-0.558	-0.867	-0.179
1683	N/A	-0.405	-0.746	-0.003
1684	N/A	-0.363	-0.637	-0.023
1685	N/A	-0.526	-0.821	-0.160

1686	N/A	-0.235	-0.611	0.155
1687	N/A	0.033	-0.334	0.445
1688	N/A	-0.554	-0.876	-0.202
1689	N/A	-0.039	-0.337	0.285
1690	N/A	-0.310	-0.630	0.052
1691	N/A	-0.005	-0.321	0.335
1692	N/A	-0.180	-0.463	0.138
1693	N/A	0.335	-0.061	0.730
1694	N/A	0.148	-0.154	0.455
1695	N/A	-0.256	-0.523	0.048
1696	N/A	-1.159	-1.461	-0.745
1697	N/A	-0.693	-0.966	-0.349
1698	N/A	-1.267	-1.555	-0.863
1699	N/A	-1.611	-1.913	-1.189
1700	N/A	-1.389	-1.683	-1.000
1701	N/A	-1.043	-1.281	-0.720
1702	N/A	-1.149	-1.483	-0.719
1703	N/A	-1.024	-1.513	-0.524
1704	N/A	-0.988	-1.388	-0.597
1705	N/A	-1.079	-1.571	-0.641
1706	N/A	-0.768	-1.085	-0.400
1707	N/A	-0.026	-0.446	0.387
1708	N/A	-0.638	-1.078	-0.186
1709	N/A	-0.376	-0.702	0.019
1710	N/A	-0.294	-0.642	0.122
1711	N/A	-0.327	-0.643	0.008
1712	N/A	-0.099	-0.378	0.233
1713	N/A	-0.214	-0.476	0.094
1714	N/A	-0.501	-0.803	-0.130
1715	N/A	0.116	-0.221	0.504
1716	N/A	-0.048	-0.401	0.322
1717	N/A	-0.601	-0.946	-0.156
1718	N/A	-0.649	-0.935	-0.271
1719	N/A	-0.051	-0.336	0.254
1720	N/A	-0.144	-0.418	0.162
1721	N/A	-0.235	-0.530	0.123
1722	N/A	-0.199	-0.476	0.137
1723	N/A	-0.578	-0.866	-0.243
1724	N/A	-0.058	-0.270	0.220
1725	N/A	-0.045	-0.226	0.198
1726	N/A	-0.015	-0.316	0.332
1727	N/A	0.392	0.048	0.780
1728	N/A	-0.262	-0.446	-0.010
1729	N/A	0.446	0.091	0.841
1730	N/A	-0.221	-0.421	0.034
1731	N/A	0.072	-0.212	0.387
1732	N/A	-0.128	-0.368	0.137

1733	N/A	-0.134	-0.476	0.230
1734	N/A	-0.009	-0.238	0.261
1735	N/A	-0.652	-0.880	-0.349
1736	N/A	-0.063	-0.400	0.446
1737	N/A	-0.038	-0.294	0.270
1738	N/A	-0.163	-0.403	0.152
1739	N/A	0.912	0.474	1.346
1740	N/A	0.126	-0.173	0.467
1741	N/A	-0.087	-0.407	0.263
1742	N/A	-0.092	-0.350	0.220
1743	N/A	-0.115	-0.411	0.230
1744	N/A	-0.169	-0.430	0.135
1745	N/A	-0.214	-0.480	0.126
1746	N/A	-0.217	-0.434	0.073
1747	N/A	-0.230	-0.513	0.128
1748	N/A	0.048	-0.248	0.414
1749	N/A	-0.376	-0.611	-0.087
1750	N/A	-0.654	-0.882	-0.361
1751	N/A	-0.233	-0.414	0.009
1752	N/A	-0.301	-0.557	-0.009
1753	N/A	-0.372	-0.638	-0.071
1754	N/A	0.117	-0.141	0.419
1755	N/A	0.148	-0.200	0.494
1756	N/A	0.136	-0.207	0.501
1757	N/A	0.916	0.423	1.417
1758	N/A	0.223	-0.064	0.529
1759	N/A	0.062	-0.287	0.486
1760	N/A	0.406	0.141	0.733
1761	N/A	0.399	0.064	0.779
1762	N/A	0.178	-0.102	0.507
1763	N/A	0.584	0.158	1.018
1764	N/A	-0.129	-0.462	0.249
1765	N/A	0.081	-0.246	0.419
1766	N/A	0.226	-0.158	0.601
1767	N/A	0.454	0.058	0.900
1768	N/A	-0.606	-0.876	-0.295
1769	N/A	-0.237	-0.488	0.066
1770	N/A	-1.065	-1.333	-0.725
1771	N/A	-0.369	-0.601	-0.085
1772	N/A	-0.652	-0.899	-0.310
1773	N/A	-0.308	-0.529	-0.001
1774	N/A	0.074	-0.211	0.442
1775	N/A	0.357	0.045	0.719
1776	N/A	-0.253	-0.407	-0.036
1777	N/A	0.152	-0.119	0.450
1778	N/A	0.549	0.220	0.915
1779	N/A	0.026	-0.270	0.421

