

Cr oxide coated woodland camouflage textiles for protection of defense target signature in UV-Visible-IR spectrum opposing of hyperspectral and digital imaging

Md. Anowar Hossain

School of Fashion and Textiles, RMIT University, 25 Dawson Street, Brunswick, Melbourne, VIC 3056, Australia
(engr.anowar@yahoo.com)

Table SI 3, absorption value of PA 6,6-Sample-01, scanned by hyperspectral camera at 1300 nm

ObsID 1	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1.340971
22	0	0	0	0	0	0	0	0	0.6875
23	0	0	0	0	0	0	0	0.087659	0.386654
24	0	0	0	0	0	0	0	0.707465	0.175319
25	0	0	0	0	0	0	0	0.375784	0.146064
26	0	0	0	0	0	0	0	0.302618	0.245601
27	0	0	0	0	0	0	0.151309	0.303329	0.299818
28	0	0	0	0	0	0	1.308545	0.325331	0.412017
29	0	0	0	0	0	0	1.383049	0.422723	0.457822
30	0	0	0	0	0	0	1.413981	0.529401	0.39085
31	0	0	0	0	0	0	1.09173	0.540669	0.289547
32	0	0	0	0	0	0	1.032926	0.4872	0.266115
33	0	0	0	0	0	0	1.028138	0.425543	0.230914
34	0	0	0	0	0	0	0.89875	0.391275	0.175267
35	0	0	0	0	0	0.323462	0.738456	0.398683	0.188902
36	0	0	0	0	0	0.691604	0.646924	0.349448	0.134111
37	0	0	0	0	0.915269	0.594626	0.740057	0.276327	0.11453

38	0	0	0	2.208663	0.824435	1.118925	0.775115	0.174023	0.084194
39	0	0	0.617397	1.234795	1.198887	0.799775	0.758068	0.175183	0.085945
40	0	0	1.761843	1.299537	0.599443	0.778921	1.024127	0.212769	0.120393
41	0	0	1.379393	3.899966	0	0.299722	1.480237	0.224425	0.069141
42	0	0	0	0	0	0	0.213284	0.252923	0.036993
43	0	0	0	0	0	0	0.101071	0.202143	0.011316
44	0	0	0	0	0	0	0.050536	0.27869	0.045228
45	0	0	0	0	0	0	0.025268	0.436963	0.072147
46	0	0	0	0	0	0	0.012634	0.529173	0.079701
47	0	0	0	0	0	0	0.006317	0.502743	0.116431
48	0	0	0	0	0	0	0.003158	0.578825	0.134695
49	0	0	0	0	0	0	0.001579	0.862133	0.15264
50	0	0	0	0	0	0	7.90E-04	0.98941	0.198597
51	0	0	0	0	0	0	3.95E-04	1.036449	0.327231
52	0	0	0	0	0	0	0	1.732496	0.414949
53	0	0	0	0	0	0	0	0.207474	0.499887
54	0	0	0	0	0	0	0	0.103737	0.5122
55	0	0	0	0	0	0	0	0.051869	0.547979
56	0	0	0	0	0	0	0	0.025934	0.575018
57	0	0	0	0	0	0	0	0.012967	0.613954
58	0	0	0	0	0	0	0	0.006484	0.651087
59	0	0	0	0	0	0	0	0.003242	0.683181
60	0	0	0	0	0	0	0	0.001621	0.9441
61	0	0	0	0	0	0	0	8.10E-04	1.112468
62	0	0	0	0	0	0	0	4.05E-04	1.239827
63	0	0	0	0	0	0	0	2.03E-04	1.516987
64	0	0	0	0	0	0	0	1.01E-04	1.287295
65	0	0	0	0	0	0	0	0	1.281357
66	0	0	0	0	0	0	0	0	0.17828
67	0	0	0	0	0	0	0	0	0.08914
68	0	0	0	0	0	0	0	0	0.04457
69	0	0	0	0	0	0	0	0	0.022285
70	0	0	0	0	0	0	0	0	0.011143
71	0	0	0	0	0	0	0	0	0.005571
72	0	0	0	0	0	0	0	0	0.002786
73	0	0	0	0	0	0	0	0	0.001393
74	0	0	0	0	0	0	0	0	6.96E-04
75	0	0	0	0	0	0	0	0	3.48E-04
76	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0

85	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0

132	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0

179	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0
181	0	0	0	0	0	0	0	0	0
182	0	0	0	0	0	0	0	0	0
183	0	0	0	0	0	0	0	0	0
184	0	0	0	0	0	0	0	0	0
185	0	0	0	0	0	0	0	0	0
186	0	0	0	0	0	0	0	0	0
187	0	0	0	0	0	0	0	0	0
188	0	0	0	0	0	0	0	0	0
189	0	0	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0	0	0
191	0	0	0	0	0	0	0	0	0
192	0	0	0	0	0	0	0	0	0
193	0	0	0	0	0	0	0	0	0
194	0	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0	0
196	0	0	0	0	0	0	0	0	0
197	0	0	0	0	0	0	0	0	0
198	0	0	0	0	0	0	0	0	0
199	0	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0	0
201	0	0	0	0	0	0	0	0	0
202	0	0	0	0	0	0	0	0	0
203	0	0	0	0	0	0	0	0	0
204	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0
206	0	0	0	0	0	0	0	0	0
207	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
209	0	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0	0
211	0	0	0	0	0	0	0	0	0
212	0	0	0	0	0	0	0	0	0
213	0	0	0	0	0	0	0	0	0
214	0	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0	0
216	0	0	0	0	0	0	0	0	0
217	0	0	0	0	0	0	0	0	0
218	0	0	0	0	0	0	0	0	0
219	0	0	0	0	0	0	0	0	0
220	0	0	0	0	0	0	0	0	0
221	0	0	0	0	0	0	0	0	0
222	0	0	0	0	0	0	0	0	0
223	0	0	0	0	0	0	0	0	0
224	0	0	0	0	0	0	0	0	0
225	0	0	0	0	0	0	0	0	0

226	0	0	0	0	0	0	0	0	0
227	0	0	0	0	0	0	0	0	0
228	0	0	0	0	0	0	0	0	0
229	0	0	0	0	0	0	0	0	0
230	0	0	0	0	0	0	0	0	0
231	0	0	0	0	0	0	0	0	0
232	0	0	0	0	0	0	0	0	0
233	0	0	0	0	0	0	0	0	0
234	0	0	0	0	0	0	0	0	0
235	0	0	0	0	0	0	0	0	0
236	0	0	0	0	0	0	0	0	0
237	0	0	0	0	0	0	0	0	0
238	0	0	0	0	0	0	0	0	0
239	0	0	0	0	0	0	0	0	0
240	0	0	0	0	0	0	0	0	0
241	0	0	0	0	0	0	0	0	0
242	0	0	0	0	0	0	0	0	0
243	0	0	0	0	0	0	0	0	0
244	0	0	0	0	0	0	0	0	0
245	0	0	0	0	0	0	0	0	0
246	0	0	0	0	0	0	0	0	0
247	0	0	0	0	0	0	0	0	0
248	0	0	0	0	0	0	0	0	0
249	0	0	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0	0	0
251	0	0	0	0	0	0	0	0	0
252	0	0	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0	0	0
254	0	0	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0	0	0
258	0	0	0	0	0	0	0	0	0
259	0	0	0	0	0	0	0	0	0
260	0	0	0	0	0	0	0	0	0
261	0	0	0	0	0	0	0	0	0
262	0	0	0	0	0	0	0	0	0
263	0	0	0	0	0	0	0	0	0
264	0	0	0	0	0	0	0	0	0
265	0	0	0	0	0	0	0	0	0
266	0	0	0	0	0	0	0	0	0
267	0	0	0	0	0	0	0	0	0
268	0	0	0	0	0	0	0	0	0
269	0	0	0	0	0	0	0	0	0
270	0	0	0	0	0	0	0	0	0
271	0	0	0	0	0	0	0	0	0
272	0	0	0	0	0	0	0	0	0

273	0	0	0	0	0	0	0	0	0
274	0	0	0	0	0	0	0	0	0
275	0	0	0	0	0	0	0	0	0
276	0	0	0	0	0	0	0	0	0
277	0	0	0	0	0	0	0	0	0
278	0	0	0	0	0	0	0	0	0
279	0	0	0	0	0	0	0	0	0
280	0	0	0	0	0	0	0	0	0
281	0	0	0	0	0	0	0	0	0
282	0	0	0	0	0	0	0	0	0
283	0	0	0	0	0	0	0	0	0
284	0	0	0	0	0	0	0	0	0
285	0	0	0	0	0	0	0	0	0
286	0	0	0	0	0	0	0	0	0
287	0	0	0	0	0	0	0	0	0
288	0	0	0	0	0	0	0	0	0
289	0	0	0	0	0	0	0	0	0
290	0	0	0	0	0	0	0	0	0
291	0	0	0	0	0	0	0	0	0
292	0	0	0	0	0	0	0	0	0
293	0	0	0	0	0	0	0	0	0
294	0	0	0	0	0	0	0	0	0
295	0	0	0	0	0	0	0	0	0
296	0	0	0	0	0	0	0	0	0
297	0	0	0	0	0	0	0	0	0
298	0	0	0	0	0	0	0	0	0
299	0	0	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0	0	0
301	0	0	0	0	0	0	0	0	0
302	0	0	0	0	0	0	0	0	0
303	0	0	0	0	0	0	0	0	0
304	0	0	0	0	0	0	0	0	0
305	0	0	0	0	0	0	0	0	0
306	0	0	0	0	0	0	0	0	0
307	0	0	0	0	0	0	0	0	0
308	0	0	0	0	0	0	0	0	0
309	0	0	0	0	0	0	0	0	0
310	0	0	0	0	0	0	0	0	0
311	0	0	0	0	0	0	0	0	0
312	0	0	0	0	0	0	0	0	0
313	0	0	0	0	0	0	0	0	0
314	0	0	0	0	0	0	0	0	0
315	0	0	0	0	0	0	0	0	0
316	0	0	0	0	0	0	0	0	0
317	0	0	0	0	0	0	0	0	0
318	0	0	0	0	0	0	0	0	0
319	0	0	0	0	0	0	0	0	0

320	0	0	0	0	0	0	0	0	0
321	0	0	0	0	0	0	0	0	0
322	0	0	0	0	0	0	0	0	0
323	0	0	0	0	0	0	0	0	0
324	0	0	0	0	0	0	0	0	0
325	0	0	0	0	0	0	0	0	0
326	0	0	0	0	0	0	0	0	0
327	0	0	0	0	0	0	0	0	0
328	0	0	0	0	0	0	0	0	0
329	0	0	0	0	0	0	0	0	0
330	0	0	0	0	0	0	0	0	0
331	0	0	0	0	0	0	0	0	0
332	0	0	0	0	0	0	0	0	0
333	0	0	0	0	0	0	0	0	0
334	0	0	0	0	0	0	0	0	0
335	0	0	0	0	0	0	0	0	0
336	0	0	0	0	0	0	0	0	0
337	0	0	0	0	0	0	0	0	0
338	0	0	0	0	0	0	0	0	0
339	0	0	0	0	0	0	0	0	0
340	0	0	0	0	0	0	0	0	0
341	0	0	0	0	0	0	0	0	0
342	0	0	0	0	0	0	0	0	0
343	0	0	0	0	0	0	0	0	0
344	0	0	0	0	0	0	0	0	0
345	0	0	0	0	0	0	0	0	0
346	0	0	0	0	0	0	0	0	0
347	0	0	0	0	0	0	0	0	0
348	0	0	0	0	0	0	0	0	0
349	0	0	0	0	0	0	0	0	0
350	0	0	0	0	0	0	0	0	0
351	0	0	0	0	0	0	0	0	0
352	0	0	0	0	0	0	0	0	0
353	0	0	0	0	0	0	0	0	0
354	0	0	0	0	0	0	0	0	0
355	0	0	0	0	0	0	0	0	0
356	0	0	0	0	0	0	0	0	0
357	0	0	0	0	0	0	0	0	0
358	0	0	0	0	0	0	0	0	0
359	0	0	0	0	0	0	0	0	0
360	0	0	0	0	0	0	0	0	0
361	0	0	0	0	0	0	0	0	0
362	0	0	0	0	0	0	0	0	0
363	0	0	0	0	0	0	0	0	0
364	0	0	0	0	0	0	0	0	0
365	0	0	0	0	0	0	0	0	0
366	0	0	0	0	0	0	0	0	0

367	0	0	0	0	0	0	0	0	0
368	0	0	0	0	0	0	0	0	0
369	0	0	0	0	0	0	0	0	0
370	0	0	0	0	0	0	0	0	0
371	0	0	0	0	0	0	0	0	0
372	0	0	0	0	0	0	0	0	0
373	0	0	0	0	0	0	0	0	0
374	0	0	0	0	0	0	0	0	0
375	0	0	0	0	0	0	0	0	0
376	0	0	0	0	0	0	0	0	0
377	0	0	0	0	0	0	0	0	0
378	0	0	0	0	0	0	0	0	0
379	0	0	0	0	0	0	0	0	0.207119
380	0	0	0	0	0	0	0	0	2.452366
381	0	0	0	0	0	0	0	0	1.065367
382	0	0	0	0	0	0	0	0	0.66505
383	0	0	0	0	0	0	0	0	0.727706
384	0	0	0	0	0	0	0	0	1.031824
385	0	0	0	0	0	0	0	0	1.016777
386	0	0	0	0	0	0	0	0	0.736774
387	0	0	0	0	0	0	0	0	0.8003
388	0	0	0	0	0	0	0	0	0.963519
389	0	0	0	0	0	0	0	0	0.733142
390	0	0	0	0	0	0	0	0	0.446988
391	0	0	0	0	0	0	0	0	0.498426
392	0	0	0	0	0	0	0	0	0.635628
393	0	0	0	0	0	0	0	0	0.558705
394	0	0	0	0	0	0	0	0	0.552788
395	0	0	0	0	0	0	0	0	0.57085
396	0	0	0	0	0	0	0	0	0.493325
397	0	0	0	0	0	0	0	0	0.431344
398	0	0	0	0	0	0	0	0	0.466818
399	0	0	0	0	0	0	0	0	0.495197
400	0	0	0	0	0	0	0	0	0.510031
401	0	0	0	0	0	0	0	0	0.577085
402	0	0	0	0	0	0	0	0	0.611564
403	0	0	0	0	0	0	0	0	0.671761
404	0	0	0	0	0	0	0	0	0.727156
405	0	0	0	0	0	0	0	0	0.65032
406	0	0	0	0	0	0	0	0	0.782278
407	0	0	0	0	0	0	0	0	0.950019
408	0	0	0	0	0	0	0	0	0.950324
409	0	0	0	0	0	0	0	0	0.927829
410	0	0	0	0	0	0	0	0	0.959909
411	0	0	0	0	0	0	0	0	0.850258
412	0	0	0	0	0	0	0	0	0.701929
413	0	0	0	0	0	0	0	0	0.918494

414	0	0	0	0	0	0	0	0	0.970831
415	0	0	0	0	0	0	0	0	0.77293
416	0	0	0	0	0	0	0	0	0.714359
417	0	0	0	0	0	0	0	0	0.648561
418	0	0	0	0	0	0	0	0	0.77763
419	0	0	0	0	0	0	0	0	0.737804
420	0	0	0	0	0	0	0	0	0.741948
421	0	0	0	0	0	0	0	0	0.737055
422	0	0	0	0	0	0	0	0	0.678004
423	0	0	0	0	0	0	0	0	0.65124
424	0	0	0	0	0	0	0	0	0.524356
425	0	0	0	0	0	0	0	0	0.475134
426	0	0	0	0	0	0	0	0	0.435109
427	0	0	0	0	0	0	0	0	0.576697
428	0	0	0	0	0	0	0	0	0.950783
429	0	0	0	0	0	0	0	0	0.916509
430	0	0	0	0	0	0	0	0	0.70262
431	0	0	0	0	0	0	0	0	0.592773
432	0	0	0	0	0	0	0	0	0.506605
433	0	0	0	0	0	0	0	0	0.479714
434	0	0	0	0	0	0	0	0	0.474878
435	0	0	0	0	0	0	0	0	0.536272
436	0	0	0	0	0	0	0	0	0.706788
437	0	0	0	0	0	0	0	0	0.700808
438	0	0	0	0	0	0	0	0	0.531058
439	0	0	0	0	0	0	0	0	0.570659
440	0	0	0	0	0	0	0	0	0.665367
441	0	0	0	0	0	0	0	0	0.670474
442	0	0	0	0	0	0	0	0	0.571042
443	0	0	0	0	0	0	0	0	0.466768
444	0	0	0	0	0	0	0	0	0.38607
445	0	0	0	0	0	0	0	0	0.567861
446	0	0	0	0	0	0	0	0	0.599128
447	0	0	0	0	0	0	0	0	0.449249
448	0	0	0	0	0	0	0	0	0.481529
449	0	0	0	0	0	0	0	0	0.683594
450	0	0	0	0	0	0	0	0	1.035342
451	0	0	0	0	0	0	0	0	0.856619
452	0	0	0	0	0	0	0	0	0.662599
453	0	0	0	0	0	0	0	0	0.631646
454	0	0	0	0	0	0	0	0	0.648103
455	0	0	0	0	0	0	0	0	0.485024
456	0	0	0	0	0	0	0	0	0.378504
457	0	0	0	0	0	0	0	0	0.486598
458	0	0	0	0	0	0	0	0	0.52384
459	0	0	0	0	0	0	0	0	0.444166
460	0	0	0	0	0	0	0	0	0.423864

461	0	0	0	0	0	0	0	0	0.527001
462	0	0	0	0	0	0	0	0	0.621633
463	0	0	0	0	0	0	0	0	0.61473
464	0	0	0	0	0	0	0	0	0.486072
465	0	0	0	0	0	0	0	0	0.472785
466	0	0	0	0	0	0	0	0	0.474264
467	0	0	0	0	0	0	0	0	0.441789
468	0	0	0	0	0	0	0	0	0.491514
469	0	0	0	0	0	0	0	0.245757	0.569576
470	0	0	0	0	0	0	0	1.263029	0.498264
471	0	0	0	0	0	0	0	0.85592	0.419879
472	0	0	0	0	0	0	0	0.81618	0.445073
473	0	0	0	0	0	0	0	0.773024	0.39885
474	0	0	0	0	0	0	0	0.695178	0.371149
475	0	0	0	0	0	0	0	0.596101	0.282722
476	0	0	0	0	0	0	0	0.497147	0.225781
477	0	0	0	0	0	0	0	0.551275	0.285426
478	0	0	0	0	0	0	0	0.664769	0.332249
479	0	0	0	0	0	0	0	0.581132	0.31389
480	0	0	0	0	0	0	0	0.426757	0.228122
481	0	0	0	0	0	0	0	0.479963	0.275195
482	0	0	0	0	0	0	0	0.514488	0.313326
483	0	0	0	0	0	0	0.202445	0.509174	0.27413
484	0	0	0	0	0	0	1.958584	0.40489	0.190707
485	0	0	0	0	0	0	0.848237	0.406478	0.204212
486	0	0	0	0	0	0	0.845222	0.454221	0.302424
487	0	0	0	0	0	0	1.043991	0.425677	0.295633
488	0	0	0	0	0	0	1.032556	0.427207	0.290315
489	0	0	0	0	0	0	0.748824	0.402116	0.331991
490	0	0	0	0	0	0	0.710694	0.547572	0.357349
491	0	0	0	0	0	0	0.945803	0.589304	0.454441
492	0	0	0	0	0	0	1.255971	0.503334	0.510864
493	0	0	0	0	0	0	2.15437	0.576848	0.529431
494	0	0	0	0	0	0	0.288424	0.775832	0.503971
495	0	0	0	0	0	0	0.144212	0.90845	0.442739
496	0	0	0	0	0	0	0.072106	0.780383	0.449683
497	0	0	0	0	0	0	0.036053	0.715095	0.429404
498	0	0	0	0	0	0	0.018026	0.720906	0.49178
499	0	0	0	0	0	0	0.009013	0.595702	0.50005
500	0	0	0	0	0	0	0.267899	0.526785	0.319471
501	0	0	0	0	0	0	2.33007	0.616456	0.347737
502	0	0	0	0	0	0	0.308228	0.754724	0.395683
503	0	0	0	0	0	0	0.154114	0.835249	0.442691
504	0	0	0	0	0	0	0.077057	0.758864	0.420872
505	0	0	0	0	0	0	0.038529	0.54514	0.326539
506	0	0	0	0	0	0	0.019264	0.58455	0.40386
507	0	0	0	0	0	0	0.009632	0.752526	0.427015

508	0	0	0	0	0	0	0.004816	0.924017	0.520247
509	0	0	0	0	0	0	0.002408	0.810586	0.366102
510	0	0	0	0	0	0	0.001204	0.68007	0.349995
511	0	0	0	0	0	0	6.02E-04	0.715445	0.416646
512	0	0	0	0	0	0	3.01E-04	0.722861	0.325849
513	0	0	0	0	0	0	1.51E-04	0.961844	0.341332
514	0	0	0	0	0	0	7.53E-05	0.935052	0.270663
515	0	0	0	0	0	0	0	1.912703	0.247809
516	0	0	0	0	0	0	0	0.123905	0.310268
517	0	0	0	0	0	0	0	0.061952	0.38097
518	0	0	0	0	0	0	0	0.030976	0.648866
519	0	0	0	0	0	0	0	0.015488	1.032932
520	0	0	0	0	0	0	0	0.007744	1.110253
521	0	0	0	0	0	0	0	0.003872	1.369717
522	0	0	0	0	0	0	0	0	1.464984
523	0	0	0	0	0	0	0	0	0.09919
524	0	0	0	0	0	0	0	0	0.049595
525	0	0	0	0	0	0	0	0	0
526	0	0	0	0	0	0	0	0	0
527	0	0	0	0	0	0	0	0	0
528	0	0	0	0	0	0	0	0	0
529	0	0	0	0	0	0	0	0	0
530	0	0	0	0	0	0	0	0	0
531	0	0	0	0	0	0	0	0	0
532	0	0	0	0	0	0	0	0	0
533	0	0	0	0	0	0	0	0	0
534	0	0	0	0	0	0	0	0	0
535	0	0	0	0	0	0	0	0	0
536	0	0	0	0	0	0	0	0	0
537	0	0	0	0	0	0	0	0	0
538	0	0	0	0	0	0	0	0	0
539	0	0	0	0	0	0	0	0	0
540	0	0	0	0	0	0	0	0	0
541	0	0	0	0	0	0	0	0	0
542	0	0	0	0	0	0	0	0	0
543	0	0	0	0	0	0	0	0	0
544	0	0	0	0	0	0	0	0	0
545	0	0	0	0	0	0	0	0	0
546	0	0	0	0	0	0	0	0	0
547	0	0	0	0	0	0	0	0	0
548	0	0	0	0	0	0	0	0	0
549	0	0	0	0	0	0	0	0	0
550	0	0	0	0	0	0	0	0	0
551	0	0	0	0	0	0	0	0	0
552	0	0	0	0	0	0	0	0	0
553	0	0	0	0	0	0	0	0	0
554	0	0	0	0	0	0	0	0	0

555	0	0	0	0	0	0	0	0	0
556	0	0	0	0	0	0	0	0	0
557	0	0	0	0	0	0	0	0	0
558	0	0	0	0	0	0	0	0	0
559	0	0	0	0	0	0	0	0	0
560	0	0	0	0	0	0	0	0	0
561	0	0	0	0	0	0	0	0	0
562	0	0	0	0	0	0	0	0	0
563	0	0	0	0	0	0	0	0	0
564	0	0	0	0	0	0	0	0	0

10	11	12	13	14	15	16	17	18	19
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.220274	1.470342
0	0	0	0	0	0	0	1.04719	0.662285	0.440547
0	0	0	0	0	0	0.913308	0.55274	0.367749	0.299792
0	0	0	0	0	0.864781	0.49199	0.461492	0.344007	0.30016
0	0	0	0	1.04962	0.561102	0.403631	0.417044	0.44797	0.441333
0	0	0	1.435517	0.596502	0.406968	0.394065	0.432874	0.600315	0.650934
0	0	0.805688	0.702464	0.392611	0.353728	0.376827	0.546494	0.648125	0.627948
0	0.763507	0.55603	0.541515	0.37416	0.419619	0.433665	0.558355	0.5292	0.469959
0.782957	0.509033	0.421333	0.439562	0.357962	0.494194	0.512396	0.464581	0.367089	0.322195
0.482457	0.340646	0.325012	0.361773	0.3675	0.514699	0.457079	0.342643	0.227814	0.151983
0.338157	0.242324	0.300453	0.404384	0.413159	0.492585	0.378965	0.267048	0.14297	0.039077
0.210348	0.193732	0.303297	0.483633	0.449557	0.356637	0.240149	0.118253	0.11196	0.044848
0.067047	0.19978	0.382667	0.54285	0.465728	0.249417	0.141509	0.048153	0.0994	0.035374
0.120118	0.330432	0.546288	0.511151	0.318363	0.150524	0.083471	0.028263	0.043812	0.039645
0.291326	0.479188	0.505557	0.335079	0.199646	0.077894	0.015519	0.009312	-0.02592	-0.02086
0.399137	0.473757	0.376783	0.188397	0.17533	0.118907	0.02603	0.004398	-0.0361	-0.02638
0.503507	0.392919	0.279236	0.109953	0.088479	0.041613	-0.03293	-0.05567	-0.07215	-0.01516
0.463903	0.338811	0.219485	0.105091	0.033928	-0.03536	-0.04598	-0.03523	-0.06541	-0.03214
0.328934	0.264804	0.170811	0.113311	7.39E-04	-0.01439	-0.0155	-0.04678	0.001973	-0.02919
0.215846	0.172919	0.075352	0.055057	-0.0234	-0.00886	-0.02756	-0.07068	-0.03129	-0.08053
0.157865	0.067816	0.01452	0.003131	-0.00986	0.020013	0.032993	-0.02659	-0.06288	-0.08772
0.06978	-0.00487	-0.02463	-0.04801	-0.03747	-0.005	0.015222	-0.06226	-0.08207	-0.10542
0.079095	0.071105	0.041587	-0.02677	-0.02158	-0.04293	-0.02987	-0.06414	-0.07066	-0.12743
0.154569	0.140535	0.061245	0.011049	-0.03838	-0.05532	-0.04518	-0.04082	-0.03831	-0.10091
0.08959	0.05245	-0.01433	0.015443	-0.03348	-0.06599	-0.08166	-0.09848	-0.08523	-0.14491
0.047481	-0.02669	-0.03019	-0.01598	-0.00294	-0.05806	-0.07864	-0.11463	-0.08656	-0.14013

0.031386	-0.04215	-0.03663	-0.05264	-0.06063	-0.12738	-0.12036	-0.14616	-0.12465	-0.12179
0.051271	-0.01655	-0.02624	-0.06883	-0.0859	-0.1373	-0.11039	-0.1344	-0.15396	-0.17578
0.007011	-0.05324	-0.07023	-0.07987	-0.0995	-0.11021	-0.10215	-0.09366	-0.13258	-0.1582
-0.05717	-0.08081	-0.08958	-0.06687	-0.10614	-0.13759	-0.13952	-0.13585	-0.16823	-0.17139
-0.01357	-0.06774	-0.04535	-0.04321	-0.09409	-0.1089	-0.12202	-0.12209	-0.16028	-0.17968
0.00163	-0.08	-0.07097	-0.10158	-0.12969	-0.12548	-0.14282	-0.11724	-0.14294	-0.1386
0.013907	-0.03588	-0.08247	-0.10268	-0.10571	-0.12737	-0.15352	-0.15032	-0.17441	-0.15567
-0.00932	-0.0286	-0.10021	-0.09711	-0.10559	-0.12381	-0.13663	-0.15714	-0.18585	-0.1697
0.009199	-0.0293	-0.08564	-0.09141	-0.13118	-0.14736	-0.13807	-0.17026	-0.17819	-0.1243
0.047066	-0.05297	-0.09712	-0.06372	-0.11702	-0.11449	-0.13711	-0.1489	-0.15376	-0.14804
0.052624	-0.0456	-0.11092	-0.08738	-0.10478	-0.12197	-0.16605	-0.12949	-0.13661	-0.1585
0.052319	0.017105	-0.03541	-0.06929	-0.06804	-0.1277	-0.14137	-0.13243	-0.1511	-0.14049
0.078324	0.033311	-0.01356	-0.07335	-0.06866	-0.12199	-0.0947	-0.09366	-0.13054	-0.13352
0.145726	0.036075	0.005346	-0.04595	-0.08982	-0.11277	-0.09815	-0.11077	-0.13398	-0.12136
0.166489	0.017595	0.018108	-0.02817	-0.06915	-0.0748	-0.10651	-0.13002	-0.11267	-0.12293
0.170353	0.055454	0.01247	-0.03725	-0.03824	-0.06976	-0.08161	-0.10135	-0.08039	-0.09712
0.182644	0.080116	0.045927	-0.03685	-0.05375	-0.07418	-0.07886	-0.08901	-0.09921	-0.10603
0.20122	0.077399	0.052095	-0.03284	-0.07071	-0.06669	-0.04924	-0.08182	-0.10774	-0.12285
0.21324	0.080459	0.078502	0.029947	-0.03503	-0.03742	-0.06139	-0.08817	-0.1004	-0.10474
0.234508	0.073167	0.071871	0.064841	0.006658	-0.023	-0.09005	-0.07878	-0.09214	-0.09739
0.245828	0.118307	0.047545	0.031752	-0.00754	-0.03518	-0.09744	-0.08015	-0.09061	-0.10287
0.268735	0.173169	0.104065	0.005316	-0.03682	-0.02712	-0.08184	-0.08013	-0.12729	-0.09213
0.303334	0.135782	0.124126	-0.01248	-0.04318	-0.02016	-0.03664	-0.03848	-0.12791	-0.10561
0.288556	0.110898	0.105404	0.019341	-0.02854	-0.02607	-0.03387	-0.01923	-0.09485	-0.09248
0.290038	0.134133	0.0692	0.055208	0.031192	0.004477	-0.05581	-0.04526	-0.10069	-0.08453
0.353419	0.185112	0.081412	0.062586	0.052408	0.012913	-0.09177	-0.07082	-0.09689	-0.07881
0.372535	0.206533	0.137438	0.051819	-0.00165	-0.01179	-0.07913	-0.06966	-0.09447	-0.07052
0.35656	0.184752	0.1365	0.050209	-0.00994	0.008726	-0.0081	-0.04855	-0.07323	-0.07338
0.423915	0.162984	0.12406	0.052476	0.01061	0.004359	-0.02708	-0.03901	-0.02628	-0.06347
0.493539	0.181655	0.126533	0.069095	0.02474	-0.00136	-0.05126	-0.02307	-0.02906	-0.0351
0.541401	0.263848	0.12264	0.051144	-0.02691	-0.02034	-0.05578	-0.01054	-0.05382	-0.04617
0.513488	0.230548	0.102984	0.011853	-0.05728	-0.02376	-0.06167	-0.04621	-0.09016	-0.07276
0.57117	0.178124	0.073075	0.012983	-0.03092	0.004292	-0.02117	-0.0453	-0.06291	-0.07767
0.761535	0.20376	0.114371	0.034285	-0.01349	0.005996	-0.00455	-0.01958	-0.02074	-0.07229
0.876995	0.272124	0.173591	0.092717	0.023311	-0.01655	-0.03935	-0.02321	-0.03763	-0.06363
1.206688	0.367931	0.154423	0.092305	-0.00368	-0.00522	-0.05681	-0.0297	-0.01635	-0.03894
1.199667	0.353184	0.114849	0.04801	-0.00982	0.030544	-0.04541	-0.02807	-0.0249	-0.01809
1.089323	0.317443	0.131273	0.062413	0.015947	0.036669	0.004113	-0.0211	-0.03113	-0.03188
1.75409	0.366679	0.195709	0.108647	0.033661	0.020292	-0.00355	0.009788	-0.00116	-0.05249
0.18334	0.401381	0.202948	0.151599	0.076538	0.024576	-0.02439	0.034876	0.004322	-0.02578
0.09167	0.419477	0.19563	0.177314	0.08864	0.039782	-0.01434	0.031343	0.001621	3.74E-04
0.045835	0.501297	0.258614	0.180254	0.088297	0.056583	-0.00281	-0.00112	-0.03351	-0.02396
0.022917	0.683348	0.31273	0.167143	0.091033	0.080997	0.02542	-0.00713	-0.01627	-0.0455
0.011459	0.994397	0.318462	0.135749	0.09018	0.051936	0.016098	0.014402	0.035018	-0.02701
0.005729	1.052846	0.255867	0.12403	0.096886	0.041925	-0.00182	0.009261	0.008618	-0.06525
0	1.219497	0.301621	0.173872	0.086462	0.061703	0.005496	0.021068	-0.0049	-0.08205
0	0.150811	0.459334	0.225488	0.099179	0.057877	0.026694	0.007161	0.027853	-0.02112

0	0.075405	0.495775	0.206627	0.084175	0.042292	0.033175	-0.04473	-0.01206	-0.02365
0	0.037703	0.452939	0.165775	0.057798	0.004797	0.024561	-0.02848	-0.03291	-0.05425
0	0.018851	0.307513	0.170704	0.069478	-0.01409	0.029271	0.011201	-0.00645	-0.03057
0	0.009426	0.256831	0.131537	0.064573	0.012398	0.020823	-0.01112	0.003112	-0.0199
0	0.004713	0.398633	0.129222	0.080052	0.04812	0.008226	-0.01859	0.01946	0.003738
0	0.002356	0.590197	0.147909	0.100424	0.07652	-0.00495	-0.03003	0.018381	0.003755
0	0.001178	0.616174	0.161505	0.060348	0.02684	0.023757	-0.00743	0.009332	-0.03686
0	5.89E-04	0.549176	0.219817	0.065703	0.023835	0.068615	0.002505	0.01385	-0.04242
0	2.95E-04	0.726308	0.261492	0.144463	0.070027	0.064695	-0.02032	-0.016	-0.05163
0	0	1.781852	0.342561	0.209841	0.104886	0.015624	-0.04009	-0.03308	-0.04067
0	0	0.17128	0.382235	0.221049	0.109002	0.005856	-0.01039	-0.02658	0.004295
0	0	0.08564	0.396681	0.194352	0.08729	0.0592	0.033779	-0.02684	0.017077
0	0	0.04282	0.363307	0.171716	0.106055	0.061549	-0.01023	-7.80E-04	0.001464
0	0	0.02141	0.360015	0.20132	0.109131	0.025546	-0.02675	0.011449	-0.02932
0	0	0.010705	0.560397	0.275436	0.095749	0.011562	0.005373	-0.01577	-0.02816
0	0	0.005353	0.89375	0.262211	0.116001	0.045607	0.038112	-0.05387	-0.02368
0	0	0.002676	1.052463	0.201739	0.098481	0.093036	0.051846	-0.07616	-0.03954
0	0	0.001338	1.191653	0.224159	0.079372	0.096335	0.049753	-0.03248	-0.00515
0	0	6.69E-04	1.092784	0.225736	0.092891	0.077977	0.059079	0.003112	-0.00253
0	0	0	1.379805	0.264539	0.118885	0.032865	0.027235	0.010065	-0.00565
0	0	0	0.13227	0.343363	0.147868	0.039236	0.039931	0.036918	0.039315
0	0	0	0.066135	0.324688	0.176615	0.091615	0.097564	0.044125	0.068242
0	0	0	0.033067	0.401287	0.221857	0.075678	0.10204	0.035994	0.047044
0	0	0	0.016534	0.48751	0.24074	0.064185	0.112745	0.048612	0.036538
0	0	0	0.008267	0.531224	0.193645	0.045476	0.096379	0.061051	0.042239
0	0	0	0.004133	0.520818	0.153363	0.045195	0.066725	0.050742	0.045164
0	0	0	0.002067	0.508153	0.222719	0.135351	0.079828	0.019547	0.025499
0	0	0	0.001033	0.543552	0.245379	0.130258	0.079389	0.018503	0.03734
0	0	0	5.17E-04	0.544938	0.231466	0.103524	0.06688	0.041349	0.043181
0	0	0	2.58E-04	0.600294	0.208585	0.073851	0.046467	0.042046	0.014854
0	0	0	1.29E-04	0.595982	0.242747	0.08153	0.031396	0.037608	0.029279
0	0	0	6.46E-05	0.611335	0.307864	0.135605	0.047726	0.038263	0.054248
0	0	0	3.23E-05	0.921691	0.31728	0.140995	0.063577	0.028279	0.034648
0	0	0	1.61E-05	1.986063	0.310548	0.097391	0.083822	0.055222	0.013108
0	0	0	8.07E-06	1.633916	0.284039	0.106991	0.098939	0.070492	0.004008
0	0	0	4.04E-06	1.259016	0.358003	0.165718	0.097564	0.069063	0.027563
0	0	0	0	1.637478	0.428874	0.186111	0.126204	0.10816	0.055521
0	0	0	0	0.214437	0.487381	0.225222	0.14207	0.088703	0.026725
0	0	0	0	0.107219	0.548306	0.256246	0.138786	0.052919	-0.01737
0	0	0	0	0.053609	0.611834	0.251457	0.089851	0.057213	-0.01644
0	0	0	0	0.026805	0.604329	0.225875	0.064656	0.054088	9.77E-04
0	0	0	0	0.013402	0.526753	0.233676	0.088911	0.064574	-7.47E-04
0	0	0	0	0.006701	0.579511	0.262757	0.141241	0.089829	0.005972
0	0	0	0	0.003351	0.637905	0.302624	0.195662	0.097102	0.053263
0	0	0	0	0.001675	0.551618	0.280183	0.144312	0.106049	0.108871
0	0	0	0	8.38E-04	0.46805	0.244459	0.099524	0.078902	0.081529
0	0	0	0	4.19E-04	0.479214	0.188974	0.095178	0.056131	0.034558

0	0	0	0	2.09E-04	0.508526	0.183499	0.124606	0.084756	0.036866
0	0	0	0	0.195609	0.475461	0.22747	0.16396	0.101648	0.055845
0	0	0	0	1.67559	0.391009	0.216011	0.132923	0.08644	0.066073
0	0	0	0	1.161331	0.396624	0.214846	0.112918	0.038263	0.02378
0	0	0	0	2.022686	0.433871	0.157287	0.112293	0.002626	8.77E-04
0	0	0	0	0.165193	0.393389	0.114843	0.100906	0.010167	0.023904
0	0	0	0	0.24779	0.330387	0.122393	0.080888	0.044218	0.024559
0	0	0	0	1.412931	0.382479	0.154819	0.087425	0.066124	0.041464
0	0	0	0	0.19124	0.505632	0.190098	0.134189	0.062087	0.053547
0	0	0	0	0.09562	0.533307	0.209503	0.149089	0.056529	0.065761
0	0	0	0	0.04781	0.447997	0.207564	0.128387	0.06228	0.074139
0	0	0	0	0.202091	0.356372	0.172804	0.141218	0.087438	0.047324
0	0	0	0	3.718265	0.413745	0.176492	0.161229	0.073106	0.077148
0	0	0	0	0.206872	0.48437	0.19555	0.122684	0.059214	0.107025
0	0	0	0	0.103436	0.465121	0.214624	0.109333	0.082252	0.093466
0	0	0	0	0.051718	0.418919	0.237338	0.129573	0.127591	0.074636
0	0	0	0	0.025859	0.428785	0.215151	0.118275	0.131227	0.064827
0	0	0	0	0.01293	0.549309	0.215817	0.144475	0.104394	0.067733
0	0	0	0	0.006465	0.561649	0.230562	0.18327	0.114122	0.076249
0	0	0	0	0.003232	0.601389	0.257498	0.171542	0.13747	0.085995
0	0	0	0	0.001616	0.580842	0.250282	0.172307	0.125383	0.058959
0	0	0	0	8.08E-04	0.53234	0.226814	0.158276	0.123674	0.029996
0	0	0	0	4.04E-04	0.571854	0.246391	0.133827	0.124939	0.050095
0	0	0	0	2.02E-04	0.553165	0.239532	0.098293	0.108845	0.094443
0	0	0	0	1.01E-04	0.432199	0.262448	0.122618	0.088703	0.071447
0	0	0	0	5.05E-05	0.292326	0.292698	0.144011	0.079442	0.025499
0	0	0	0	2.53E-05	0.32535	0.262634	0.09301	0.09917	-0.00177
0	0	0	0	1.26E-05	0.454358	0.205796	0.094433	0.112867	0.026939
0	0	0	0	0.206124	0.460909	0.23131	0.132201	0.084939	0.049626
0	0	0	0	1.176161	0.412234	0.319853	0.158467	0.067776	0.013194
0	0	0	0	1.561533	0.394386	0.295392	0.147896	0.066998	-0.0014
0	0	0	0	0.197193	0.401849	0.207046	0.128789	0.079562	0.031253
0	0	0	0	0.299521	0.44669	0.199464	0.140597	0.144037	0.119673
0	0	0	0	1.366067	0.437691	0.25203	0.157558	0.116534	0.10829
0	0	0	0	0.950426	0.417173	0.227099	0.122397	0.05708	0.059112
0	0	0	0	1.320656	0.4452	0.163275	0.097876	0.049601	0.038491
0	0	0	0	0.188264	0.406671	0.143433	0.108948	0.057308	0.049026
0	0	0	0	0.094132	0.376527	0.158551	0.116294	0.06107	0.08573
0	0	0	0	0.047066	0.443855	0.217152	0.156342	0.06153	0.088697
0	0	0	0	0.023533	0.413745	0.200965	0.178656	0.050985	0.065761
0	0	0	0	0.011766	0.375853	0.155253	0.156604	0.083341	0.069871
0	0	0	0	0.005883	0.385993	0.16723	0.147079	0.135667	0.072593
0	0	0	0	0.195938	0.433735	0.215234	0.154653	0.09248	0.050283
0	0	0	0	3.077484	0.404803	0.220003	0.151957	0.064613	0.050246
0	0	0	0	1.365302	0.340237	0.206013	0.155057	0.070884	0.080661
0	0	0	0	1.28238	0.318424	0.211891	0.174562	0.108438	0.085913
0	0	0	0	1.198229	0.328181	0.22867	0.141955	0.12525	0.054704

0	0	0	0	1.143995	0.381515	0.24437	0.074547	0.067153	0.039058
0	0	0	0	1.055013	0.358308	0.220873	0.035886	0.013025	0.040214
0	0	0	0	1.043746	0.324822	0.200965	0.037441	-0.00696	0.013557
0	0	0	0	0.978366	0.306646	0.215789	0.110639	0.012236	-0.01896
0	0	0	0	0.831524	0.330672	0.221548	0.147382	0.100365	0.06374
0	0	0	0	0.900207	0.31957	0.2136	0.107413	0.143944	0.066541
0	0	0	0	0.890235	0.287904	0.229959	0.086531	0.108524	0.020363
0	0	0	0	0.907339	0.331602	0.22579	0.075792	0.076789	0.044978
0	0	0	0	0.88527	0.342653	0.184842	0.082031	0.060227	0.044997
0	0	0	0	0.891902	0.356713	0.155616	0.076406	0.04383	0.040967
0	0	0	0	0.951752	0.386358	0.182675	0.051546	0.038336	0.026369
0	0	0	0	0.847587	0.354482	0.214486	0.034588	0.055903	0.017408
0	0	0	0	1.01483	0.381074	0.212552	0.062942	0.072436	0.035265
0	0	0	0	1.226448	0.426197	0.180493	0.128924	0.101374	0.061922
0	0	0	0	0.97868	0.429591	0.185904	0.125937	0.136009	0.099698
0	0	0	0	0.743633	0.388351	0.259828	0.10669	0.134598	0.112999
0	0	0	0	0.784103	0.355388	0.271857	0.092023	0.092439	0.104547
0	0	0	0	1.006719	0.339945	0.220676	0.113069	0.080263	0.10238
0	0	0	0	1.34295	0.390845	0.19325	0.128611	0.120716	0.114304
0	0	0	0	0.372306	0.444921	0.169097	0.102755	0.111896	0.100372
0	0	0	0	1.682676	0.353766	0.121721	0.08477	0.079822	0.067264
0	0	0	0	1.708855	0.303918	0.127711	0.081349	0.060591	0.068575
0	0	0	0	2.739093	0.32772	0.168001	0.112164	0.066124	0.09057
0	0	0	0	1.971927	0.374351	0.172	0.125804	0.090567	0.109172
0	0	0	0	0.187175	0.418613	0.174316	0.109397	0.094422	0.090343
0	0	0	0	0.093588	0.434823	0.146974	0.080648	0.0754	0.057982
0	0	0	0	0.046794	0.450107	0.186189	0.115035	0.07667	0.068634
0	0	0	0	0.023397	0.459947	0.272996	0.212466	0.107904	0.098709
0	0	0	0	0.011698	0.450766	0.255272	0.204063	0.084169	0.101048
0	0	0	0	0.005849	0.480825	0.230533	0.090014	0.037645	0.061382
0	0	0	0	0.002925	0.504938	0.197703	0.044013	0.003448	0.051544
0	0	0	0	0.001462	0.549368	0.203981	0.110939	0.037064	0.09409
0	0	0	0	7.31E-04	0.624077	0.217291	0.149886	0.108674	0.134613
0	0	0	0	3.66E-04	0.582242	0.232232	0.120266	0.123054	0.118396
0	0	0	0	1.83E-04	0.531319	0.25512	0.116141	0.094816	0.07855
0	0	0	0	9.14E-05	0.558863	0.233242	0.146752	0.060284	0.067537
0	0	0	0	4.57E-05	0.638195	0.217235	0.164324	0.069376	0.086955
0	0	0	0	2.28E-05	0.815212	0.251457	0.157797	0.108289	0.110314
0	0	0	0	1.14E-05	0.861012	0.282638	0.155271	0.125383	0.089993
0	0	0	0	5.71E-06	0.749332	0.246153	0.109033	0.111443	0.04198
0	0	0	0	2.86E-06	0.992641	0.218296	0.07921	0.075518	0.016364
0	0	0	0	1.43E-06	1.996706	0.263098	0.118559	0.102238	0.04738
0	0	0	0	7.14E-07	1.957194	0.284456	0.183802	0.134712	0.065761
0	0	0	0	3.57E-07	1.17864	0.329957	0.19397	0.115446	0.043329
0	0	0	0	0	1.236687	0.389856	0.157941	0.105986	0.024116
0	0	0	0	0	0.194928	0.39156	0.162629	0.124628	0.001733
0	0	0	0	0	0.097464	0.433756	0.173718	0.121597	0.007383

0	0	0	0	0	0.048732	0.51804	0.213199	0.06413	0.00362
0	0	0	0	0	0.024366	0.555479	0.228172	0.061665	0.01553
0	0	0	0	0	0.012183	0.536066	0.187703	0.09343	0.040471
0	0	0	0	0	0.006092	0.501108	0.189139	0.110217	0.041023
0	0	0	0	0	0.003046	0.532769	0.192337	0.115685	0.061536
0	0	0	0	0	0.001523	0.563383	0.212656	0.115641	0.095047
0	0	0	0	0	7.61E-04	0.573327	0.27637	0.120914	0.090817
0	0	0	0	0	3.81E-04	0.639335	0.295012	0.129809	0.064381
0	0	0	0	0	1.90E-04	0.706674	0.268526	0.15094	0.08402
0	0	0	0	0	9.52E-05	0.969996	0.297049	0.144315	0.111741
0	0	0	0	0	4.76E-05	1.211293	0.351513	0.12394	0.110573
0	0	0	0	0	2.38E-05	0.833852	0.333735	0.106624	0.097387
0	0	0	0	0	1.19E-05	0.862803	0.320046	0.074627	0.090467
0	0	0	0	0	0	1.781502	0.349464	0.086176	0.111568
0	0	0	0	0	0	0.174732	0.382863	0.146341	0.116071
0	0	0	0	0	0	0.278797	0.400014	0.136169	0.071921
0	0	0	0	0	0	1.465944	0.394207	0.131475	0.078931
0	0	0	0	0	0	0.197104	0.450802	0.159587	0.12809
0	0	0	0	0	0	0.098552	0.527494	0.161928	0.148929
0	0	0	0	0	0	0.049276	0.548547	0.173077	0.111698
0	0	0	0	0	0	0.024638	0.51989	0.190214	0.076948
0	0	0	0	0	0	0.012319	0.568513	0.225595	0.121618
0	0	0	0	0	0	0.006159	0.603419	0.204518	0.185631
0	0	0	0	0	0	0.00308	0.628259	0.21763	0.204222
0	0	0	0	0	0	0.00154	0.550255	0.297673	0.196258
0	0	0	0	0	0	7.70E-04	0.536891	0.321775	0.15165
0	0	0	0	0	0	3.85E-04	0.755608	0.281797	0.143351
0	0	0	0	0	0	1.92E-04	0.859633	0.205881	0.178629
0	0	0	0	0	0	9.62E-05	0.8445	0.254371	0.211489
0	0	0	0	0	0	4.81E-05	0.65154	0.355942	0.191575
0	0	0	0	0	0	2.41E-05	0.602886	0.333933	0.158251
0	0	0	0	0	0	1.20E-05	0.669645	0.238906	0.132951
0	0	0	0	0	0	6.02E-06	0.63826	0.183806	0.130186
0	0	0	0	0	0	3.01E-06	0.647314	0.226661	0.170026
0	0	0	0	0	0	1.50E-06	0.63978	0.243173	0.14412
0	0	0	0	0	0	7.52E-07	0.641087	0.223165	0.107132
0	0	0	0	0	0	3.76E-07	0.616348	0.210754	0.116093
0	0	0	0	0	0	1.88E-07	0.558836	0.203	0.166106
0	0	0	0	0	0	9.40E-08	0.53907	0.28667	0.163879
0	0	0	0	0	0	4.70E-08	0.597853	0.285768	0.157385
0	0	0	0	0	0	2.35E-08	0.609734	0.222831	0.17015
0	0	0	0	0	0	1.17E-08	0.518133	0.158026	0.161299
0	0	0	0	0	0	5.87E-09	0.50189	0.209348	0.20899
0	0	0	0	0	0	2.94E-09	0.61436	0.336059	0.202084
0	0	0	0	0	0	1.47E-09	0.655357	0.262803	0.154245
0	0	0	0	0	0	7.34E-10	0.616554	0.205828	0.175383
0	0	0	0	0	0	3.67E-10	0.509667	0.210916	0.195234

0	0	0	0	0	0	0.236942	0.473884	0.2444	0.199691
0	0	0	0	0	0	1.847584	0.541782	0.244839	0.198659
0	0	0	0	0	0	1.52231	0.497583	0.204785	0.203713
0	0	0	0	0	0	0.187435	0.43139	0.158698	0.159676
0	0	0	0	0	0	0.093717	0.37487	0.161106	0.168567
0	0	0	0	0	0	0.046859	0.436628	0.260824	0.230621
0	0	0	0	0	0	0.023429	0.579418	0.307979	0.22547
0	0	0	0	0	0	0.011715	0.492749	0.279476	0.201844
0	0	0	0	0	0	0.005857	0.429107	0.184316	0.175408
0	0	0	0	0	0	0.002929	0.422506	0.177091	0.214277
0	0	0	0	0	0	0.001464	0.513825	0.296583	0.242453
0	0	0	0	0	0	7.32E-04	0.565141	0.329249	0.23239
0	0	0	0	0	0	3.66E-04	0.557514	0.323948	0.251649
0	0	0	0	0	0	1.83E-04	0.46492	0.283554	0.223169
0	0	0	0	0	0	9.15E-05	0.419308	0.238964	0.20508
0	0	0	0	0	0	4.58E-05	0.531545	0.25587	0.208124
0	0	0	0	0	0	2.29E-05	0.604487	0.279507	0.194998
0	0	0	0	0	0	1.14E-05	0.561371	0.252609	0.198024
0	0	0	0	0	0	5.72E-06	0.442113	0.17614	0.142095
0	0	0	0	0	0	2.86E-06	0.402862	0.181599	0.136031
0	0	0	0	0	0	0.201432	0.453013	0.246746	0.17878
0	0	0	0	0	0	1.76056	0.461732	0.234081	0.18134
0	0	0	0	0	0	0.192014	0.417478	0.227251	0.151365
0	0	0	0	0	0	0.096007	0.384028	0.242765	0.153601
0	0	0	0	0	0	0.048004	0.440231	0.270717	0.189991
0	0	0	0	0	0	0.244117	0.523093	0.258853	0.202591
0	0	0	0	0	0	1.572333	0.482482	0.217162	0.205752
0	0	0	0	0	0	1.24858	0.418	0.250557	0.187406
0	0	0	0	0	0	1.010458	0.35436	0.251656	0.130208
0	0	0	0	0	0	0.881817	0.301918	0.189208	0.131883
0	0	0	0	0	0	0.74749	0.337406	0.206819	0.186968
0	0	0	0	0	0	0.668814	0.344145	0.222497	0.152672
0	0	0	0	0	0	0.723418	0.278732	0.197767	0.117079
0	0	0	0	0	0	0.761409	0.287053	0.240411	0.139826
0	0	0	0	0	0	0.674048	0.377914	0.252102	0.133565
0	0	0	0	0	0	0.621162	0.386207	0.230015	0.125043
0	0	0	0	0	0	0.631381	0.371612	0.258672	0.136833
0	0	0	0	0	0	0.60651	0.337153	0.262894	0.126407
0	0	0	0	0	0	0.540208	0.305095	0.202947	0.128382
0	0	0	0	0	0	0.575865	0.297412	0.214342	0.158878
0	0	0	0	0	0	0.592931	0.298237	0.274964	0.158734
0	0	0	0	0	0.241299	0.587864	0.34861	0.268207	0.157409
0	0	0	0	0	1.629419	0.482598	0.37483	0.211539	0.19484
0	0	0	0	0	1.422595	0.417018	0.343375	0.230015	0.22671
0	0	0	0	0	1.287894	0.509655	0.352972	0.295694	0.205806
0	0	0	0	0	1.056065	0.47235	0.286024	0.241456	0.184708
0	0	0	0	0	0.868214	0.37362	0.205048	0.159347	0.195995

0	0	0	0	0	0.776965	0.398103	0.232466	0.092748	0.167114
0	0	0	0	0	0.709982	0.353827	0.222614	0.056529	0.129553
0	0	0	0	0	0.683369	0.341635	0.213797	0.107349	0.119034
0	0	0	0	0	0.615258	0.3582	0.245607	0.130439	0.122905
0	0	0	0	0	0.589696	0.333001	0.178856	0.103737	0.08518
0	0	0	0	0.294071	0.609793	0.348215	0.141172	0.086136	0.083168
0	0	0	0	2.148761	0.588143	0.332493	0.171863	0.105051	0.11463
0	0	0	0	1.421113	0.49383	0.27723	0.166367	0.100386	0.116312
0	0	0	0	1.361117	0.412752	0.249291	0.14466	0.124317	0.109495
0	0	0	0	1.403646	0.465706	0.202982	0.122023	0.118368	0.093114
0	0	0	0	1.295527	0.467708	0.203873	0.105141	0.067114	0.08258
0	0	0	0	0.84458	0.384212	0.218799	0.096131	0.029722	0.085322
0	0	0	0	0.583863	0.366953	0.199973	0.104443	0.067251	0.074854
0	0	0	0	0.57771	0.338998	0.120248	0.138809	0.097061	0.054628
0	0	0	0	0.603789	0.250929	0.067568	0.125937	0.061665	-0.00656
0	0	0	0	0.501406	0.207858	0.083758	0.065911	0.051848	-0.02156
0	0	0	0	0.423613	0.192839	0.096125	0.02591	0.063339	-0.02794
0	0	0	0	0.413416	0.157824	0.079232	0.022011	0.035596	-0.02725
0	0	0	0.152742	0.36566	0.100703	0.116895	0.051434	0.013335	0.013592
0	0	0	0.925233	0.305483	0.133395	0.110158	0.05425	0.011757	-0.02026
0	0	0	0.845796	0.329203	0.159313	0.071933	0.024431	-0.02058	-0.06633
0	0	0	1.050588	0.305217	0.137151	0.075457	0.017212	-0.04023	-0.07494
0	0	0	0.935155	0.264175	0.105226	0.078381	-5.93E-04	-0.0124	-0.05152
0	0	0	0.587478	0.203658	0.079092	0.081591	-0.02767	-0.01039	-0.03799
0	0	0	0.476892	0.224629	0.09936	0.078179	0.010502	-0.01374	-0.05943
0	0	0	0.532516	0.246984	0.13478	0.055517	0.010587	-0.0135	-0.06939
0	0	0.191037	0.519494	0.206725	0.14018	0.017749	-0.02345	-0.00642	-0.05645
0	0	3.243725	0.382074	0.15936	0.106417	0.025223	-0.02731	-0.02428	-0.05076
0	0	0.771623	0.284524	0.117067	0.067955	0.041498	-0.02239	-0.0668	-0.0436
0	0	0.799751	0.334791	0.094134	0.065292	0.005069	-0.04564	-0.08921	-0.01469
0	0	1.108768	0.341536	0.114398	0.089661	0.011736	-0.05367	-0.08371	-0.02379
0	0	1.004071	0.294903	0.131708	0.086333	0.013057	-0.01888	-0.04278	-0.0249
0	0	0.759843	0.23628	0.131463	0.076341	0.00907	0.009414	-0.03697	-0.01558
0	0	0.567596	0.221921	0.102903	0.038632	0.030665	-0.01875	-0.05223	-0.02075
0	0	0.491819	0.225767	0.085337	0.009356	0.049661	-0.04885	-0.05148	-0.03658
0	0	0.5271	0.239793	0.11412	0.044374	0.015327	-0.0449	-0.05935	-0.07883
0	0	0.485339	0.219707	0.110554	0.044633	-0.01336	-0.02441	-0.03534	-0.07502
0	0	0.392613	0.180178	0.102318	0.038632	0.039273	-0.00492	0.006736	-0.0495
0	0	0.42098	0.185708	0.076283	0.060456	0.037427	-0.05353	-0.00279	-0.04449
0	0	0.417342	0.183036	0.08755	0.075606	0.019813	-0.05392	-0.0129	-0.02584
0	0.189548	0.413215	0.193877	0.132065	0.066534	0.062738	0.014436	-0.00409	-0.03392
0	1.093771	0.379095	0.2212	0.119079	0.050043	0.030774	-0.00142	0.016611	-0.03772
0	1.107743	0.41708	0.207914	0.06122	0.033794	-0.04003	-0.00708	0.009758	-0.03593
0	1.323725	0.362201	0.164679	0.043753	0.045354	-0.00926	0.012619	-0.01572	-0.03436
0	0.898172	0.261806	0.16485	0.087187	0.091448	0.058484	0.010979	-0.00768	-0.00401
0	0.679398	0.251525	0.152875	0.090911	0.109731	0.056401	0.003375	-1.31E-04	0.006261
0	0.650681	0.241715	0.134658	0.121384	0.092292	0.038035	0.01917	0.00838	0.032568

0	0.751028	0.270838	0.118375	0.145568	0.089047	0.043866	0.045857	0.038754	0.012763
0	0.677956	0.308667	0.127879	0.140731	0.13127	0.055785	0.030094	0.035687	-0.06037
0	0.574045	0.31273	0.166068	0.159289	0.147072	0.059742	0.013458	0.015695	-0.02027
0.218398	0.516082	0.288837	0.182706	0.144854	0.115478	0.085791	0.051153	0.032443	0.053737
1.276214	0.436796	0.229592	0.193227	0.098372	0.082143	0.07824	0.055287	0.031618	0.025303
0.852712	0.412173	0.242648	0.18139	0.068763	0.070085	0.050914	0.055759	0.01885	-0.03678
0.857072	0.493906	0.287476	0.162472	0.07489	0.064789	0.025259	0.043609	0.039174	-0.03822
0.734278	0.430961	0.238204	0.169719	0.045855	0.070615	0.012987	0.053798	0.057879	0.026263
0.590365	0.334148	0.217551	0.127745	0.013457	0.080435	0.004744	0.044713	0.013249	0.027349
0.538061	0.304527	0.210636	0.064938	0.01424	0.040843	0.006542	0.02126	-0.02542	0.012074
0.487313	0.307822	0.176966	0.079684	0.033145	0.026043	-0.01792	-0.01303	-0.05495	-0.01492
0.473509	0.253193	0.148578	0.114653	0.046368	0.028279	-0.05916	-0.05072	-0.04361	-0.04908
0.453832	0.206993	0.115502	0.07215	0.014819	-0.00284	-0.06191	-0.02088	-0.0259	-0.07218
0.414237	0.165803	0.11819	0.023152	-0.00818	0.003367	-0.01129	0.005356	-0.03885	-0.04713
0.331248	0.148024	0.115938	0.012486	0.002742	0.009526	0.012796	-0.01554	-0.05531	-0.00288
0.351401	0.17382	0.067812	0.018559	0.017935	-0.00433	-0.02587	-0.05653	-0.06789	-0.0058
0.35361	0.13411	0.058791	0.043791	0.037041	0.023079	-0.01224	-0.03121	-0.03373	-0.0239
0.324912	0.106585	0.086069	0.015046	0.046882	0.030258	0.010886	8.03E-04	0.001755	-0.02679
0.248727	0.107015	0.096827	0.013876	0.041897	-0.01117	0.005	-0.02671	0.002995	-0.0246
0.244668	0.12116	0.086028	0.051126	0.039345	-0.02532	0.017696	-0.03944	-0.00589	0.003535
0.307365	0.094879	0.078362	0.05242	0.030201	-0.00444	0.020876	-0.00865	0.003549	-0.01084
0.245411	0.090102	0.081412	0.014426	0.026716	-0.02941	0.013179	0.018493	0.00323	-4.80E-04
0.194207	0.140025	0.07567	0.003164	0.025561	-0.06779	-0.02184	0.021784	0.002174	0.03048
0.201247	0.153344	0.079383	0.041368	0.047433	-0.04507	-0.00272	0.019257	0.026239	0.019154
0.273916	0.120916	0.101042	0.067011	0.052185	-0.00675	0.024919	0.007076	0.038572	-0.00613
0.239705	0.098087	0.103111	0.061914	0.064248	-0.00518	0.032482	0.027094	0.03117	-0.00687
0.193308	0.070473	0.064274	0.027316	0.056613	0.002695	0.071933	0.03204	0.045067	0.01297
0.146081	0.096407	0.039242	0.009209	0.00985	-0.00264	0.041703	-0.03062	0.040287	0.028438
0.143367	0.10223	0.075015	0.014117	3.10E-04	0.008573	-0.00574	-0.05239	0.017374	0.032027
0.182824	0.086338	0.099401	0.050789	0.039923	0.032463	-0.00438	0.005154	0.015211	0.008048
0.138686	0.10483	0.108008	0.06017	0.060101	0.022078	0.013562	-0.00136	0.011432	-0.01624
0.177574	0.133539	0.051437	0.006548	0.031724	-0.01929	0.034563	-0.01256	0.002995	-0.03686
0.195903	0.119919	0.034878	-0.00161	0.018141	-0.03801	0.033102	-0.01459	0.009605	-0.0361
0.239411	0.09815	0.095556	0.033439	0.001549	-0.02783	-0.01892	-0.02827	0.01604	-0.04495
0.279771	0.1068	0.134789	0.07499	0.015246	-0.01064	-0.01286	-0.0232	-0.01431	-0.05769
0.29971	0.132194	0.132472	0.048344	0.020623	0.004393	0.044165	-0.00545	-0.03425	-0.059
0.296049	0.109513	0.145766	0.039303	-0.01351	-0.01893	0.05496	-0.00159	0.00584	-0.01624
0.292917	0.160232	0.154757	0.109889	0.032185	-0.02792	0.019124	-0.03804	0.018868	8.94E-04
0.430701	0.280369	0.175913	0.166556	0.105186	0.035256	0.009657	-0.03303	-0.0144	-0.04743
0.488092	0.322352	0.236618	0.168441	0.152398	0.103678	0.042913	0.006671	-0.00804	-0.05696
0.449287	0.306121	0.228659	0.119382	0.135926	0.12929	0.105114	0.04606	0.012236	-0.00667
0.401561	0.23844	0.214039	0.10127	0.124359	0.14018	0.127462	0.086471	0.051829	0.048146
0.405717	0.268371	0.20455	0.131672	0.154087	0.12589	0.107878	0.063173	0.104881	0.073921
0.480867	0.331007	0.17918	0.166629	0.210483	0.15876	0.121431	0.1012	0.125494	0.103017
0.47155	0.328532	0.219734	0.207485	0.188894	0.194532	0.184532	0.194308	0.12065	0.091788
0.42929	0.317443	0.27519	0.174743	0.171252	0.220969	0.219666	0.189062	0.116098	0.08716
0.43741	0.270869	0.252002	0.172236	0.15694	0.241088	0.202417	0.127249	0.131227	0.142165

0.45576	0.269493	0.226347	0.200482	0.154698	0.158208	0.15436	0.09071	0.177442	0.194054
0.423601	0.290802	0.202017	0.183315	0.153758	0.091777	0.120203	0.107626	0.140108	0.180629
0.414237	0.285911	0.169822	0.172756	0.139116	0.122937	0.119291	0.106626	0.113797	0.111676
0.366436	0.270681	0.161849	0.12967	0.171447	0.138847	0.102903	0.117033	0.115641	0.074516
0.344168	0.222572	0.201964	0.134204	0.167114	0.121038	0.091803	0.053911	0.054995	0.077608
0.399689	0.245532	0.245401	0.150279	0.131887	0.071145	0.075537	-0.00443	0.029009	0.119783
0.318491	0.220224	0.161824	0.142098	0.10998	0.049931	0.071216	0.058698	0.046363	0.078269
0.310258	0.189686	0.116047	0.142306	0.087711	0.117156	0.119602	0.086856	0.041038	0.008338
0.363848	0.262586	0.162868	0.113311	0.083855	0.170919	0.135743	0.096193	0.016144	0.03367
0.302145	0.260104	0.151219	0.070502	0.090606	0.132399	0.079435	0.074192	0.035451	0.048408
0.282907	0.217003	0.08899	0.098944	0.116161	0.062396	0.042857	0.013973	0.070374	0.079433
0.22774	0.21764	0.062092	0.126362	0.113455	0.078353	0.031991	0.025011	0.079582	0.042091
0.226	0.20242	0.034534	0.084915	0.081382	0.109109	0.012448	0.071519	0.038536	-0.01286
0.291161	0.181783	0.067227	0.066953	0.006039	0.087229	0.039458	0.09192	0.010577	0.014837
0.251948	0.156558	0.08901	0.066623	-0.00375	0.084162	0.073131	0.051696	0.028101	0.011146
0.280674	0.173794	0.075075	0.082231	0.040339	0.080033	0.038589	-0.00821	0.032658	0.022597
0.301637	0.176508	0.076984	0.101943	0.083755	0.069439	0.003754	-0.01148	0.037772	0.019942
0.174504	0.165115	0.056427	0.094431	0.065262	0.05173	-0.03582	0.020458	0.017461	-0.03465
0.210567	0.184264	0.068867	0.083864	0.007815	0.043323	-0.03348	0.035976	0.004289	-0.01888
0.25041	0.167108	0.060419	0.047471	-0.00523	0.043876	0.003942	0.025134	-0.02095	0.010185
0.191359	0.094336	0.035747	0.035439	0.035106	0.047153	0.013127	-0.02494	-0.06297	0.012126
0.219111	0.092754	0.084931	0.056287	0.03082	0.022745	-0.0179	-0.03562	-0.04057	0.010614
0.206793	0.141371	0.110671	0.048103	0.030573	0.007893	-0.02602	-0.00792	-0.00622	-0.01288
0.244193	0.139747	0.110844	0.073233	0.019312	0.042495	-0.01576	-0.00816	-0.00543	-0.01835
0.288852	0.14172	0.080406	0.015374	-0.01742	0.052482	0.001273	-5.60E-04	-0.03821	-0.01419
0.258217	0.172469	0.06536	-0.00306	0.005805	0.041485	0.00876	0.016659	-0.06267	-0.00233
0.255741	0.166591	0.124126	0.060936	0.033465	0.014945	-0.02721	-0.02397	-0.05703	-0.01894
0.196594	0.145247	0.162746	0.114718	0.057685	-0.02159	-0.03136	-0.03198	-0.0519	-0.06169
0.236078	0.109513	0.137163	0.075762	0.011591	-0.04659	-0.00146	-0.02402	-0.01625	-0.06035
0.267606	0.12314	0.103344	0.007021	-5.47E-04	-0.0137	0.011597	-0.0353	0.018868	0.001061
0.257666	0.144943	0.09959	0.019672	0.052929	0.017871	-0.00715	-0.0543	-0.05291	-0.01605
0.217126	0.099667	0.08942	0.041661	0.062379	-0.01099	-0.02441	-0.05032	-0.06831	-0.04484
0.148717	0.103017	0.08899	0.032433	0.070602	-0.00457	0.021479	0.003576	-0.01757	-0.04421
0.216541	0.123073	0.057265	0.024453	0.010829	-0.00899	0.051427	0.022098	-0.00231	-0.07253
0.302383	0.143585	0.070966	0.034753	0.010272	-0.00865	0.025815	0.022483	0.012288	-0.03105
0.300486	0.158754	0.109424	0.024612	0.060215	0.009799	0.006559	-0.00782	-0.04311	-0.00575
0.274615	0.160913	0.10254	0.036687	0.028543	-0.04476	-0.0175	-0.05372	-0.05714	-0.01623
0.331974	0.173669	0.121093	0.059063	0.001996	-0.04127	0.008726	-0.03025	-0.01253	-0.01692
0.308018	0.148166	0.082218	0.026536	-0.01093	-0.01431	0.011823	2.71E-04	0.012014	-0.01886
0.260892	0.126923	0.062304	-0.00189	-6.79E-04	-0.03388	-0.0722	0.007346	0.00209	-0.0028
0.266604	0.164649	0.062767	-0.00366	0.007211	-0.02739	-0.07917	0.00299	-0.00655	0.018438
0.201059	0.195072	0.078342	0.050602	-0.01144	-0.00262	-0.00437	-0.00645	0.00439	0.029924
0.214319	0.200738	0.107153	0.076635	-0.03998	0.009833	-0.02608	-0.00674	-0.01162	-0.00238
0.286981	0.189557	0.098248	0.076555	-0.00101	0.021762	-0.0501	0.002923	0.007769	-0.01565
0.284369	0.200951	0.104702	0.094224	0.054216	0.051092	-0.02138	-0.00728	-0.01649	-0.02153
0.203376	0.197975	0.097349	0.102217	0.027963	0.035401	-0.05183	-0.06054	-0.02962	-6.64E-04
0.165275	0.211777	0.126555	0.114523	0.011557	0.022358	-0.05157	-0.01751	-0.00385	0.025162

0.238502	0.177038	0.128324	0.089944	0.041027	0.023783	0.001256	0.021138	-0.04755	-0.02404
0.296551	0.157763	0.128908	0.108626	0.079834	0.057877	0.054634	0.034894	-0.0405	-0.02005
0.326739	0.228753	0.200663	0.096816	0.087227	0.027141	0.043828	-0.0018	0.008669	-0.00212
0.327493	0.202554	0.218351	0.065325	0.064612	0.029348	0.046566	-0.01658	-0.01379	0.008372
0.295949	0.161691	0.176715	0.028629	0.059043	0.001707	0.047187	0.009754	-0.00163	-0.0239
0.266073	0.139377	0.077722	-0.02824	0.057346	0.001807	0.027432	-0.01731	-0.00437	-0.0623
0.29944	0.128974	0.084545	-0.00691	0.032629	0.006994	0.018895	-0.02717	0.007956	-0.05656
0.276274	0.147034	0.125618	0.057198	0.014683	0.020624	-0.01592	-0.03564	0.013971	-0.018
0.263429	0.150889	0.074143	0.035186	0.035446	0.034317	0.030393	-0.0072	-0.00145	0.016747
0.261911	0.155572	0.016405	0.075782	0.042806	0.009236	0.064891	0.041117	-0.00179	0.010031
0.236194	0.173544	0.065476	0.103335	0.032469	0.00791	0.007882	0.039676	0.006144	0.004955
0.238649	0.195625	0.1216	0.071836	0.053451	0.040715	-0.01888	0.040989	-0.02373	0.008884
0.216096	0.183393	0.122817	0.063895	0.041916	0.044984	0.005924	0.053647	-0.00176	0.018857
0.210787	0.126002	0.078762	0.049892	0.016546	0.070929	0.038294	0.057008	0.036447	0.014629
0.170278	0.076738	0.079824	0.026979	0.027313	0.082768	0.039088	0.017765	0.025514	0.040232
0.221104	0.126182	0.097098	0.004356	0.043443	7.54E-04	0.03894	0.040916	0.027249	0.083655
0.214319	0.118462	0.072561	0.011818	0.021489	0.001205	0.074894	0.048116	0.035036	0.057542
0.197286	0.081734	0.054454	0.007258	0.005504	0.068716	0.087875	0.032452	0.048221	0.014768
0.142521	0.108435	0.06791	0.019899	0.05146	0.058163	0.062641	0.016227	0.04383	0.013177
0.055267	0.133425	0.094891	0.077828	0.076597	0.045243	0.064146	0.022728	0.055714	0.05894
0.086917	0.141674	0.086028	0.112447	0.066087	0.110505	0.107185	0.075614	0.085243	0.060784
0.155657	0.16701	0.098898	0.117567	0.066471	0.084446	0.084147	0.091304	0.102069	0.098856
0.183134	0.215015	0.111577	0.118004	0.063122	0.07335	0.03281	0.062328	0.06562	0.151271
0.190808	0.216781	0.11065	0.156535	0.074753	0.088474	0.019089	0.066977	0.032479	0.152268
0.173242	0.164845	0.153876	0.155796	0.080449	0.122186	0.083983	0.150661	0.088519	0.139018
0.214901	0.064064	0.15806	0.164874	0.146837	0.172975	0.112933	0.172901	0.142553	0.166131
0.278709	0.05211	0.183234	0.256505	0.206063	0.191723	0.164853	0.17409	0.114252	0.193871
0.356906	0.218944	0.288221	0.228914	0.201582	0.125067	0.214624	0.214886	0.175516	0.200408
0.307468	0.330108	0.328057	0.200588	0.219598	0.124178	0.232867	0.263924	0.250557	0.242746
0.206385	0.292774	0.282584	0.22852	0.304053	0.241466	0.284586	0.198803	0.233339	0.210102
0.264516	0.259921	0.284637	0.27108	0.336082	0.305836	0.295626	0.193114	0.281382	0.21587
0.370267	0.320452	0.408956	0.337028	0.277461	0.285035	0.292334	0.285735	0.373184	0.323462
0.386888	0.378998	0.38303	0.254706	0.228378	0.234087	0.34424	0.362364	0.387585	0.399689
0.378154	0.372656	0.277778	0.255425	0.292489	0.31832	0.41337	0.383425	0.313637	0.391778
0.382458	0.387149	0.310335	0.381754	0.380092	0.445572	0.332057	0.338021	0.354395	0.391242
0.325986	0.47236	0.478954	0.463427	0.398926	0.448465	0.357237	0.398014	0.479417	0.46676
0.363535	0.495847	0.44589	0.431935	0.361206	0.442837	0.446086	0.524314	0.533504	0.517414
0.43134	0.457427	0.341336	0.425635	0.393752	0.493934	0.496207	0.545968	0.568886	0.551862
0.506211	0.435605	0.424161	0.508889	0.488524	0.506648	0.459847	0.469012	0.476811	0.559808
0.441318	0.478783	0.486873	0.523643	0.494145	0.492481	0.411622	0.44516	0.394473	0.475477
0.426933	0.427398	0.404229	0.356634	0.380804	0.394924	0.464106	0.515347	0.489071	0.439072
0.41415	0.308437	0.347907	0.249885	0.337945	0.379673	0.528926	0.570239	0.53396	0.424104
0.403141	0.299781	0.397714	0.362041	0.41896	0.461343	0.484605	0.430493	0.495698	0.38235
0.302315	0.279729	0.458278	0.378797	0.424357	0.41905	0.437534	0.307956	0.44643	0.457397
0.357561	0.280657	0.385011	0.364192	0.384145	0.370108	0.425666	0.340999	0.411197	0.36073
0.354872	0.348739	0.27193	0.356294	0.287028	0.371361	0.395238	0.351513	0.383094	0.274628
0.242268	0.333894	0.230131	0.302286	0.358526	0.370421	0.385648	0.345874	0.326237	0.311946

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

20	21	22	23	24	25	26	27	28	29
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0.220269	1.372729	1.088832	0.829737	0.612649	0.614385
0	0	0.099526	1.278413	0.71555	0.440538	0.318502	0.257141	0.236928	0.230745
0	0.199052	0.797827	0.452779	0.34099	0.280096	0.181218	0.149833	0.136398	0.110682
0.806708	0.502783	0.398105	0.251515	0.187773	0.191559	0.119113	0.017967	0.036894	-0.01919
0.373761	0.357997	0.306128	0.192476	0.078857	0.111961	0.038393	-0.06367	-0.01533	-0.08525
0.318042	0.371643	0.253778	0.222717	0.089994	0.071051	0.027882	-0.05764	-0.04907	-0.0874
0.370654	0.387895	0.220853	0.227358	0.110772	0.073161	0.012105	-0.05723	-0.05349	-0.0799
0.49808	0.406126	0.266559	0.220759	0.106383	0.079178	0.00123	-0.01165	0.027563	-0.03362
0.569741	0.410323	0.304727	0.195139	0.087074	0.073879	0.03913	0.001589	0.034133	0.003968
0.467211	0.322819	0.237837	0.164808	0.091491	0.074618	0.028954	-0.00759	0.020236	0.06652
0.335295	0.199889	0.148414	0.126909	0.062539	0.076589	-0.01179	-0.01016	0.023559	0.057918
0.242005	0.111108	0.12804	0.065794	0.037936	0.069355	-0.0231	-0.01486	0.005977	0.002949
0.175642	0.107741	0.118045	0.021155	0.005188	0.042813	-0.01783	-0.06662	0.008734	-0.03001
0.12419	0.048755	0.056845	0.010647	-0.03333	-1.97E-05	-0.06599	-0.06889	-0.02194	-0.05048
0.059317	-0.02706	0.007598	-0.00767	-0.00276	-0.01581	-0.03309	0.004709	-0.04623	-0.04148
-0.03004	-0.05586	-0.01965	-0.02838	0.058313	0.031685	-0.00485	-0.00472	-0.03347	-0.05546
-0.02564	-0.02769	-0.04007	-0.06918	0.026594	-2.16E-04	0.012816	-0.0211	-0.0726	-0.08386
-0.0553	-0.03566	-0.02369	-0.0633	-0.03747	-0.04895	-0.00801	-0.06747	-0.05183	-0.05002
-0.09362	-0.0641	-0.06229	-0.06325	-0.06473	-0.05497	-0.04466	-0.10317	-0.084	-0.08528
-0.05412	-0.02258	-0.06003	-0.0367	-0.09468	-0.07559	-0.07748	-0.08827	-0.11879	-0.12242
-0.07975	-0.06334	-0.07353	-0.01475	-0.0892	-0.09015	-0.09942	-0.06611	-0.11402	-0.09912
-0.05449	-0.06187	-0.11284	-0.05965	-0.10045	-0.07533	-0.111	-0.11581	-0.09678	-0.07875
-0.07483	-0.06872	-0.11983	-0.07793	-0.12209	-0.10327	-0.14351	-0.11801	-0.13558	-0.12582
-0.09489	-0.12432	-0.1435	-0.15942	-0.16069	-0.13249	-0.17745	-0.13205	-0.1584	-0.15139
-0.06939	-0.12226	-0.12615	-0.2101	-0.21335	-0.178	-0.16946	-0.16422	-0.15949	-0.11366
-0.09868	-0.10207	-0.07323	-0.15918	-0.22583	-0.20997	-0.1152	-0.18072	-0.19008	-0.14496
-0.04236	-0.07794	-0.11268	-0.14831	-0.1391	-0.17726	-0.1823	-0.20854	-0.15369	-0.17887
-0.02317	-0.07468	-0.11653	-0.15281	-0.11577	-0.17986	-0.21781	-0.21407	-0.16736	-0.19039
-0.07166	-0.13753	-0.14747	-0.1963	-0.12513	-0.18739	-0.17265	-0.2003	-0.21542	-0.22194