1780	N/A	0.383	0.087	0.725
1781	N/A	0.504	0.193	0.874
1782	N/A	0.495	0.036	0.945
1783	N/A	-0.295	-0.539	0.003
1784	N/A	0.309	0.069	0.595
1785	N/A	0.472	0.187	0.796
1786	N/A	0.219	0.000	0.474
1787	N/A	0.348	0.087	0.633
1788	N/A	-0.218	-0.485	0.090
1789	N/A	0.106	-0.139	0.393
1790	N/A	0.035	-0.181	0.304
1791	N/A	0.106	-0.145	0.418
1792	N/A	-0.013	-0.207	0.245
1793	N/A	-0.193	-0.427	0.105
1794	N/A	-0.039	-0.258	0.244
1795	N/A	-0.084	-0.253	0.139
1796	N/A	0.112	-0.087	0.359
1797	N/A	0.251	0.016	0.542
1798	N/A	0.530	0.271	0.824
1799	N/A	0.232	-0.005	0.504
1800	N/A	-0.418	-0.620	-0.162
1801	N/A	-0.208	-0.408	0.038
1802	N/A	0.298	0.036	0.611
1803	N/A	0.248	-0.022	0.560
1804	N/A	-0.092	-0.278	0.158
1805	N/A	0.324	0.056	0.653
1806	N/A	-0.278	-0.524	0.014
1807	N/A	0.064	-0.196	0.378
1808	N/A	0.299	0.013	0.624
1809	N/A	-0.272	-0.444	-0.052
1810	N/A	-0.697	-1.028	-0.344
1811	N/A	-0.112	-0.397	0.236
1812	N/A	-1.224	-1.524	-0.794
1813	N/A	-1.505	-1.838	-1.055
1814	N/A	-1.214	-1.420	-0.897
1815	N/A	-1.429	-1.754	-0.984
1816	N/A	-1.586	-1.980	-1.068
1817	N/A	-1.364	-1.714	-0.900
1818	N/A	-1.615	-2.068	-1.045
1819	N/A	-1.628	-2.052	-1.106
1820	N/A	-1.692	-2.063	-1.213
1821	N/A	-1.435	-1.801	-0.964
1822	N/A	-1.150	-1.466	-0.750
1823	N/A	-0.763	-1.093	-0.335
1824	N/A	-0.760	-1.067	-0.374
1825	N/A	-1.033	-1.394	-0.564
1826	N/A	-0.341	-0.657	0.049

1827	N/A	-0.257	-0.582	0.124
1828	N/A	-0.253	-0.488	0.039
1829	N/A	-0.292	-0.562	0.045
1830	N/A	-0.411	-0.726	-0.028
1831	N/A	-0.095	-0.301	0.157
1832	N/A	-0.630	-0.897	-0.309
1833	N/A	-0.751	-1.004	-0.429
1834	N/A	-0.276	-0.478	-0.018
1835	N/A	-0.854	-1.055	-0.566
1836	N/A	-1.198	-1.506	-0.811
1837	N/A	-1.663	-2.027	-1.202
1838	N/A	-1.406	-1.797	-0.954
1839	N/A	-0.853	-1.123	-0.489
1840	N/A	-1.219	-1.582	-0.779
1841	N/A	-1.050	-1.397	-0.649
1842	N/A	-0.860	-1.171	-0.500
1843	N/A	-1.271	-1.582	-0.869
1844	N/A	-0.687	-1.001	-0.328
1845	N/A	-0.179	-0.501	0.168
1846	N/A	0.090	-0.194	0.408
1847	N/A	-0.241	-0.523	0.112
1848	N/A	-0.140	-0.404	0.205
1849	N/A	-0.198	-0.432	0.103
1850	0.290	-0.410	-0.637	-0.110
1851	0.014	-0.542	-0.815	-0.199
1852	0.094	-0.129	-0.332	0.145
1853	1.430	0.019	-0.200	0.296
1854	0.494	-0.051	-0.227	0.197
1855	0.376	-0.491	-0.736	-0.148
1856	0.565	-0.325	-0.520	-0.085
1857	0.139	-0.854	-1.135	-0.508
1858	0.255	0.016	-0.171	0.244
1859	0.402	-0.170	-0.350	0.070
1860	-0.211	0.155	-0.022	0.375
1861	0.784	0.460	0.200	0.730
1862	-0.458	0.052	-0.089	0.236
1863	0.146	-0.167	-0.359	0.093
1864	-0.063	0.315	0.175	0.496
1865	0.016	-0.227	-0.495	0.047
1866	0.096	0.189	0.033	0.400
1867	0.593	-0.095	-0.241	0.101
1868	1.130	0.148	-0.040	0.375
1869	0.472	-0.095	-0.287	0.144
1870	1.101	0.366	0.139	0.636
1871	0.258	-0.099	-0.262	0.104
1872	-0.040	0.084	-0.074	0.285
1873	0.616	0.526	0.323	0.760

1874	0.897	0.261	0.076	0.495
1875	0.717	0.290	0.123	0.505
1876	0.967	0.296	0.081	0.547
1877	0.823	0.695	0.480	0.926
1878	1.009	0.637	0.382	0.914
1879	0.612	0.287	0.112	0.504
1880	0.284	0.213	-0.010	0.455
1881	0.073	0.059	-0.147	0.288
1882	-0.318	-0.131	-0.258	0.061
1883	-0.102	0.061	-0.124	0.297
1884	-0.541	-0.683	-0.874	-0.421
1885	-0.476	-0.410	-0.585	-0.168
1886	0.022	-0.193	-0.330	-0.007
1887	0.447	0.007	-0.107	0.176
1888	0.638	-0.285	-0.410	-0.090
1889	0.476	-0.051	-0.218	0.173
1890	0.210	0.035	-0.122	0.225
1891	0.126	-0.067	-0.212	0.120
1892	0.743	-0.142	-0.258	0.026
1893	0.590	-0.153	-0.291	0.043
1894	0.754	-0.095	-0.265	0.102
1895	0.711	0.161	0.035	0.330
1896	1.280	0.208	0.031	0.397
1897	0.945	0.376	0.120	0.638
1898	0.763	0.497	0.340	0.667
1899	0.273	-0.426	-0.579	-0.212
1900	0.812	-0.124	-0.359	0.149
1901	0.788	0.549	0.402	0.733
1902	-0.054	0.061	-0.137	0.273
1903	-0.079	-0.371	-0.540	-0.142
1904	0.645	0.075	-0.091	0.298
1905	0.336	-0.174	-0.362	0.064
1906	1.008	-0.032	-0.190	0.180
1907	0.141	-0.032	-0.203	0.178
1908	0.986	0.588	0.392	0.796
1909	0.833	0.314	0.139	0.520
1910	0.662	-0.310	-0.458	-0.110
1911	0.865	-0.002	-0.132	0.177
1912	-0.185	-0.702	-0.890	-0.435
1913	0.121	-1.002	-1.284	-0.645
1914	0.530	-0.109	-0.217	0.050
1915	0.976	-0.016	-0.205	0.213
1916	0.351	-0.378	-0.583	-0.130
1917	0.759	-0.082	-0.327	0.234
1918	0.582	-0.320	-0.502	-0.085
1919	0.679	-0.002	-0.153	0.204
1920	0.737	0.157	-0.030	0.363