-0.09954	-0.15159	-0.1555	-0.19719	-0.12727	-0.20735	-0.20947	-0.20042	-0.17019	-0.23748
-0.16422	-0.10664	-0.11478	-0.183	-0.17315	-0.20372	-0.20646	-0.21797	-0.17374	-0.20921
-0.17367	-0.14525	-0.16996	-0.17854	-0.15989	-0.21617	-0.21285	-0.23924	-0.21898	-0.20939
-0.164	-0.1688	-0.19219	-0.15233	-0.16989	-0.21051	-0.22273	-0.20515	-0.20702	-0.22143
-0.18353	-0.16791	-0.16483	-0.18015	-0.20845	-0.16978	-0.18177	-0.20168	-0.23593	-0.20088
-0.19844	-0.19228	-0.17984	-0.17105	-0.20282	-0.20015	-0.21178	-0.20814	-0.24843	-0.20305
-0.20075	-0.16359	-0.18574	-0.22509	-0.2112	-0.20685	-0.2375	-0.1879	-0.22351	-0.19086
-0.17683	-0.15065	-0.1858	-0.2255	-0.20219	-0.21212	-0.24344	-0.21237	-0.22434	-0.17774
-0.14194	-0.15515	-0.20411	-0.19293	-0.18631	-0.2078	-0.24822	-0.21573	-0.23657	-0.20309
-0.17851	-0.14975	-0.2005	-0.16546	-0.20909	-0.19915	-0.22692	-0.21802	-0.23443	-0.18136
-0.22026	-0.22542	-0.20197	-0.15689	-0.20381	-0.20543	-0.21567	-0.18045	-0.21556	-0.18424
-0.20062	-0.2197	-0.20066	-0.19194	-0.17278	-0.17366	-0.22704	-0.14203	-0.19702	-0.17865
-0.17418	-0.17362	-0.18741	-0.19882	-0.16677	-0.15157	-0.20888	-0.14324	-0.18915	-0.15448
-0.16417	-0.20772	-0.221	-0.18727	-0.15563	-0.13899	-0.18663	-0.14851	-0.1904	-0.17469
-0.16362	-0.18244	-0.21242	-0.19916	-0.1784	-0.12183	-0.17288	-0.14436	-0.19947	-0.16563
-0.15421	-0.17016	-0.17994	-0.16544	-0.18094	-0.1316	-0.16317	-0.12798	-0.18291	-0.15683
-0.13997	-0.17229	-0.17602	-0.15659	-0.13681	-0.14685	-0.1977	-0.13802	-0.14232	-0.13954
-0.15989	-0.16463	-0.16367	-0.18841	-0.14724	-0.16727	-0.20798	-0.14577	-0.15948	-0.14493
-0.168	-0.16386	-0.17005	-0.17705	-0.15748	-0.16679	-0.17004	-0.14192	-0.20315	-0.16269
-0.16638	-0.14643	-0.16933	-0.17598	-0.16716	-0.12197	-0.14151	-0.13136	-0.20864	-0.13778
-0.19256	-0.17609	-0.171	-0.14835	-0.16513	-0.13851	-0.14656	-0.098	-0.16484	-0.12843
-0.13889	-0.16518	-0.16268	-0.10844	-0.14904	-0.15866	-0.15064	-0.10014	-0.12322	-0.09828
-0.10169	-0.11359	-0.10532	-0.1057	-0.15495	-0.13304	-0.12156	-0.09494	-0.12732	-0.08767
-0.12896	-0.09695	-0.10466	-0.11931	-0.14396	-0.10053	-0.11691	-0.10292	-0.1602	-0.09417
-0.12835	-0.06977	-0.11637	-0.11666	-0.16389	-0.09484	-0.1464	-0.12397	-0.17832	-0.09799
-0.11562	-0.07038	-0.12102	-0.0834	-0.12854	-0.10059	-0.14296	-0.09741	-0.12968	-0.07406
-0.06501	-0.08494	-0.13012	-0.0862	-0.07018	-0.08403	-0.08753	-0.06816	-0.08547	-0.05799
-0.08089	-0.08684	-0.10793	-0.08868	-0.086	-0.04324	-0.06909	-0.08134	-0.09028	-0.09773
-0.10428	-0.08091	-0.09619	-0.06964	-0.08488	-0.03068	-0.13494	-0.09751	-0.0866	-0.07876
-0.0602	-0.04768	-0.07503	-0.06475	-0.09118	-0.04564	-0.15656	-0.05564	-0.07073	-0.04164
-0.04163	-0.06441	-0.06855	-0.0597	-0.08237	-0.0806	-0.13569	-0.05111	-0.05317	-0.03943
-0.05246	-0.10902	-0.07042	-0.06707	-0.06508	-0.08599	-0.08605	-0.0614	-0.05054	-0.04962
-0.08592	-0.07389	-0.03957	-0.06833	-0.06647	-0.05236	-0.05551	-0.04604	-0.12017	-0.08741
-0.09851	-0.02727	-0.07209	-0.06457	-0.05353	-0.04388	-0.08803	-0.0399	-0.12345	-0.05194
-0.06787	-0.0257	-0.09334	-0.06672	-0.05211	-0.05756	-0.07556	-0.03942	-0.05491	0.007948
-0.01333	-0.02628	-0.04936	-0.03533	-0.04487	-0.09152	-0.08813	-0.05749	-0.05334	-0.01658
-8.75E-04	-0.04747	-0.04641	-0.05585	-0.03368	-0.08101	-0.09736	-0.06967	-0.05168	-0.03055
-0.0536	-0.05917	-0.05049	-0.05537	-0.03285	-0.0687	-0.06972	-0.05059	-0.0575	-0.05002
-0.05382	-0.07428	-0.08215	-0.03385	-0.0493	-0.08876	-0.07447	-0.03844	-0.06704	-0.04776
-0.02667	-0.06786	-0.07918	-0.06206	-0.06815	-0.10507	-0.05023	-0.01505	-0.05228	-0.0267
-0.03461	-0.06569	-0.05069	-0.05348	-0.04514	-0.10401	-0.06456	-0.02958	-0.05233	-0.06904
-0.03522	-0.07903	-0.04767	-0.03544	-0.01828	-0.04253	-0.057	-0.06132	-0.08033	-0.08578
-0.03486	-0.05684	-0.03128	-0.05653	-0.01297	0.016266	-0.02456	-0.07661	-0.08091	-0.05169
-0.03612	-0.06443	-0.03301	-0.05084	6.22E-04	0.006705	-0.05018	-0.08402	-0.04849	-0.03022
-0.04818	-0.07246	-0.03195	-0.037	-0.02866	-0.07233	-0.05859	-0.07968	-0.06254	-0.08129
-0.04447	-0.06626	-0.00922	-0.0226	-0.03693	-0.09526	-0.04228	-0.06048	-0.05959	-0.11338
-0.00399	-0.07052	-0.01695	-0.03734	-0.02468	-0.0712	-0.05481	-0.07841	-0.0532	-0.08041

-0.01269	-0.03698	-0.02686	-0.06142	-0.03994	-0.05758	-0.04521	-0.09182	-0.07311	-0.07782
-0.02672	-0.03952	-0.03829	-0.05005	-0.02703	-0.07961	-0.05336	-0.10583	-0.05097	-0.07723
-0.01171	-0.06951	-0.05874	-0.06618	-0.02651	-0.09865	-0.05054	-0.06844	-0.04342	-0.09422
-0.0389	-0.09123	-0.03954	-0.05429	-0.04694	-0.07886	-0.01732	-0.02166	-0.0757	-0.08038
-0.05717	-0.0684	-0.04159	-0.04178	-0.05162	-0.04928	-0.06067	-0.05321	-0.06813	-0.03953
-0.05906	-0.03754	-0.07164	-0.0816	-0.04968	-0.05031	-0.10075	-0.08568	-0.04344	-0.07987
-0.07692	-0.07398	-0.10019	-0.10254	-0.05658	-0.10203	-0.09366	-0.09298	-0.04151	-0.08177
-0.06836	-0.07905	-0.1072	-0.10554	-0.05452	-0.0908	-0.04952	-0.03831	-0.02661	-0.03755
-0.05949	-0.06416	-0.05156	-0.05228	-0.06725	-0.07798	-0.04633	-0.02488	-0.0515	-0.06151
-0.06665	-0.06901	-0.03823	0.002647	-0.05734	-0.06992	-0.06737	-0.05174	-0.07373	-0.06765
-0.03004	-0.04513	-0.05222	-0.01783	-0.04619	-0.02572	-0.03616	-0.05782	-0.06024	-0.06804
-0.01824	-0.03085	-0.0258	-0.04295	-0.05083	-0.02315	-0.03739	-0.07358	-0.04745	-0.07341
-0.0376	-0.02076	-0.04085	-0.0743	-0.04485	-0.03762	-0.05711	-0.0764	-0.05877	-0.04539
-0.07658	-0.01206	-0.04773	-0.05043	-0.038	-0.02669	-0.07209	-0.06729	-0.09056	-0.06805
-0.09533	-0.03429	-0.05045	0.00238	-0.04441	-0.00877	-0.07951	-0.0807	-0.0908	-0.08271
-0.05337	-0.0324	-0.06884	-0.03222	-0.06476	-0.01146	-0.07017	-0.06034	-0.08574	-0.06697
-0.03744	-0.02879	-0.05248	-0.03845	-0.05816	-0.0158	-0.05997	-0.01442	-0.08633	-0.05345
-0.03538	-0.01198	-0.05156	-0.01723	-0.05246	-0.0202	-0.07466	-0.03202	-0.08867	-0.05468
-0.04252	0.00834	-0.04305	-0.04358	-0.07488	-0.03286	-0.07404	-0.05877	-0.09627	-0.06686
-0.04894	-0.0277	-0.01851	-0.03586	-0.04889	-0.01802	-0.06069	-0.04424	-0.08264	-0.06355
0.008058	-0.02889	-0.032	-0.00224	-0.03141	1.94E-04	-0.05831	-0.04573	-0.0722	-0.05559
0.021262	0.018502	-0.02282	0.011258	-0.03766	-0.00304	-0.05426	-0.04389	-0.07059	-0.04214
-0.002	0.02271	-0.03233	-0.01052	-0.01807	9.49E-04	-0.02077	-0.04768	-0.07885	-0.05791
-0.01177	-0.00978	-0.03247	-0.0294	-0.03498	-0.02293	-0.01846	-0.06318	-0.08274	-0.09819
-0.03323	-0.04384	-0.03346	0.001715	-0.02036	-0.0372	-0.05911	-0.05085	-0.05381	-0.07327
-0.003	-0.02894	-0.04989	0.023123	-0.01046	-0.03352	-0.07145	-0.03049	-0.04781	-0.03352
0.014846	0.006378	-0.04944	-0.02373	-0.04023	-0.05686	-0.09188	-0.06778	-0.06418	-0.02106
0.017003	0.010767	-0.03799	-0.05049	-0.04443	-0.03959	-0.07435	-0.08367	-0.07567	-0.04509
0.003483	0.011555	0.009013	-0.0144	-0.01117	-0.04446	-0.08252	-0.06633	-0.07804	-0.0843
-0.00973	-0.02705	-0.01155	0.00599	0.001385	-0.06611	-0.1096	-0.0607	-0.08336	-0.07261
0.037673	-0.01155	-0.02255	-0.02992	-0.05276	-0.07233	-0.09215	-0.04297	-0.08267	-0.03834
0.020038	0.020109	-0.00576	-0.04726	-0.05066	-0.05663	-0.06711	-0.04587	-0.05135	-0.03312
-0.01533	0.00617	-0.02417	-0.06178	-0.02361	-0.01796	-0.03714	-0.06394	-0.04092	-0.06248
-0.0015	-0.00955	-0.03261	-0.07514	-0.02957	-0.05066	-0.05509	-0.06362	-0.04225	-0.07399
0.034641	-0.05333	-0.04302	-0.05003	-0.03236	-0.08455	-0.04931	-0.06587	-0.07349	-0.0744
0.066096	-0.07137	-0.04044	-0.04253	-0.06148	-0.12805	-0.05219	-0.07815	-0.11265	-0.09433
0.037599	-0.03245	-0.0413	-0.07394	-0.05656	-0.12136	-0.07675	-0.09775	-0.11669	-0.08304
0.011534	-0.01793	-0.04194	-0.1029	-0.02621	-0.05834	-0.06646	-0.08546	-0.07975	-0.05954
-0.01808	-0.05265	-0.04762	-0.09565	-0.02726	-0.05419	-0.06996	-0.06514	-0.03114	-0.06082
-0.00996	-0.05727	-0.03832	-0.07953	-0.02312	-0.06965	-0.06875	-0.07938	-0.03592	-0.0619
0.025616	-0.02295	-0.01598	-0.0737	-0.05745	-0.07709	-0.03895	-0.07509	-0.05346	-0.04853
0.019454	-0.02746	-0.0454	-0.0714	-0.03923	-0.04979	-0.03451	-0.06733	-0.0457	-0.02148
0.034494	0.002891	-0.03482	-0.0351	7.19E-04	-0.00809	-0.03864	-0.03425	-0.0343	-0.03796
0.00994	-0.00169	-0.01464	-0.00249	-0.00678	-0.02276	-0.04228	-0.03499	-0.04107	-0.05096
-0.00522	-0.05871	-0.05729	-0.01729	-0.02176	-0.04522	-0.02997	-0.05299	-0.03217	-0.03894
0.004729	-0.04708	-0.03852	0.008869	-0.03962	-0.04092	-0.0017	-0.01923	-0.00793	-0.0485
0.002768	-0.00347	0.003315	0.033154	-0.0279	-0.0256	-0.03891	-0.04803	-0.03948	-0.03983

0.029507	0.018324	0.013039	0.008869	-0.03925	-0.0314	-0.04754	-0.04826	-0.06237	-0.05637
-6.22E-04	0.006482	0.019273	0.012977	-0.03647	-0.01488	-0.01287	-0.03846	-0.03844	-0.04764
-0.05463	0.007089	-0.0136	0.007099	-0.05254	-0.01786	-0.04015	-0.03747	-0.01614	0.008066
-0.07337	0.013911	-0.0194	-0.00342	-0.06827	-0.03084	-0.07115	-0.00748	-0.03539	-0.00206
-0.0389	0.020502	-0.01531	0.002131	-0.04808	-0.01945	-0.05796	0.005605	-0.04603	-0.03078
0.026136	0.029894	-0.00739	5.03E-04	-0.06595	-0.01122	-0.02326	-0.00205	-0.06782	-0.05333
0.012056	0.019912	-0.00823	-0.00383	-0.06934	-0.00444	-0.0469	-0.03456	-0.07321	-0.04804
0.005362	0.024405	-0.03513	0.001051	-0.05857	-0.01852	-0.07152	-0.04744	-0.08694	-0.03878
0.009992	0.024603	-0.03799	0.01233	-0.03934	-0.03594	-0.07154	-0.02411	-0.06511	-0.04035
0.032595	0.012415	-0.03186	-0.00542	-0.02121	-0.02034	-0.08436	-0.02109	-0.04444	-0.03512
0.00514	0.02147	-0.00209	0.008127	-0.01498	-0.02441	-0.07032	-0.01567	-0.0533	-0.02779
-0.00991	0.053326	0.029057	0.035644	-0.02246	-0.02417	-0.04863	-0.00838	-0.07318	-0.01873
0.021386	0.047744	0.006326	0.016677	-0.03166	-0.00379	-0.03693	-0.0126	-0.06492	-0.03096
0.010407	0.01467	-0.0252	0.009275	-0.02407	-0.00574	-0.02176	-0.00946	-0.05708	-0.04083
0.045206	0.037013	-0.01885	-0.00128	-0.01884	-3.80E-04	0.009979	-0.02843	-0.07301	-0.04541
0.061922	0.043514	0.002481	0.018953	-0.01432	0.004413	-0.01287	-0.02738	-0.06394	-0.03283
0.03806	0.025725	-0.03205	0.035141	-0.02604	-7.57E-04	-0.04937	-7.57E-04	-0.0569	-0.01591
0.04592	0.035121	-0.04245	0.008144	-0.00595	0.005989	-0.04014	0.005008	-0.0364	-0.04188
0.064955	0.042308	9.52E-04	0.010834	0.038325	0.014991	-0.01121	-0.00975	-0.02934	-0.02857
0.074223	0.044781	0.041964	0.021363	-0.00608	0.012335	-0.00292	-0.00177	-0.033	0.01552
0.026657	0.042798	0.070539	0.05407	-0.02917	-0.00399	-0.04328	-0.01849	-0.0554	7.37E-04
-0.01865	0.010154	0.058139	0.073704	0.001613	-0.02476	-0.03534	-0.04528	-0.08612	-0.03418
0.016704	-0.00653	0.039845	0.055083	0.009025	-0.04688	-0.02718	-0.02092	-0.06143	-0.06117
0.075449	0.026886	0.04081	0.00542	-0.02287	-0.02868	-0.0148	-0.04666	-0.06371	-0.04673
0.087813	0.056349	0.052699	-0.02326	-0.02221	0.00574	-0.01283	-0.06238	-0.0501	-0.02343
0.073642	0.03147	0.056382	0.00273	0.022463	0.008925	-0.01087	-0.04338	-0.02228	-0.03028
0.010615	0.021327	0.050356	-0.02495	0.008794	-0.00833	0.007896	-0.0373	-0.0332	-0.06996
-0.00266	-0.00928	0.038013	-0.0272	0.015105	-0.05795	-0.02942	-0.02248	-0.01343	-0.07343
0.013518	-0.01121	0.02931	0.017227	0.0308	-0.08109	-0.04908	-0.04483	-0.04076	-0.07539
0.047256	0.039587	0.033841	0.010155	0.017139	-0.06673	-0.03231	-0.05525	-0.06677	-0.11145
0.065388	0.029693	0.033512	-0.00491	0.027129	-0.03908	-0.02241	-0.07385	-0.04854	-0.1014
0.04485	-1.75E-04	0.027161	0.012347	0.029151	-0.02992	-0.01685	-0.05854	-0.05922	-0.09861
0.071823	0.024025	0.021649	0.026118	0.005434	-0.02969	-0.03606	-0.05896	-0.04834	-0.07899
0.081669	0.070497	0.044956	0.011581	-0.0223	0.004148	-0.0393	-0.08479	-0.02963	-0.05814
0.066785	0.082657	0.037606	-0.01373	-0.01281	-0.00475	-0.03811	-0.0512	-0.02534	-0.09166
0.051938	0.043835	0.021578	0.002114	-0.01049	-0.02523	-0.02372	-0.03184	-0.03453	-0.08159
0.032631	0.024098	0.031124	0.026224	-0.04351	-0.01855	-0.02605	-0.01594	-0.0387	-0.04167
0.029489	0.024387	0.004613	0.016058	-0.03458	0.002991	-0.05884	-0.01035	0.001532	-0.01008
0.022239	0.044989	0.013842	0.007655	-0.01103	0.0104	-0.06719	-0.02562	-0.03069	-0.04603
-0.01382	0.052844	0.028045	0.001449	-0.01401	0.001327	-0.05189	-0.02045	-0.06185	-0.03749
-0.00542	0.027632	0.029564	-0.00158	-0.0194	0.027787	-0.00509	-0.00164	-0.03163	0.014132
0.01392	0.002359	0.026316	0.018262	0.013865	0.033417	0.003845	0.005622	-0.00794	0.01338
0.049752	0.010207	0.016066	0.042892	0.042772	0.028452	-0.03796	-0.00585	-0.02687	-0.01634
0.056843	0.003098	0.007134	0.043641	0.018135	0.029907	-0.04847	-0.01516	-0.06909	-0.03115
0.061883	0.014705	0.034097	0.021241	0.01328	0.033098	-0.01166	-0.01853	-0.06251	-0.0356
0.04382	0.050325	0.071774	0.022425	0.030956	0.024705	0.015092	-0.03475	-0.06052	-0.03803
0.017285	0.03307	0.060252	0.019057	0.036418	-0.01353	0.002304	-0.03242	-0.04937	-0.02965

0.04311	0.059784	0.061479	0.001366	0.040738	-0.00976	0.014701	-0.00743	-0.00959	-0.01358
0.087358	0.097341	0.089039	-0.0086	0.035591	-0.01764	0.008869	-0.02151	0.002434	-0.03765
0.101372	0.086745	0.057192	3.54E-04	0.028355	-0.03279	-0.01012	-0.04015	0.001515	-0.03532
0.073062	0.050574	0.003827	-0.00367	0.005369	-0.00824	0.009037	-0.04114	-0.02518	-0.03871
0.053369	0.010889	0.025795	0.021224	0.010367	0.00136	0.00934	-0.04009	-0.0247	-0.06015
0.052319	0.016263	0.065375	0.028551	0.065675	0.015535	0.018375	-0.02844	-6.72E-05	-0.04433
0.067595	-0.00894	0.044618	0.019957	0.088263	0.031191	0.02512	-0.0341	0.012928	-0.00138
0.050568	-0.00186	0.043831	0.057117	0.092212	0.066938	0.004526	-0.01635	0.007429	0.02084
0.020499	0.035473	0.069287	0.103265	0.071328	0.054718	0.028778	0.041882	-0.01738	-0.01971
0.012856	0.011801	0.074518	0.073469	0.043093	0.02847	0.042473	0.009341	-0.00386	-0.03827
0.016125	-0.00854	0.048687	0.029453	3.62E-04	0.018006	0.008383	-0.03348	-0.006	-0.04451
0.026011	0.02147	-9.60E-04	0.018003	0.001645	0.01045	-0.03937	-0.03999	-0.01614	-0.02672
0.040132	0.062201	-0.01642	0.011938	-0.00545	-0.00407	-0.0332	-0.02401	-0.03262	-0.01534
0.036218	0.052882	0.016294	0.020339	-0.02907	-0.00746	0.018066	-0.01214	-0.05259	-0.03022
0.048181	0.027068	0.013911	0.039398	-0.0247	0.009695	-0.01326	-0.02878	-0.04341	-0.02335
0.055862	0.024242	0.004544	0.02314	-0.04753	0.00993	-0.05425	-0.01806	-0.04326	-0.03997
0.079409	0.04588	-0.00753	0.02349	-0.02359	0.013044	-0.05577	-0.01965	-0.05478	-0.04088
0.095603	0.075365	0.019343	0.050132	0.028061	0.015433	-0.02455	-0.02335	-0.05652	-0.04681
0.037267	0.053674	0.069584	0.064447	0.020064	0.004049	0.014309	-0.03028	-0.03525	-0.05597
0.028513	0.036976	0.040829	0.051938	-3.34E-04	0.002826	-0.02154	-0.03709	-0.03191	-0.04727
0.072302	0.069714	0.012272	0.037607	0.010268	0.004628	-0.06851	-0.03585	-0.03664	-0.03637
0.109716	0.085579	0.019414	0.050913	0.043076	0.003519	-0.06672	-0.03025	-0.0241	-0.00107
0.069515	0.072631	0.052336	0.058972	0.026129	-0.01581	-0.03951	0.00413	-0.01094	-0.00508
0.032066	0.049099	0.049862	0.03871	0.009273	0.006771	-0.03975	-2.33E-04	-0.01095	-0.04112
0.028296	0.026142	0.003605	0.039343	0.008612	0.023301	-0.03714	-0.01868	-8.31E-04	-0.04109
0.026496	0.015289	-0.02445	0.037192	0.012079	0.009796	-0.03286	-0.0119	0.016817	-0.00808
0.046503	0.054312	-0.02807	0.0098	0.010882	0.011712	-0.0042	0.01766	-8.15E-04	-0.01401
0.058678	0.056504	-0.02214	0.013114	-0.00633	0.002479	0.005507	0.003964	-0.0175	-0.03392
0.055496	0.028397	-0.00676	0.027721	0.002606	-0.00166	-0.01273	-0.02695	-0.04907	-0.03843
0.080751	0.031268	0.012586	0.033047	0.030244	0.013568	-0.00914	-0.01982	-0.05362	-0.03952
0.113081	0.052535	0.009531	0.03694	0.040454	0.02982	0.00416	-0.02341	-0.03891	-0.03573
0.109542	0.078627	0.025364	0.017986	0.010019	-0.02564	-0.00464	-0.03677	-0.0292	-0.05242
0.069376	0.067136	0.04055	0.033851	0.002557	-0.05333	-0.03988	-0.06507	-0.00596	-0.08311
0.060288	0.043646	0.033786	0.030003	0.008546	-0.02392	-0.03927	-0.08225	-0.00567	-0.05642
0.0647	0.041574	0.021045	0.018659	0.035117	0.005109	-0.03805	-0.0612	-0.0065	-0.01662
0.0564	0.056193	0.027071	0.033636	0.067564	0.029205	-0.04994	-0.01871	-0.01883	-0.01543
0.04786	0.073055	0.047572	0.03018	0.055488	-0.01448	-0.04	-0.01292	-0.01965	-0.02843
0.06163	0.043892	0.060816	0.041505	0.025322	-0.06673	-0.0119	-0.03124	-0.02529	-0.07576
0.052395	-0.00393	0.053158	0.013421	0.005057	-0.05335	-0.00823	-0.05741	-0.02997	-0.09372
0.028387	-2.12E-05	0.007358	-0.0289	0.007523	-8.52E-05	-0.00556	-0.03225	-0.03686	-0.06325
0.039484	0.042703	-0.0136	-0.00387	-0.00552	-0.00915	-0.02027	-0.0058	-0.05261	-0.06422
0.052643	0.019555	0.015101	0.001582	-0.03007	-0.0366	-0.0165	-0.0527	-0.06137	-0.08189
0.026298	-0.01005	0.019715	-0.03253	-0.03032	-0.05019	-0.00857	-0.07457	-0.05197	-0.09883
0.02967	-0.01926	0.022361	-0.02299	-7.23E-04	-0.04266	-0.02396	-0.07079	-0.02046	-0.04563
0.0383	-0.01013	0.042113	-0.03723	-0.00287	-0.022	-0.05218	-0.06673	-0.00668	-0.02376
0.001748	-0.00469	0.045914	-0.04582	-0.00507	-0.04623	-0.06139	-0.04409	-0.0156	-0.03416
-0.00123	-0.004	0.009341	-0.01501	0.014904	-0.04137	-0.03297	-0.04397	-0.02736	-0.02751

0.025885	0.010749	-0.00518	-0.01248	0.016062	0.010131	0.012782	-0.03632	-0.03799	-0.04566
0.051842	0.017541	0.013318	-0.04047	-0.00111	0.027438	2.25E-04	-0.06545	-0.03598	-0.04707
0.073923	0.053423	0.03538	-0.0305	-0.00132	0.004628	-0.03085	-0.07566	-0.02432	-0.04872
0.030304	0.034177	0.031943	0.008245	0.018185	-0.0398	-0.05559	-0.05669	-0.02941	-0.0589
0.026585	-0.00358	-0.00293	-0.00779	-0.01198	-0.04268	-0.03439	-0.01499	-0.00168	-0.046
0.057518	0.018877	-0.00464	-0.00759	-0.0403	-0.00624	-0.01415	0.039739	-0.00285	-0.04098
0.019224	0.042911	0.004579	0.004181	-0.01879	0.019255	-0.01888	6.52E-04	-0.04241	-0.04256
-0.03287	0.042082	0.015574	-0.04003	-0.01319	-0.00614	-0.0343	-0.03039	-0.01776	-0.02406
0.008903	0.036586	0.032198	-0.01891	0.008083	-0.02448	-0.04698	0.009676	0.027067	-0.01436
0.073702	0.04588	0.007168	0.013489	0.006798	-0.00407	0.004941	0.050339	-0.01137	-0.02555
0.061864	0.047954	-0.00195	0.028127	-0.0014	0.013636	0.01246	0.043945	-0.03683	-0.00649
0.028784	0.043646	0.02245	0.055723	0.011513	0.031403	0.012274	0.025741	-0.02991	0.01091
0.016336	0.031103	0.038733	0.045384	0.017308	0.044408	0.02587	-0.02015	-0.0238	-0.00842
0.069575	0.053133	0.029021	0.038691	0.047716	0.043212	-0.02184	-0.03951	-0.00627	-0.03796
0.130766	0.080288	0.023538	0.049946	0.011746	0.013839	-0.05007	-0.00151	-0.01824	-0.04009
0.080426	0.061886	0.036648	0.071337	-0.01568	-0.00763	-0.05266	0.003568	-0.01829	0.017017
0.025885	0.026432	0.044637	0.064006	-0.0152	0.004827	-0.0171	-4.95E-04	-0.04943	0.027972
-0.0035	-0.00883	0.038844	0.063335	-0.01502	-5.11E-04	0.028462	0.01149	-0.07177	-0.0109
0.050549	0.044213	0.060602	0.081601	0.04629	0.033594	0.054987	0.018087	-0.04657	-0.01123
0.139117	0.129735	0.087815	0.065948	0.072781	0.070106	0.067027	0.032401	-0.01726	0.003517
0.133816	0.11518	0.04727	0.028745	0.028683	0.061597	0.038393	0.027781	-0.0014	0.004754
0.111985	0.078013	0.021471	0.014138	-0.03182	0.028767	0.014343	0.008437	-0.03897	-0.01061
0.112599	0.067494	0.037717	0.038999	-0.03025	-0.0142	0.003248	-0.00267	-0.03695	-0.02892
0.112358	0.077115	0.042785	0.064198	0.010981	0.011695	7.70E-05	0.001326	-0.00298	-0.01317
0.12543	0.108486	0.020069	0.041724	0.020149	0.037205	-0.01332	0.004743	-0.03097	0.009773
0.130378	0.104124	0.001189	0.028463	0.001353	0.030083	-0.05616	3.08E-04	-0.04642	0.00935
0.095582	0.082843	0.05901	0.03403	-0.01452	0.034978	-0.04426	-0.01327	-0.01841	0.018431
0.099391	0.068453	0.065296	0.034675	0.008761	0.025678	0.002519	-0.01077	0.007768	-0.00356
0.150133	0.075568	0.036519	0.034818	0.051602	0.052122	-0.01177	0.006004	0.022647	-0.03589
0.140844	0.096935	0.059301	0.031976	0.046704	0.063946	-0.0243	0.027414	-0.04363	-0.01382
0.098542	0.061295	0.045031	0.027509	0.010633	0.053121	-0.00765	0.015837	-0.08275	-0.01362
0.049846	0.025399	0.0394	0.0251	0.003454	0.049211	0.028532	0.01679	-0.0287	-0.01833
0.045638	0.052381	0.062963	0.05095	0.044473	0.038905	0.018907	-0.02123	-0.00636	0.006836
0.099731	0.077686	0.031488	0.054557	0.073049	0.032903	-0.03242	-0.04307	-0.00637	-0.01862
0.074524	0.075771	0.016962	0.060206	0.054348	0.037222	-0.01281	-0.02636	-0.01913	-0.02503
0.017549	0.083898	0.034756	0.078873	0.04304	0.029293	0.028058	0.004627	-0.03333	-0.06185
-0.00471	0.065922	0.054192	0.047557	0.037848	0.020474	0.029992	-0.01932	-0.03834	-0.05326
0.042363	0.053732	0.036446	0.023734	0.02289	0.002084	-0.0087	-0.05808	-0.02344	0.002383
0.104179	0.056038	0.01952	0.043257	0.026095	-0.05756	-0.08538	-0.04685	-0.00552	-0.01736
0.091806	0.094975	0.039363	0.061157	0.032595	-0.03821	-0.06296	-0.00415	-0.009	-0.01486
0.057615	0.112229	0.042057	0.072861	0.047156	0.048624	0.015996	0.02717	-0.01319	-0.01633
0.046277	0.102802	0.062298	0.053489	0.066807	0.075359	0.041187	0.008337	-0.01257	-0.02356
0.095161	0.082079	0.049748	0.040705	0.082251	0.070125	0.064501	0.001852	-0.01356	-0.01353
0.132139	0.044554	0.013074	0.058062	0.0943	0.040828	0.040844	0.037696	0.002635	-0.02745
0.10629	0.053307	0.030452	0.047059	0.065073	0.0439	0.02566	0.02848	0.011321	-0.00842
0.079897	0.071643	0.066872	0.044906	0.036013	0.051568	0.034617	-0.02283	0.015868	0.011318
0.085666	0.093533	0.097279	0.036489	0.051365	0.026235	0.024475	-0.04687	0.032948	-0.00799

0.128374	0.092961	0.090037	0.041032	0.058498	0.037473	0.04502	-0.02251	0.04214	0.011403
0.132208	0.066797	0.06565	0.077447	0.057647	0.020972	0.063072	0.027239	0.026607	0.00576
0.108368	0.090451	0.073034	0.089543	0.067734	0.024722	0.061098	0.023175	0.010604	-0.01724
0.063955	0.099246	0.04812	0.041815	0.073951	0.051623	0.0723	0.003105	0.033109	0.003266
0.064602	0.088982	0.051593	0.001349	0.078178	0.064954	0.06674	0.020916	0.058667	0.039355
0.115214	0.076402	0.063295	0.041888	0.089158	0.063585	0.027882	-0.01197	0.071553	0.061892
0.155954	0.100106	0.071774	0.119087	0.08325	0.026147	0.003546	0.020039	0.065439	0.038033
0.146896	0.159632	0.103869	0.118651	0.076339	0.03528	0.022686	0.08582	0.052299	0.014903
0.110849	0.169989	0.131462	0.117327	0.092252	0.072579	0.082364	0.069762	0.050353	0.003734
0.128783	0.154435	0.143654	0.084266	0.105453	0.085899	0.10091	0.048448	0.048452	0.014303
0.169429	0.095337	0.12361	0.067144	0.090213	0.071979	0.08318	9.48E-04	0.041243	0.050431
0.161387	0.096551	0.128768	0.117023	0.090652	0.064383	0.061079	-0.00867	0.023436	0.044023
0.184964	0.153316	0.135788	0.129711	0.10255	0.058547	0.044875	0.032119	0.002518	3.22E-04
0.210636	0.142206	0.127858	0.095401	0.103927	0.04439	0.049994	0.015548	0.006601	-0.02057
0.171909	0.135342	0.130615	0.060415	0.109373	0.047964	0.050326	0.005987	0.037094	-0.01089
0.165773	0.114046	0.142478	0.076064	0.098182	0.059824	0.041187	0.004892	0.058858	0.028184
0.178898	0.10408	0.102624	0.085393	0.069955	0.030874	0.037298	0.010515	0.036026	0.023962
0.152481	0.094423	0.069624	0.057174	0.053541	0.013991	0.054279	0.012906	-0.01918	-0.04106
0.127488	0.095933	0.084062	0.026013	0.060654	0.048294	0.066682	-0.02053	-0.02405	-0.0554
0.13308	0.10484	0.091685	0.027527	0.069442	0.050793	0.036778	-0.0361	0.013254	-0.02439
0.136655	0.115202	0.093297	0.056985	0.078314	0.047525	0.007511	-0.03336	0.039874	0.022215
0.147893	0.110023	0.068474	0.068944	0.060878	0.018793	0.015058	-0.0019	0.030051	0.033179
0.142437	0.057497	0.063334	0.036309	0.038998	0.009662	0.038698	0.025967	-0.01881	-0.03016
0.114113	0.038559	0.071296	0.010715	0.065562	0.01881	0.03307	-0.00298	-0.03039	-0.06182
0.087813	0.073177	0.053177	-0.01424	0.071863	0.008423	0.03268	-0.01861	-0.01999	-0.06411
0.134368	0.085766	0.052317	-0.0101	0.047408	0.043212	0.001659	-0.02229	3.49E-04	-0.02804
0.155712	0.054854	0.067801	0.012347	0.028874	0.013433	-0.0088	-0.01155	-0.01521	-0.01921
0.139583	0.079077	0.078006	0.015577	0.016886	-0.03333	8.67E-04	-0.03398	-0.05943	-0.08861
0.123111	0.100794	0.084206	0.0152	0.014183	-0.03684	-7.78E-04	-0.06695	-0.04584	-0.07478
0.119022	0.071482	0.065119	0.033565	0.041575	-0.01327	0.001775	-0.06514	-0.00781	-0.03596
0.110304	0.055048	0.042486	0.071357	0.058424	0.032903	-0.05522	-0.06418	0.020428	-0.03036
0.102934	0.084956	0.068652	0.079927	0.020625	0.038367	-0.03352	-0.02936	-0.00336	-0.0309
0.141148	0.124996	0.107668	0.01897	0.015827	0.022765	0.007193	-0.00804	-0.02681	-0.03932
0.139537	0.105733	0.07492	-0.01025	0.048168	0.026548	-0.0165	-0.04878	-0.02681	-0.06791
0.092914	0.060274	0.018725	-4.40E-04	0.027957	0.014415	-0.03338	-0.05978	-0.03399	-0.06364
0.102334	0.035825	-9.26E-04	0.020755	0.006601	0.008272	-0.04305	-0.05914	-0.03957	-0.02852
0.13536	0.04782	0.048195	0.083022	0.012063	0.005076	-0.02678	-0.0263	-0.03134	-0.00667
0.1656	0.079856	0.078027	0.091623	0.018523	0.001573	0.013783	0.005987	-0.03539	-0.03509
0.169254	0.108749	0.076067	0.0611	0.062371	0.049266	0.028936	-0.01359	-0.01817	-0.04005
0.15042	0.107851	0.053502	0.055196	0.101915	0.082714	0.03355	-0.01256	0.039127	0.026191
0.119913	0.102932	0.088977	0.082541	0.060095	0.057572	0.006892	0.007302	0.053897	0.068959
0.119735	0.123223	0.124916	0.084608	0.01832	0.004363	0.007277	0.007402	-0.00358	0.005508
0.170004	0.162552	0.102175	0.070772	0.047716	-4.46E-04	-0.00819	0.019765	-0.01899	-0.04393
0.166269	0.155778	0.044243	0.066044	0.064471	0.023838	-0.02731	0.024144	0.014284	4.55E-04
0.109085	0.122	0.017931	0.056797	0.069005	0.045955	-0.02714	0.005107	0.010281	0.019591
0.125656	0.104232	0.042897	0.065178	0.089516	0.070646	-0.01729	0.035663	0.03105	0.028962
0.105082	0.098325	0.073735	0.075473	0.06267	0.068414	0.031706	0.035201	0.047914	0.066597

0.106139	0.09916	0.054556	0.074981	0.06387	0.076687	0.037352	0.006137	0.015282	0.072742
0.130561	0.071583	0.024253	0.09279	0.08059	0.081565	0.019956	0.019233	-0.01497	0.050208
0.110544	0.059451	0.02998	0.061539	0.058183	0.030259	0.027654	0.018189	-0.04404	0.009299
0.090034	0.075995	0.053292	0.031851	0.068758	0.014534	0.034083	0.030006	-0.01755	-0.01298
0.085707	0.033458	0.059204	0.070013	0.096055	0.078628	0.037836	0.022121	0.03198	0.021606
0.093752	0.021955	0.060972	0.052722	0.067185	0.048936	-0.00757	-0.00922	0.005438	0.052239
0.098012	0.045084	0.071555	0.010952	0.048802	-0.02012	-0.03066	0.008437	-0.01202	0.033644
0.070687	0.009945	0.037182	0.007756	0.011414	-0.02888	0.031529	0.031995	0.003774	0.00886
0.030758	6.79E-04	-0.0014	0.009191	-0.00773	0.008423	0.032733	0.017336	-0.00282	-0.02651
0.049467	0.036511	-0.03498	-0.00283	0.002736	0.039263	0.011209	-0.02494	-0.01202	-0.04229
0.060754	0.047039	-0.00464	0.022077	0.006157	0.024618	0.00426	-0.04657	-0.01475	-0.04515
0.020251	0.011187	0.013266	0.052292	0.033959	0.022454	-0.05772	-0.02364	-0.02167	-0.06074
-0.0089	-0.02959	-0.02396	0.035464	0.001076	0.032585	-0.06014	7.51E-04	-0.02304	-0.05664
-0.01054	-0.03271	-0.02699	0.003213	-0.01744	-0.00478	-0.05571	-0.00667	-0.04187	-0.03589
-0.03497	-0.02732	-0.04753	-0.02606	-0.02118	-0.03948	-0.05452	-0.03699	-0.04697	-0.03992
-0.04536	0.008392	-0.05925	-0.04881	-0.0434	-0.03016	-0.05803	-0.05966	-0.05667	-0.07059
-0.04932	-0.00772	-0.02584	-0.06737	-0.07299	-0.03594	-0.08607	-0.06054	-0.09562	-0.08744
-0.03108	-0.03362	-0.0062	-0.034	-0.05826	-0.03196	-0.06521	-0.05241	-0.10132	-0.05568
-0.00989	-0.04181	-0.04247	-0.00118	-0.01735	-0.04385	-0.03955	-0.0436	-0.10195	-0.07821
-0.01014	-0.05017	-0.06768	-0.01225	-0.02445	-0.07169	-0.06954	-0.04328	-0.08381	-0.10708
-0.01839	-0.03885	-0.04753	-0.0434	-0.05343	-0.0954	-0.11761	-0.06626	-0.07162	-0.07723
-0.03539	-0.05568	-0.02607	-0.06182	-0.04691	-0.07324	-0.10178	-0.09732	-0.08506	-0.07957
-0.03667	-0.08918	-0.06307	-0.06771	-0.046	-0.05801	-0.08275	-0.11078	-0.08446	-0.09329
-0.02735	-0.11158	-0.0892	-0.07783	-0.05908	-0.07587	-0.09409	-0.1112	-0.09909	-0.1051
-0.03499	-0.11522	-0.10133	-0.10258	-0.06369	-0.08127	-0.09091	-0.13454	-0.10888	-0.12586
-0.06992	-0.10116	-0.13586	-0.12286	-0.04979	-0.08658	-0.06298	-0.14203	-0.11265	-0.12126
-0.09021	-0.09003	-0.11029	-0.13152	-0.07011	-0.0883	-0.08057	-0.12596	-0.08816	-0.11944
-0.08922	-0.09307	-0.0789	-0.11712	-0.10935	-0.09075	-0.14041	-0.1447	-0.06615	-0.11936
-0.12918	-0.09885	-0.05895	-0.08609	-0.10939	-0.12591	-0.13559	-0.15384	-0.10848	-0.11945
-0.10534	-0.08231	-0.06992	-0.08945	-0.11138	-0.14041	-0.10515	-0.12294	-0.11345	-0.09265
-0.07784	-0.05679	-0.10735	-0.09191	-0.10069	-0.11095	-0.09456	-0.11603	-0.10281	-0.09354
-0.07192	-0.05185	-0.12727	-0.09434	-0.08344	-0.07571	-0.09507	-0.12102	-0.1075	-0.09325
-0.05055	-0.06556	-0.13781	-0.1088	-0.09939	-0.06706	-0.08822	-0.09547	-0.07534	-0.06174
-0.06306	-0.04974	-0.11419	-0.09599	-0.11158	-0.10298	-0.09719	-0.09554	-0.10073	-0.07911
-0.07643	-0.07612	-0.11444	-0.0928	-0.10281	-0.10933	-0.12887	-0.1097	-0.12307	-0.08255
-0.06449	-0.10079	-0.10669	-0.09432	-0.11071	-0.08942	-0.11895	-0.07007	-0.10883	-0.06222
-0.06641	-0.06801	-0.08043	-0.08321	-0.09295	-0.09293	-0.09304	-0.03832	-0.11012	-0.06728
-0.07136	-0.03756	-0.07276	-0.08764	-0.06243	-0.07158	-0.06534	-0.05977	-0.10012	-0.07232
-0.05168	-0.07291	-0.05378	-0.06137	-0.02931	-0.06999	-0.07077	-0.07219	-0.09631	-0.09059
-0.03848	-0.11246	-0.03206	-0.02869	-0.00773	-0.07194	-0.0908	-0.05344	-0.07553	-0.06525
-0.04044	-0.09265	-0.03748	-0.03632	-0.01495	-0.07177	-0.08263	-0.01857	-0.06835	-0.02265
-0.01699	-0.05933	-0.05009	-0.04271	-0.01663	-0.05813	-0.06696	-0.0505	-0.07821	-0.04367
-0.01241	-0.08955	-0.04191	-0.05634	-0.02987	-0.03683	-0.03201	-0.08097	-0.08536	-0.07977
-0.08386	-0.10503	-0.02791	-0.06132	-0.04494	-0.07846	-0.03094	-0.06006	-0.0955	-0.06663
-0.07545	-0.0509	-0.04411	-0.04606	-0.03357	-0.08864	-0.04134	-0.06812	-0.09064	-0.06417
-0.03345	-0.04521	-0.06537	-0.04141	-0.03597	-0.04655	-0.0361	-0.07633	-0.07831	-0.08002
-0.01929	-0.03817	-0.04882	-0.03208	-0.01677	-3.28E-06	-0.04956	-0.04567	-0.05904	-0.071

-0.02862	-0.00449	-0.03153	-0.01528	-0.02108	-0.00265	-0.04481	-0.03643	-0.05456	-0.03938
-0.02995	0.00451	-0.0191	0.005537	-0.03783	-0.02635	-0.05178	-0.04919	-0.04958	-0.03073
0.016617	-0.00293	-0.01918	-0.01458	-0.05688	-0.02657	-0.04352	-0.03819	-0.03676	-0.04956
0.044044	0.009875	-0.02272	-0.02329	-0.04017	-0.04382	-0.05161	-0.01841	-0.04703	-0.05481
0.025885	0.024893	-0.01905	-0.00523	-0.02395	-0.04654	-0.06576	-4.14E-04	-0.04265	-0.0394
0.002054	9.02E-04	-0.0246	0.003163	-0.04876	-0.02688	-0.03161	-0.01702	-0.01373	0.008437
-0.00657	-0.0281	0.002736	-0.00578	-0.01867	0.013974	-0.04299	-0.03383	-0.02443	0.001069
0.016564	-0.02954	0.009635	-0.03993	-0.00335	-0.01036	-0.02024	-0.01557	-0.03992	-0.01591
0.020197	-0.04385	-9.77E-04	-0.0039	0.004059	-0.0396	-0.00168	-0.02048	-0.02487	-0.00601
-0.00754	-0.06375	-0.00307	-0.01945	0.005992	-0.02584	-0.01316	-6.59E-04	-0.02192	-0.03491
-0.03389	-0.05338	-0.05541	-0.07136	-0.00899	-0.03701	-0.00542	-0.03149	-0.05484	-0.03657
-0.07489	-0.03007	-0.07787	-0.10788	-0.0368	-0.05335	-0.0092	-0.06068	-0.03225	-0.01786
-0.08182	-0.01885	-0.05144	-0.09498	-0.05046	-0.0177	-0.03525	-0.06018	-0.01483	-0.02314
-0.05962	-0.02452	-0.02664	-0.04783	-0.04037	-0.03426	-0.03604	-0.02803	-0.02923	-0.02844
-0.03856	-0.03724	-0.04113	-0.04339	-0.03049	-0.06489	-1.20E-04	-0.02291	-0.02615	-0.0247
-0.02351	-0.08072	-0.06348	0.008802	-0.00258	-0.06296	-0.02993	-0.03623	-0.00614	-0.01627
-0.03141	-0.06085	-0.04912	0.016711	-5.93E-04	-0.02746	-0.05076	-0.00585	-2.50E-04	-0.00265
-0.04758	0.002874	-0.03496	-0.00202	-0.01548	-0.00268	-0.00814	0.017933	-0.02958	-0.00375
-0.0406	0.02607	-0.02139	-0.00199	-0.03717	0.005142	0.02305	0.024161	-0.05433	-0.05584
-0.00933	0.024621	-0.02818	-0.01136	-0.05867	0.016675	-0.00475	0.022881	-0.03117	-0.0373
0.012856	-0.01066	-0.05076	-0.02724	-0.03832	0.014262	-0.02749	0.029181	-0.04779	0.005559
0.039502	-0.00629	-0.05502	-0.04737	0.01183	0.026391	-0.01404	0.024387	-0.0217	0.033966
0.025831	0.006014	-0.0204	-0.02169	0.015155	0.03324	-0.00428	0.01343	6.48E-04	0.034827
0.026172	0.032279	-0.02081	0.027227	0.023608	0.048679	-0.01669	0.019267	-0.01662	0.012288
0.039854	-0.00538	-0.03912	0.01878	0.031235	0.061162	-0.00265	0.021432	-0.01142	0.034379
0.025706	-0.03862	-0.01416	-0.00495	0.030209	0.009527	-0.00304	0.012265	0.003942	0.054637
0.003654	-0.01752	0.016751	0.001599	0.040276	0.00844	0.007612	0.01181	-0.00356	0.016913
0.032741	0.018021	0.005674	0.015457	0.021849	0.041892	0.025573	-0.02454	-0.01024	0.020858
0.043091	-0.01218	9.52E-04	0.033958	0.01055	0.011998	-0.02146	-0.00799	-0.01401	0.034468
0.014409	-0.07556	0.013615	0.031941	0.020625	-0.02147	-0.03321	-0.02545	-0.03493	0.010859
-0.02402	-0.09433	-0.01947	-3.57E-04	0.015474	-0.03548	-0.01888	-0.03721	-0.03794	-0.01574
-0.02772	-0.06716	-0.04752	-0.03507	-0.00564	-0.00995	0.005041	-0.01778	-0.03	-0.0751
-0.00383	-0.052	-0.03702	-0.04734	-8.52E-04	-0.00536	-0.00827	-0.05292	-0.04181	-0.05201
-0.03245	-0.03305	-0.00839	-0.03722	0.022361	-0.03813	-0.02722	-0.03246	-0.02268	0.001202
-0.03452	0.013031	0.025831	-0.05206	0.012696	-0.07348	-0.01978	0.027956	-0.00427	0.003918
0.006906	0.011222	0.008167	-0.08943	-0.02415	-0.06626	-0.02728	0.011692	-0.00402	-0.0187
0.027053	-0.024	-0.00813	-0.07519	-0.03989	-0.04996	-0.00613	-0.02619	-0.01351	-0.03215
0.044213	-0.02178	-0.00877	-0.04126	-0.02198	-0.05958	-0.00806	-0.02867	-0.0382	-0.03373
0.030196	-0.05314	-0.01301	-0.00795	0.018845	-0.02031	0.003397	-0.01897	-0.02038	0.013722
0.012351	-0.03676	-0.02466	-0.02329	0.010433	-0.05475	-0.0059	-0.0427	-0.03623	0.030861
0.021208	0.026505	-0.01942	-0.04515	-0.00111	-0.0841	-0.02837	-0.07021	-0.0378	-0.01272
0.062527	0.034455	0.025239	0.009935	0.021135	-0.01045	-0.00416	-0.04917	0.015041	4.04E-05
0.091409	0.044894	0.052413	0.01752	0.022003	0.052399	0.010046	0.020572	0.02909	0.008843
0.097101	0.035417	0.061732	0.025433	0.036295	0.014601	-2.03E-04	0.036589	0.01573	0.007762
0.084083	0.037385	0.081769	0.062685	0.066411	-0.00412	0.028005	0.057129	0.001799	0.021745
0.08175	0.097939	0.104988	0.056212	0.076185	0.070723	0.097499	0.064406	0.035052	0.009909
0.131452	0.122883	0.110736	0.106786	0.097512	0.124991	0.104264	0.056009	0.06571	0.039609

0.204853	0.163248	0.122038	0.1708	0.154206	0.115883	0.060663	0.094311	0.052581	0.099291
0.18639	0.117121	0.167172	0.192476	0.163053	0.1384	0.108805	0.130327	0.089099	0.162609
0.122954	0.083359	0.16598	0.162179	0.145197	0.115818	0.157366	0.164257	0.160817	0.204105
0.086697	0.121503	0.105937	0.077249	0.122834	0.082833	0.12821	0.155728	0.159542	0.177307
0.04703	0.075466	0.007547	0.059142	0.093034	0.119322	0.106949	0.08046	0.051381	0.125464
0.054288	0.051419	0.001936	0.073822	0.062072	0.148737	0.084277	0.084742	0.028255	0.124338
0.090971	0.060156	0.064098	0.080365	0.066845	0.122027	0.079292	0.071131	0.103336	0.137981
0.038725	0.040298	0.064412	0.074863	0.090892	0.047306	0.064272	0.07144	0.128502	0.104064
0.011205	0.063345	0.061537	0.032083	0.059779	0.037955	0.063681	0.055897	0.109647	0.062733
0.012264	0.093957	0.079446	0.050281	0.070469	0.089028	0.074735	0.045799	0.072436	0.102887
0.010632	0.074431	0.034024	0.077942	0.106486	0.091773	0.066222	0.081725	0.053126	0.115409
-0.00494	-0.00653	5.96E-04	0.078893	0.097959	0.066671	0.049625	0.067363	0.060862	0.126106
-0.03397	-0.00256	0.026927	0.061825	0.077693	0.028417	0.008567	0.052831	0.068388	0.108869
-0.00742	0.044667	0.037662	0.015046	0.028908	0.005557	-0.01621	0.041701	0.085581	0.048964
0.01039	0.050037	0.005195	0.015886	0.007028	0.034995	0.018615	0.027432	0.042672	0.069562
0.008179	0.027996	-0.02489	0.034783	-0.00869	0.011005	-0.01397	0.025933	0.029196	0.068707
0.001935	-0.0187	-0.02481	0.030873	-0.01884	-0.00853	-0.04953	0.004378	0.006466	0.02412
-0.02337	-0.01764	-0.00945	0.015663	0.007951	-0.01742	-0.07014	0.003898	0.00831	0.013141
-0.03553	0.022368	-0.01043	-0.01804	-0.0154	0.001031	-0.01873	0.019113	0.012107	-0.04651
-0.02567	0.027632	-0.06019	-0.01832	-0.02654	0.024444	0.013681	-0.03626	-0.0738	-0.03433
-0.02974	0.023791	-0.07593	0.004198	-0.02322	0.011459	-0.05317	-0.0582	-0.07753	0.016913
-0.0376	-0.02905	-0.09203	0.001582	-0.03734	-0.02561	-0.06957	-0.0105	-0.0249	0.020615
-0.06916	-0.07786	-0.09069	-0.0259	-0.02601	-0.06162	-0.04782	0.004693	-0.01529	0.028025
-0.0604	-0.04633	-0.07084	-0.04918	-0.05877	-0.07672	-0.05661	-0.05014	-0.03932	-0.02306
-0.06037	-0.03059	-0.06751	-0.04968	-0.07236	-0.05155	-0.0795	-0.11531	-0.09436	-0.07695
-0.03101	-0.03018	-0.07996	-0.04271	-0.07872	-0.04306	-0.0855	-0.09108	-0.08417	-0.02798
-0.00143	-0.07197	-0.09228	-0.03077	-0.0812	-0.028	-0.07362	-0.04436	-0.0284	0.016414
-0.06674	-0.09322	-0.04329	-0.00555	-0.04666	-0.03315	-0.11558	-0.05396	-0.04184	0.016689
-0.09656	-0.10642	-0.0322	-0.03331	-0.07965	-0.05862	-0.11091	-0.04125	-0.04984	-0.04032
-0.06418	-0.1006	-0.05171	-0.06571	-0.09215	-0.03818	-0.04463	-0.05515	-0.08344	-0.06097
-0.01027	-0.03066	-0.05195	-0.05869	-0.09202	-0.04357	-0.08811	-0.06964	-0.07908	-0.02971
-0.021	-0.02434	-0.09072	-0.05168	-0.07975	-0.04346	-0.08122	-0.0197	-0.03437	-0.01865
-0.0756	-0.09315	-0.09168	-0.04434	-0.0341	-0.03452	-0.08121	-0.03465	-0.0603	-0.02898
-0.08462	-0.10039	-0.04135	-0.0389	-0.03849	-0.06503	-0.10083	-0.04581	-0.04655	-0.08086
-0.05153	-0.06827	-0.06333	-0.05252	-0.07078	-0.04409	-0.04204	-0.03143	-0.04561	-0.04579
-0.00674	-0.01271	-0.05376	-0.01272	-0.06287	0.011257	-0.01756	-0.04911	-0.05765	0.037744
-0.02689	0.002256	-0.03753	0.001349	-0.04723	0.004496	-0.05214	-0.03191	0.002936	0.060576
-0.05051	-0.03929	-0.05757	-0.03498	-0.06949	-0.02346	-0.08889	0.003468	0.023261	0.056576
-0.02675	-0.03996	-0.04513	-0.04533	-0.08525	-0.03762	-0.06139	-0.00268	0.01661	0.031021
-0.02897	-0.01011	-0.06128	-0.05874	-0.08415	-0.04456	-0.03716	-5.77E-04	0.03991	0.021588
-0.01795	0.002376	-0.06406	-0.03726	-0.07297	-0.01208	-0.03378	-0.00772	0.038218	0.052838
0.025795	0.010032	-0.06746	-0.00949	-0.01135	0.02173	-0.03906	-0.01684	0.003925	0.046191
-0.03374	-0.02191	-0.04207	1.56E-04	0.025442	-0.00629	-0.05154	-0.0334	-0.01331	0.015074
-0.07889	-0.03296	-0.01362	0.014549	-0.00221	-0.04198	-0.02184	0.014937	-0.02148	-0.01674
-0.05573	-0.02232	-0.04067	-0.01904	-0.04095	-0.03782	-0.02427	0.022864	0.023103	0.031217
-0.02354	-0.0021	-0.06467	-0.04118	-0.05383	-0.03708	-0.03596	0.007786	0.045709	0.071022
-0.00516	-0.02778	-0.08325	-0.02717	-0.03529	-0.01489	-0.03043	0.010447	0.033504	0.043254

-0.05273	-0.0397	-0.05463	-0.02726	-0.01881	-0.02806	-0.02942	0.041792	0.051962	0.034163
-0.07844	-0.01155	-0.0112	-0.04026	-0.01915	-0.03483	-0.02413	0.055431	0.077178	0.042066
-0.06045	-0.02611	-0.03931	-0.03553	-0.03294	-0.00382	0.021803	0.039811	0.046338	0.052071
-0.0165	-0.03013	-0.01998	-0.01818	0.011081	0.029855	0.03501	0.006453	0.00672	0.054524
-0.012	-0.04727	-0.00723	0.026804	0.05924	0.035974	0.02234	0.01961	0.048713	0.032375
-0.03031	-0.02169	-0.02328	-0.00431	0.044276	0.030593	0.07298	0.093761	0.081088	0.013448
0.006236	-0.00324	-0.01395	-0.04839	0.01293	0.026566	0.09167	0.128075	0.032177	0.002682
0.025813	-0.02626	0.007874	-0.03009	0.033364	0.043085	0.072941	0.081428	0.045026	0.046247
0.027341	-0.00317	0.016733	-0.00216	0.053339	0.037741	0.056016	0.034277	0.024702	0.044078
0.008041	0.00902	-0.01056	-0.03193	0.050728	0.048826	0.021613	0.01848	0.014868	0.033179
0.027053	0.012134	-0.03096	-0.01891	0.050127	0.098611	0.067988	0.048429	0.032284	0.049725
0.001884	0.008184	0.027864	0.043257	0.096662	0.13795	0.138904	0.112805	0.097885	0.081027
-0.04113	0.022296	0.026352	0.045402	0.132441	0.124991	0.099956	0.107377	0.121231	0.08536
-0.03761	0.040355	-0.02439	0.019091	0.085908	0.096579	0.05305	0.091084	0.080548	0.078678
0.004969	0.025128	-0.00919	0.056438	0.056593	0.060502	-0.0022	0.095412	0.056105	0.100083
0.055593	0.017986	-0.03176	0.103097	0.085394	0.104515	0.051825	0.062679	0.03232	0.092639
0.047218	0.037758	-0.01726	0.085191	0.115311	0.146319	0.123485	0.097664	0.064531	0.098459
0.048899	0.036697	0.040531	0.074568	0.130773	0.120424	0.113693	0.167789	0.113971	0.08001
0.07696	0.050248	0.060116	0.09101	0.132199	0.10776	0.127305	0.146513	0.094523	0.060824
0.082547	0.098089	0.094767	0.091664	0.146103	0.125954	0.14952	0.094575	0.076919	0.05669
0.082977	0.10382	0.138061	0.142229	0.162393	0.17806	0.141494	0.07808	0.088059	0.088984
0.129193	0.120263	0.156635	0.123882	0.118961	0.133	0.137389	0.125048	0.114404	0.081227
0.149465	0.136697	0.120785	0.087251	0.14168	0.128194	0.105415	0.151386	0.163716	0.087786
0.160163	0.159263	0.078371	0.136888	0.209789	0.165113	0.106108	0.112295	0.223813	0.152444
0.115788	0.167345	0.125435	0.196777	0.220154	0.193449	0.135835	0.099453	0.225403	0.206336
0.119134	0.169661	0.168492	0.21304	0.171602	0.218797	0.149288	0.114082	0.156027	0.203072
0.128828	0.178611	0.125932	0.188293	0.135152	0.216335	0.173497	0.209215	0.145904	0.219397
0.114994	0.173489	0.099358	0.173383	0.16447	0.195064	0.157343	0.280735	0.240472	0.272661
0.207544	0.181636	0.151329	0.243728	0.264754	0.287375	0.268476	0.301464	0.292342	0.288558
0.27432	0.265385	0.210539	0.249658	0.333209	0.303494	0.309418	0.310148	0.274616	0.23326
0.277191	0.31846	0.260414	0.220759	0.345956	0.34314	0.333911	0.280704	0.29391	0.254935
0.344803	0.288682	0.346725	0.315322	0.354263	0.349619	0.382764	0.278084	0.317335	0.369499
0.402648	0.348979	0.437544	0.423373	0.409658	0.333599	0.396522	0.328265	0.366457	0.339746
0.424152	0.441787	0.50003	0.457025	0.406838	0.404422	0.409588	0.375957	0.35328	0.272351
0.501447	0.5119	0.538789	0.528668	0.46752	0.500668	0.376417	0.360986	0.297326	0.28011
0.56624	0.548775	0.549689	0.566929	0.567941	0.541127	0.34761	0.368656	0.382406	0.380179
0.554202	0.552781	0.579804	0.547231	0.457465	0.505891	0.467914	0.399201	0.402101	0.423315
0.569051	0.594746	0.622893	0.530966	0.402396	0.49566	0.527256	0.45234	0.355197	0.337146
0.558952	0.567415	0.540548	0.416064	0.377431	0.464948	0.502863	0.406663	0.278198	0.355455
0.490586	0.467868	0.46366	0.47429	0.404611	0.409485	0.418853	0.386046	0.350774	0.355681
0.439832	0.501481	0.466325	0.405073	0.345776	0.418029	0.302893	0.361928	0.366766	0.331175
0.437372	0.490936	0.501799	0.342936	0.325806	0.397898	0.320596	0.346769	0.3152	0.348859
0.481782	0.45332	0.423457	0.355175	0.414596	0.357202	0.328585	0.305586	0.318857	0.355793
0.425051	0.423296	0.325379	0.314946	0.331607	0.331659	0.307644	0.232265	0.304039	0.259758
0.335295	0.377875	0.35202	0.361635	0.245801	0.191304	0.251857	0.277276	0.271466	0.153575
0.313007	0.357491	0.336361	0.26651	0.270152	0.20578	0.255545	0.244151	0.216661	0.171294
0.350487	0.324366	0.302922	0.199048	0.276536	0.300897	0.273851	0.162419	0.144556	0.143501

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

30	31	32	33	34	35	36	37	38	39
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.550828	0.567764	0.698206	0.783121	1.220685	0.184175	0.092088	0	0	0
0.193775	0.204612	0.186963	0.209999	0.368351	0.504396	0.778789	1.852231	0.17777	0.088885
0.082844	0.089016	0.020986	0.092	0.17237	0.193817	0.231779	0.35554	0.465645	0.626156
0.005904	-0.0544	-0.09184	0.031659	0.007493	0.055359	0.073783	0.133996	0.180221	0.235317
-0.08918	-0.14628	-0.14892	-0.06915	-0.07298	-0.02405	0.010599	0.077144	0.088048	0.107804
-0.16706	-0.18331	-0.14155	-0.14248	-0.09869	-0.10387	-0.07436	0.009514	0.029429	0.040383
-0.1531	-0.17892	-0.12958	-0.1604	-0.12381	-0.11847	-0.09848	-0.03823	-0.00291	0.011538
-0.07916	-0.10119	-0.06702	-0.07636	-0.07442	-0.05733	-0.06589	-0.03007	-0.02716	-0.0258
0.044923	0.086026	0.068002	0.023045	-0.00308	-0.01197	-0.01178	-0.03081	-0.04352	-0.0528
0.144103	0.168658	0.15343	0.072355	0.040913	0.029257	0.037291	-0.04859	-0.07401	-0.04912
0.138355	0.147899	0.168363	0.119024	0.089179	0.039169	0.001039	-0.05703	-0.04239	-0.02982
0.065161	0.094332	0.134389	0.129862	0.097224	-0.03934	-0.03684	-0.06817	-0.06191	-0.05838
-0.02552	0.050036	0.053365	0.006179	-0.0026	-0.08325	-0.01752	-0.07287	-0.10823	-0.09226
-0.02749	-0.01086	-0.01084	-0.07981	-0.05844	-0.04657	-0.01135	-0.0701	-0.11323	-0.15029
-0.03278	-0.04291	-0.06022	-0.05906	-0.01037	0.003444	-0.03398	-0.06456	-0.0812	-0.12077
-0.06354	-0.03703	-0.06905	-0.04912	-0.03191	-0.04529	-0.05964	-0.07368	-0.04796	-0.07711
-0.05941	-0.06864	-0.03865	-0.05044	-0.09324	-0.08014	-0.10243	-0.0795	-0.05938	-0.10708
-0.0569	-0.07648	-0.0704	-0.05316	-0.06607	-0.07728	-0.12305	-0.09515	-0.11972	-0.13004
-0.0901	-0.09087	-0.06479	-0.06472	-0.09004	-0.12384	-0.13054	-0.11079	-0.14941	-0.11892
-0.08433	-0.1097	-0.06696	-0.10107	-0.15002	-0.1712	-0.14729	-0.13418	-0.16308	-0.12097
-0.10861	-0.11833	-0.12576	-0.16312	-0.13214	-0.15651	-0.12661	-0.19717	-0.1547	-0.11187
-0.12703	-0.13214	-0.14287	-0.17655	-0.11916	-0.14472	-0.12343	-0.19697	-0.14473	-0.11521
-0.12774	-0.15702	-0.1348	-0.1506	-0.13803	-0.15783	-0.14955	-0.16035	-0.13358	-0.13519
-0.18211	-0.1593	-0.16626	-0.13265	-0.14895	-0.15549	-0.14315	-0.14166	-0.10111	-0.11479
-0.1819	-0.17074	-0.18554	-0.15869	-0.18242	-0.14	-0.10145	-0.11845	-0.12454	-0.093
-0.1471	-0.16978	-0.16449	-0.1447	-0.18246	-0.12277	-0.12596	-0.12811	-0.13742	-0.12894
-0.19493	-0.18692	-0.16313	-0.13248	-0.14758	-0.13311	-0.13669	-0.14249	-0.12396	-0.144
-0.2086	-0.1918	-0.14977	-0.171	-0.16611	-0.15669	-0.14181	-0.11339	-0.11505	-0.12794
-0.16107	-0.1963	-0.16338	-0.19498	-0.20241	-0.17442	-0.17061	-0.11152	-0.14687	-0.13413

-0.17165	-0.18826	-0.19612	-0.21457	-0.15123	-0.16353	-0.14955	-0.12669	-0.15794	-0.12286
-0.20375	-0.17497	-0.1496	-0.19973	-0.1231	-0.16177	-0.14479	-0.14625	-0.15907	-0.15517
-0.21279	-0.17227	-0.13535	-0.1884	-0.14618	-0.16066	-0.15818	-0.1506	-0.17145	-0.15856
-0.21206	-0.16784	-0.18498	-0.19422	-0.18022	-0.17157	-0.14377	-0.15993	-0.17539	-0.12848
-0.20951	-0.20268	-0.20071	-0.19408	-0.175	-0.15169	-0.15943	-0.16742	-0.15943	-0.14248
-0.19779	-0.19162	-0.18261	-0.16603	-0.14896	-0.16976	-0.16864	-0.20684	-0.1587	-0.15146
-0.18749	-0.16467	-0.16913	-0.16128	-0.14375	-0.18119	-0.14204	-0.18747	-0.15974	-0.15015
-0.18793	-0.18896	-0.18094	-0.16248	-0.15907	-0.15404	-0.10558	-0.13096	-0.11128	-0.13859
-0.2116	-0.18684	-0.21382	-0.18264	-0.17498	-0.15647	-0.10282	-0.14002	-0.09636	-0.10974
-0.22312	-0.20067	-0.23321	-0.21187	-0.16217	-0.17333	-0.1063	-0.13514	-0.08678	-0.11059
-0.2194	-0.19367	-0.22282	-0.18762	-0.1522	-0.16069	-0.12428	-0.1401	-0.09643	-0.12104
-0.19611	-0.14615	-0.15263	-0.14624	-0.11158	-0.14902	-0.15175	-0.16738	-0.1025	-0.13869
-0.19177	-0.15829	-0.13421	-0.13026	-0.10479	-0.14942	-0.14282	-0.18735	-0.09854	-0.12414
-0.20903	-0.15378	-0.13358	-0.12883	-0.12604	-0.14084	-0.12781	-0.17253	-0.10964	-0.10912
-0.16729	-0.1386	-0.13696	-0.14308	-0.1133	-0.11592	-0.12439	-0.13428	-0.1303	-0.14941
-0.13778	-0.14663	-0.14782	-0.15773	-0.10427	-0.09572	-0.11071	-0.1236	-0.12651	-0.14844
-0.14508	-0.1328	-0.13516	-0.14358	-0.09106	-0.10061	-0.10715	-0.14153	-0.11219	-0.12722
-0.14147	-0.12458	-0.1434	-0.1225	-0.11871	-0.10671	-0.09739	-0.14164	-0.07766	-0.10384
-0.1161	-0.09802	-0.13197	-0.11687	-0.14832	-0.12175	-0.07625	-0.0928	-0.04575	-0.08656
-0.08958	-0.07079	-0.08057	-0.10165	-0.09759	-0.1009	-0.07966	-0.0854	-0.09558	-0.0804
-0.10806	-0.07137	-0.0497	-0.07259	-0.0545	-0.07059	-0.08195	-0.07662	-0.11504	-0.09501
-0.13709	-0.10038	-0.0561	-0.08504	-0.06101	-0.07702	-0.05161	-0.08491	-0.0803	-0.08904
-0.12719	-0.10045	-0.06493	-0.08668	-0.06851	-0.07733	-0.0321	-0.11658	-0.06962	-0.06888
-0.11008	-0.08755	-0.08302	-0.07557	-0.07125	-0.11144	-0.04194	-0.08223	-0.07394	-0.08375
-0.08663	-0.09256	-0.08778	-0.07696	-0.08511	-0.11883	-0.05877	-0.05672	-0.0662	-0.07191
-0.08286	-0.06598	-0.06524	-0.06838	-0.06499	-0.07039	-0.03483	-0.05615	-0.02599	-0.04798
-0.09488	-0.03872	-0.05118	-0.03944	-0.02138	-0.05079	0.001039	-0.03535	0.00998	-0.02789
-0.08727	-0.04554	-0.08302	-0.03687	-0.05035	-0.03259	0.016932	-0.01591	0.00785	-0.04339
-0.0634	-0.04985	-0.06837	-0.05793	-0.04849	-0.03568	-0.02472	-0.0416	-0.03454	-0.06219
-0.05857	-0.04859	-0.03046	-0.04997	-0.014	-0.02524	-0.04179	-0.04918	-0.04412	-0.04752
-0.05644	-0.01272	-0.02548	-0.01567	-0.00118	-0.02361	-0.0526	-0.04644	-0.01202	-0.02853
-0.05795	-0.00201	-0.01409	-2.96E-04	-0.02579	-0.02235	-0.05802	-0.03563	0.014817	-0.00579
-0.06997	-0.02966	-0.03695	-0.03143	-0.05965	-0.01149	-0.01442	0.002135	0.013967	-0.01891
-0.07707	-0.04996	-0.05521	-0.0439	-0.03296	0.003692	-0.03773	-0.01181	-0.02806	-0.04258
-0.05946	-0.01803	-0.01179	-0.00297	0.012927	0.008178	-0.04671	-0.03625	-0.01909	-0.04218
-0.05427	0.004642	0.022625	0.046844	0.029438	0.019309	0.002472	-0.01754	0.029095	-0.01867
-0.04396	-0.0414	-0.01062	0.029649	-0.00128	0.036683	0.013162	0.010519	0.048226	0.004141
-0.04892	-0.06527	-0.06917	-0.03366	-0.01711	0.025487	-0.00479	0.002333	0.002412	-0.03011
-0.06941	-0.04654	-0.0656	-0.01841	-0.01972	0.002026	-0.03639	-0.00236	-0.02867	-0.03714
-0.04351	-0.00677	-0.03382	0.022347	-0.01858	-0.00797	-0.02136	0.009414	-0.00584	-0.00577
-0.0069	0.043457	-0.01436	0.027666	-0.00869	0.007711	-0.03105	-0.00686	0.026327	0.027138
0.01548	0.020738	-0.02202	-0.01452	-0.04239	0.025939	-0.01035	-0.00134	0.020982	0.021175
0.001863	-0.03936	-0.04417	-0.05896	-0.06218	0.002669	-0.01727	0.011996	-0.03734	-9.81E-04
-0.03028	-0.03216	-0.00853	-0.03077	-0.04975	-0.02878	-0.02941	0.01561	-0.01436	0.003895
-0.02589	0.023941	0.043903	0.010233	-0.05197	-0.03484	-0.0285	0.015288	-1.42E-04	0.013764
-0.02885	0.026204	0.031437	-0.02156	-0.03322	0.007661	-0.01992	0.026341	-0.01282	0.007601
-0.03324	-0.02573	0.007612	-0.04797	-0.01379	0.027123	-6.68E-04	0.041213	0.010233	0.021688

-0.01297	-0.04008	-0.03069	-0.03786	-0.01736	-0.01505	-0.02505	0.036223	-0.00974	0.03683
-0.03543	-0.0656	-0.06162	-0.07006	-0.05305	-0.03988	-0.04749	0.023431	-0.00822	2.53E-04
-0.0561	-0.0652	-0.03423	-0.06645	-0.04277	-0.05633	-0.06559	0.024174	-0.00392	-0.01272
-0.04728	-0.04526	-0.00621	-0.04561	0.006374	-0.03478	-0.02292	0.019169	-0.0338	0.00511
-0.04948	-0.05028	-0.01076	-0.04466	-8.08E-05	-0.04526	0.013805	-0.01302	-0.05982	0.025842
-0.04731	-0.05182	-0.01507	-0.01868	-0.01459	-0.09025	-0.04415	-0.037	-0.02733	0.055336
-0.03672	-0.04346	0.002536	-0.03895	-8.03E-04	-0.05358	-0.06108	-0.02166	-0.00114	0.028177
-0.01083	-0.02948	-0.03217	-0.09155	0.0109	-0.00401	-0.00644	0.020642	3.68E-04	-0.00862
-0.03608	-0.04485	-0.08302	-0.09312	-0.0021	-0.01269	0.003099	0.016221	-0.00229	-0.02168
-0.07018	-0.06871	-0.05181	-0.05087	-0.03375	-0.04616	-0.02222	-0.05315	-4.34E-05	-0.0117
-0.05504	-0.0463	-0.01772	-0.04559	-0.05269	-0.07552	-0.06081	-0.07363	-0.01027	0.002454
-0.03379	-0.04241	-0.03459	-0.08903	-0.044	-0.07036	-0.03054	-0.04591	-0.00902	-0.01296
-0.02888	-0.07682	-0.06343	-0.09321	-0.01114	-0.04872	0.014143	-0.04497	-0.00958	0.015176
-0.04513	-0.05877	-0.07926	-0.06089	0.021182	-0.02378	-0.01227	-0.0753	0.004201	0.024327
-0.09184	-0.04778	-0.07175	-0.04107	-0.02517	-0.06023	-0.08751	-0.07742	0.037936	0.016102
-0.09624	-0.04532	-0.05367	-0.04297	-0.05695	-0.09657	-0.08308	-0.05543	0.021051	-0.02202
-0.07564	-0.03005	-0.04626	-0.05401	-0.04828	-0.07421	-0.02375	-0.05688	-0.0341	-0.06421
-0.07726	-0.04541	-0.0676	-0.04737	-0.04805	-0.07515	0.022114	-0.03209	-0.04245	-0.072
-0.07403	-0.05108	-0.06517	-0.03458	-0.0363	-0.0665	0.009524	-0.04301	0.005747	-0.03096
-0.06662	-0.0411	-0.05171	-0.0579	-0.05305	-0.04581	-0.01277	-0.03036	0.019742	7.09E-04
-0.04199	-0.0283	-0.06208	-0.08219	-0.05956	-0.07446	-0.03723	-0.03089	0.002115	-0.03157
-0.04196	-0.03687	-0.08994	-0.08942	-0.06893	-0.09322	-0.04038	-0.06642	-0.01132	-0.03824
-0.09354	-0.07124	-0.11848	-0.07069	-0.05028	-0.07234	-0.02726	-0.07722	-0.01301	-0.04829
-0.12289	-0.09486	-0.1225	-0.08183	-0.05136	-0.05706	-0.05932	-0.07314	-0.00235	-0.04271
-0.09647	-0.09337	-0.09334	-0.07372	-0.066	-0.06657	-0.06579	-0.05606	-0.00177	-0.01148
-0.06634	-0.04547	-0.07503	-0.0675	-0.06456	-0.06015	-0.05566	-0.0734	-0.02379	-0.01789
-0.06455	-0.03393	-0.09552	-0.07054	-0.10767	-0.04322	-0.04314	-0.10025	-0.03713	-0.02431
-0.0731	-0.04683	-0.10321	-0.05964	-0.09501	-0.05068	-0.0635	-0.10519	-0.02007	-0.01498
-0.08888	-0.06058	-0.06483	-0.05448	-0.09614	-0.06226	-0.07784	-0.06897	0.007833	9.69E-04
-0.08836	-0.06804	-0.03832	-0.04226	-0.08917	-0.04922	-0.06422	-0.03294	-0.0245	-0.02356
-0.06183	-0.04148	-0.04976	-0.02536	-0.04536	-0.03181	-0.08442	-0.0391	-0.04908	-0.03584
-0.07608	-0.03246	-0.06521	-0.01138	-0.04899	-0.01923	-0.05743	-0.05419	-0.02621	-0.04574
-0.06408	-0.02391	-0.06795	-0.03202	-0.06218	-0.00529	-0.03983	-0.03326	-0.02706	-0.06788
-0.04452	-0.04232	-0.06847	-0.05481	-0.05016	-0.02774	-0.05252	-0.00961	-0.03281	-0.04079
-0.0574	-0.07542	-0.06841	-0.06625	-0.05502	-0.03823	-0.05458	-0.01479	-0.05227	-0.03089
-0.06017	-0.05144	-0.07436	-0.06994	-0.06935	-0.01347	-0.06052	-0.03763	-0.05809	-0.06425
-0.06296	-0.08961	-0.08062	-0.03977	-0.06327	0.016252	-0.04932	-0.02962	-0.04459	-0.04645
-0.04862	-0.10405	-0.05674	-0.02922	-0.05101	-0.01098	-0.09272	-0.0085	-0.0105	0.009723
-0.04415	-0.06368	-0.03992	-0.03795	-0.05002	-0.06162	-0.08807	-0.01601	-0.03148	0.023485
-0.04636	-0.06966	-0.05033	-0.02519	-0.06838	-0.04712	-0.01887	-0.01492	-0.04485	0.014217
-0.02107	-0.0609	-0.04532	-0.01859	-0.07692	-0.03092	-0.02463	0.014357	0.008118	0.008561
-0.0154	-0.07223	-0.02643	-0.01705	-0.05601	-0.01505	-0.0429	0.02452	-0.00415	0.007617
-0.01153	-0.04285	-0.00943	-0.03171	0.001005	-0.00611	-0.02069	0.01203	-0.004	0.018911
0.003073	0.003727	0.016375	-0.01142	0.030388	0.017275	0.033553	0.021725	0.024411	0.001099
0.005603	-0.02957	-0.00506	0.015199	0.023292	-0.00653	0.046067	-6.83E-04	0.001669	-0.01193
-0.01814	-0.08003	-0.01298	-7.59E-04	0.029807	-0.02458	0.003893	0.009113	0.019037	0.031083
-0.03273	-0.06355	-0.01455	-0.02677	0.033928	-0.02505	0.014482	0.03261	0.007181	0.0351

-0.01201	-0.00113	-0.01577	-0.03757	-0.00599	-0.04347	0.026347	0.007129	-0.00978	0.039866
0.030721	0.016683	-0.00776	-0.04835	-0.04106	-0.03635	-0.00622	-0.03897	-0.00491	0.026015
0.038124	-0.02661	-0.01328	-0.04563	-0.02321	-0.02631	-0.03409	-0.03742	-0.0216	3.18E-04
-0.02563	-0.03862	0.013703	-0.0165	-0.00574	-0.04878	-0.0237	-0.03646	-0.03871	0.027017
-0.0701	-0.03079	6.46E-04	-0.02801	-0.03279	-0.07486	-0.01251	-0.05556	-0.06024	0.020732
-0.03545	-0.01384	-0.02474	-0.04611	-0.06337	-0.0591	0.002158	-0.03539	-0.04308	-0.02864
-0.01145	-0.02793	-0.01246	-0.03542	-0.06236	-0.07698	0.014499	-0.04466	-0.03609	-0.03564
-0.0377	-0.02571	-0.01958	-0.02221	-0.02015	-0.06316	-0.01192	-0.08359	-0.03212	-0.02232
-0.07113	-0.01129	-0.03087	-0.01511	0.005491	-0.04279	-0.05614	-0.12454	-0.01056	-0.02288
-0.05929	-0.0213	-0.0597	-0.02675	-0.03288	-0.02683	-0.01339	-0.06478	0.006447	-0.04311
-0.04239	-0.0362	-0.07567	-0.07281	-0.02869	-0.03185	0.007033	-0.02617	0.006563	-0.05395
-0.0609	-0.05689	-0.03197	-0.05001	-0.02841	-0.04818	-0.0051	-0.02851	0.005747	-0.01952
-0.0765	-0.03654	-0.0145	-0.04059	-0.05317	-0.04734	0.002356	-0.04307	-0.01178	-0.05671
-0.05771	2.64E-04	-0.0204	-0.03495	-0.06003	-0.05351	-0.00445	-0.07794	-0.04773	-0.11172
-0.06031	-0.01341	-0.02341	-0.0072	-0.03396	-0.02969	-0.01898	-0.06524	-0.05711	-0.08842
-0.0626	-0.03345	-0.00531	0.004719	-0.01343	-0.01667	-0.07083	-0.08842	-0.06138	-0.03312
-0.05128	-0.01228	-0.00403	-0.01132	-0.02472	-0.04114	-0.05988	-0.08039	-0.05314	-0.05706
-0.05661	-0.01326	-0.03842	-0.01754	-0.0243	-0.06057	-0.02311	-0.01361	-0.03874	-0.10131
-0.03214	-0.01992	-0.05521	-0.02747	-0.04282	-0.04045	-0.02798	-0.03643	-0.04793	-0.08645
-0.00669	-0.01489	-0.04183	-0.02731	-0.04189	-0.0421	-0.05449	-0.03474	-0.05406	-0.04011
-0.05703	-0.01896	-0.01836	-0.03533	-0.0673	-0.06615	-0.07211	-0.02949	-0.00747	0.010588
-0.07773	-0.0249	-0.06483	-0.05373	-0.06971	-0.04944	-0.03949	-0.01831	-0.00199	-0.00371
-0.07574	-0.02831	-0.05035	-0.0514	-0.06621	-0.0394	-0.04816	-0.00114	-0.02484	-0.03952
-0.03206	-0.03203	-0.01919	-0.05402	-0.06719	-0.03599	-0.04857	-0.01081	-0.03716	-0.04758
-0.024	-0.05717	-0.05765	-0.03898	-0.04823	-0.03412	-0.05819	-0.05128	-0.07241	-0.04175
-0.03723	-0.06482	-0.06178	-0.04829	-0.06091	-0.0376	-0.07451	-0.06456	-0.07484	-0.02092
-0.03932	-0.06553	-0.0348	-0.04045	-0.03928	-0.01334	-0.03705	-0.02213	-0.0706	-0.02698
-0.04269	-0.05381	-0.02516	-0.07093	-0.02447	-0.00529	-0.03044	0.013108	-0.04587	-0.02005
-0.032	-0.06577	-0.05345	-0.09371	-0.05433	-0.02422	-0.03803	-0.00228	-0.03939	0.016457
-0.05201	-0.05944	-0.04538	-0.09288	-0.06052	-0.06554	-0.0279	-0.03132	-0.0241	0.026584
-0.05073	-0.05809	-0.01715	-0.08968	-0.05867	-0.05135	-0.0352	-0.03562	-0.02218	0.007138
-0.03195	-0.04999	-0.01129	-0.06469	-0.03362	-0.0319	-0.05414	-0.03164	-0.05672	-0.01743
-0.03661	-0.0539	-0.02664	-0.05643	-0.01646	-0.04283	-0.05029	-0.0239	-0.07695	-0.03294
-0.0337	-0.06369	-0.03823	-0.06935	-0.0201	-0.06247	-0.0315	-0.05235	-0.09171	-0.03936
-0.01959	-0.04398	-0.03766	-0.08832	-0.01114	-0.05076	-0.0274	-0.03069	-0.05155	-0.04228
-0.01004	-0.0601	-0.03259	-0.07477	-0.01824	-0.0373	-0.0285	-0.02048	-0.04486	-0.02932
-0.02044	-0.05648	-0.07148	-0.07981	-0.04658	-0.05452	-0.01184	-0.01084	-0.06118	-0.02905
-0.02959	-0.03029	-0.06194	-0.07135	-0.04097	-0.03123	-0.00292	-0.02525	-0.0541	-0.05978
-0.01863	-0.02417	-0.04901	-0.0439	-0.01839	-0.02586	-0.03467	-0.08708	-0.05803	-0.06449
-0.04555	-0.05938	-0.06751	-0.05467	-0.02023	-0.05607	-0.03833	-0.07401	-0.06326	-0.07202
-0.0419	-0.06638	-0.06935	-0.06735	-0.04129	-0.0947	-0.03408	-0.06621	-0.03708	-0.05071
-0.03748	-0.05435	-0.04788	-0.05823	-0.05088	-0.07766	-0.04106	-0.0622	-0.00936	-0.06814
-0.05665	-0.02039	-0.02173	-0.03992	-0.06132	-0.04488	-0.05298	-0.04449	-0.01213	-0.08003
-0.03962	0.008982	-0.03013	-0.00386	-0.05355	-0.03846	-0.03866	-0.04333	-0.02538	-0.04858
-0.0411	0.013249	-0.02783	-0.00685	-0.00804	-0.03179	-0.01104	-0.04117	-0.04926	-0.04989
-0.0289	-0.00873	-0.02589	-0.00816	-0.00531	-0.02998	-0.03071	-0.06631	-0.04324	-0.06058
-0.03735	-0.02457	-0.01485	-0.01015	-0.02926	-0.0308	-0.08009	-0.06971	-0.03404	-0.07731