1921	1.013	0.420	0.243	0.613
1922	1.124	0.809	0.651	0.982
1923	0.628	0.376	0.195	0.590
1924	0.661	0.695	0.431	0.957
1925	0.101	0.341	0.181	0.525
1926	0.321	0.027	-0.138	0.238
1927	0.485	0.200	0.032	0.407
1928	0.690	0.566	0.384	0.750
1929	0.357	0.147	0.001	0.331
1930	0.876	1.025	0.885	1.167
1931	1.306	1.016	0.906	1.143
1932	1.102	0.555	0.454	0.684
1933	0.615	0.555	0.427	0.699
1934	0.657	0.637	0.468	0.795
1935	1.072	0.783	0.661	0.922
1936	0.861	0.533	0.379	0.724
1937	1.017	1.282	1.154	1.408
1938	1.090	1.324	1.134	1.507
1939	1.036	1.183	0.972	1.395
1940	0.878	1.059	0.912	1.195
1941	0.815	0.727	0.574	0.878
1942	0.851	1.149	0.906	1.395
1943	0.954	0.967	0.816	1.118
1944	0.633	0.910	0.719	1.098
1945	1.331	1.032	0.831	1.225
1946	0.503	0.780	0.635	0.917
1947	0.827	0.581	0.484	0.691
1948	0.804	0.922	0.718	1.108
1949	0.402	0.239	0.080	0.427
1950	0.745	0.803	0.692	0.928
1951	0.565	1.053	0.874	1.232
1952	0.992	0.825	0.693	0.980
1953	1.432	1.266	1.086	1.427
1954	1.147	1.005	0.877	1.139
1955	1.178	1.152	1.000	1.282
1956	0.644	0.761	0.619	0.910
1957	1.090	0.831	0.689	0.976
1958	0.385	0.258	0.099	0.438
1959	1.408	0.922	0.760	1.089
1960	0.732	0.661	0.493	0.818
1961	0.676	0.481	0.314	0.669
1962	0.484	0.643	0.490	0.812
1963	0.745	0.555	0.439	0.687
1964	0.526	1.147	0.907	1.378
1965	0.382	0.582	0.393	0.777
1966	0.533	0.219	0.063	0.392
1967	0.900	0.713	0.601	0.831

1968	-0.049	0.530	0.330	0.707
1969	0.783	1.121	0.954	1.275
1970	0.463	0.754	0.641	0.864
1971	0.648	0.515	0.380	0.676
1972	0.294	0.245	0.144	0.379
1973	1.106	0.585	0.444	0.787
1974	0.771	0.483	0.357	0.620
1975	0.754	-0.029	-0.257	0.254
1976	0.579	0.749	0.611	0.893
1977	0.671	0.974	0.841	1.097
1978	0.179	0.691	0.523	0.853
1979	0.667	1.025	0.850	1.180
1980	0.654	0.720	0.604	0.832
1981	0.956	0.806	0.641	0.973
1982	0.769	1.188	0.963	1.394
1983	1.058	0.925	0.702	1.124
1984	0.862	1.082	0.867	1.270
1985	0.796	0.929	0.766	1.084
1986	0.605	1.215	1.011	1.389
1987	0.288	0.639	0.459	0.817
1988	1.111	1.468	1.236	1.662
1989	0.697	0.706	0.514	0.909
1990	1.360	1.149	0.977	1.324
1991	1.419	1.089	0.925	1.266
1992	0.227	0.695	0.461	0.960
1993	0.859	1.122	0.961	1.289
1994	1.410	1.535	1.305	1.739
1995	1.231	1.015	0.812	1.222
1996	0.815	1.014	0.861	1.155
1997	0.837	0.730	0.533	0.960
1998	1.716	1.673	1.369	1.951
1999	1.069	1.050	0.827	1.284
2000	1.419	1.288	0.969	1.587
2001	1.908	1.642	1.355	1.934
2002	1.844	1.297	0.879	1.756
2003	2.094	2.007	1.628	2.372
2004	0.913	1.570	1.327	1.807
2005	1.652	1.838	1.523	2.107
2006	1.831	1.918	1.578	2.218
2007	1.655	1.728	1.376	2.059
2008	1.587	1.699	1.376	1.987
2009	1.348	1.224	0.811	1.608
2010	1.483	1.589	1.261	1.831
2011	1.721	N/A	N/A	N/A
2012	2.298	N/A	N/A	N/A
2013	1.716	N/A	N/A	N/A
2014	1.528	N/A	N/A	N/A

2015	1.810	N/A	N/A	N/A
2016	2.301	N/A	N/A	N/A
2017	1.756	N/A	N/A	N/A
2018	2.115	N/A	N/A	N/A
2019	2.199	N/A	N/A	N/A
2020	2.427	N/A	N/A	N/A
2021	2.292	N/A	N/A	N/A
2022	2.461	N/A	N/A	N/A
2023	2.631	N/A	N/A	N/A
2024	2.832	N/A	N/A	N/A
2025	2.178	N/A	N/A	N/A