-0.04299	-0.01088	-0.03553	-0.01998	-0.07813	-0.05692	-0.07085	-0.03318	-0.02501	-0.06695
-0.00727	-0.00458	-0.0464	-3.78E-04	-0.08149	-0.03987	-0.03998	-0.02143	-0.05334	-0.04929
8.55E-04	-0.03818	-0.02352	0.013213	-0.04612	-0.00965	-0.05941	-0.05348	-0.05639	-0.05731
-0.02334	-0.06691	-0.02669	-0.00912	-0.0489	-0.02012	-0.08607	-0.09254	-0.02118	-0.06237
-0.01912	-0.06573	-0.03581	-0.02703	-0.02616	-0.0303	-0.07742	-0.08727	-0.02852	-0.07889
0.017483	-0.05467	-0.00935	-0.02033	-0.04575	-0.0305	-0.04375	-0.06165	-0.05906	-0.07171
0.034558	-0.06256	0.005618	-0.02296	-0.06588	-0.00879	-0.06032	-0.0447	-0.04771	-0.05368
-8.92E-04	-0.07515	0.001884	-0.03521	-0.03604	-0.00446	-0.0624	-0.01478	-0.02967	-0.02935
-0.01209	-0.0351	0.002422	-0.05156	0.001796	-0.04054	-0.04061	0.00408	-0.0201	0.005044
-0.01062	-0.01574	0.005272	-0.04499	-0.01654	-0.07276	-0.02638	-0.02694	-0.02786	0.002405
-0.00702	-0.03933	-0.00496	0.014119	-0.024	-0.06317	-0.06199	-0.05377	-0.03574	-0.00866
-0.02178	-0.06347	-0.00169	-0.00757	4.78E-04	-0.02648	-0.07512	-0.01942	-0.03604	0.012457
-0.0376	-0.0359	-0.00794	-0.07002	0.00383	-0.0406	-0.04875	-0.00622	-0.03958	0.014251
-0.03252	-0.00524	-0.01401	-0.07337	-0.02273	-0.04889	-0.00746	-0.02886	-0.02357	-0.00774
-0.03511	-0.03061	-0.00327	-0.06	-0.03466	-0.02809	-0.00786	-0.04795	-0.04177	-0.02724
-0.03452	-0.06831	-0.02456	-0.08878	-0.01665	-0.02495	-0.03702	-0.04248	-0.04332	-0.02135
-0.06402	-0.07043	-0.01877	-0.08225	-3.93E-04	-0.00579	-0.02166	-0.0105	0.008788	0.010172
-0.06407	-0.05743	-0.01225	-0.04985	0.005525	-0.01321	-0.01556	-0.01574	-0.01465	0.035929
-0.03103	-0.05176	-0.00833	-0.01479	-0.01722	-0.0172	-0.0064	-0.05458	-0.06132	0.010355
0.00183	-0.05432	0.01073	-0.04081	-0.04687	-0.0343	-0.00801	-0.04204	-0.06034	0.004814
-0.0139	-0.04601	0.004517	-0.07089	-0.03535	-0.02825	-0.02163	2.00E-04	-0.04905	-0.00189
-0.02409	-0.00613	0.017845	-0.0223	-0.00449	-0.03263	-0.01238	0.015254	-0.03431	0.004946
-8.26E-04	-0.00312	0.011613	-0.01698	-0.02914	-0.04178	-0.00326	0.010669	-0.03513	-0.00721
-0.01502	-0.04075	-0.01892	-0.02271	-0.02383	0.014809	0.022632	9.37E-04	-0.05068	-0.04459
-0.04437	-0.04966	0.006606	0.009622	-0.00544	0.029134	2.17E-04	0.002942	-0.03699	-0.01753
-0.07829	-0.02542	0.042844	-0.00488	-0.01717	-0.0253	-0.04267	-0.02177	-0.04147	0.018623
-0.05988	-0.01617	0.028185	-0.05981	-0.03578	-0.07133	-0.06801	-0.04855	-0.06438	-0.03669
-0.03348	-0.02418	0.015298	-0.04277	-0.06041	-0.07515	-0.08941	-0.04417	-0.05744	-0.056
0.004803	-0.03422	0.008887	-0.01404	-0.05034	-0.04797	-0.08343	-0.0232	-0.01462	-0.02508
-0.02696	-0.05905	0.02073	-0.0234	-0.01749	-0.01046	-0.07264	-0.00853	-0.03492	-0.03696
-0.05413	-0.06996	0.025801	-0.0332	5.06E-05	-0.01843	-0.06344	-0.02137	-0.06554	-0.01891
-0.0352	-0.0609	0.014256	-0.03256	0.002275	-0.01646	-0.02523	-0.01656	-0.05215	-0.0149
-0.0179	-0.04028	-0.00942	-0.0056	-0.00949	-0.01793	-0.00483	-0.02483	-0.04005	-0.01167
5.25E-04	-0.04056	-0.01073	-0.02682	-0.01782	-0.03889	-0.05113	-0.04402	-0.04387	-0.00855
-0.03535	-0.06038	0.007249	-0.03997	-0.0157	-0.03575	-0.051	-3.07E-04	-0.03841	-0.00561
-0.02734	-0.0701	-0.02159	-0.04569	-0.01709	-0.0492	-0.01523	0.019666	-0.0303	-0.01067
-7.44E-04	-0.05986	-0.04159	-0.06983	-0.04559	-0.05371	-0.03071	-0.01807	-0.06122	-0.04019
-0.01735	-0.05497	-0.03082	-0.05675	-0.04484	-0.0631	-0.06333	-0.04547	-0.07305	-0.02937
-0.04641	-0.06752	0.006606	-0.01899	-0.0175	-0.07454	-0.0698	-0.0245	-0.08318	-0.03416
-0.05903	-0.06761	-0.00992	-0.03441	-0.04612	-0.08763	-0.06368	-0.01853	-0.10129	-0.03889
-0.04149	-0.04786	-0.04375	-0.08417	-0.08372	-0.10144	-0.07218	-0.05134	-0.10257	-0.04976
-0.05187	-0.05584	-0.05856	-0.08056	-0.08909	-0.05218	-0.06689	-0.06499	-0.08428	-0.08521
-0.04744	-0.03386	-0.04915	-0.03391	-0.05229	-0.0032	-0.08126	-0.07499	-0.07463	-0.06887
-0.02937	-0.04797	-0.04835	-0.0032	-0.01186	-0.01769	-0.0939	-0.05041	-0.06313	-0.03399
-0.03637	-0.05768	-0.05958	-0.01825	-0.01004	-0.04075	-0.07069	-0.01063	-0.02531	0.00866
-0.02415	-0.00666	-0.01738	-0.05445	-0.04141	-0.04908	-0.06877	-0.01964	-0.03392	-0.00811
-0.01358	-0.01991	-0.01329	-0.06582	-0.07058	-0.06914	-0.0608	-0.04261	-0.06688	-0.05326

-0.02565	-0.04956	-0.05061	-0.04945	-0.06138	-0.06139	-0.08366	-0.04801	-0.05286	-0.0492
-0.02276	-0.05464	-0.06716	-0.03526	-0.04323	-0.01453	-0.0971	-0.02668	-0.01876	-0.03366
-0.03717	-0.05711	-0.03348	-0.05272	-0.03438	-0.02544	-0.05553	-0.01113	-0.00978	0.005275
-0.07473	-0.02986	-0.00915	-0.07337	-0.04928	-0.03509	-0.02933	-0.00266	-0.02473	-0.02838
-0.05903	0.010902	-0.04328	-0.04806	-0.05501	-0.02158	-0.044	-0.0197	-0.0494	-0.04981
-0.03877	0.002813	-0.02859	0.002663	-0.02566	-0.01239	-0.05472	-0.03089	-0.04773	-0.00559
-0.03011	-0.01836	-0.02905	0.012649	0.006842	-0.00336	-0.04846	-0.01085	-0.03009	0.0059
-0.02628	-0.04145	-0.05322	-0.02101	-0.005	-0.02621	-0.04973	-0.0123	-0.01343	0.011839
-0.04693	-0.04731	-0.03337	-0.04982	-0.03719	-0.0169	0.003331	-0.01237	-0.00739	0.017962
-0.02401	-6.91E-04	-0.02379	-0.0308	-0.04839	-0.01973	0.012807	-0.01807	-0.0474	-0.02937
0.014474	0.035921	-0.01372	-0.00933	-0.05731	-0.01401	-0.01782	-0.01332	-0.0256	-0.01659
0.022643	0.032193	-0.00448	0.014856	-0.02732	0.024705	-0.01072	0.030534	0.021068	-0.00862
-0.02924	-0.02329	-0.00253	0.051111	0.013198	0.014097	-0.03152	0.017054	-0.00624	-0.01795
-0.09455	-0.0487	0.008854	0.013298	-0.03085	-0.01329	-0.03213	-0.01148	-0.02072	-0.02719
-0.06833	-0.00876	-0.03777	-0.0501	-0.05267	-0.0079	-0.01297	-0.04572	-0.0641	-0.06571
1.62E-04	0.039451	-0.02771	-0.01405	-0.0179	0.025087	-0.01805	-0.04261	-0.05477	-0.03157
0.049683	0.051418	0.015029	0.034755	-0.00282	0.04655	4.31E-04	0.008562	-0.01597	0.039457
0.03971	0.016868	-0.00459	0.02144	0.010547	0.018846	-0.03332	0.008512	0.004018	0.063273
-0.0314	4.42E-04	0.007348	-0.00297	0.002672	0.003378	-0.05061	0.021226	0.023247	0.02636
-0.04873	0.020178	0.023841	-0.01258	-0.02099	0.013573	-0.01897	0.029657	-0.03214	-0.03197
-0.01068	0.031444	-0.00821	0.007004	-0.03669	-0.00412	-0.03088	-0.0086	-0.04342	-0.01105
0.019409	0.012765	-0.07241	0.01623	-0.05376	-0.01239	-0.03881	-0.01617	-0.00912	0.020868
8.39E-04	-0.0283	-0.11886	-0.03136	-0.05197	-0.03073	-0.04332	0.001035	-0.01796	-0.00342
-0.06065	-0.04548	-0.09098	-0.04077	-0.06893	-0.03745	-0.03521	0.014425	0.001504	-0.00473
-0.04999	-0.0149	-0.02681	-0.00177	-0.0627	-0.00394	-0.00278	0.012181	-0.00973	0.00247
-0.03802	0.007102	-0.02879	-0.00346	-0.02614	0.025991	-0.00167	-0.0155	-0.03597	0.004584
-0.0474	-0.00658	-0.04763	0.008843	-0.01872	0.020304	-0.00396	0.001331	-0.02096	0.018877
-0.01605	-0.00993	-0.04224	0.023377	0.013113	-0.01258	-0.01428	0.020848	-0.01506	0.024344
-0.02337	-0.01078	-0.02168	-0.0085	-0.00247	-0.02119	-0.01916	-0.0024	-0.00976	-0.03921
-0.02868	0.004167	-0.01944	-0.04084	-0.04308	-0.009	-0.0034	-0.0311	-0.0441	-0.06583
-0.04212	-4.97E-04	-0.06329	-0.04679	-0.04419	-0.02125	-0.01278	-0.02268	-0.04665	-0.02151
-0.02538	-0.01094	-0.04589	-0.01014	-0.03595	-0.0131	-0.02086	0.001068	-0.03966	0.00167
0.010725	-0.02542	-0.00883	0.022312	-0.00625	-0.03463	-0.04378	-0.01175	-0.05429	-0.01587
-0.01541	-0.0038	0.015096	-0.00708	-0.03247	-0.04566	-0.04144	0.001544	-0.02402	-0.04515
-0.01779	0.033222	0.025456	-0.03813	-0.05434	-0.02357	-0.01154	-0.01189	-0.02545	-0.04448
0.006121	-0.01198	-0.03405	-0.03894	-0.00806	-0.02708	-0.0297	-0.02305	-0.04621	-0.0242
0.018754	-0.05417	-0.04611	-0.03159	-0.00116	-0.02072	-0.0225	-0.03125	-0.03401	0.010705
0.004153	-0.06324	-0.02179	-0.02756	-0.01156	-0.05901	-0.03619	-0.04645	-0.02967	0.024774
-0.00902	-0.04599	-0.01715	-0.0351	-0.00861	-0.06737	-0.03336	-0.00812	-0.03241	-0.05434
-0.0086	-0.03865	-0.02218	-0.05857	-0.03818	-0.0282	0.007483	-0.03011	-0.03758	-0.06093
0.00183	-0.0432	-0.04303	-0.04318	-0.069	-0.01692	0.002884	-0.03928	-0.036	-0.02741
0.009982	-0.03264	-0.01522	0.006684	-0.05123	-0.00563	-0.00623	-0.05655	-0.01532	-0.06902
0.007728	-0.02899	0.016038	0.03479	-0.01837	-0.02752	-0.00302	-0.04902	0.012392	-0.05889
0.014338	0.008404	0.013837	0.005255	-0.0248	-0.07171	-0.00383	0.003354	0.011395	-0.03799
0.021724	0.012582	0.017963	-0.0063	-0.03501	-0.05934	-0.01828	-0.05575	-0.02681	-0.02897
0.032032	-0.02265	-0.01583	-0.00845	-0.01986	-0.04968	-0.03937	-0.1048	-0.05602	-0.02013
0.037351	-0.01571	-0.00568	-0.02994	-0.00668	-0.04804	-0.04119	-0.03835	-0.02291	-0.02089

0.038862	-0.02288	0.032871	-0.02389	-0.00626	-0.04261	-0.01267	0.044336	0.021966	0.010338
0.02433	-0.01167	0.011163	-0.02873	0.010025	-0.04389	0.001565	0.051019	0.009896	-0.01449
0.006272	0.011317	5.81E-04	-0.04197	0.009	5.30E-04	0.010498	0.007595	0.020603	-0.03558
0.012621	-0.01867	0.031507	-0.02574	0.001582	0.008345	-0.00442	-0.01435	0.025873	-0.01304
0.045875	-0.03345	0.025129	-0.03111	0.023482	-0.03115	-0.02415	-0.02433	6.47E-04	-0.01612
0.008803	-0.03795	0.028879	-0.0206	0.025813	-0.0343	0.008737	-0.03507	-0.01521	-0.04496
-0.01824	0.013082	0.055315	0.010606	0.021147	-0.04479	0.023203	0.017667	-0.00496	-0.06355
0.023999	0.073523	0.029556	0.010895	0.031006	-0.01618	-0.01324	0.003601	-0.0035	-0.07138
0.051738	0.03094	0.026111	0.012547	0.039219	0.017275	-0.00648	-0.03784	-0.00755	-0.01144
0.048152	-0.01417	0.034802	0.016592	0.027735	-0.01231	0.012638	-0.03544	3.51E-04	0.007006
0.052444	-0.02103	0.01103	-0.02356	0.006391	-0.02898	-0.00672	-0.02398	0.029851	-0.08108
0.059568	-0.01484	0.016392	-0.022	-0.00143	-0.03266	-0.01372	-0.04529	0.015378	-0.06432
0.048575	-0.01799	0.026629	-0.0196	8.90E-04	-0.01223	-0.00778	-0.05837	-0.03291	-0.03993
0.033578	-0.03472	0.023858	-0.03623	-0.00712	-0.02178	-0.02008	-0.05379	-0.06211	-0.06059
0.059455	-0.01862	0.033572	-0.02182	-0.00956	-0.07277	-0.02125	-0.03766	-0.04186	-0.01353
0.060344	-0.00572	0.026111	-0.0319	0.00282	-0.06856	-0.00542	-0.03063	-0.00855	-0.01449
0.01313	-0.00201	0.022402	-0.02916	-0.00936	-0.0443	-0.00722	-0.03795	-0.00265	-0.04723
-0.01307	0.023941	0.010131	-0.02905	-0.01279	-0.02597	-0.01216	-0.04284	-0.02007	-0.04221
0.005353	0.017575	0.01073	-0.01012	0.003532	0.00883	-0.01952	-0.05936	-0.03716	0.003256
0.01613	-0.00784	0.010797	-0.01106	0.038123	0.004702	-0.02893	-0.06276	-0.01949	0.037432
0.016677	9.77E-04	0.013552	-0.03751	0.00471	-0.04307	0.00386	-0.017	0.00548	-0.01493
-1.84E-04	-0.0034	0.012832	-0.02905	-0.03818	-0.06597	0.028601	0.007162	-0.01522	-0.03437
-0.00913	2.47E-04	-0.02938	-0.01695	-0.0209	-0.03374	0.016216	-0.0072	-0.02458	-0.00389
0.007192	-0.01651	-0.03502	-0.03637	-0.0132	-0.02126	-0.03002	-0.05886	-0.009	-0.01189
0.006272	-0.03967	-0.00647	-0.03669	-0.00923	-0.05754	-0.02356	-0.0556	-0.01611	-0.02782
-0.03989	-0.05314	-0.0197	-0.05546	-0.00773	-0.07816	0.005003	-0.02478	-0.02315	-0.03435
-0.06482	-0.0512	-0.03214	-0.04396	-0.0296	-0.06423	-0.00411	-0.01405	-0.00491	-0.06197
-0.02647	0.00847	-0.04309	-0.01636	-0.02766	-0.03079	-2.42E-04	0.003832	-0.03407	-0.08213
0.005737	0.024163	-0.03949	-0.05219	-0.01635	-0.00163	-0.0193	-0.03846	-0.08158	-0.08078
-0.01172	-0.04289	-0.02077	-0.07856	-0.02638	-0.02059	-0.04822	-0.08796	-0.09708	-0.07829
-0.07493	-0.10316	-0.02702	-0.05585	-0.03438	-0.0548	-0.05508	-0.08391	-0.0665	-0.09689
-0.08417	-0.09745	-0.02267	-0.01473	-0.06987	-0.07196	-0.05598	-0.10521	-0.05561	-0.099
-0.04007	-0.02993	-0.01282	-0.01757	-0.08568	-0.06369	-0.04414	-0.08784	-0.06051	-0.09216
-0.0192	-0.01148	-0.01175	-0.06543	-0.04956	-0.04421	-0.05199	-0.0587	-0.05913	-0.06158
-0.00594	-0.05328	-0.01114	-0.06441	-0.01741	-0.03611	-0.05109	-0.06103	-0.05214	-0.00692
-0.00399	-0.0451	-0.03159	-0.06369	-0.03362	-0.0802	-0.02449	-0.05261	-0.0503	-0.05534
-0.01711	-0.01811	-0.03339	-0.07165	-0.06596	-0.10849	-0.01608	-0.03344	-0.04529	-0.07592
-0.00612	0.007365	-0.00835	-0.06148	-0.0866	-0.07589	-0.02593	-0.0246	-0.03701	-0.05574
-6.61E-04	0.014318	-0.01007	-0.07873	-0.06257	-0.0291	-0.03324	-0.03212	-0.02695	-0.05004
0.007561	-0.01201	-0.00833	-0.04196	-0.00503	-0.00917	-0.02652	-0.03388	-0.02369	-0.04631
0.025972	-0.0236	0.008688	0.024639	0.03359	-0.02056	-0.02738	-0.04606	-0.02475	-0.08765
-0.03467	-0.00766	0.043993	0.047361	0.040335	-0.02128	-0.02797	-0.0288	0.01121	-0.07011
-0.0287	0.022916	-0.00562	0.014633	0.037603	0.003659	0.013618	0.026115	0.012189	-0.0134
0.018187	0.013182	-0.06468	-0.01542	0.013876	9.90E-04	0.002538	0.016357	0.009644	0.012742
0.015771	-0.01089	-0.0188	-0.01004	-0.03247	-3.39E-04	-0.02658	-0.03578	-0.01237	0.003846
0.020997	0.01994	0.033256	0.001813	-0.01632	-0.00863	0.003694	-0.0056	-0.03719	-0.06477
0.01903	0.032821	0.020849	0.00283	-0.02113	-0.02436	0.008419	0.010167	-0.00175	-0.06189

0.063518	0.029742	-0.00443	0.021876	-0.0121	-0.00835	-0.01331	-0.00895	-0.02723	-0.01667
0.080596	0.0516	-0.01819	-2.13E-04	0.005142	0.017599	-0.02737	0.005569	-0.03642	-0.01279
0.037297	0.046491	-0.0151	-0.00165	-0.00435	0.026287	-0.02435	0.014459	-0.0331	-0.00694
-0.03462	0.013816	-0.01505	0.028533	-0.02525	-0.00674	-0.01868	-0.00205	-0.04625	-0.02138
-0.02805	0.007102	-0.0132	0.004819	-0.05225	-0.00259	-0.02514	0.012148	-0.02535	-0.03967
0.021568	-0.01556	-0.00603	-0.04886	-0.05299	0.007627	-0.03763	0.001807	-0.04728	-0.01952
0.030721	-0.0289	-0.02591	-0.03935	-0.03101	-0.01553	-0.05421	0.00441	-0.05725	0.006395
0.007075	-0.00478	-0.00894	0.004216	-0.00552	-0.02884	-0.05864	-0.02811	-0.06912	0.012391
-0.00842	-0.02386	-0.02404	-0.02632	-0.03678	-0.04548	-0.08545	-0.08536	-0.09241	-0.01336
-0.01899	-0.0228	-0.02705	-0.07629	-0.0697	-0.07425	-0.06436	-0.06054	-0.09062	-0.03158
-0.01887	-0.02682	-0.03203	-0.06636	-0.06991	-0.07436	-0.02998	-0.03912	-0.05043	-0.02096
-0.01465	-0.083	-0.04026	-0.04142	-0.06334	-0.07367	-0.02492	-0.06936	-0.04949	-0.03419
-0.02845	-0.08801	-0.02462	-0.07989	-0.05647	-0.05844	-0.0363	-0.10474	-0.04407	-0.04332
-0.03036	-0.07084	-0.04588	-0.08431	-0.03006	-0.06577	-0.04629	-0.11681	-0.06533	-0.0742
-0.04932	-0.04153	-0.06977	-0.08028	-0.02749	-0.06281	-0.05112	-0.10204	-0.08166	-0.08353
-0.07987	-0.03721	-0.06572	-0.09345	-0.04883	-0.04378	-0.04799	-0.08368	-0.05568	-0.05589
-0.0543	-0.05355	-0.05799	-0.06396	-0.06055	-0.06139	-0.04647	-0.04783	-0.03692	-0.05656
-0.04696	-0.04995	-0.04398	-0.05203	-0.06035	-0.07632	-0.06856	-0.07464	-0.04559	-0.08721
-0.09325	-0.05589	-0.07588	-0.04893	-0.07075	-0.07689	-0.07846	-0.10389	-0.07725	-0.12218
-0.10691	-0.07696	-0.1457	-0.06778	-0.0728	-0.06202	-0.08823	-0.07944	-0.06547	-0.12685
-0.08958	-0.09488	-0.15694	-0.06516	-0.07375	-0.04873	-0.0818	-0.06534	-0.06047	-0.08839
-0.08728	-0.08352	-0.10725	-0.06353	-0.09187	-0.05993	-0.0976	-0.06308	-0.06646	-0.08198
-0.09268	-0.07069	-0.09309	-0.10115	-0.12583	-0.07634	-0.1033	-0.06573	-0.0685	-0.08028
-0.08802	-0.09302	-0.09174	-0.10046	-0.12887	-0.07626	-0.08264	-0.06441	-0.07352	-0.07202
-0.08546	-0.11977	-0.11783	-0.15162	-0.10087	-0.06729	-0.07983	-0.05364	-0.06896	-0.07004
-0.09983	-0.11617	-0.11071	-0.16246	-0.11049	-0.0857	-0.09301	-0.08466	-0.0911	-0.06213
-0.10142	-0.10949	-0.07277	-0.08985	-0.12218	-0.09691	-0.10714	-0.08526	-0.1115	-0.08276
-0.09858	-0.10646	-0.07855	-0.08199	-0.11962	-0.06501	-0.09172	-0.07474	-0.08999	-0.05601
-0.07173	-0.08821	-0.07991	-0.07975	-0.09916	-0.07056	-0.06642	-0.05107	-0.04692	-0.02552
-0.05565	-0.07069	-0.0771	-0.10106	-0.06733	-0.08182	-0.06718	-0.04055	-0.05013	-0.03965
-0.08068	-0.0937	-0.07748	-0.10526	-0.08779	-0.11105	-0.08165	-0.05883	-0.0808	-0.04615
-0.07973	-0.10837	-0.07129	-0.09634	-0.07917	-0.11724	-0.10736	-0.06897	-0.06855	-0.03185
-0.08155	-0.09888	-0.0455	-0.09308	-0.04042	-0.06324	-0.09647	-0.07772	-0.05883	-0.02197
-0.08995	-0.10766	-0.0709	-0.09597	-0.0322	-0.04273	-0.0273	-0.04169	-0.03416	-0.02545
-0.06463	-0.08123	-0.08386	-0.09325	-0.05676	-0.08553	-0.00544	0.002612	-0.01887	-0.0418
-0.03873	-0.07322	-0.04983	-0.08556	-0.07873	-0.09329	-0.03245	-0.0447	-0.06469	-0.06189
-0.05599	-0.07877	-0.05252	-0.07665	-0.0634	-0.07805	-0.03806	-0.06565	-0.07001	-0.05457
-0.0724	-0.04704	-0.07521	-0.0721	-0.05792	-0.09479	-0.01167	-0.05973	-0.03743	-0.02427
-0.05905	-0.03279	-0.06909	-0.04957	-0.06775	-0.10639	-0.02624	-0.03934	-0.00359	-0.02103
-0.05258	-0.04316	-0.06974	-0.0587	-0.05602	-0.0689	-0.04496	-0.04531	-0.00645	-0.00168
-0.06577	-0.05183	-0.07173	-0.0673	-0.01478	-0.01923	-0.03931	-0.04731	0.003703	0.010771
-0.06578	-0.02398	-0.052	-0.0326	0.002589	-0.01896	-0.01159	-0.02275	0.02131	-0.00984
-0.03208	0.011251	-0.00367	0.008488	0.010765	-0.01761	0.027708	0.007362	0.022364	-0.03818
-0.03748	-0.01484	-0.00899	0.015199	-0.01891	-0.03266	0.007517	0.020385	0.002346	-0.0379
-0.0508	-0.02963	-0.03945	-0.01905	-0.02252	-0.00485	-0.01472	-0.02893	-0.00496	0.001572
-0.03702	-0.00742	-0.04792	-0.01979	-0.02439	-0.00792	-0.01596	-0.03649	-0.00708	-0.02073
-0.02696	0.014803	-0.05031	-0.02167	-0.05712	-0.0436	0.002043	-0.01501	-0.00767	-0.05239

-0.01289	-0.00298	-0.03245	-0.03681	-0.06751	-0.05804	-0.00382	-0.01006	-0.01892	-0.0262
-0.00667	-0.02933	-0.02199	-0.03233	-0.04024	-0.04666	-0.00923	0.013276	-0.01328	0.005357
-0.0212	-0.04785	-0.00973	-0.02558	-0.03421	-0.02817	0.009088	0.017378	0.0325	0.041026
-0.03217	-0.05941	0.022334	-0.01405	-0.03521	-0.0166	-0.0166	5.44E-04	0.011041	0.020391
-0.0211	-0.03541	-0.00377	-0.03821	-0.01217	-0.00245	-0.0491	-0.01571	-0.03743	-0.01428
-0.00719	-0.01554	-0.03256	-0.06204	-0.01747	-0.02791	-0.04802	-0.03847	-0.03749	-0.00673
-0.01325	-0.03191	-0.02804	-0.04808	0.003052	-0.03347	-0.04107	-0.01699	0.019089	-0.00412
-0.04086	-0.0299	-0.03025	-0.03917	0.01831	-0.00988	-0.02451	0.029412	0.054608	0.004716
-0.01779	-0.0095	-0.05079	-0.01864	0.019563	-0.0086	0.015416	0.032522	0.020879	-0.01457
-0.01265	-0.00712	-0.02899	-0.00315	0.0159	-0.01915	0.006483	-0.01057	0.018883	-0.0249
-0.03221	-0.00519	-0.01276	-0.00294	-0.00107	-0.00568	-7.99E-04	-0.0276	0.043513	0.027726
-0.05061	-0.00197	-0.04017	-0.01103	0.001236	-0.01212	0.023151	-0.01316	0.01531	0.020135
-0.02242	-0.01052	-0.02911	1.19E-04	-0.03421	-0.02012	0.031026	-0.02993	-0.00602	-0.02817
0.016609	-0.03832	-0.0208	-8.75E-04	-0.05588	-0.00868	-0.01048	-0.02458	0.012307	-0.02832
-4.47E-04	-0.01898	-0.00342	-0.02131	-0.02245	0.01288	-0.02019	0.009882	0.038133	0.005423
0.009932	6.69E-04	-4.58E-04	-0.00522	-0.0338	-0.00186	0.008971	0.032416	0.030944	0.013177
0.021481	-0.02	-0.01777	-0.03623	-0.06106	-0.00477	-0.02099	0.008779	0.014511	-5.27E-04
0.003289	-0.03014	-0.00169	-0.07182	-0.04522	-0.0183	-0.03633	0.010653	0.037201	0.026032
-0.01863	-0.00628	0.003992	-0.0443	0.008263	-0.0394	-0.0314	0.033192	0.038959	0.030717
-0.02168	2.31E-04	-0.00238	-0.03325	0.009487	-0.04015	-0.02624	0.015322	-0.00944	0.011288
-0.01049	-0.01671	0.016089	-0.03146	-0.00187	-0.03733	0.00986	0.014104	-0.03538	-0.00548
0.007997	-0.01382	0.010847	-0.02027	0.049501	-0.01271	0.043484	0.053584	0.00668	0.047378
-0.02558	0.00875	0.025508	0.009453	0.048067	-0.01934	0.020202	0.064986	0.044714	0.092535
-0.01039	0.021706	0.019149	0.010114	0.025342	-0.01771	0.017205	0.029885	0.054496	0.077026
-0.01187	-0.00132	0.00159	0.002129	0.027928	0.010137	0.065865	0.013411	0.041592	0.043049
-0.03742	-0.0166	0.036953	0.026238	0.036243	3.00E-04	0.032561	-0.00557	-0.01522	0.027363
-0.03954	0.011035	0.048944	0.045001	0.055024	-0.01122	-0.0241	-0.03804	-0.05268	0.028541
0.01347	0.028825	0.00715	0.020293	0.031112	-0.02361	-0.00612	-0.01408	-0.03018	0.01971
0.03372	0.017002	-0.02838	-0.01735	-0.01119	-0.0305	-0.01485	-0.01967	0.008285	-0.01435
-0.03666	-0.02185	-0.01906	-0.04154	-0.06345	-0.04514	-0.02325	-0.06014	5.32E-04	-0.00466
-0.05328	-4.40E-05	-0.00634	-0.0401	-0.05362	-0.0466	-0.00877	-0.03628	0.017461	0.016693
-0.03206	0.005247	-0.01591	-0.02619	-0.06538	-0.04579	0.031149	-0.00196	0.032022	0.014419
-0.02279	-0.02852	-0.04395	-0.02235	-0.0879	-0.03934	0.051518	0.010351	0.021103	-0.01773
-0.01459	-0.02954	-0.04147	-0.03097	-0.0645	-0.04091	3.65E-04	0.002415	0.005264	-0.0414
-0.03957	-0.03255	-0.0497	-0.01681	-0.03824	-0.04169	-0.05495	-0.04349	-0.00186	-0.02582
-0.05067	-0.01777	-0.04925	-0.00895	0.001895	-0.04508	-0.02932	-0.03305	0.024393	-0.01817
-0.02826	-0.02493	-0.01791	0.005625	-0.02707	-0.01747	0.022459	-0.01796	0.042515	0.014789
-0.0114	-0.01887	-0.02044	-0.0083	-0.04259	-0.00129	0.00645	-0.01812	0.035539	0.0159
-0.00505	-0.00309	3.05E-04	-0.04554	0.002176	0.01794	-0.05674	-0.02344	-0.00679	-0.00728
-0.02373	0.008668	-0.00464	-0.03415	0.04265	0.022369	-0.02568	-0.02832	-3.39E-04	0.007965
-0.01269	0.041014	0.007761	-0.00713	0.013995	0.009248	0.03919	-0.019	0.030045	0.002127
-0.01903	0.046059	0.035259	0.026485	-0.03413	-0.01063	0.034174	-0.01876	0.002313	-0.02934
-0.05483	0.030054	0.007216	0.007054	-0.01461	-3.55E-04	-0.01364	-0.01667	-0.03637	-0.04093
-0.02924	0.031601	-0.01346	3.84E-04	0.030512	0.010943	-0.05326	-0.03709	-0.02766	-0.0146
-0.00353	0.041387	0.00501	0.051895	0.007493	-0.01496	-0.00602	-0.02622	0.04885	0.034677
0.032227	0.083999	0.061444	0.078864	-0.0027	0.014436	0.049418	0.054826	0.096709	0.061527
0.075057	0.074828	0.096651	0.070674	0.014436	0.061075	0.086809	0.118334	0.114865	0.076425

0.104913	0.077741	0.082876	0.074927	0.077101	0.116428	0.117888	0.148997	0.140666	0.124647
0.109554	0.123913	0.09661	0.146354	0.161057	0.151167	0.079439	0.123477	0.197147	0.189986
0.127987	0.171579	0.199221	0.223874	0.152009	0.124561	0.137342	0.181593	0.227418	0.202473
0.129628	0.157166	0.27326	0.225849	0.138894	0.195279	0.26699	0.283006	0.224845	0.202473
0.15327	0.126548	0.178089	0.147679	0.1612	0.265336	0.303722	0.293491	0.20398	0.258119
0.134474	0.138092	0.091649	0.12312	0.191454	0.232885	0.221195	0.246622	0.214543	0.311144
0.063747	0.16661	0.147233	0.171368	0.208485	0.214775	0.16324	0.221497	0.216784	0.304474
0.06839	0.213173	0.233496	0.195279	0.201294	0.245276	0.193768	0.212331	0.171036	0.259565
0.128607	0.208937	0.258938	0.213101	0.18995	0.280264	0.24878	0.224121	0.148438	0.210342
0.174932	0.160338	0.209672	0.200507	0.210855	0.243377	0.202728	0.214149	0.119796	0.206821
0.161222	0.170715	0.134744	0.168573	0.231975	0.182842	0.135836	0.192924	0.170768	0.238542
0.102966	0.179067	0.128718	0.180037	0.182357	0.181446	0.146141	0.187121	0.235398	0.244437
0.074783	0.147013	0.141753	0.191141	0.113923	0.149244	0.139078	0.208798	0.218575	0.21739
0.077414	0.115851	0.117296	0.118	0.073738	0.154546	0.168044	0.210893	0.178384	0.206429
0.09236	0.062115	0.06165	0.058633	0.10946	0.154756	0.176434	0.185814	0.139033	0.191044
0.078815	0.028514	0.002014	0.046216	0.140231	0.086718	0.110631	0.129586	0.131672	0.170926
0.002509	0.044729	0.02751	0.062119	0.074206	0.069609	0.06997	0.12066	0.103434	0.212034
-0.02665	0.061909	0.072143	0.08778	0.051699	0.121949	0.09678	0.148813	0.083105	0.20779
-0.02563	0.042171	0.057626	0.055044	0.067609	0.145058	0.151618	0.162247	0.085399	0.181806
0.008736	0.016027	0.055592	0.016247	0.025621	0.089488	0.106566	0.100445	0.086321	0.169291
0.012926	-0.00591	0.0096	-0.03225	0.024368	0.045511	-0.00357	0.041123	0.120793	0.151307
-0.00732	0.016078	-0.01532	-0.02361	0.061262	0.052298	-0.0335	0.092579	0.117076	0.111508
-0.02292	-0.05015	0.008075	0.052642	0.035601	0.040769	0.010565	0.114079	0.052452	0.117559
-0.0025	-0.03255	0.037838	0.04701	0.026109	0.068169	0.05211	0.056369	0.056831	0.143751
0.019546	0.031688	0.052979	0.014599	0.036762	0.06534	0.067816	0.01456	0.055485	0.157967
0.002775	0.00492	0.063864	0.01441	0.022374	0.010842	0.0268	0.06173	0.081575	0.135635
-0.03059	0.024078	0.034063	-0.01349	0.010732	-0.00166	0.026172	0.084018	0.08586	0.097755
-0.02112	0.021077	0.008638	0.009165	-0.00311	-0.03419	-0.00211	0.040548	0.034506	0.080768
0.029873	0.022166	0.013502	-0.03068	-0.01214	-0.08304	-0.08689	0.017088	0.017906	0.043839
0.015617	0.020636	0.005437	-0.06532	1.82E-04	-0.05875	-0.05879	-0.02285	0.001306	0.106993
-0.01937	-0.01856	-0.02069	-0.01365	0.00989	-0.0566	-0.01709	0.012568	0.02971	0.070936
-0.03333	-0.02949	-0.00366	0.002613	0.001846	-0.03623	-0.00746	0.046589	0.053361	0.03951
-0.0349	-0.01366	0.025043	8.65E-04	-0.01719	0.00323	0.015893	0.035636	0.055186	0.076483
-0.01225	0.043207	0.034397	-0.03817	-0.03515	-0.03074	0.003463	0.017855	0.056963	0.066841
0.004436	-0.00468	-0.04509	-0.11913	-0.08227	-0.06943	-0.00764	-0.05	-0.0018	0.076057
0.02501	-0.04752	-0.07463	-0.11759	-0.08353	-0.12886	-0.05005	-0.03364	0.004881	0.025946
0.001004	0.014502	-0.002	-0.05589	-0.05936	-0.11972	-0.04031	-0.04638	0.015583	0.008511
0.014729	0.034062	-0.01499	-0.0485	-0.06934	-0.08362	-0.02224	-0.03408	0.049274	0.016778
0.01257	0.004282	-0.02162	-0.10351	-0.11924	-0.13786	-0.0319	-0.0478	0.053157	-8.19E-04
0.019047	-0.01014	-0.00451	-0.14142	-0.1259	-0.15289	-0.02753	-0.07394	0.009056	0.020851
0.005937	-0.04784	-0.03992	-0.12667	-0.08699	-0.11455	1.84E-04	0.017258	0.027114	0.016761
0.016438	-0.02964	-0.05704	-0.06551	-0.06381	-0.07146	0.024694	0.035441	0.043332	0.024602
0.042173	-0.05741	-0.05989	-0.04642	-0.08807	-0.09852	0.009826	0.015848	0.096134	0.050964
0.052909	-0.03779	-0.06128	-0.08261	-0.08652	-0.08033	0.009424	0.016102	0.129054	0.067087
0.076312	0.013332	-0.03112	-0.10915	-0.04345	-0.01575	0.022874	0.016646	0.105357	0.089928
0.075724	-2.54E-04	-0.01712	-0.07741	-0.00446	-0.02101	0.067529	0.03829	0.066645	0.035576
0.064224	0.028237	-0.01157	-0.01095	0.045943	0.022283	0.102122	0.067253	0.065707	0.027917

0.052612	0.04844	0.036317	-0.01813	0.048545	0.037237	0.091685	0.095565	0.089823	0.062596
0.068911	0.05701	0.066959	-0.02372	0.045523	0.047061	0.100258	0.094873	0.129253	0.093018
0.078439	0.047428	0.06823	6.90E-05	0.063082	0.045966	0.145269	0.125133	0.119969	0.114501
0.068563	0.030853	0.039809	0.009978	0.039471	0.010573	0.08727	0.101539	0.105147	0.093622
0.036902	-0.03957	-0.00419	-0.00499	0.049244	0.061396	0.07542	0.101105	0.121054	0.105457
0.022487	-0.04532	-0.01427	-0.02013	0.091912	0.102282	0.131218	0.14457	0.121249	0.140505
0.043191	-0.00876	0.009003	-0.00361	0.134012	0.1208	0.094898	0.161725	0.207331	0.193372
0.017672	-0.00466	0.028029	0.036536	0.135626	0.128641	0.097888	0.160255	0.156751	0.160171
0.038052	0.0139	0.033414	0.059431	0.093437	0.135752	0.110102	0.125701	0.08566	0.157453
0.047673	-1.09E-04	0.011897	0.036734	0.03746	0.127584	0.108415	0.155782	0.1087	0.131964
0.039981	-0.00182	-0.03683	0.012786	0.051291	0.118382	0.088013	0.187801	0.126385	0.113719
0.009662	0.027461	-0.02923	0.014513	0.100566	0.115657	0.106188	0.197231	0.166022	0.108534
-0.01521	0.035236	0.038512	0.040284	0.0464	0.140233	0.174714	0.14293	0.167711	0.202136
-0.00713	0.010471	0.031193	0.076071	0.053535	0.156562	0.151921	0.129211	0.190751	0.201826
-0.00758	0.007217	0.003517	0.152009	0.109418	0.15499	0.139576	0.180824	0.202275	0.177603
-0.00302	0.017777	0.022129	0.193826	0.15717	0.171409	0.217931	0.225274	0.213494	0.15064
0.072362	0.060531	0.08613	0.184297	0.172712	0.167125	0.234023	0.185563	0.156139	0.15708
0.090083	0.109287	0.134965	0.117892	0.167196	0.194534	0.181812	0.11219	0.169431	0.222053
0.067677	0.086046	0.140158	0.106327	0.213721	0.165179	0.135052	0.112147	0.226808	0.151837
0.076706	0.075945	0.162022	0.136506	0.211737	0.127409	0.143188	0.046552	0.16326	0.130425
0.13407	0.108476	0.207625	0.157524	0.185721	0.090719	0.173538	0.120574	0.141599	0.154103
0.178596	0.171627	0.2369	0.18521	0.183083	0.112163	0.201683	0.211319	0.230704	0.192586
0.190339	0.208937	0.214062	0.150928	0.181258	0.123035	0.123323	0.129564	0.236927	0.173294
0.198331	0.177383	0.223548	0.156524	0.163277	0.124495	0.207305	0.215088	0.193129	0.191574
0.22059	0.200947	0.243876	0.208175	0.213211	0.253072	0.32227	0.298862	0.126869	0.18416
0.228159	0.241071	0.251399	0.25205	0.19869	0.257468	0.340172	0.266106	0.085439	0.165063
0.272697	0.278224	0.251399	0.267606	0.264323	0.265306	0.234361	0.312622	0.273813	0.244723
0.246545	0.292777	0.306451	0.271831	0.268511	0.29514	0.209851	0.30539	0.237778	0.261757
0.18468	0.297118	0.311877	0.265462	0.183484	0.320885	0.207067	0.254811	0.171963	0.237389
0.219441	0.31336	0.268503	0.308414	0.294491	0.36631	0.263154	0.191574	0.143356	0.233671
0.291533	0.274859	0.299859	0.361728	0.340195	0.299691	0.275476	0.225136	0.175321	0.18344
0.300426	0.230185	0.298146	0.382378	0.354751	0.234007	0.300171	0.203015	0.186589	0.158037
0.291436	0.26608	0.283181	0.294936	0.338078	0.238497	0.302798	0.107911	0.193436	0.138398
0.320292	0.305408	0.331178	0.261359	0.36594	0.305282	0.284099	0.121482	0.221165	0.125536
0.344557	0.329334	0.338656	0.309123	0.347888	0.270225	0.253343	0.179164	0.253252	0.23596
0.320085	0.308855	0.356696	0.34078	0.273572	0.201985	0.293412	0.244894	0.20895	0.201386
0.364423	0.299788	0.378303	0.363141	0.338364	0.298907	0.195669	0.196613	0.204796	0.136191
0.401964	0.331516	0.334743	0.237061	0.359914	0.304753	0.148744	0.196253	0.235681	0.15687
0.384562	0.353631	0.256762	0.234294	0.271141	0.27372	0.219995	0.22445	0.207278	0.219378
0.298783	0.347428	0.26353	0.30149	0.276855	0.262238	0.240653	0.226512	0.162758	0.256033
0.283799	0.335703	0.328437	0.299768	0.268481	0.273997	0.223632	0.149597	0.214489	0.197758
0.297899	0.311632	0.213717	0.274505	0.289534	0.248256	0.187105	0.165971	0.282733	0.219675
0.328114	0.27264	0.169513	0.26586	0.292811	0.280201	0.240625	0.238642	0.282198	0.266354
0.2613	0.150501	0.222138	0.24094	0.262455	0.169298	0.19254	0.222343	0.249558	0.268159
0.21036	0.176265	0.232579	0.138941	0.174551	0.170316	0.216281	0.189772	0.119082	0.178607
0.173849	0.249785	0.228713	0.171811	0.150264	0.221083	0.187787	0.16308	0.158997	0.103039
0.185361	0.200202	0.166144	0.232309	0.2301	0.192308	0.103494	0.164774	0.145074	0.137974

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

40	41	42	43	44	45	46	47	48	49
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.044442	0.022221	0.011111	0	0	0	0	0	0	0
0.675929	0.925681	0.896662	0.905801	0.133778	0.066889	0	0	0	0
0.264717	0.314446	0.259518	0.267557	0.422108	0.551631	1.15152	0.182127	0.091063	0.045532
0.087303	0.056935	0.044103	0.09767	0.152101	0.221451	0.364253	0.54645	0.754401	0.877165
-0.04419	-0.09765	-0.03418	0.00389	0.022936	0.074523	0.12298	0.212204	0.270936	0.343513
-0.05289	-0.09171	-0.01343	-0.01341	-0.04857	-0.02504	0.029216	0.111808	0.0939	0.142138
-0.02554	-0.01678	0.021437	0.008604	-0.06461	0.00116	0.059744	0.057939	-0.02496	0.006176
-0.01569	0.011129	0.032074	-0.00575	-0.02199	0.04365	0.052435	-0.02169	-0.06048	-0.04667
-0.01921	-0.00318	0.047248	0.04765	0.043571	0.005707	0.003784	-0.07102	-0.00642	-0.00716
-0.04692	-0.02412	0.018955	0.036154	-0.00352	-0.0439	-0.03297	-0.06953	-0.02546	0.006779
-0.057	-0.05166	-0.03735	0.001957	-0.06814	-0.05159	-0.01976	-0.05357	-0.05446	-6.51E-04
-0.11347	-0.05011	-0.05961	-0.05605	-0.09286	-0.06699	-0.07273	-0.0814	-0.06301	-0.03007
-0.11972	-0.03431	-0.06167	-0.07277	-0.10786	-0.08379	-0.1176	-0.08976	-0.09225	-0.10608
-0.082	-0.04091	-0.07451	-0.07438	-0.13397	-0.10493	-0.11636	-0.08936	-0.07684	-0.10803
-0.0823	-0.08834	-0.08353	-0.09808	-0.1029	-0.08555	-0.09169	-0.05105	-0.05447	-0.06918
-0.09012	-0.11141	-0.10313	-0.13977	-0.10589	-0.07797	-0.09901	-0.04854	-0.06826	-0.03872
-0.10546	-0.13369	-0.1287	-0.14177	-0.09858	-0.11679	-0.09161	-0.08948	-0.08864	-0.05596
-0.12752	-0.13387	-0.08781	-0.10263	-0.08627	-0.12738	-0.11612	-0.14388	-0.11154	-0.10552
-0.14904	-0.11824	-0.08889	-0.1125	-0.11311	-0.1303	-0.12587	-0.15119	-0.10339	-0.12307
-0.14541	-0.11077	-0.1336	-0.11118	-0.10828	-0.13174	-0.09773	-0.12586	-0.10194	-0.12889
-0.15313	-0.1144	-0.13546	-0.09933	-0.11043	-0.11672	-0.12642	-0.11876	-0.14597	-0.15659
-0.15642	-0.09965	-0.12523	-0.10595	-0.14379	-0.11556	-0.15061	-0.12399	-0.14567	-0.15555
-0.13363	-0.08777	-0.12933	-0.13115	-0.15779	-0.11676	-0.14163	-0.1328	-0.13338	-0.12513
-0.09518	-0.12162	-0.12392	-0.13158	-0.13502	-0.11902	-0.13465	-0.13442	-0.15319	-0.13183
-0.09457	-0.13311	-0.12146	-0.12096	-0.13356	-0.14431	-0.12964	-0.10971	-0.1545	-0.12804
-0.11543	-0.1359	-0.1299	-0.14254	-0.13113	-0.1545	-0.12137	-0.11144	-0.14355	-0.10219
-0.1164	-0.12514	-0.10858	-0.16227	-0.15322	-0.17003	-0.15002	-0.13358	-0.12056	-0.08312
-0.12548	-0.14855	-0.13507	-0.18219	-0.14468	-0.17748	-0.1457	-0.14159	-0.11594	-0.13775

-0.15233	-0.16327	-0.1376	-0.18011	-0.11195	-0.16544	-0.12486	-0.13692	-0.15786	-0.17038
-0.16805	-0.14062	-0.12292	-0.16421	-0.13196	-0.15843	-0.11188	-0.16029	-0.16107	-0.16327
-0.14173	-0.10146	-0.12663	-0.12336	-0.13227	-0.12819	-0.0991	-0.17856	-0.14355	-0.16117
-0.15011	-0.10492	-0.14687	-0.12224	-0.11946	-0.11543	-0.1084	-0.1639	-0.17929	-0.17818
-0.15874	-0.1265	-0.16627	-0.12064	-0.13125	-0.1273	-0.14445	-0.14176	-0.18749	-0.15314
-0.14437	-0.11283	-0.15476	-0.13612	-0.15364	-0.14513	-0.14053	-0.13412	-0.16728	-0.13305
-0.12874	-0.11236	-0.13617	-0.12655	-0.15832	-0.11119	-0.12785	-0.12551	-0.13731	-0.12169
-0.1089	-0.11829	-0.11128	-0.10287	-0.15321	-0.10058	-0.1588	-0.13613	-0.14157	-0.14078
-0.11273	-0.1351	-0.12801	-0.10925	-0.16302	-0.12987	-0.16643	-0.14058	-0.17129	-0.1431
-0.12162	-0.11108	-0.13341	-0.1157	-0.15336	-0.14463	-0.15168	-0.15047	-0.15015	-0.12873
-0.11901	-0.08894	-0.11884	-0.12355	-0.17403	-0.15206	-0.13385	-0.11805	-0.12875	-0.12074
-0.1005	-0.10664	-0.11097	-0.13741	-0.18411	-0.12619	-0.13795	-0.10213	-0.15223	-0.15324
-0.09646	-0.11603	-0.13942	-0.1443	-0.15089	-0.10099	-0.12453	-0.14367	-0.16547	-0.13476
-0.09347	-0.10734	-0.14232	-0.12979	-0.11328	-0.11638	-0.12475	-0.15675	-0.16603	-0.11114
-0.0981	-0.10755	-0.11294	-0.09595	-0.12147	-0.13251	-0.12969	-0.13502	-0.18272	-0.13219
-0.09089	-0.09505	-0.09997	-0.12055	-0.12598	-0.13519	-0.14805	-0.11735	-0.15111	-0.13619
-0.07922	-0.09332	-0.09666	-0.13851	-0.11651	-0.12576	-0.13156	-0.08889	-0.12277	-0.1173
-0.0844	-0.08666	-0.09594	-0.11203	-0.09997	-0.10371	-0.09922	-0.11346	-0.13752	-0.08018
-0.05525	-0.08353	-0.08554	-0.10494	-0.09155	-0.11473	-0.08646	-0.12112	-0.13728	-0.08269
-0.0485	-0.08826	-0.07039	-0.10978	-0.10471	-0.11019	-0.07207	-0.07556	-0.10648	-0.07696
-0.06236	-0.08254	-0.07652	-0.11208	-0.08802	-0.1003	-0.05969	-0.03066	-0.07266	-0.07051
-0.06668	-0.07053	-0.05867	-0.07801	-0.04676	-0.06401	-0.04348	-0.05046	-0.08627	-0.06328
-0.06559	-0.07999	-0.04566	-0.06271	-0.0516	-0.06057	-0.04996	-0.09239	-0.09662	-0.04355
-0.02378	-0.07907	-0.04628	-0.0593	-0.07321	-0.07798	-0.07145	-0.0836	-0.0714	-0.0177
0.002773	-0.04403	-0.02395	-0.05585	-0.04869	-0.06004	-0.04751	-0.05124	-0.07013	-0.03517
-0.00632	-0.04824	-0.02082	-0.07493	-0.02583	-0.04206	-0.04332	-0.0328	-0.06915	-0.04286
-0.02497	-0.05944	-0.03156	-0.06838	-0.0323	-0.0278	-0.03669	-0.04381	-0.04191	-0.01952
-0.02384	-0.06806	-0.01593	-0.0502	-0.0229	-0.03122	-0.02697	-0.06107	-0.04097	0.001745
0.005195	-0.05821	0.004547	-0.02602	-0.00763	-0.05348	-0.04806	-0.06372	-0.04384	-0.0184
0.019064	-0.02757	-0.00378	-0.03622	-0.01751	-0.09934	-0.03828	-0.05562	-0.06932	-0.04164
0.001877	-0.03552	-0.0147	-0.05981	-0.04031	-0.07604	-0.01277	-0.04639	-0.0782	-0.02046
-0.01301	-0.0459	0.012378	-0.0653	-0.03234	-0.06151	0.007722	-0.05948	-0.09584	-0.0081
-0.00256	-0.02911	0.057527	-0.03816	-0.01987	-0.07	0.003931	-0.05045	-0.08391	-0.04448
0.025601	-0.02192	0.04282	-0.02573	-0.01711	-0.04908	-0.01912	-0.04471	-0.02518	-0.05424
0.008042	-0.02725	-0.00337	-0.07293	-0.01931	-0.04417	-0.0103	-0.04263	-0.02127	-0.01516
-0.0331	-0.03932	-0.01418	-0.0662	-0.01317	-0.09134	-0.03099	-0.0415	-0.0109	0.030641
-0.02342	-0.05264	0.010207	-0.02531	-0.02596	-0.11065	-0.02793	-0.04485	-0.01399	0.044809
0.018945	-0.01959	0.026174	-0.01396	-0.0508	-0.05214	-0.025	-0.02231	0.003656	0.026675
0.040789	0.017924	0.021153	-0.01729	0.003156	-0.01116	-0.00886	0.003918	0.009929	-0.00167
0.002512	0.003019	0.02122	0.007732	0.077884	0.005973	0.01203	0.010256	-0.02942	-0.0118
-0.01116	-0.00833	0.031749	0.04485	0.092459	0.017449	0.031256	5.45E-04	-0.02077	0.016733
-0.00316	-0.02895	0.044914	0.026872	0.032745	-0.00799	0.022846	-0.02475	0.012081	0.036257
0.015404	-0.00806	0.054866	-0.00532	-0.01926	-0.04628	-0.01702	-0.04944	0.006131	-0.01718
0.047555	0.029081	0.060258	-0.01729	0.014183	-0.03644	-2.00E-04	-0.03782	0.004379	-0.04143
0.013476	-0.00761	0.031493	-0.01306	0.031765	-0.00852	0.018718	-0.02369	0.00485	0.003306
-0.02694	-0.027	0.028511	0.006486	0.019064	-0.00894	0.029825	-0.04385	-0.0134	0.030004
-0.02239	0.016826	0.053875	0.030336	0.021192	-0.00879	0.017497	-0.06094	-0.02493	-0.01094

0.003181	0.030537	0.034065	0.013553	0.047017	-0.00652	-0.00134	-0.05748	0.013057	-0.01319
-0.02983	0.021404	-0.01176	-0.00987	0.052027	0.001292	0.018073	-0.02616	0.015655	-8.49E-04
-0.04099	0.003502	-0.00264	-0.00927	0.018097	-0.01932	0.015673	-0.03187	-4.04E-04	0.003555
-0.0122	0.012048	0.015596	-0.00438	-0.01942	-0.02846	0.009446	-0.01962	0.031866	0.0255
0.014447	0.037907	-0.00889	-0.02067	-0.01576	-0.01293	0.035117	0.017491	0.0261	0.001878
0.069764	0.034604	-0.03427	-0.01378	-0.00537	-0.01543	0.05738	0.022833	0.016606	0.004155
0.050951	0.002697	-0.0574	0.008472	-0.00593	-0.00521	0.039333	-0.00326	0.049842	0.014099
-0.02581	-0.02674	-0.0496	0.014252	0.014468	0.013319	0.017142	-0.02588	0.048425	-0.00359
-0.04927	0.007307	-0.00661	0.014786	-0.01758	-0.00514	0.002572	-0.01132	0.020672	-0.00441
-0.03295	0.031155	0.0105	0.014636	-0.03964	-0.02089	-0.00612	0.014368	0.02965	-0.01351
-0.03164	0.003131	-0.0512	0.027491	-0.0087	0.015184	0.003636	0.016448	0.017645	-0.05414
-0.02362	-0.01931	-0.06512	0.021957	0.031013	0.044158	0.034325	0.004916	0.00178	-0.05103
-0.01963	-0.01618	-0.04063	0.019132	0.019709	0.026822	0.007242	-4.58E-04	-0.00258	-0.01465
-0.01124	0.013761	-0.0136	0.018003	-0.03335	-0.02182	-0.01304	0.00881	-0.01302	0.005323
0.006624	0.038658	0.005882	0.019149	-0.03565	-0.0028	-0.01337	0.005765	-0.03599	-0.00643
0.013644	0.014224	0.007093	0.044117	-0.01861	0.033964	-0.01396	-0.00778	-0.01885	-0.01892
7.06E-04	0.007958	0.032126	0.068168	7.88E-04	0.042021	-8.17E-04	0.002841	-0.05107	-0.03075
-0.00842	0.023509	0.019371	0.033828	-0.01523	-0.00697	-0.04477	-0.00855	-0.04573	-0.01192
0.005572	0.02174	0.001409	-0.00264	-0.04723	-0.02995	-0.07382	-0.02493	-0.00453	-0.00128
0.038374	0.021186	-0.01426	-0.01289	-0.06472	0.009882	-0.02242	0.005232	-0.03959	-0.03601
0.012341	-0.01234	-0.037	-0.00918	-0.02188	0.030273	-3.95E-04	0.016414	-0.03456	-2.72E-04
-0.0272	-0.00651	-0.02011	0.015605	0.019403	-0.00192	-0.02644	8.91E-04	-0.03824	0.04736
-0.03284	-0.02508	-0.01363	-0.01466	-0.01311	-0.03172	-0.03405	-0.00658	-0.03746	0.022483
-0.03795	-0.04768	-0.04072	-0.0464	-0.02761	-0.0197	-0.03307	-0.0027	-0.05891	-0.01969
-0.00603	-0.0233	-0.0222	-0.0349	-0.01102	0.001687	-0.04694	-0.02056	-0.09868	-0.0599
-0.01667	-0.019	-0.00417	-0.02398	0.006443	-0.0133	-0.06064	-0.01178	-0.07688	-0.02925
-0.03746	-0.03551	-0.00637	-0.03751	0.011587	-0.03256	-0.0383	0.041287	-0.01205	0.053514
0.004211	-0.02869	5.48E-04	-0.03373	0.007219	-0.01592	-0.02199	0.017817	-0.02949	0.056286
0.043397	0.004083	0.01192	-0.02496	0.02179	-0.02484	-0.0202	-0.01066	-0.03996	-0.00539
0.022772	-6.53E-04	0.040859	-0.01131	0.026602	-0.007	-6.06E-04	0.020413	-0.02173	-0.01375
-0.01871	-0.02166	0.035512	0.004623	0.011103	-0.01653	0.006796	0.041957	-0.01074	0.022587
-0.03524	-0.02826	0.014263	-0.00722	-0.01441	-0.0404	0.006631	0.036108	0.010901	0.030553
-0.00678	-0.01564	0.006253	-0.01386	-0.01081	-0.03688	-3.79E-04	0.00772	0.003388	-0.00888
0.001454	-0.0169	0.01553	-0.02173	0.016929	-0.02103	0.001526	-0.0183	-0.0353	-0.03532
-0.05052	-0.0276	0.028443	-0.02358	0.037132	-0.00618	0.001852	-0.04308	-0.05827	-0.01418
-0.05414	-0.02758	0.003103	-0.00672	0.03222	-0.02319	0.018327	-0.01864	-0.0298	-0.00493
-0.02532	-0.02608	-0.0112	0.012887	-0.0022	-0.0147	0.031116	0.013841	0.006672	0.013861
0.002675	-0.02227	-0.01392	-0.01148	0.01132	-0.00324	0.008169	-0.03229	0.005557	0.034538
-0.00684	0.014059	0.029123	0.005717	0.053182	0.003949	0.021135	-0.02214	-0.00258	0.044937
0.002708	0.011588	0.04275	0.014703	0.036725	-5.14E-04	0.06319	0.008675	-0.00456	0.046698
-0.00117	0.006202	-0.0018	-0.00924	0.01649	0.002561	0.041743	0.012383	0.019103	0.038686
-0.02961	5.46E-04	-0.01688	-0.02961	0.008178	-0.00707	0.008069	-0.01148	0.002751	-0.02117
-0.03896	-0.0144	-0.03202	-0.03024	0.003336	-0.0119	0.01704	-0.02783	-0.03501	-0.05392
-0.03331	0.001379	-0.01725	0.007043	0.00309	-0.04773	0.030924	-0.01717	-0.00456	-0.00238
0.006657	0.007225	0.014872	0.033531	-0.02848	-0.0569	0.030209	0.002278	0.042052	0.03418
0.01837	0.0063	0.001074	-0.00529	-0.00595	-0.00689	0.040403	0.014402	0.053762	0.036777
0.001584	0.006478	0.026749	-0.00902	0.017368	0.016971	0.049473	0.013757	0.01853	0.001944

0.012307	0.041182	0.069415	0.032452	-0.01609	0.00584	0.038125	0.026385	-0.00345	-8.82E-04
0.021868	0.069006	0.039725	0.041234	0.007467	-0.01707	0.029408	0.004068	0.039237	0.0255
0.015925	0.063326	0.022458	0.044046	0.027138	-0.00226	0.020709	-0.01922	0.052877	0.011041
-0.00285	0.029526	-0.00601	-0.00339	-0.00515	0.02787	0.021169	9.08E-04	0.026719	-0.01757
-0.02775	0.011555	-0.00335	-0.00328	-0.00582	0.02548	-8.66E-04	-2.12E-04	0.016398	8.58E-06
-0.05013	0.030159	0.013295	0.045333	0.003828	0.006839	4.36E-05	-0.02169	0.03287	0.03948
-0.02734	0.02275	0.001345	0.036733	-0.01583	-0.00637	0.030122	-0.02597	0.037074	0.047102
0.011175	7.38E-04	-0.02207	0.016358	-0.02806	-0.0099	0.052968	0.008038	0.054686	0.035468
-0.0113	0.003019	-0.0188	0.020855	0.00455	0.008843	0.027844	0.012282	0.043761	9.67E-04
-0.0309	0.031052	-0.01142	0.040719	0.012239	0.023069	-0.01062	-0.01648	0.002969	0.018124
-0.02316	0.010064	-0.00455	0.050051	0.003418	0.005807	0.016533	-0.01006	0.025676	0.04589
-0.01702	-0.03593	-0.01654	0.021736	-0.02692	0.031965	0.045573	0.016038	0.051244	-0.00536
-0.03829	-0.04357	-0.04795	-0.02104	-0.01534	0.043868	0.046314	0.018125	0.029472	-0.03393
-0.03783	-0.01419	-0.05602	-0.00552	0.005273	0.022965	0.017023	0.007134	-0.02288	-0.01635
0.013359	-0.02277	-0.04485	0.009378	-0.01553	0.027433	-0.00103	-0.01784	-0.031	0.015158
0.028603	-0.0274	-0.02303	0.002573	-0.03741	0.043378	-0.01186	1.97E-06	0.018287	0.037748
-0.0047	-0.0349	0.003856	-0.01055	-0.04364	0.057321	-0.00176	0.041721	0.021598	0.002209
-0.02151	-0.03846	-0.01035	-0.01999	-7.89E-04	0.05034	0.015892	0.048217	-0.0317	-0.04863
-0.04259	-0.06068	-0.00551	0.017734	0.036884	0.005026	-0.00273	0.033576	-0.02562	-0.02839
-0.03785	-0.0385	0.026681	0.004036	-0.03347	-0.01828	-0.02481	0.013417	-0.01071	0.007735
-0.01342	-0.01164	0.030008	-0.02027	-0.04028	-7.43E-04	-0.02559	0.028347	-0.02212	-7.17E-04
-0.01585	-0.03985	-0.01088	-0.03458	-0.00956	0.020757	0.01352	0.042301	-0.02384	-0.0243
-0.00907	-0.05781	-0.02941	-0.04692	-0.0143	-0.00436	0.019857	0.01816	-0.04531	-0.01797
-0.03593	-0.05322	0.001999	-0.05567	-0.01103	-0.03169	-0.02051	-0.01196	-0.03298	-0.005
-0.0287	-4.30E-04	0.029208	-0.05643	-0.01692	0.009597	-0.01719	0.012231	4.45E-04	0.035701
-0.03159	0.004955	-0.00734	-0.06943	-0.00312	0.007573	0.00421	0.046602	0.01919	0.060117
-0.04543	-0.03213	-0.03256	-0.03866	0.005043	-0.02237	-0.00268	0.034876	0.006655	0.039535
-0.03347	-0.02591	-0.0377	-0.07398	-6.91E-04	-0.02532	-0.00747	-0.00778	-0.02458	0.041328
-0.02946	0.008903	-0.03621	-0.08507	-0.00423	-0.01924	-0.02372	-0.02917	-0.02859	0.032612
-0.03326	0.012246	-0.00137	-0.03555	0.024086	-0.0111	-0.01448	-0.01406	-0.02831	0.005807
-0.05454	-0.03173	-0.0253	-0.02518	0.018419	-0.00171	0.027238	0.029332	-0.02907	0.016647
-0.06545	-0.08329	-0.04053	-0.02207	-0.02612	-0.02296	0.034959	0.021985	-0.0232	0.050742
-0.07523	-0.04413	-0.0303	-0.03092	-0.00868	-0.05585	-0.00954	-0.02969	-0.0471	0.025728
-0.05102	0.009818	-0.02011	-0.02491	0.025928	-0.04157	-0.00614	-0.04338	-0.04572	0.007232
-0.02683	0.0069	-0.03765	-0.03454	0.028941	-0.04665	0.02774	-0.0261	-0.02136	0.009183
-0.0381	-0.0226	-0.03788	-0.04451	0.012205	-0.02897	0.031605	-0.02565	-0.03055	-0.00254
-0.04208	-0.00242	-0.02377	-0.02358	-0.01394	-0.02383	0.009812	-0.03779	-0.00709	0.004021
-0.05998	0.013497	-0.03705	-0.02572	-0.035	-0.03969	-0.0103	-0.02665	-0.0041	0.019849
-0.06344	-0.00475	-0.04447	-0.02663	-0.0111	-0.02235	-4.44E-04	-0.04075	0.003488	-0.01404
-0.03407	-0.0223	-0.04046	-0.01458	0.015107	-0.00248	0.03385	-0.02532	-0.00296	-0.00491
-0.03289	-0.01493	-0.02832	-0.01183	0.00455	0.006456	0.046115	-0.02479	0.006891	0.027641
-0.04071	-0.01053	-0.07778	-0.04149	-0.05541	-0.03055	-0.00576	-0.04696	0.012423	0.020229
-0.01531	-0.01014	-0.10959	-0.06054	-0.10408	-0.07252	-0.02134	-0.05941	-0.01223	-0.02394
0.012274	-0.04442	-0.07444	-0.01077	-0.05549	-0.03802	0.003521	-0.0664	-0.01299	-0.03012
-0.04371	-0.04993	-0.02225	0.018003	-0.01741	0.009933	0.011913	-0.07083	0.00603	-0.02399
-0.0596	-0.04265	-0.03361	-0.01203	-0.06822	-0.01097	-0.02091	-0.05563	0.032672	-0.01632
-0.02738	-0.06478	-0.083	-0.04247	-0.06948	-0.0365	-0.0363	-0.02829	0.012663	-0.02175

-0.02167	-0.05888	-0.05639	-0.03309	-0.04577	0.00172	-0.03802	-0.04559	-0.02668	-0.03731
-0.05449	-0.05034	-0.0179	-0.02465	-0.02504	0.029131	-0.06637	-0.08806	-0.02778	-0.04243
-0.04278	-0.01228	-0.0211	-0.0346	-0.01503	-0.01341	-0.0626	-0.05565	0.006858	-0.01433
0.004457	-0.03518	-0.02583	-0.02714	-0.04142	-0.04906	-0.04971	0.018108	0.043117	0.007248
-0.02535	-0.07877	-3.27E-04	0.017348	-0.01485	-0.01244	-0.04082	0.031007	0.00806	-0.00714
-0.06888	-0.05976	0.029208	0.01327	0.014367	0.042654	-0.03165	-0.01459	-0.02659	-0.02064
-0.06107	-0.01718	0.028579	0.009609	0.013612	0.030396	-0.03819	0.013926	0.038399	0.0225
-0.03988	0.00742	0.021421	0.003434	0.010953	-0.01011	-0.00876	0.050336	0.073811	0.042473
-0.02654	-0.01707	0.014461	-0.00582	0.001146	0.002379	0.015757	0.030513	0.007552	0.002325
-0.0344	-0.02484	0.018972	-0.01767	0.016811	0.032548	-0.02235	0.003487	-0.02196	-0.02845
-0.01298	0.005619	0.015152	-0.00459	0.039422	0.03708	-0.00187	0.039049	0.013366	-0.00828
-0.01039	0.026184	-0.02619	-0.01803	0.025376	0.012322	0.034835	0.098583	0.046179	0.035074
-0.03815	-0.00336	-0.038	-0.00362	0.030978	0.020207	0.011646	0.053748	-0.01299	0.026324
-0.05004	-0.00296	0.038959	0.026649	0.066635	0.018732	-0.00521	-0.02726	-0.0773	-0.04969
-0.04911	0.025149	0.060039	0.017029	0.057818	-0.01954	-0.03114	-0.03424	-0.07987	-0.04448
-0.05429	0.014207	0.030366	-0.01364	4.95E-04	-0.05171	-0.03067	0.010138	-0.02884	0.020887
-0.03853	0.006218	0.012443	-0.02784	-0.02075	-0.03309	-0.01238	0.013587	0.017853	0.053085
-0.06758	-0.01882	0.012771	-0.01414	0.001016	-0.04656	0.010328	0.008105	-0.02512	0.018159
-0.07849	-0.02152	0.020903	-0.00998	0.003926	-0.05146	0.010195	0.003106	-0.04612	-0.01127
-0.06861	-0.011	0.014017	5.00E-04	-0.02007	-0.0469	0.014562	0.036215	0.016692	0.032292
-0.09727	-0.01897	-0.03131	-0.03414	-0.02293	-0.02059	0.043825	0.06518	0.029935	0.061199
-0.05047	-0.01933	-0.02225	-0.05188	0.020833	-0.01223	0.030872	0.01614	-0.02413	0.029315
-0.02914	-0.02703	0.016851	4.84E-04	0.041581	-0.01608	0.007854	-0.00564	-0.04789	-0.03205
-0.04739	-0.0367	-0.00441	-3.23E-04	0.004911	-0.02889	0.017159	0.015441	-0.04923	0.001861
-0.0408	-0.01907	-0.02482	-0.01791	-0.02504	-0.00285	0.044779	0.024989	-0.02	0.052042
-0.04378	-0.0159	-0.00965	-0.02558	9.02E-04	0.052149	0.050531	0.008826	0.019121	0.053067
-0.06244	-0.02475	-0.019	-0.03607	0.032885	0.011985	0.027567	9.74E-04	0.029116	0.023509
-0.06442	-0.00874	-0.04403	-0.03388	0.010987	-0.02645	0.015454	-0.00719	0.012115	0.0092
-0.00692	0.021572	-0.02527	-0.01752	-0.03201	-0.03085	0.042962	0.003106	0.038236	0.047986
-0.00504	0.017374	-0.02344	-0.04072	-0.01706	0.004197	0.059016	0.049745	0.048127	0.063657
-0.043	-0.03191	-0.02966	-0.0507	-0.00565	-0.04075	-7.69E-04	-4.26E-04	0.008671	0.007971
-0.07032	-0.03366	-0.0431	-0.05595	-0.0177	-0.07342	-0.04407	-0.02439	-0.0402	-0.01207
-0.04137	-0.02392	-0.04173	-0.04212	-0.02703	-0.05661	-0.02404	-0.00251	-0.01899	0.019952
-0.02551	-0.04697	-0.05219	-0.03355	-0.05982	-0.03259	0.030819	0.038348	0.050627	0.050334
-0.04729	-0.05058	-0.05099	-0.04605	-0.03771	-0.00729	0.036636	0.02131	0.030185	0.047434
-0.06456	-0.05719	-0.04563	-0.03591	-0.02484	-0.0174	0.024614	-0.03202	-0.05282	-0.01592
-0.09096	-0.04619	-0.05767	-0.03871	-0.00391	-0.03526	0.036866	-0.00552	-0.06486	-0.05366
-0.06562	-0.02449	-0.03326	-0.02787	-0.01881	-0.05811	0.043735	0.029878	0.001012	-0.01096
-0.06679	-0.00977	-0.03949	-0.06345	-0.05786	-0.05634	0.018005	0.006499	0.016658	0.018107
-0.06997	-0.01033	-0.03959	-0.07499	-0.06391	-0.02989	-0.00321	-0.03064	0.002583	-0.01544
-0.0752	-0.03242	-0.01418	-0.04162	-0.04282	-0.03098	-0.01733	-0.06188	-0.03703	-0.03184
-0.08258	-0.04841	-0.04402	-0.08544	-0.02439	-0.04562	-0.00358	-0.04828	-0.01085	0.012245
-0.07061	-0.05733	-0.05381	-0.06537	-0.05417	-0.06421	0.007821	-0.01738	0.051938	0.068365
-0.08234	-0.04336	-0.03328	-0.02553	-0.0469	-0.0375	0.00673	0.015236	0.047867	0.032398
-0.06895	-0.03939	-0.03415	-0.07203	-0.03802	-0.00655	0.002621	-0.02377	0.005355	-0.01014
-0.08163	-0.03437	-0.02327	-0.08116	-0.03793	-0.02427	0.019193	-0.0391	0.017004	0.033823
-0.07233	-0.01561	-0.00706	-0.05302	-0.01559	-0.02708	0.023944	-0.02394	0.034489	0.026517

-0.05974	-0.00442	-0.0461	-0.05697	-0.06494	-0.04778	-0.00871	-0.02619	0.030524	-0.01273
-0.06652	-0.02082	-0.05151	-0.08067	-0.10012	-0.06821	-0.01724	-0.00773	0.020619	-0.03906
-0.06496	-0.00776	-0.02101	-0.04618	-0.05032	-0.06148	-0.0068	-0.02518	-0.02119	-0.03124
-0.08288	0.001283	-0.03686	-0.02233	-0.00705	-0.06384	-0.00627	-0.03356	-0.00952	-0.0159
-0.04892	-0.00816	-0.01752	-0.0171	-0.02106	-0.06317	0.012013	-0.03572	0.017991	-0.0198
0.006295	-0.01739	-0.02847	-0.04147	-0.05558	-0.0523	-1.84E-04	-0.06709	0.025041	-0.02153
-0.00341	-0.04698	-0.03404	-0.04228	3.00E-04	0.004462	-0.03146	-0.06959	-8.03E-04	-0.04561
-0.00192	-0.01925	-0.00997	-0.01438	0.031572	0.009547	-0.04799	-0.04945	-0.02515	-0.02282
-0.00572	0.034016	-0.00896	-0.01964	0.008576	-0.04795	-0.02496	-0.01339	0.013572	0.010314
-0.02079	0.011687	0.023346	0.005145	-0.02438	-0.03088	0.00865	0.015339	0.047551	-0.01188
-0.01371	0.005117	-0.0144	-0.00574	-0.04842	-0.00837	0.020828	0.031626	0.062746	-0.00656
-0.04372	-0.01177	-0.02374	-0.03156	-0.02015	0.021532	0.021374	0.041957	0.032978	0.012856
-0.05669	-0.01122	-0.02132	-0.01159	0.00524	0.045522	0.017599	-0.01414	0.004311	0.012924
-0.07407	-0.01333	-0.06272	-0.00297	0.011053	-0.00349	0.026944	-0.02465	0.017385	-0.0082
-0.05371	-0.01094	-0.05244	-0.00195	-0.00526	-0.02226	0.050239	-4.91E-04	0.040477	-0.01458
0.004359	0.002439	-0.03834	-0.01205	-0.0369	-0.02192	0.032446	-0.00651	0.069082	0.015397
0.016867	0.007746	-0.00887	-0.02148	-0.04621	-0.00776	0.022417	-0.00726	0.006756	0.001845
-0.02823	0.016643	0.002735	0.011278	-0.06175	-0.01753	0.001363	-0.04505	-0.05456	-0.01268
-0.04205	0.040006	-0.00153	0.029869	-0.03285	-0.03082	0.013671	-0.03043	-0.02801	-0.04361
0.001519	0.046934	0.002735	0.016861	-0.0287	0.003105	0.026218	0.007737	-0.00349	-0.04173
0.038746	0.013679	-0.0355	-0.02425	-0.04499	-5.91E-06	-0.00158	0.002642	0.012594	-0.04295
0.031766	-0.02671	-0.04928	-0.02107	-0.01586	-0.01219	-0.02503	-0.00808	0.006891	-0.03953
-0.02532	-0.02636	0.002831	0.00951	-0.00558	-0.01156	-0.03159	-0.03703	-0.0333	-0.01743
-0.04998	0.016875	0.022006	0.010203	-0.01274	-0.01734	-0.01492	-0.06811	-0.01201	-0.02293
-0.02147	0.008528	-0.00324	0.011311	-0.02305	-0.01257	-0.01706	-0.06218	0.036983	-0.02958
-0.05027	0.008479	-0.0233	-0.01137	-0.01987	-3.87E-05	-0.00905	-0.02918	0.041447	-0.01482
-0.07411	0.022379	0.003568	0.006846	-0.04126	0.01481	-0.01594	-0.01548	0.003069	-0.015
-0.06177	-0.00515	-0.00621	0.02737	-0.04605	0.003006	-0.00447	-0.02398	-0.02929	-0.04617
-0.06175	0.010669	-0.00988	0.0436	0.007153	0.012255	0.026805	0.001881	-0.01481	-0.03257
-0.04998	0.025794	0.007287	0.048497	0.002648	0.021377	0.040046	0.064798	0.037781	0.005206
-0.03712	0.024607	-0.03666	0.001746	-0.03287	0.01549	0.033112	0.055352	0.013075	-0.03121
-0.02433	0.045919	-0.07044	-0.02676	-0.03279	0.03147	0.012348	0.012146	-0.03608	-0.05594
-0.03529	0.012081	-0.0756	-0.00691	-0.02004	0.019503	-0.00482	-0.00653	-0.00828	-0.03776
-0.06725	-0.00885	-0.02935	0.020161	-0.02024	-0.01252	-0.01725	-0.01322	0.020986	-0.03826
-0.03524	-0.00423	-0.00101	0.023947	-0.03748	-0.02691	-0.02004	-0.01645	-0.01607	-0.06324
-0.01298	-0.01413	-0.03298	0.009559	-0.01353	-0.01327	-0.00302	-0.0081	-0.04303	-0.01828
-0.00163	-0.01759	-0.0447	0.005357	-0.03109	0.025306	0.002392	-0.02907	-0.04085	0.044461
-0.02247	-0.01248	-0.01541	0.020161	-0.04912	0.022153	-0.01569	-0.04747	-0.02346	0.037658
-0.07272	0.014753	-0.00297	0.022721	-0.03436	-0.00716	-0.0584	-0.01758	0.013177	-0.00677
-0.05492	0.005959	-0.02294	-0.01848	-0.0457	0.01762	-0.04643	-0.00408	0.020113	-0.0068
-0.02371	0.003421	-0.01641	-0.03315	-0.03792	0.023571	-0.01427	0.013655	-0.00109	0.04395
-0.02668	0.02334	0.003776	-0.01006	-0.04182	-2.68E-04	-0.03877	-0.01608	-0.00401	0.056023
-0.02333	0.036966	0.014691	0.033967	-0.04034	0.011193	-0.03298	-0.01626	-0.01786	0.047194
0.004441	0.042608	-0.00253	0.013952	-0.04924	0.034088	0.019704	0.029261	0.004581	0.047268
0.012074	0.029184	0.003616	-0.01295	-0.02491	0.066209	0.04523	0.05319	0.028813	0.037766
-0.02476	-0.0209	0.011969	0.01146	0.025256	0.052334	0.034201	0.043027	-0.02468	0.021458
-0.02444	-0.03106	-0.0222	0.019942	0.03215	0.046781	0.005213	0.001848	-0.04768	0.010398

0.005293	2.42E-04	-0.00807	0.030284	0.005322	0.055677	0.003833	-6.72E-04	-0.06272	0.016356
0.004522	0.017824	-5.66E-05	0.006453	-0.02974	0.045759	0.029321	0.02726	-0.05166	0.001878
-0.01406	0.029047	0.006237	-0.02306	-0.05266	0.003089	0.01704	0.054158	0.001045	0.016664
-0.00467	-0.03295	0.027121	-0.01495	-0.02416	-0.04867	-0.0325	0.009448	0.036603	0.049389
-0.01154	-0.0688	-0.03355	-0.00926	0.027207	-0.03727	-0.03912	-0.01611	0.031221	0.038145
-0.05398	-0.05976	-0.04392	-0.0014	5.59E-05	0.00266	0.017311	0.03023	0.033823	0.029863
-0.03076	-0.02751	-0.00234	0.014086	-0.03047	0.018783	0.040581	0.067422	0.022789	0.015277
-0.0235	-0.01287	0.006689	-0.01603	-0.02924	0.009933	0.029181	0.022625	-0.01427	0.038109
-0.02708	-0.03693	-0.00183	-0.04636	-0.01772	-0.01311	-0.00127	-0.05407	-0.02332	0.065093
-0.02355	-0.06047	-0.05476	-0.05188	-0.01422	-0.06713	-0.05631	-0.0601	-0.02664	0.042437
-0.05998	-0.05563	-0.06758	-0.07653	-0.07577	-0.07861	-0.02559	-0.04977	-0.0433	0.00829
-0.03886	-0.0422	-0.0278	-0.06338	-0.07443	-0.02836	0.011362	-0.02911	-0.05977	-0.01223
-0.00705	-0.02725	-0.01306	-0.06428	-0.04233	-0.00552	0.012097	-0.00966	-0.04593	-0.01824
-0.01801	-0.01041	-0.01349	-0.04326	-0.05106	-0.04199	0.001559	-0.03417	-0.00481	0.011295
-0.02102	-0.04387	-0.03354	0.009296	-0.02828	-0.05246	-0.03161	-0.02516	0.014449	0.01997
-0.01351	-0.03066	-0.01296	-0.00875	-0.03446	-0.04537	-0.03925	-0.00837	0.007636	-0.00606
0.011574	0.003824	0.014674	-0.0186	-0.01399	-0.05864	-0.01973	-0.01427	-0.02475	-0.00851
0.010693	0.013266	0.017198	-0.02961	0.037787	-0.02357	0.008567	-0.02208	-0.01378	-0.00575
-0.02413	0.010637	0.018424	-0.02465	0.032587	-0.00208	-0.00564	-0.03315	0.010389	0.006477
-0.00213	0.011884	0.011446	0.001665	0.022405	-0.04586	-0.05261	-0.06044	-0.00185	-0.007
0.017171	0.02944	0.027697	-0.0122	-0.00809	-0.03937	-0.01653	-0.05592	-0.01317	-0.03645
0.031225	0.019242	0.038247	-0.01063	-0.01583	-0.01009	0.007341	-0.03018	-0.02505	-0.03967
0.043361	0.010965	0.026106	-0.02552	0.037894	0.018269	0.017142	-0.03266	-0.00362	-0.00985
-7.78E-06	-0.02449	-0.01871	-0.0509	0.034783	0.034159	0.029773	-0.0147	0.010049	0.013435
-0.01622	-0.05763	-0.04504	-0.02625	0.015562	0.004065	-0.01126	-0.02473	-0.00296	-0.01369
-0.01599	-0.05325	-0.0202	-0.01996	0.001929	-0.00721	-0.00902	-0.03582	-0.01314	-0.02898
-0.01798	-0.05492	-0.0074	-0.05124	-0.03398	-0.01623	0.021306	0.009028	-0.00543	-0.0229
-0.01741	-0.07	-0.02596	-0.05064	-0.02183	-0.04429	0.006169	0.012841	0.043061	0.008745
-0.06142	-0.07762	-0.04124	-0.03478	-0.00293	-0.05725	-0.00997	-0.01869	0.060311	0.004138
-0.06611	-0.09537	-0.08601	-0.05419	-0.01976	-0.0735	-0.0505	-0.03481	0.015897	-0.04768
-0.07175	-0.10129	-0.07857	-0.07971	-0.03841	-0.06811	-0.0517	-0.04118	-0.01963	-0.04458
-0.09184	-0.12334	-0.04911	-0.08231	-0.05757	-0.03753	-0.03298	-0.02837	-0.01069	-0.01229
-0.06595	-0.0964	-0.05326	-0.07434	-0.0486	-0.02154	-0.01995	-0.0141	0.035228	0.028874
-0.03174	-0.01945	-0.05579	-0.05923	-0.02574	-0.04903	0.013604	0.012553	0.049879	0.022205
-0.05408	-0.06617	-0.09893	-0.04419	-3.50E-04	-0.07368	-0.02052	-0.04019	-0.00457	-0.03515
-0.08187	-0.0997	-0.08171	-0.0353	-0.02311	-0.04105	-0.05292	-0.09769	-0.03327	-0.08359
-0.05364	-0.07442	-0.03707	-0.03349	-0.0597	-0.0053	-0.02108	-0.06222	-0.04468	-0.11183
-0.0246	-0.06711	-0.04254	-0.05974	-0.04606	0.010302	-8.34E-04	-0.05728	-0.04253	-0.07128
-0.0269	-0.0557	-0.03068	-0.08968	-0.0334	-0.01028	-0.02273	-0.08073	-0.02562	-0.0354
-0.05874	-0.08531	-0.05518	-0.08492	-0.02281	-0.06235	-0.07019	-0.08078	-0.0151	-0.03667
-0.07619	-0.11099	-0.06145	-0.07404	-0.02488	-0.0806	-0.07354	-0.07855	-0.02592	-0.0621
-0.0705	-0.09618	-0.01944	-0.05365	-0.07023	-0.08834	-0.04729	-0.06644	-0.06645	-0.08512
-0.02603	-0.04063	-0.01128	-0.07398	-0.08086	-0.08469	-0.05233	-0.04854	-0.06506	-0.05094
-0.02477	-0.0518	-0.05024	-0.09333	-0.04445	-0.07256	-0.05837	-0.05719	-0.02571	-0.0049
-0.04606	-0.09392	-0.07276	-0.07263	-0.02893	-0.08367	-0.07113	-0.07935	-0.01163	-0.02183
-0.06517	-0.10609	-0.04661	-0.06944	-0.02998	-0.06871	-0.04912	-0.06528	-0.00287	-0.03233
-0.05946	-0.08903	-0.02752	-0.07216	-0.05248	-0.07611	-0.04183	-0.02914	-0.00158	-0.04039

0.008174	-0.05237	-0.03427	-0.06844	-0.04332	-0.07447	-0.05217	-0.03049	-6.37E-04	-0.03026
9.01E-04	-0.02017	-0.01521	-0.05375	-0.03273	-0.06023	-0.03545	-0.02858	0.017627	-0.00421
0.003361	0.010113	0.015498	-0.00807	-0.02271	-0.05608	-0.01572	-0.00502	0.023474	-0.02407
0.028084	-0.00592	0.005029	0.004525	-0.00838	-0.04472	0.001086	0.017406	0.022281	-0.04654
0.006789	-0.01636	0.009996	-0.00486	-0.01805	-0.02842	0.005526	0.005598	0.001212	-0.06197
0.018895	0.006511	0.011463	0.013703	-0.00399	0.005292	-0.02737	-0.02935	0.003237	-0.05408
-0.00156	0.004777	-0.03927	0.025535	-9.04E-05	0.00228	-0.03763	-0.02195	0.02379	-0.02106
-0.04614	-0.02463	-0.05318	0.021448	-0.02972	-0.041	-0.02857	-9.02E-04	0.0169	-0.02457
-0.05716	-0.02874	-0.0132	0.009873	-0.03841	-0.02952	-0.02072	-0.01234	-0.02929	-0.05437
-0.04558	-0.01601	-0.02016	-0.00742	-0.00977	0.004081	-0.04036	-0.05715	-0.04856	-0.05709
-0.02746	-0.00833	-0.02173	-9.67E-04	0.00478	0.007306	-0.05709	-0.05716	-0.01712	-0.03915
-0.01638	0.016228	0.002799	0.002119	-0.03159	0.014013	-0.03488	-0.0068	-0.00887	-0.00567
-0.04175	0.007063	-1.52E-04	-0.01378	-0.08888	-0.01668	-0.03694	-5.57E-04	-0.04052	-0.00519
-0.06775	-0.0106	-0.05033	-0.04255	-0.11992	-0.01287	-0.03282	-0.01765	-0.06077	0.003056
-0.06136	-0.0316	-0.03678	-0.02207	-0.0672	0.020516	-0.00816	-0.01668	-0.04084	0.029651
-0.03908	-0.03041	0.022742	-0.02497	-0.02476	0.011059	-0.02592	-0.01406	-0.02346	0.048244
-0.03978	-0.03671	0.014198	-0.04435	-0.06171	-0.02697	-0.05119	-0.02521	-0.02326	0.05
-0.07826	-0.07897	-0.03289	-0.02938	-0.07624	-0.03843	-0.03849	-0.02884	-0.01544	0.035683
-0.08459	-0.07776	-0.05959	-0.03339	-0.0271	-0.00251	-0.01119	0.018091	-0.00357	0.043092
-0.07905	-0.0534	-0.03414	-0.01849	0.020271	0.0194	0.027429	0.073361	0.012303	0.054636
-0.08274	-0.05312	-0.02526	-0.02257	0.017352	0.01976	0.049765	0.048842	0.016346	0.039824
-0.07547	-0.06792	-0.00851	-0.04075	0.005273	-7.11E-04	0.049893	0.034769	0.048016	0.045817
-0.04119	-0.07925	-0.02916	-0.03051	0.035541	-0.00922	0.05688	0.062854	0.044129	0.073026
-0.05608	-0.07407	-0.06172	-0.0282	0.03208	0.012424	0.056324	0.086491	0.028831	0.07691
-0.09129	-0.03557	-0.01868	0.002979	0.008593	0.018903	0.05385	0.090424	0.062362	0.054936
-0.09909	-0.01821	0.009638	0.017785	0.025652	0.038242	0.070568	0.056157	0.082278	0.064691
-0.05461	0.016311	0.012312	0.018458	0.042745	0.053687	0.066721	0.01816	0.055517	0.097301
-0.01048	0.007469	0.010272	0.035558	0.022063	-0.00741	0.049528	-0.00154	0.035012	0.078905
-0.03301	-0.01848	0.040824	0.057576	0.001065	-0.01284	0.056491	-0.00755	0.056635	0.051986
-0.07542	0.008137	0.052438	0.070135	0.024516	0.06797	0.100254	0.048824	0.077516	0.020091
-0.06439	0.009017	-0.01101	0.043725	0.049669	0.08765	0.088056	0.071903	0.057546	0.024643
-0.05868	-0.0101	-0.02152	0.016912	0.010304	0.056704	0.059557	0.042102	0.059241	0.060705
-0.06411	-0.00225	0.024926	0.061183	0.025135	0.039337	0.080788	0.060295	0.098805	0.048318
-0.04063	0.045493	0.067015	0.101485	0.06482	0.073395	0.085276	0.043991	0.10273	0.020488
-0.00871	0.052474	0.060185	0.07615	0.079794	0.109128	0.064905	0.045797	0.079271	0.020488
0.020897	0.025845	-0.00419	0.051975	0.065783	0.092819	0.030331	0.032653	0.063728	0.028521
-0.02448	0.012838	-0.01002	0.051103	0.0222	0.068566	0.029094	0.019431	0.070705	0.043056
-0.04237	0.017241	-0.01005	0.058849	0.027311	0.061251	0.027065	0.072699	0.098637	0.041437
0.011508	0.048755	0.005882	0.043707	0.072819	0.119759	0.078581	0.136074	0.135666	0.06688
0.037825	0.031086	0.034116	0.03647	0.102468	0.170626	0.131414	0.141054	0.081294	0.094235
0.032254	0.007046	-0.00603	0.018054	0.072799	0.094773	0.027273	0.059294	0.054063	0.099225
-0.00636	0.013168	-0.00873	0.016761	0.035664	0.052389	-0.0021	0.062607	0.05747	0.096228
-0.00572	0.017741	0.039969	0.059644	0.040634	0.049512	0.013537	0.103566	0.04863	0.096146
0.030373	0.026235	0.065515	0.037928	0.042566	0.053779	0.043232	0.103566	0.038909	0.095858
0.02622	0.014059	0.023799	0.011162	0.042476	0.061289	0.096015	0.074922	0.029686	0.087036
0.003999	-0.01804	-0.00453	0.026272	0.057503	0.032884	0.063378	0.076901	0.069472	0.07764
0.007745	-0.02542	0.022893	0.026203	0.037645	0.013049	0.025838	0.065409	0.07694	0.057754

0.019064	-0.02764	0.017695	-0.00196	0.018894	4.33E-05	0.039369	0.043809	0.049599	0.088187
4.09E-05	0.003663	0.005512	-0.02096	0.007434	0.017603	0.080436	0.047923	0.055158	0.134288
-0.00955	-0.00118	-0.01509	-0.00148	0.032342	0.044903	0.061033	0.025931	0.050384	0.102348
-0.00891	-0.0134	-0.01058	0.006896	0.066048	0.034905	0.055584	0.043263	0.055309	0.045395
-0.04484	0.006884	0.013492	3.55E-04	0.044002	0.016204	0.092218	0.034894	0.057546	0.006645
-0.04409	0.008072	-0.01177	0.011543	0.027796	0.02423	0.081258	0.002824	0.072904	-0.02533
-0.02543	0.018441	0.008258	0.050522	0.033974	0.052778	0.070779	0.041305	0.110175	0.039354
-0.05273	0.024946	0.038421	0.066077	-0.01378	0.023156	0.103482	0.092352	0.110454	0.07938
-0.0385	0.030159	0.001249	0.079586	-3.67E-04	0.044431	0.122268	0.079896	0.07002	0.04082
0.004326	0.031653	0.002511	0.109342	0.085219	0.103804	0.101711	0.05986	0.075175	0.050723
0.028603	0.010325	0.059984	0.130086	0.123163	0.117797	0.064301	0.072427	0.102625	0.078351
0.043827	0.042432	0.08864	0.085754	0.09274	0.082165	0.023927	0.063787	0.099034	0.095899
0.045012	0.05354	0.064499	0.023896	0.028611	0.070298	0.034096	0.056962	0.071803	0.096909
0.049259	0.020129	0.02117	0.012655	0.034748	0.099348	0.027342	0.069637	0.064925	0.056982
0.031138	-1.74E-04	0.026952	0.041695	0.084054	0.098338	0.028365	0.112617	0.075432	0.043804
0.023645	0.008756	0.05079	0.054583	0.091033	0.072851	0.081337	0.129574	0.053103	0.06448
0.028655	0.042855	0.083002	0.03167	0.045299	0.08001	0.120505	0.101503	0.010543	0.080809
0.030895	0.029937	0.088621	0.051702	0.048141	0.110733	0.082928	0.009667	-0.01175	0.045982
0.026186	0.011408	0.082637	0.057336	0.072454	0.113068	0.03912	-0.00262	-1.54E-04	0.046184
0.023747	0.064234	0.118652	0.091811	0.087619	0.069142	0.079185	0.069888	0.023702	0.068674
0.046165	0.093627	0.115737	0.111277	0.076855	0.024976	0.104163	0.098748	0.048928	0.052358
0.061356	0.058506	0.064923	0.04166	0.064141	0.04414	0.076908	0.075822	0.073456	0.059947
0.024776	0.016344	0.046221	0.044064	0.088575	0.053724	0.069308	0.031944	0.051769	0.071156
0.006509	0.045422	0.03936	0.052776	0.073088	0.040704	0.06788	0.038007	0.02828	0.096187
0.026961	0.056808	0.026867	0.040294	0.054139	0.010386	0.053685	0.07266	0.051301	0.085466
0.020625	0.038605	-0.01193	0.053816	0.058655	2.73E-04	0.048599	0.084548	0.077556	0.056061
-0.02198	0.025471	0.004723	0.029127	0.080557	0.031188	0.055584	0.03711	0.047013	0.050074
-0.03275	0.0241	0.049345	0.014887	0.088136	0.047567	0.068679	0.001799	0.038181	0.066399
-0.02046	0.055134	0.063651	0.048389	0.072357	0.034852	0.090472	0.049008	0.075907	0.041419
0.028015	0.075084	0.055498	0.083577	0.058841	0.052556	0.100152	0.086752	0.077397	0.021614
0.014783	0.040602	0.025566	0.065758	0.06431	0.098709	0.102163	0.088322	0.053818	0.019434
-0.02726	0.030399	0.007724	0.042602	0.049141	0.101145	0.088135	0.069579	0.040404	0.028416
0.009697	0.052041	-0.0119	0.05473	0.010653	0.047897	0.035611	0.029684	0.057413	0.039444
0.033514	0.032548	-0.02853	0.053706	-0.0055	0.021394	0.031151	0.03824	0.066455	0.003439
0.028932	0.005117	-0.00643	0.031497	-0.03074	0.019915	0.05924	0.065601	0.046661	-0.01721
0.012725	-0.00142	-0.00191	-0.00602	-0.02237	0.001918	0.027775	0.049911	0.011362	-0.01181
0.024656	-0.00209	0.010191	0.007174	-0.00487	0.006206	-0.02398	0.017526	-0.00568	-0.02175
0.054557	-0.00966	0.046858	0.059385	0.012356	0.00299	-0.01795	0.015424	0.002801	-0.01056
0.056953	0.019761	0.041087	0.034526	-0.01381	0.034941	9.06E-04	0.031697	0.023175	0.014065
0.031836	-0.00401	0.046168	0.010964	-0.02852	0.05749	-0.01831	0.033683	0.033355	0.036975
0.009448	-0.02561	0.037189	0.008423	-0.03638	0.037634	-0.03449	0.044975	2.62E-04	0.035361
0.028845	-0.01063	0.060368	0.022653	0.010687	0.036633	-0.0087	0.045158	-0.03865	8.58E-06
0.044868	0.029646	0.11905	0.09457	0.037061	0.029114	-0.0126	0.05254	-0.02502	0.012381
0.032656	0.042062	0.131418	0.07519	0.0256	0.035261	0.012097	0.096441	0.013469	0.029209
0.026685	0.015863	0.090634	0.033061	0.045263	0.053501	0.049382	0.083231	-0.0015	0.046367
0.077698	0.051411	0.09376	0.047452	0.077904	0.047677	0.027498	0.051983	-0.00367	0.045615
0.122421	0.09464	0.135613	0.051375	0.081556	0.051317	0.012682	0.084188	0.029757	0.052433

0.140881	0.11362	0.152901	0.065045	0.098697	0.073142	0.034959	0.111255	0.038508	0.055348
0.149579	0.152013	0.133684	0.067244	0.143783	0.104241	0.090172	0.115634	0.035897	0.074552
0.176182	0.155019	0.142954	0.128456	0.16268	0.094141	0.126795	0.086973	0.074522	0.095138
0.260444	0.17965	0.214556	0.179658	0.179527	0.072948	0.124017	0.103628	0.144398	0.130281
0.316807	0.252718	0.274066	0.205368	0.20647	0.138484	0.14744	0.175875	0.178803	0.101034
0.300442	0.283084	0.289396	0.211626	0.257345	0.233807	0.215209	0.209317	0.163716	0.113649
0.235065	0.226352	0.288963	0.264431	0.306504	0.296101	0.280955	0.226155	0.22575	0.229378
0.255015	0.23169	0.341681	0.315622	0.311437	0.278773	0.275555	0.265822	0.312569	0.294674
0.341965	0.339847	0.354546	0.289022	0.294619	0.249866	0.297733	0.347971	0.325583	0.254705
0.333323	0.353704	0.33	0.26174	0.313808	0.291359	0.364103	0.365208	0.319358	0.234728
0.221951	0.270294	0.238116	0.229235	0.342489	0.367128	0.388941	0.349293	0.351196	0.325159
0.167537	0.19795	0.246955	0.295887	0.334832	0.356524	0.340217	0.322557	0.359268	0.38185
0.203693	0.197748	0.281663	0.310876	0.28168	0.292001	0.290436	0.307671	0.341039	0.294414
0.258852	0.233164	0.228296	0.216486	0.230167	0.227281	0.306042	0.298907	0.32576	0.24884
0.235372	0.224257	0.199194	0.210655	0.257992	0.274863	0.3347	0.264943	0.316381	0.301924
0.186271	0.202514	0.185283	0.261269	0.308351	0.335281	0.30003	0.251175	0.346513	0.346069
0.153185	0.18704	0.221702	0.249934	0.207569	0.255206	0.241533	0.285179	0.340601	0.359946
0.146138	0.18968	0.179283	0.188732	0.157346	0.188305	0.2762	0.307504	0.292787	0.254942
0.164567	0.188025	0.154283	0.19073	0.212314	0.202792	0.278139	0.230972	0.259259	0.207944
0.190498	0.202157	0.123676	0.229071	0.232799	0.21438	0.200437	0.157571	0.255016	0.207278
0.156589	0.161163	0.135135	0.241749	0.234357	0.226368	0.145572	0.187473	0.284664	0.265671
0.064861	0.134207	0.198691	0.20906	0.171661	0.21919	0.179291	0.226986	0.260562	0.285278
0.040042	0.152104	0.186576	0.163915	0.155598	0.203526	0.25195	0.250852	0.177373	0.233907
0.049349	0.148442	0.143617	0.148768	0.090692	0.185782	0.274024	0.260934	0.217432	0.222106
0.087998	0.155659	0.075029	0.127416	0.051514	0.162752	0.215316	0.221692	0.271496	0.219389
0.106699	0.155659	0.106048	0.15155	0.123292	0.176448	0.114178	0.162949	0.243667	0.208664
0.087978	0.147341	0.136701	0.13477	0.074957	0.126051	0.072966	0.144642	0.17505	0.151581
0.019386	0.127314	0.059127	0.095775	0.062336	0.119716	0.127078	0.161992	0.132944	0.09935
0.024999	0.137904	0.053084	0.13477	0.107581	0.195141	0.132825	0.141099	0.181096	0.164187
0.106657	0.112624	0.098582	0.17454	0.163035	0.209277	0.124169	0.155919	0.198831	0.214683
0.070469	0.096872	0.149209	0.180293	0.152193	0.156969	0.093789	0.225297	0.220242	0.232073
0.077311	0.133185	0.122198	0.102853	0.045498	0.122035	0.116553	0.208918	0.155257	0.211421
0.122142	0.087266	0.017182	0.081859	-0.01347	0.164785	0.187251	0.167255	0.124437	0.155719
0.094136	0.074495	0.022424	0.070553	0.01132	0.185832	0.156811	0.17002	0.144352	0.171548
0.048696	0.042873	0.072467	0.088633	0.068724	0.158171	0.103111	0.182211	0.175349	0.193687
0.033811	0.038134	0.090771	0.090596	0.121654	0.07355	0.081768	0.132578	0.130712	0.199972
0.089131	0.071073	0.087336	0.027817	0.0506	0.062216	0.094921	0.118326	0.121146	0.180634
0.107446	0.087364	0.109349	0.063885	0.067318	0.13219	0.099313	0.147359	0.116811	0.167694
0.076614	0.039288	0.131353	0.082035	0.078468	0.116101	0.076016	0.162685	0.09188	0.185515
0.064899	-0.00881	0.095857	0.069586	0.095749	0.06845	0.07718	0.188843	0.142037	0.187289
0.093391	0.034881	0.050183	0.072474	0.145847	0.084749	0.092439	0.179865	0.174826	0.141703
0.148619	0.110144	0.041576	0.065589	0.138787	0.136818	0.161809	0.124308	0.107246	0.119152
0.148413	0.11	0.137115	0.064708	0.115843	0.052648	0.156415	0.110194	0.092497	0.148806
0.131784	0.0776	0.127455	0.047002	0.103498	0.024611	0.109822	0.121209	0.12811	0.143997
0.08576	0.04282	0.115757	0.115698	0.10994	0.016392	0.118428	0.156202	0.154947	0.120762
0.075031	0.077409	0.088192	0.088653	0.113177	0.094794	0.138894	0.084748	0.117793	0.113264
0.110885	0.114326	0.085473	0.049111	0.15723	0.097147	0.119326	0.001898	0.058288	0.104379

0.134869	0.116767	0.130193	0.093408	0.13825	0.044285	0.140127	0.086612	0.136166	0.104148
0.132575	0.119896	0.142733	0.105952	0.130696	0.070549	0.167989	0.083929	0.144653	0.082063
0.129506	0.130304	0.120411	0.134726	0.050399	0.042057	0.141769	0.06003	0.12291	0.049778
0.168994	0.110288	0.050808	0.129977	0.11844	0.12017	0.089872	0.112575	0.104294	0.076516
0.126177	0.098434	0.110968	0.174781	0.200187	0.167551	0.106193	0.047464	0.125992	0.133995
0.137509	0.190621	0.136353	0.185085	0.171106	0.158195	0.155251	0.053023	0.148526	0.064595
0.107923	0.186573	0.14666	0.178489	0.122559	0.185581	0.167846	0.094678	0.095453	0.063161
0.070069	0.139775	0.095936	0.144539	0.130015	0.179215	0.164769	0.129841	0.099306	0.13494
0.114858	0.116705	0.014954	0.151047	0.141165	0.146547	0.056565	0.085088	0.152315	0.158896
0.104363	0.165869	0.080813	0.174564	0.103581	0.107402	0.014948	0.151537	0.158865	0.155224
0.113635	0.161209	0.119489	0.160773	0.062129	0.076592	-0.03718	0.118694	0.089664	0.073886
0.120064	0.181468	0.165333	0.09014	0.055467	0.094733	0.016449	0.111595	0.051994	0.047581
0.174047	0.152717	0.154351	0.137972	0.089013	0.057527	0.065415	0.076862	0.101446	0.106884
0.15864	0.119749	0.133208	0.165755	0.106292	0.092616	0.056731	0.10142	0.091674	0.117072
0.18972	0.126008	0.136853	0.099249	0.094677	0.110628	0.045465	0.114798	0.014466	0.110126
0.216873	0.16344	0.163684	0.068602	0.102221	0.089783	0.057696	0.119971	0.026454	0.118653
0.239939	0.192162	0.175765	0.080381	0.094778	0.15624	0.114813	0.079106	0.001429	0.068809
0.211484	0.096712	0.187579	0.137884	0.115694	0.084709	0.058142	0.081838	0.04365	0.031936
0.204419	0.130952	0.171921	0.06215	0.106354	0.0424	0.054901	0.055857	0.027534	0.051298
0.220333	0.163649	0.168462	0.058627	0.141728	0.083276	0.055122	0.031962	0.017835	0.079122
0.250258	0.20114	0.138622	0.100895	0.158328	0.107255	0.085554	0.008927	0.053498	0.092884
0.133191	0.13325	0.101304	0.143775	0.107831	0.035083	0.089072	0.050077	0.065506	0.074807
0.090686	0.124984	0.172772	0.122682	0.065632	-0.01092	0.094132	0.141258	0.096969	0.043804
0.173805	0.180425	0.164775	0.040524	0.130147	0.047311	0.118492	0.066539	0.056445	0.074631
0.192363	0.150021	0.093445	0.024271	0.160604	0.130414	0.112384	-0.00924	0.052332	0.061884
0.233508	0.170036	0.066125	0.05409	0.137669	0.174629	0.136416	0.016414	0.054516	0.051261
0.177937	0.180134	0.180221	0.137795	0.071628	0.085508	0.183811	0.098273	0.104823	0.063944
0.125613	0.190745	0.1339	0.126012	0.113726	0.089541	0.090392	0.086491	0.120838	0.067072
0.123196	0.182976	0.094728	0.152351	0.081536	0.116058	0.072716	0.061468	0.111593	0.063294
0.172332	0.17825	0.10245	0.165495	0.054526	0.115908	0.028157	0.101109	0.082782	0.041219
0.199156	0.17006	0.09556	0.135827	0.080498	0.114539	0.073024	0.100756	0.021248	0.006762
0.159459	0.17508	0.053803	0.11709	0.089812	0.136301	0.134129	0.091478	0.015707	0.005573
0.134559	0.144432	0.101626	0.15451	0.052063	0.136413	0.095447	0.087697	0.059203	0.016921
0.131872	0.096473	0.187677	0.15842	0.098636	0.140452	0.034149	0.090403	0.07196	0.092679
0.214901	0.17255	0.211336	0.166677	0.136332	0.133459	0.035258	0.119906	0.127172	0.172603
0.218532	0.209866	0.197462	0.125775	0.112966	0.161728	0.179758	0.174988	0.141437	0.20249
0.183343	0.168242	0.198993	0.177565	0.107186	0.1986	0.193426	0.18467	0.14206	0.203702
0.140164	0.11194	0.15601	0.241299	0.177663	0.156451	0.103482	0.17627	0.116833	0.178961
0.176645	0.100908	0.18638	0.238776	0.205555	0.146501	0.131656	0.206132	0.193003	0.164694
0.248502	0.217687	0.231644	0.196121	0.147625	0.132946	0.185976	0.187853	0.171552	0.093047
0.280508	0.300426	0.238529	0.121016	0.168391	0.19199	0.198045	0.048769	0.082037	0.152425
0.298826	0.199466	0.237209	0.198076	0.2318	0.147651	0.175402	0.097099	0.130038	0.16969
0.292072	0.188914	0.245665	0.194577	0.208672	0.102369	0.209535	0.184746	0.177048	0.128835
0.268461	0.250748	0.244044	0.162037	0.15247	0.087028	0.186376	0.12679	0.152623	0.113092
0.257412	0.245707	0.189149	0.15638	0.153742	0.160895	0.117319	0.052243	0.102477	0.078766
0.199875	0.162555	0.151186	0.109529	0.1838	0.200366	0.178187	0.115527	0.093487	0.090499
0.160677	0.081074	0.13468	0.123904	0.173184	0.096798	0.257298	0.254207	0.144677	0.050111

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

50	51	52	53	54	55	56	57	58	59
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.022766	0.011383	0.005691	0.002846	0.001423	0	0	0	0	0
0.867395	0.989876	1.065965	1.083925	1.439686	2.196106	0.214811	0.107405	0.053703	0.026851
0.326159	0.366906	0.378911	0.380083	0.416173	0.453106	0.487765	0.429621	0.587145	0.813948
0.08079	0.140986	0.193176	0.198809	0.198576	0.213897	0.220487	0.190447	0.231906	0.301962
-0.06428	-0.0063	0.051174	0.129941	0.12805	0.067828	0.122547	0.048206	0.086614	0.131672
-0.06741	-0.08512	-0.02068	0.061934	0.049646	-0.00443	0.014639	-0.03245	-0.00817	0.030592
-0.04865	-0.09888	-0.0276	-0.02255	-0.01531	-0.05426	-0.01396	-0.02397	-0.02475	-0.02689
-0.01264	-0.01401	-0.02157	-0.04881	-0.02033	-0.06891	-0.02676	-0.06884	-0.0683	-0.1061
0.014705	0.061641	-0.0046	-0.05988	-0.05377	-0.07239	-0.07504	-0.1282	-0.08477	-0.12533
0.009178	0.062835	0.034206	-0.03411	-0.06944	-0.09012	-0.11484	-0.15577	-0.10659	-0.10922
0.012578	0.033358	0.023861	-0.05293	-0.08198	-0.09068	-0.1346	-0.15399	-0.15274	-0.12742
-0.03616	-0.00135	-0.05255	-0.09845	-0.10109	-0.10258	-0.15853	-0.1626	-0.15435	-0.15507
-0.09963	-0.05232	-0.11384	-0.15307	-0.108	-0.13549	-0.16102	-0.14637	-0.13893	-0.14797
-0.10781	-0.12009	-0.12873	-0.14746	-0.12559	-0.13005	-0.16816	-0.12297	-0.14171	-0.14457
-0.11383	-0.14258	-0.14033	-0.1263	-0.14709	-0.1092	-0.14125	-0.14434	-0.19118	-0.14105
-0.12023	-0.12792	-0.12537	-0.13547	-0.15362	-0.07535	-0.11035	-0.1472	-0.18191	-0.13921
-0.10768	-0.12377	-0.09389	-0.13241	-0.16102	-0.11268	-0.13943	-0.13215	-0.13962	-0.14329
-0.10531	-0.12905	-0.12224	-0.11738	-0.13215	-0.15852	-0.11513	-0.13252	-0.14608	-0.12937
-0.11498	-0.13117	-0.13715	-0.13907	-0.15366	-0.1706	-0.1213	-0.13647	-0.15011	-0.16015
-0.10345	-0.12066	-0.10343	-0.14128	-0.1572	-0.1519	-0.15307	-0.16774	-0.14515	-0.18438
-0.15189	-0.12664	-0.09878	-0.12921	-0.12916	-0.12851	-0.17217	-0.16216	-0.13891	-0.16806
-0.18727	-0.13835	-0.13139	-0.14671	-0.12891	-0.1387	-0.14264	-0.14086	-0.13893	-0.16731
-0.16867	-0.13917	-0.13043	-0.11671	-0.14941	-0.14516	-0.14902	-0.12875	-0.11286	-0.15309
-0.13222	-0.11528	-0.13953	-0.12229	-0.15274	-0.13352	-0.15146	-0.15164	-0.15692	-0.14617
-0.13088	-0.12264	-0.13691	-0.12251	-0.14647	-0.12403	-0.14756	-0.15565	-0.18548	-0.13105
-0.14052	-0.10816	-0.13423	-0.09786	-0.14806	-0.14269	-0.14361	-0.15057	-0.16301	-0.13938

-0.13914	-0.12983	-0.12887	-0.13491	-0.15277	-0.11849	-0.15952	-0.14015	-0.15436	-0.1553
-0.12716	-0.15584	-0.12766	-0.17428	-0.13943	-0.10597	-0.17271	-0.12303	-0.1559	-0.15938
-0.16564	-0.16836	-0.16838	-0.20213	-0.12312	-0.12926	-0.14139	-0.14137	-0.16813	-0.13927
-0.19085	-0.18664	-0.1701	-0.18073	-0.12483	-0.14672	-0.14978	-0.15792	-0.15864	-0.13873
-0.13959	-0.1677	-0.12902	-0.13287	-0.14121	-0.15172	-0.18547	-0.15875	-0.14856	-0.17676
-0.14017	-0.12944	-0.12474	-0.1298	-0.14949	-0.15795	-0.18071	-0.15086	-0.16813	-0.18067
-0.15813	-0.14531	-0.1345	-0.1431	-0.15005	-0.14989	-0.15143	-0.15986	-0.17178	-0.16827
-0.15279	-0.15289	-0.10825	-0.15532	-0.1503	-0.14723	-0.14591	-0.15591	-0.14713	-0.15327
-0.12219	-0.14366	-0.12105	-0.17774	-0.15201	-0.14521	-0.16561	-0.1587	-0.14437	-0.1397
-0.12203	-0.13776	-0.12804	-0.16886	-0.12878	-0.15127	-0.14164	-0.15053	-0.1277	-0.12727
-0.17595	-0.12216	-0.12936	-0.17866	-0.12022	-0.1352	-0.10237	-0.12876	-0.1268	-0.13426
-0.19059	-0.12212	-0.16284	-0.18282	-0.13944	-0.10864	-0.11711	-0.15321	-0.13611	-0.14044
-0.15002	-0.11283	-0.16431	-0.15141	-0.16838	-0.13816	-0.15853	-0.167	-0.13224	-0.14379
-0.11863	-0.09451	-0.1217	-0.13466	-0.16159	-0.15531	-0.16261	-0.15171	-0.12348	-0.16019
-0.13655	-0.10032	-0.1507	-0.12587	-0.14427	-0.1615	-0.12468	-0.15452	-0.13932	-0.16208
-0.14655	-0.13365	-0.19016	-0.15322	-0.15232	-0.16321	-0.11405	-0.1449	-0.13026	-0.14978
-0.11252	-0.13302	-0.17502	-0.14704	-0.14661	-0.12045	-0.13442	-0.1138	-0.10803	-0.14162
-0.08318	-0.10079	-0.12614	-0.11566	-0.13372	-0.11867	-0.13924	-0.13338	-0.13384	-0.13151
-0.0977	-0.08012	-0.09457	-0.11163	-0.11316	-0.1097	-0.10589	-0.13217	-0.13833	-0.12935
-0.09826	-0.08107	-0.11015	-0.11518	-0.09612	-0.08054	-0.06184	-0.10055	-0.09755	-0.13129
-0.09492	-0.09595	-0.12455	-0.09383	-0.08665	-0.05195	-0.0793	-0.08928	-0.06445	-0.12525
-0.10634	-0.07692	-0.08202	-0.0441	-0.09442	-0.0724	-0.10438	-0.09929	-0.07336	-0.10444
-0.09754	-0.05245	-0.0456	-0.03886	-0.09792	-0.09244	-0.10475	-0.11849	-0.12899	-0.09732
-0.07697	-0.04174	-0.07437	-0.06533	-0.07743	-0.06626	-0.0673	-0.09985	-0.11756	-0.11049
-0.07454	-0.04258	-0.07047	-0.06591	-0.04491	-0.02671	-0.06023	-0.08363	-0.06749	-0.11331
-0.10099	-0.03783	-0.06174	-0.04495	-0.0457	-0.02649	-0.0902	-0.07817	-0.0371	-0.08187
-0.08244	-0.0271	-0.0818	-0.05003	-0.05876	-0.04593	-0.09348	-0.07033	-0.0458	-0.06336
-0.05311	-0.02445	-0.09963	-0.04231	-0.06856	-0.05702	-0.06089	-0.05558	-0.07248	-0.08773
-0.06795	-0.03696	-0.08367	-0.01968	-0.05797	-0.05817	-0.03836	-0.04359	-0.04319	-0.07587
-0.06968	-0.01901	-0.05281	-0.01943	-0.03598	-0.0436	-0.07185	-0.03242	-0.01391	-0.049
-0.06485	-0.01929	-0.05247	-0.01965	-0.06414	-0.04606	-0.08238	-0.03901	-0.0019	-0.03751
-0.06344	-0.02897	-0.04192	-0.03325	-0.09047	-0.05549	-0.05938	-0.03552	-0.00488	-0.04312
-0.05317	-0.01788	-0.07734	-0.02667	-0.08312	-0.04564	-0.02911	-0.01752	-0.02581	-0.0547
-0.07142	-0.0365	-0.09332	0.00213	-0.05083	-0.03791	-0.02685	-0.01942	-0.01185	-0.05285
-0.06738	-0.02007	-0.06055	0.005558	-0.04816	-0.01898	-0.04501	-0.01718	0.017992	-0.01739
-0.02197	0.010517	-0.03832	-0.0182	-0.07422	-0.02501	-0.05911	-0.02091	0.032587	-0.00261
-0.01134	0.006674	-0.04789	-0.03181	-0.02499	0.009485	-0.0396	-0.01313	0.010294	-0.02044
0.012748	0.005313	-0.04085	-0.01491	-0.00879	0.03547	0.005931	-0.01233	-0.0055	-0.05454
0.017186	0.007249	-0.0142	0.010382	-0.02592	0.008961	0.004913	-0.01499	0.007885	-0.05706
-0.01248	0.033498	-0.01233	0.018043	-0.02438	0.010487	-0.01834	-0.00471	0.031352	-0.01576
-0.02081	0.036513	-0.0068	0.020485	-0.0169	0.020884	0.003465	0.015324	0.005505	-0.01334
-0.0085	0.007315	-0.0263	0.023233	-0.04158	0.00731	0.002851	0.001525	-0.0227	-0.03782
-0.01047	-0.03663	-0.02487	0.041029	-0.02464	0.013125	0.005046	-0.02384	-0.01906	-0.05831
-0.0278	-0.03135	-0.02193	0.041532	0.029335	0.030605	-0.00359	-0.016	-0.01989	-0.01388
0.002094	0.020455	-0.00419	0.007082	-0.01997	-0.00549	-0.02505	0.024927	-0.00757	-0.01474
0.019802	0.05841	0.002089	-0.00762	-0.04277	0.006625	-0.01164	0.029387	-0.02085	-0.01378
-0.01483	0.018712	-0.04929	0.027231	0.00138	0.042172	0.002685	-0.00258	-0.0373	-0.00632

-0.01502	-0.00672	-0.03414	0.03329	0.01714	0.033178	-0.01968	-0.02584	-0.024	-0.00418
-0.03691	0.015432	0.004731	0.013589	-0.01313	0.004561	-0.05136	-0.02039	-7.03E-04	0.018378
-0.02153	0.022	-0.00634	0.007647	-0.01864	-0.00661	-0.00956	0.017659	0.009897	-2.97E-04
0.035284	0.031389	-0.00624	0.019612	-0.00549	-0.00484	-3.23E-04	0.031851	1.36E-04	-0.01653
0.042845	-0.00862	-0.0098	0.037258	0.019917	0.019472	-0.01463	0.007642	-0.00488	-0.00474
0.007346	-0.02864	2.22E-04	0.045631	0.034059	0.008584	-0.02925	0.015823	-0.00625	0.017819
-0.01093	-0.00133	0.027692	0.011387	0.001855	-0.03014	-0.05416	0.034086	-0.0399	0.018616
0.008118	-0.01964	0.010857	-0.00422	-0.00906	-0.00814	-0.02207	0.002347	-0.05218	0.003489
0.037634	-0.01423	0.014762	-0.03559	-0.02151	0.031691	0.02172	0.001638	-0.03218	0.005
0.02299	0.013543	0.043089	-0.03287	-0.01667	0.018533	0.005163	0.005507	-0.05877	0.009413
-0.02042	0.011711	0.043362	-0.01373	-7.45E-04	-0.03693	-0.02299	0.031678	-0.0278	0.018293
-0.02115	-0.0048	0.021603	-0.05133	-0.01758	-0.03363	0.007739	0.065182	0.026858	0.002785
-0.01021	-0.03161	-0.01003	-0.0465	0.001068	-0.00451	0.032704	0.015208	0.002227	-0.04809
0.002409	-0.01035	0.019425	-0.01178	0.042007	-0.01047	0.009858	-0.02706	-0.04177	-0.02588
-0.04155	-0.00641	0.049286	-1.29E-04	0.049591	-0.00563	0.018595	-0.00649	-0.00933	0.024872
-0.03037	-0.01542	-0.00179	-0.01713	0.007831	-0.01834	0.030488	0.003252	-0.01838	0.006565
0.03149	-0.00233	-0.03838	-0.03293	-0.00936	-0.03111	-0.00234	-0.05092	-0.03493	-0.03456
-0.01108	-0.0547	-6.02E-04	-0.01818	0.016614	-0.02338	-0.03339	-0.06777	-0.01737	-0.05005
-0.0884	-0.07774	0.040964	-0.02152	0.021373	-0.00724	-0.02063	-0.04319	-0.01704	-0.01178
-0.08056	-0.01356	0.038526	-0.02133	-0.00438	-0.04162	0.006198	-0.01515	0.010592	0.02384
-0.02976	-0.00148	-0.02529	-0.03283	-0.05038	-0.06983	0.010111	0.010741	0.009815	0.024184
0.013751	-0.02694	-0.05438	-0.06374	-0.04835	-0.05004	-0.00971	-0.01642	-0.00702	-0.01626
-0.01767	-0.0239	-0.02268	-0.08905	-0.02433	-0.0223	-0.01823	-0.03095	-0.01541	-0.03567
-0.04568	-0.02083	-0.02229	-0.09711	-0.0224	-0.04125	-0.01257	-0.04081	-0.02603	-0.02092
-0.04345	-0.03723	-0.05345	-0.06219	-0.01827	-0.0582	-0.00484	-0.04629	-0.01977	-0.00672
-0.02916	-0.02445	-0.0592	-0.03721	-0.03234	-0.05685	-0.01181	-0.05675	-0.00222	-0.00927
0.002824	-0.00183	-0.03131	-0.0408	-0.0232	-0.05669	-0.00996	-0.05969	-0.02365	-0.03513
-0.01026	0.017162	0.009945	-0.00303	0.024419	-0.03144	0.002055	-0.06153	-0.04215	-0.0572
-0.03848	0.00715	0.00954	0.033643	0.014803	-0.00979	0.018457	-0.08415	-0.00714	-0.05195
-0.03712	-0.02557	-0.04582	-0.00724	-0.03995	-0.00827	0.041156	-0.03097	0.031769	-0.02241
-0.01316	-0.01927	-0.04275	-0.02733	-0.01734	0.001523	0.036309	-0.00808	0.025588	-0.00203
-0.0139	0.019811	-0.01809	-0.00793	0.016597	0.011474	-0.02733	-0.06162	-0.02296	-0.00505
-0.0409	0.043213	-0.02971	-0.00724	0.006321	-0.02311	-0.03585	-0.07201	-0.03678	-0.00839
-0.02982	0.021252	-0.01603	0.019527	-0.01067	-0.02053	0.020906	-0.01622	0.003578	-0.03351
-0.02308	-0.01445	-0.0311	0.009997	-0.00652	0.01783	0.046149	0.014859	0.03386	-0.06109
-0.02595	0.006592	-0.03802	-0.00341	0.004882	0.037302	0.01844	-9.95E-05	0.015472	-0.04452
-0.02455	0.057135	0.020064	0.026606	0.01433	0.029624	0.013227	-0.00733	0.006389	-0.0177
-0.01161	0.047413	0.02475	0.034137	0.023401	0.027636	0.021287	-0.01185	0.026154	-0.01143
5.88E-04	0.016187	-0.01351	0.014044	0.001118	0.057357	0.025094	-0.00723	0.028581	-0.01333
-0.01914	-0.01304	-0.03048	-0.01041	-0.01728	0.041077	0.007353	0.022586	0.003659	-0.02919
-0.06959	-0.03462	-0.02027	0.014314	-0.0058	-1.16E-04	-0.04821	0.025148	0.002682	0.005592
-0.08708	-0.00646	-0.00775	0.032938	-0.05987	-0.02373	-0.05494	-0.01912	0.013634	0.018904
-0.05534	0.023619	-0.02822	0.015615	-0.09532	-0.02416	-0.03682	-0.02297	0.034577	0.016027
0.00482	0.016859	-0.05198	0.02413	-0.03588	2.69E-04	-0.00785	0.007609	-0.00125	-0.007
0.026447	0.033061	-0.03215	0.025877	-0.01373	0.026902	-0.00649	0.008329	-0.05198	-0.032
0.036735	0.045452	0.00917	0.028764	-0.03616	0.022537	-0.02749	-0.00633	-0.0155	0.005559
0.029385	0.016288	-3.88E-04	0.046812	-0.03405	0.021726	-0.01967	0.021168	-0.00867	0.013688

0.019233	-0.01189	0.005114	0.003841	-0.02895	0.029899	-0.00133	0.042999	-0.02575	-0.0134
0.011543	-0.02598	-0.00491	-0.04478	-0.02467	-0.00724	-0.01981	0.029886	-0.03792	0.018616
-0.00154	0.008269	-0.00922	-0.02685	-0.01827	-0.01542	-0.04022	-0.00317	-0.03783	0.035822
0.017375	0.029239	0.009827	0.011554	-0.02241	0.009813	-0.02366	-0.01921	-0.01802	0.025579
0.032502	0.014411	0.015974	-0.02454	-0.02135	0.023959	-0.00607	0.01659	0.007062	0.018412
0.041047	-0.00976	0.005732	-0.05016	-0.00557	0.035035	0.014128	0.022789	0.006078	0.005559
0.039454	-0.01203	0.011009	5.90E-04	0.003366	0.043926	0.009386	0.017626	-0.01748	-0.00143
0.025047	-0.02179	0.012499	0.028991	0.029003	0.022013	-0.02611	0.01589	0.002032	0.018718
0.032644	-0.0051	0.022678	0.039184	0.018688	0.020766	-0.02556	0.009459	0.006406	0.041635
0.067796	0.04001	0.054338	0.007265	-0.00586	0.04113	0.008865	0.036559	8.00E-04	0.042441
0.075793	0.027306	0.023844	-0.0234	0.015428	0.051375	0.030347	0.041336	-0.0367	0.034412
0.038913	0.008649	0.006016	-0.00319	0.040248	0.035	0.043354	0.036768	-0.04744	0.005576
0.024681	-2.50E-04	0.047738	0.021736	0.03489	-0.00438	0.006901	0.026187	-0.00999	-7.68E-04
0.038462	-0.00374	0.040403	0.020125	0.037285	0.004674	-0.00489	0.012539	-0.02767	0.009314
0.046942	-0.00464	0.008379	-0.01788	0.045801	0.048495	0.018457	0.018663	-0.03096	-0.00986
2.25E-04	-0.00632	-0.00334	-0.03554	0.012831	0.056279	0.029676	0.016757	-0.02735	-0.00181
-0.00793	-0.00339	0.020703	-0.03551	0.001756	0.016412	0.022691	-0.01861	-0.01572	0.031185
0.021359	-0.02194	0.015478	0.009329	0.040338	0.016645	0.009589	-0.00944	0.028961	0.037467
0.030303	-0.03757	0.01172	0.010449	0.047364	0.009026	0.026564	0.034868	0.055663	0.037627
3.24E-04	-0.00718	0.027481	-0.01636	0.050323	-0.0039	0.018922	0.045381	0.029895	0.049435
-0.01784	0.007759	0.021343	-0.006	0.065623	-0.01502	0.020077	0.036803	-0.00916	0.038088
-0.01256	0.003679	0.021586	0.002295	0.051921	-0.01339	0.042772	0.027981	0.007506	-0.002
0.008825	0.016523	0.044274	0.020399	0.054542	0.026083	0.03242	-9.95E-05	0.003773	-0.01906
0.008892	0.012909	0.027832	-0.01384	0.061521	0.01783	0.029817	-0.00722	-0.00779	0.00523
-0.01122	-0.01125	-0.03275	-0.05998	0.055302	0.008257	0.036721	0.012341	-0.00855	0.024029
0.011577	-0.02014	-0.03289	-0.0263	0.032156	-0.00606	0.007873	-0.01241	-0.00273	0.026891
0.012374	0.001272	-0.01316	0.008179	0.022592	-0.00816	-0.0084	-0.02062	0.016445	0.001347
0.009752	0.012543	-0.01254	-0.01925	0.024851	-0.00228	0.037259	-0.00933	0.008	-0.01752
-0.01688	0.010384	-0.01322	0.002262	0.024333	-0.04573	0.040739	-0.01589	-0.00668	-0.01713
-0.04023	-0.02126	-0.01409	0.029778	0.00604	-0.06913	0.011903	-0.04538	-0.02147	-0.02828
-0.03819	-0.02954	0.001097	0.006369	-0.00879	-0.04487	0.007052	-0.0393	-0.01732	-0.01943
-0.0338	0.011396	0.030795	0.003758	0.002905	-0.05045	0.014571	-0.01197	0.012335	-0.01614
-0.02308	0.030382	0.027428	0.0108	0.010483	-0.02623	0.039095	-0.01403	-0.00448	-0.04469
-0.01516	0.028893	-0.00717	0.018367	0.009664	0.002894	0.051386	-0.02117	-0.00257	-0.04775
-0.03604	0.025639	-0.02155	0.020707	0.018263	0.021962	0.00836	-0.03107	0.046393	0.013772
-0.07059	0.037975	-0.00964	0.022854	-0.03104	-0.00385	-0.02643	-0.03073	0.042116	0.029163
-0.03952	0.03453	-0.00817	0.007099	-0.0383	-0.01114	-0.00318	9.29E-04	0.019409	-0.02878
-0.01562	0.012177	-0.04566	0.031109	0.021133	0.043784	0.027125	0.012407	0.017285	-0.03966
-0.03715	-0.00895	-0.05762	0.03248	0.038853	0.05712	0.002519	-0.03369	0.03236	-0.01274
-0.02673	0.008863	-0.01654	0.007116	-0.01435	0.034652	-0.03605	-0.04895	0.044097	0.014024
-0.00375	0.03727	0.00801	-0.01079	-0.04648	0.007636	-0.04716	-0.04442	0.004671	0.009613
0.003272	0.046279	-0.01029	-0.00782	-0.06706	-4.21E-04	-0.03072	-0.01651	-0.0213	-0.02089
-0.00737	-0.0021	-0.01452	0.00793	-0.06608	0.008339	-0.00616	-0.00627	-0.01289	-0.04836
-0.01424	-0.02091	-0.02751	-0.00445	-0.04913	0.01778	-0.04239	-0.01394	0.001367	-0.03298
-0.0292	0.005444	-0.00992	0.017125	-0.01495	0.020547	-0.03945	-0.00568	0.018143	-0.00449
-0.01646	0.017565	0.011703	0.052083	0.00551	0.027517	-0.0095	1.89E-04	0.002292	-0.0041
-0.01018	-0.02021	0.004032	0.057605	-0.00839	0.012315	-0.01684	-0.00897	-0.01195	-0.01312

-0.01124	-0.01345	0.017242	0.056153	-0.0036	0.002781	-0.03148	-0.00263	0.005128	-0.02833
0.010799	0.03205	0.014983	0.017618	-0.01018	0.004091	-0.03325	0.021826	0.019003	-0.03018
0.02995	0.011595	-0.00637	-0.00356	-0.01995	0.003524	-0.03105	0.018663	-0.00369	-0.00871
0.027922	-0.00735	0.013654	0.011118	-0.01078	0.041836	-0.01223	0.017341	-0.03734	-0.01164
-0.01032	-0.01935	0.052958	0.054279	0.014836	0.079751	0.008512	0.029852	-0.0243	-0.00273
-0.00811	-0.0236	0.042253	0.03797	0.016004	0.048262	-0.03336	0.030833	0.006636	0.011212
0.057074	-0.00875	0.002487	-0.02617	-0.01508	-0.01653	-0.04288	0.038677	0.025519	0.028104
0.086832	0.007117	0.004082	-0.00333	-0.01051	-0.01681	-0.00615	0.019133	-0.00397	0.014343
0.035159	0.02593	0.05389	0.030618	-0.01312	-0.01064	-0.017	0.003916	-0.03463	-0.02049
-0.02581	0.004136	0.060395	0.006585	-0.03443	-0.03643	-0.05375	0.027262	-0.0196	-0.02109
-0.01592	-0.02698	0.031061	-0.01589	-0.01093	-0.00579	-0.03101	0.032387	-0.02144	9.23E-04
0.02148	-0.03074	0.017053	-0.02088	-9.07E-04	0.044904	0.015731	0.016557	-0.01999	0.023686
-0.01276	-0.01817	0.052065	0.002459	0.018501	0.05945	0.010601	-0.00205	-0.01661	0.004408
-0.06724	0.006575	0.079092	0.031442	0.046491	0.046544	2.70E-04	0.006418	-0.02856	0.005444
-0.02711	0.024388	0.051656	0.013808	0.03989	0.004269	0.002718	0.04826	0.002406	0.050475
0.01982	-7.99E-04	0.008648	-0.0173	0.011772	-0.02564	-0.01058	0.048152	0.011952	0.057378
0.02972	-0.00127	0.028589	0.001065	0.015987	-0.02482	-0.01965	0.001638	-0.017	0.013789
-0.00772	0.008385	0.045169	0.005194	0.015936	-0.00975	-0.03835	-0.00109	-0.01538	0.013554
-0.03534	0.001483	-0.0296	-0.04218	0.012763	-0.02775	-0.02925	0.039732	0.015506	0.04586
-0.01749	0.001726	-0.05861	-0.0534	0.020687	-0.02149	8.15E-04	0.059529	0.047437	0.04142
0.007682	0.004087	0.021378	-0.00778	0.021476	-0.02653	0.024518	0.029027	0.022683	0.008451
0.002276	0.028651	0.087257	0.025738	0.024229	-0.04888	0.004163	-0.00681	-6.71E-04	-0.0119
-0.01441	0.046207	0.062389	0.002541	0.036663	-0.04271	-1.91E-04	-0.00108	-0.00601	0.009181
-0.01106	0.019236	0.008682	-0.00977	0.002873	-0.03761	0.010584	0.036279	0.027409	0.060376
0.003654	0.017279	0.013876	-0.00988	-0.00665	-0.01953	0.011548	0.067858	0.075165	0.070738
-0.00717	0.034827	0.049508	-0.01362	0.030874	0.007228	0.005113	0.008492	0.038268	0.024287
-0.01467	0.055295	0.085006	0.014905	0.026879	-0.01508	-3.56E-04	-0.01789	-0.00225	0.004589
-0.02045	0.075579	0.065426	0.021685	0.02563	-0.04127	0.028231	0.035007	0.019308	0.017632
-0.00396	0.073333	0.027744	0.020656	0.035899	-0.01131	0.048778	0.036419	0.032552	0.038319
0.021082	0.040861	0.023443	-0.0087	0.024989	0.017029	0.062834	-0.01	0.021357	0.032217
-0.01553	0.002815	0.020547	-0.01694	0.018194	0.030071	0.071452	-0.00159	0.029428	0.031919
-0.01414	0.013093	0.002819	0.017686	0.020567	-0.01659	0.042481	0.008181	0.039878	0.029302
-0.01002	0.032869	-0.02348	0.019322	-0.0019	-0.03416	0.036649	-8.37E-04	0.033389	0.011712
-0.00796	0.031737	-0.0113	7.70E-04	0.010717	-4.85E-04	0.055375	0.026119	0.032482	-0.02853
-0.00955	0.049892	-0.0149	0.002245	0.021561	-0.01242	0.027897	0.021219	0.021187	-0.03868
-0.03619	0.066721	-0.01937	5.90E-04	0.014583	-0.02065	-0.01468	-0.04951	5.08E-04	-0.0165
-0.05394	0.045613	-0.03906	-0.01608	-0.00482	-0.01194	0.002105	-0.0463	0.036419	-0.01542
-0.07372	-0.00288	-0.0376	0.014196	-0.0131	-0.00357	0.028548	0.001928	0.076724	-0.01197
-0.08516	-0.00264	-0.01178	0.023371	0.007018	0.006869	0.008092	0.002719	0.045836	-0.02058
-0.05982	0.04143	-0.00359	0.032779	0.008997	-0.02129	-0.03811	-0.0296	-0.00146	-0.01963
-0.02656	0.06276	0.030123	0.049732	0.005295	-0.02563	-0.01437	-0.02062	0.02095	0.002294
-0.01803	0.052785	0.015666	0.026901	0.004371	0.009994	0.033469	0.025097	0.060058	-0.00796
-0.00881	0.008302	-0.03376	-0.01971	-0.02076	0.012993	0.05487	0.058683	0.041173	-0.03565
-0.03188	0.003907	-0.03523	-0.01803	-0.03723	0.013241	0.026932	0.045238	0.037563	-0.00192
-0.02097	0.022085	-0.02823	0.012881	-0.01362	-0.00649	0.014281	0.030471	0.057172	0.022845
0.021186	0.024422	-0.0149	0.049989	0.002643	-0.00902	0.030612	0.040348	0.062515	0.026494
0.012917	0.002343	-0.02009	0.023664	-0.0112	0.036254	0.017255	0.042751	0.066942	-0.01219

-0.04803	8.99E-04	-0.04142	-0.00367	-0.0447	0.034218	-0.01061	0.034433	0.034	-0.02529
-0.02646	0.045344	-0.03463	0.012814	-0.06133	0.016128	-0.02549	-0.00213	-0.01776	0.007805
0.01462	0.055239	-0.00948	0.040778	-0.03877	0.010487	-0.03284	-0.01221	-0.03197	0.005378
-0.00974	0.007891	-0.00517	0.042846	-0.01687	0.013472	-0.00985	0.01614	-0.0132	-0.02125
-0.00224	-0.02815	-0.03469	-0.02499	-0.04063	0.010569	-0.00341	0.010363	-0.01945	-0.02256
-0.00437	-0.00834	-0.03011	-0.03966	-0.0639	0.003799	-0.03569	-0.00533	-0.04816	0.013688
-0.00491	0.029827	0.012924	0.021153	-0.01473	0.019774	-0.03447	6.23E-04	-0.01543	0.022006
0.01674	0.023875	0.003516	0.0533	0.017684	0.018098	-0.00749	0.027947	0.026979	0.025975
0.025799	5.75E-04	0.004431	0.020211	-0.00465	0.014102	-0.00953	0.057343	0.027512	0.016516
-0.00352	-0.04757	0.007305	0.001081	0.011337	0.034878	0.017615	0.062078	-0.00911	0.004457
0.013887	-0.01367	0.0288	0.045304	0.032825	0.035766	-0.0038	0.033236	-0.01661	0.030661
0.049874	0.036038	0.050951	0.053725	0.011202	0.010717	-0.03351	0.026204	-0.00835	0.022348
0.026728	-2.34E-04	0.009844	0.034438	-0.01296	0.030381	-0.0142	0.031989	-0.02369	-0.01457
0.015371	-0.03203	0.00199	0.014381	-0.03355	0.022418	0.011209	0.045666	-0.00584	-0.0147
0.025292	-0.00475	0.010282	-1.29E-04	-0.05109	-6.13E-04	0.00548	0.036768	0.001286	0.031622
0.003605	-0.00445	-0.01464	-0.00434	-0.02128	0.007473	0.007353	0.007479	0.013817	0.070183
0.021324	-0.00517	-0.02243	-0.00119	-0.01811	0.010536	0.008814	0.014842	-0.00993	0.052892
0.053235	0.018932	0.001427	0.001474	-0.02174	0.015912	-0.03582	0.012109	-0.0492	0.005856
0.02299	-0.00864	0.016847	0.016378	0.011705	0.034218	-0.02707	0.032854	-0.01583	0.007193
-0.01746	-0.02873	0.028994	0.040778	0.022833	0.028921	-0.01801	0.019267	-0.00296	0.027064
-0.02045	-0.03213	0.039427	0.034756	0.007632	-0.00261	-0.01402	-0.00312	-0.03498	0.023034
-0.00517	-0.0354	0.010215	0.017652	-0.02092	-0.00363	-0.00909	0.010807	-0.04933	0.020811
-0.00236	-0.04042	-0.01207	-0.00945	-0.01689	0.008764	0.004413	0.039644	-0.02452	0.015251
-0.02283	-0.0566	-0.01386	-0.03556	0.006354	0.02085	0.032083	0.057838	-0.01349	0.023394
-0.04078	-0.04101	-0.01056	-0.04971	-0.00911	-0.01075	0.01343	8.16E-04	-0.02154	0.046276
-0.00355	-0.01139	0.01755	-0.03733	-0.02635	-0.04013	-0.03239	-0.02978	-0.03031	0.022058
0.03758	0.01401	0.045828	-0.01351	-0.02065	-0.00978	-0.03088	0.010379	0.002146	0.011362
0.022799	-0.00128	0.055067	-0.0282	-0.00931	0.027961	0.004963	0.043584	0.025931	0.019397
0.012968	-0.0041	0.041164	-0.02587	-0.00978	0.035505	0.023543	0.01206	-0.03838	-0.00983
0.00422	-0.01008	0.027323	-0.0209	0.001953	0.009846	0.00538	-0.0334	-0.08146	-0.03661
0.010663	-0.02343	0.014693	0.004401	0.007267	-0.02206	-0.0134	-0.02209	-0.04309	-0.00516
0.0137	-0.00789	0.029188	0.020759	-6.96E-04	-0.03465	-0.03561	0.005946	0.012069	0.025889
-0.0068	-0.018	0.028765	-0.00213	0.015496	-0.01615	-0.01796	0.041159	0.018818	0.015268
-0.00646	-0.03487	-0.00533	-0.02516	0.027504	0.023637	0.047416	0.034503	-0.01957	0.024752
-0.00546	-0.04477	-0.00714	-0.02786	0.029632	0.003023	0.031533	0.004127	-0.01209	0.03855
0.020563	-0.01595	0.026008	-0.01341	0.008014	-0.0298	-0.02761	-0.00201	-0.0225	0.004424
0.055572	0.051218	0.040584	-0.03008	-0.01342	-0.01339	-0.03889	-0.01566	-0.03912	-0.02363
0.03609	0.026274	0.015666	-0.03886	-0.00326	0.014085	0.003947	0.001944	-0.015	-0.00941
0.00158	-0.00881	0.008413	-0.02343	0.02902	0.015895	0.039312	0.004581	-0.0102	0.003145
0.014057	-0.02528	0.023165	-0.01568	0.023229	-0.02108	-0.00917	-0.0342	-0.03061	0.013336
0.039219	-0.0167	0.040186	0.002672	0.010583	-0.03855	-0.03458	-0.04635	-0.02664	-0.00815
0.043811	0.010368	0.036244	1.00E-04	0.028183	-0.00504	0.003714	-0.01241	-0.00587	-0.02518
1.76E-04	-0.00464	-0.02086	-0.03684	-0.00799	0.011161	0.0241	-0.0046	-0.01369	-0.02527
-0.00101	-0.01907	-0.0428	-0.05423	-0.02731	-0.02029	-0.00581	-0.04502	-0.02711	-0.02112
0.028662	-0.00595	0.009355	-0.01754	-0.00927	-0.03951	-0.01693	-0.0638	-0.03192	-0.0135
0.037472	0.013426	0.053666	-0.01396	-0.0117	-0.04787	0.012938	-0.03742	-0.01029	-0.02747
0.01134	0.02263	0.031309	-0.01903	0.023212	-0.01339	0.045966	-0.01647	-0.02102	-0.04311

-0.01052	-0.01621	0.011009	0.018299	0.040553	7.64E-05	0.020681	-0.03878	-0.01564	-0.02418
-0.01592	-0.03387	0.017019	0.020331	0.017769	-0.03962	-0.00905	-0.04906	0.026394	0.013621
-0.01393	0.015315	0.020807	-0.00595	0.005775	-0.045	2.37E-04	-0.05353	0.025691	-0.00771
0.004604	0.040719	0.037123	-6.51E-04	0.021064	-0.01337	0.034182	-0.01619	0.01973	-0.01681
0.003771	0.041769	0.036047	0.039291	0.060601	0.039792	0.073341	0.023636	0.014485	0.011863
-0.04089	0.004642	0.010536	0.053447	0.066288	0.029659	0.06643	0.012655	0.014535	0.001527
-0.04089	0.001986	0.011178	0.050832	0.030629	0.019707	0.033006	0.004402	0.019933	-0.02443
0.009819	0.02734	0.035993	0.04085	-0.00419	0.015879	0.031692	0.006141	0.023382	-0.03361
0.048249	0.044376	0.020582	0.010164	0.002807	0.015845	0.058437	0.029199	0.026085	-0.01262
0.019733	0.049819	-0.01938	0.008629	0.042277	0.042101	0.052575	0.02559	0.058187	0.041027
-0.02528	0.02784	-0.04898	0.012696	0.017174	0.036097	0.034967	0.01868	0.08873	0.06706
-0.05222	0.010882	-0.04761	-0.00285	-0.01867	-0.01031	0.021616	0.027827	0.061247	0.024683
-0.07046	0.013076	-0.03695	-0.01311	-0.01579	-0.0211	0.020267	0.030024	0.023194	-0.01553
-0.03284	0.021507	-0.03716	-0.00589	0.005477	0.013919	0.023439	-0.00525	0.013934	-0.02231
0.001481	0.027375	-0.02897	0.00803	0.015428	0.035226	0.028812	-0.01261	0.036577	-0.00921
-0.02455	0.004904	-0.00955	0.019015	-0.02058	0.023366	0.011023	0.030764	0.053354	-0.02364
-0.03964	0.01765	0.018926	0.01704	-0.03863	-0.00571	0.002552	0.022874	0.024697	-0.01118
-0.05917	0.034249	-0.01479	-0.00608	-0.01438	0.019589	0.007404	0.010511	-0.02464	-0.00766
-0.0466	0.026119	-0.03929	-0.0049	-0.01729	0.023552	0.008176	-1.64E-04	-0.02127	-0.0205
-0.01433	-0.00913	-0.01228	0.022837	-0.01635	0.005518	-0.00582	-0.00915	0.02734	0.011045
-0.04923	-0.03259	-0.01485	0.003396	-0.0093	-0.00861	-0.05486	-0.03034	0.051367	0.036812
-0.04789	-0.01016	-0.04808	-0.04573	-0.05242	-0.04079	-0.08879	-0.04248	0.007128	0.004161
-0.0029	0.013309	-0.05144	-0.03561	-0.09038	-0.06266	-0.06989	-0.04097	-0.04409	-0.03397
0.011255	0.010948	-0.01515	0.010834	-0.05575	-0.04147	-0.06646	-0.05438	-0.04335	-0.03336
-0.00842	-0.0248	-0.02541	0.022854	-0.01304	0.001684	-0.0623	-0.01796	-0.02329	-0.07132
-0.03684	-0.02602	-0.02099	0.008179	-0.05588	-0.01365	-0.0519	0.002025	-0.00808	-0.05211
-0.02911	0.010119	-0.00467	-0.00395	-0.06653	-0.02385	-0.06834	-0.00513	-0.01488	-0.01378
0.005104	0.039124	-0.01501	0.003215	-0.02698	0.012068	-0.04917	-0.02461	-0.06812	-0.03761
-0.01308	0.007989	-0.03316	0.01789	6.27E-04	0.027893	-0.06796	-0.03164	-0.11009	-0.05766
-0.03327	-0.05033	-0.03751	0.017958	0.004915	2.05E-04	-0.09517	-0.03004	-0.07751	-0.03426
-0.05354	-0.04142	-0.02162	-0.00422	-0.03893	-0.03934	-0.07401	-0.0357	-0.02452	0.016077
-0.03185	0.013159	-0.0262	-0.03649	-0.08063	-0.04521	-0.05997	-0.02863	-0.03042	0.001086
0.021238	0.021609	-0.04308	-0.0388	-0.05749	-0.03761	-0.07067	-0.03216	-0.04796	-0.03366
9.19E-04	-0.02254	-0.04249	-0.00142	-0.0203	-0.01778	-0.0804	-0.02755	-0.05447	-0.01053
-0.03333	-0.05375	-0.03102	0.004797	-0.02762	0.017463	-0.06557	0.006337	-0.00646	0.033392
-0.05816	-0.03347	-0.03125	-0.0233	-0.0379	0.029487	-0.0282	0.022789	0.008857	0.027566
-0.08021	-0.00848	-0.05864	-0.05246	-0.05574	0.016995	-0.01504	0.008542	-0.03171	-0.01034
-0.07498	-0.0359	-0.0687	-0.04638	-0.04157	0.013406	-0.03805	-0.00239	-0.02499	-0.01389
-0.04294	-0.04422	-0.02578	-0.01195	-0.00438	0.047599	-0.02542	0.0244	-0.01422	0.008484
-0.02795	-0.02615	-0.00668	-0.01026	-0.0077	0.021507	-0.0071	0.045719	-0.02043	0.017616
-0.05282	-0.02329	-0.01412	-0.01165	-0.02216	-0.00879	-0.01056	0.008689	-0.03366	0.00151
-0.05774	-0.00609	-0.02093	-0.01114	-0.0319	0.00162	-0.01668	-0.01233	-0.04205	-0.0391
-0.0178	-0.00294	-0.01084	-0.00618	-0.05571	0.004091	-0.02461	0.010725	-0.03887	-0.03752
0.003921	-0.03525	0.004115	-0.00775	-0.06629	0.014649	-0.02522	0.008002	-0.05534	-0.01709
-0.02461	-0.04607	-3.22E-04	-0.01108	-0.03911	-0.01646	-0.05318	-0.02196	-0.06326	-0.02207
-0.01224	-0.04154	0.006434	-0.01666	-0.03702	-0.05579	-0.07252	-0.03952	-0.04738	-0.03553
0.01251	-0.0224	0.010502	-0.02402	-0.03735	-0.01898	-0.03575	-0.01968	-0.04542	-0.04261

0.015303	-0.01115	-0.00383	-0.02537	-0.02707	0.013092	-0.0173	-0.01412	-0.0438	-0.00927
0.015337	-0.02338	-0.00231	-0.02916	-0.04627	-0.0207	-0.05225	-0.00734	-0.01388	0.025199
-0.01019	-0.01922	0.010553	-0.02307	-0.02901	-0.02617	-0.05311	-0.0153	-0.008	0.02748
0.006408	-0.00502	0.012669	-0.02693	-0.04793	-0.03014	-0.01974	-0.0197	-0.02374	0.026234
0.008001	-0.004	0.004215	-0.0421	-0.08219	-0.02139	-0.0172	-0.00306	-0.02806	0.024924
-0.02268	-0.01791	-0.00333	-0.04576	-0.08308	-0.01843	-0.04016	0.011285	-0.0254	0.044633
-0.01947	-0.03523	-0.01056	-0.0363	-0.05306	-0.02302	-0.04902	0.030419	-0.00544	0.072003
-0.0277	-0.03748	-0.0018	-0.02965	-0.01053	-0.03341	-0.01426	0.048421	0.028219	0.080608
-0.01881	-0.02856	0.011093	-0.0381	-0.01707	-0.0379	0.011108	0.04914	0.042169	0.037928
0.003339	-0.03116	0.009406	-0.04656	-0.01838	0.008143	0.024187	0.001621	-0.0234	0.02639
-0.01481	-0.05897	-0.00396	-0.0306	0.008131	0.047205	0.029747	0.016007	-0.01625	0.063564
-0.01495	-0.03866	0.01755	0.012411	0.050434	0.022334	0.033291	0.088954	0.069267	0.078421
0.021844	0.025296	0.052009	0.012024	0.053433	0.031656	0.070133	0.103318	0.099611	0.063056
0.046575	0.052585	0.057977	-0.01273	0.033882	0.032416	0.09797	0.058389	0.03744	0.027064
0.047254	0.039513	0.032639	-0.02334	0.040965	0.001266	0.079433	0.026119	0.006389	0.029337
0.01944	0.013743	0.02836	-0.01995	0.056249	0.01215	0.078148	0.045113	0.061117	0.047472
-0.00668	0.019608	0.050303	0.023836	0.047837	0.041254	0.116406	0.082364	0.116059	0.045716
0.013376	0.071785	0.049877	0.057847	0.063029	0.08491	0.096033	0.080698	0.123427	0.05453
0.038913	0.081177	0.035617	0.041892	0.08223	0.099673	0.076887	0.043016	0.067678	0.052874
0.017427	0.06291	0.016333	0.023767	0.066516	0.061941	0.104441	0.037678	0.057043	0.040116
-0.01859	0.055386	0.035242	0.059399	0.052437	0.02738	0.117053	0.060617	0.085668	0.030574
6.21E-04	0.059002	0.031734	0.08636	0.030489	-1.64E-04	0.089827	0.052261	0.082862	0.033199
0.036412	0.059503	0.022227	0.066212	0.032156	0.021204	0.040667	0.024485	0.062141	0.026839
0.046905	0.075772	0.042216	0.055002	0.036858	0.076773	0.049387	0.061967	0.079316	0.051334
0.039436	0.082935	0.041182	0.078384	0.049225	0.099754	0.109607	0.087754	0.108192	0.082118
0.053403	0.101103	0.082347	0.098914	0.058765	0.117893	0.133727	0.075509	0.117328	0.06921
0.084641	0.101512	0.095086	0.05142	0.051131	0.122273	0.099812	0.073583	0.089822	0.046819
0.053907	0.074887	0.042325	0.014685	0.08899	0.118251	0.069301	0.092893	0.071815	0.048543
0.037059	0.100186	0.041381	0.064939	0.070281	0.092031	0.068683	0.071704	0.079064	0.067649
0.058525	0.10997	0.091551	0.110322	0.002692	0.09931	0.068683	0.055789	0.103552	0.079494
0.081944	0.095385	0.127032	0.119085	0.030454	0.137527	0.067699	0.093371	0.062925	0.04058
0.094739	0.06276	0.083725	0.08465	0.067087	0.134652	0.073946	0.120518	0.02492	0.034306
0.06967	0.011479	0.058505	0.062953	0.051719	0.098826	0.045472	0.085187	0.03917	0.052892
0.072156	0.010583	0.093672	0.093411	0.08793	0.094477	0.020751	0.062059	0.058687	0.077799
0.101396	0.077895	0.11308	0.102559	0.111065	0.114351	0.035467	0.094567	0.058021	0.093079
0.07597	0.097809	0.122615	0.066098	0.085716	0.094557	0.051498	0.102483	0.064366	0.099983
0.044706	0.038876	0.091469	0.084392	0.104328	0.071785	0.068876	0.101996	0.102998	0.135475
0.042936	0.024833	0.071777	0.107531	0.132568	0.059321	0.062092	0.113539	0.12692	0.130792
0.091123	0.090876	0.113015	0.062839	0.123231	0.092984	0.085892	0.092178	0.077381	0.089148
0.143309	0.133269	0.131315	0.050557	0.122668	0.129174	0.123773	0.104174	0.040073	0.100024
0.107458	0.106608	0.104042	0.068367	0.133322	0.112413	0.140643	0.12731	0.082999	0.135786
0.069012	0.083856	0.122681	0.097051	0.117437	0.057412	0.125904	0.090632	0.11737	0.14039
0.07446	0.074983	0.13335	0.096806	0.092249	0.037354	0.108125	0.084348	0.110271	0.097351
0.07958	0.092654	0.123315	0.074179	0.101906	0.077655	0.133682	0.075891	0.102016	0.068714
0.087759	0.116138	0.11911	0.084115	0.118294	0.104545	0.151603	0.075012	0.112003	0.117633
0.068162	0.10814	0.080201	0.08934	0.104204	0.110712	0.12962	0.024179	0.105402	0.153896
0.046428	0.086256	0.070263	0.100105	0.086871	0.090249	0.089482	0.011417	0.083253	0.130594

0.076717	0.099473	0.09865	0.118785	0.111867	0.091674	0.124189	0.112602	0.090001	0.055342
0.097827	0.099962	0.07034	0.073308	0.114388	0.081761	0.148831	0.110319	0.079316	0.028347
0.092223	0.087639	0.028941	0.046794	0.059363	0.044263	0.13071	0.076082	0.102855	0.077118
0.05486	0.083798	0.071233	0.0806	0.025942	0.056863	0.077951	0.072121	0.119196	0.077332
-0.01195	0.095567	0.082866	0.096032	0.02667	0.06233	0.060289	0.099667	0.10497	0.075432
-0.02156	0.094942	0.04015	0.087318	0.037979	0.06183	0.091411	0.14102	0.065361	0.035592
0.061062	0.093737	0.048511	0.109712	0.078282	0.120702	0.074416	0.118067	0.072655	-0.00505
0.110064	0.081684	0.096586	0.136913	0.124251	0.138453	0.032846	0.103338	0.133991	0.02703
0.081625	0.082798	0.118395	0.083006	0.083712	0.113204	0.04199	0.114834	0.118813	0.079494
0.080651	0.084897	0.100932	0.054446	0.063463	0.123252	0.101557	0.093391	0.0416	0.09137
0.099815	0.065347	0.090067	0.058464	0.061333	0.105628	0.062472	0.032093	0.005227	0.034341
0.094842	0.050836	0.102182	0.02508	0.029003	0.06903	-0.00795	0.030936	0.023007	0.040741
0.054711	0.055791	0.108908	0.019698	0.037125	0.050851	0.025706	0.101488	0.05308	0.085669
0.051932	0.05603	0.086411	0.045033	0.068844	0.044512	0.053134	0.098779	0.041582	0.070967
0.092468	0.05708	0.074743	0.062953	0.092289	0.064279	0.048963	0.057948	0.046915	0.048089
0.111021	0.076215	0.09737	0.078384	0.117651	0.077923	0.047214	0.046362	0.041493	0.010861
0.056004	0.068706	0.106816	0.084452	0.104287	0.048028	0.03647	0.026272	0.011205	0.040634
-0.00462	0.061454	0.071136	0.059567	0.032789	0.012629	0.06549	0.010429	0.0171	0.078733
0.032466	0.0578	0.013348	9.99E-04	-0.0424	-0.02626	0.064705	0.037766	0.058761	0.041635
0.053496	0.049873	0.013127	-0.00857	-0.03133	-0.03719	0.032989	0.035634	0.071834	0.008534
0.003339	0.052129	0.003367	0.016412	0.015885	0.006788	0.027353	0.010067	0.037369	-0.00827
0.0171	0.080671	-0.00611	0.016751	0.007184	0.0056	0.049554	0.003074	0.035383	-0.00373
0.031259	0.077508	0.017636	0.031425	-0.00933	-0.01693	0.056856	9.77E-04	0.037211	-0.00263
0.037472	0.04547	0.003433	0.030548	-0.00441	0.005762	0.017598	-0.02391	0.007654	-0.04079
0.020891	0.035722	0.009979	0.048689	-0.02816	-0.00244	-0.00225	-0.02199	-0.01689	-0.02798
0.005739	0.049619	0.015376	0.035872	-0.04116	-0.00937	0.01253	-7.09E-04	0.020289	0.025786
0.031987	0.061268	0.030335	0.034473	-0.03089	0.0354	0.03536	0.02474	0.056583	-0.00624
0.060151	0.026188	0.031326	0.042378	-0.00981	0.043571	0.037008	0.027878	0.009451	-0.04494
0.045804	-0.00864	-0.00473	0.042396	0.025543	0.045883	0.008478	0.05793	0.004867	-0.02784
0.031082	3.32E-04	0.01084	0.044074	0.034819	0.023433	-0.02508	0.061449	0.039594	0.03621
0.027958	0.017549	0.060831	0.053115	0.011739	0.023569	-0.01956	0.051375	0.010824	0.035575
0.03064	0.036794	0.073335	0.019544	0.015868	0.06374	0.019128	0.059124	-0.02142	0.009031
0.047659	0.021337	0.033956	-0.01198	-0.00313	0.022114	0.033558	0.059456	-0.0163	0.012114
-0.00175	-0.03749	0.005131	0.002081	0.002544	0.003201	0.034485	0.055278	0.033686	0.033445
-0.00359	-0.04355	0.018667	0.036405	0.066421	0.04776	0.021962	0.047579	0.059576	0.043194
0.04895	0.004299	0.038832	0.031162	0.0278	0.036516	0.024135	0.041071	0.001075	0.035081
0.025607	0.002539	0.01255	-0.04296	-0.01328	0.035801	0.047012	0.043389	0.002455	0.055748
-0.00408	-0.00531	-0.0053	-0.05566	6.76E-04	0.064837	0.068432	0.029577	0.043025	0.065526
0.017908	0.011628	0.028906	-0.00871	0.016902	0.034774	0.066468	0.021016	0.034297	0.049818
0.032769	0.008302	0.061609	0.004385	0.019559	0.013241	0.043645	-0.00521	0.02815	0.010528
0.025764	-0.00178	0.061514	-0.00926	0.045583	-0.00451	0.027616	-0.02161	0.013734	0.007921
-1.38E-04	0.013093	0.014284	-0.00484	0.063652	0.002103	0.045545	-0.01625	0.004458	0.040223
-0.03388	0.003222	-0.01924	-0.03926	0.022231	0.005649	0.040721	-0.01286	0.004295	0.03464
-0.03691	0.002815	0.014506	-0.01339	-0.01283	-0.00792	0.028372	-0.00827	-0.00149	8.91E-04
-0.00442	0.044573	0.062256	0.030285	0.003629	0.011227	0.026861	0.003786	0.023416	-0.00524
0.026062	0.083014	0.033564	0.046321	0.056658	0.070443	0.077675	0.045202	0.048032	5.16E-04
0.017221	0.076523	-0.00476	0.037062	0.074757	0.111147	0.069591	0.037031	0.062813	0.009546

-0.04066	0.034494	-0.01762	0.027875	0.024592	0.065415	0.007136	0.006125	0.057338	0.019414
-0.01465	0.046315	0.001659	0.036671	-1.25E-04	-0.00256	0.014383	0.009574	0.020255	0.011295
0.053926	0.088213	0.023948	0.037489	0.014684	-0.02018	0.020699	0.023602	0.007704	-0.01758
0.090961	0.121196	0.06914	0.07011	0.034907	0.018198	0.01669	0.022874	0.016898	-0.02647
0.08661	0.110762	0.112374	0.11256	0.069591	0.06706	0.00237	0.02675	-0.01846	-0.00838
0.098158	0.106794	0.108252	0.087957	0.058896	0.068786	0.006366	0.046559	-0.04541	0.016195
0.165114	0.143027	0.096236	0.044779	0.012242	0.05522	0.038735	0.072235	-0.00746	0.053646
0.249873	0.205253	0.130224	0.105423	0.079026	0.120723	0.051349	0.081027	0.010344	0.053296
0.267252	0.222641	0.226021	0.197675	0.199842	0.201015	0.070346	0.125699	0.039276	0.095747
0.260049	0.276502	0.281105	0.193881	0.18352	0.206814	0.077242	0.195782	0.143872	0.177345
0.32012	0.374155	0.320157	0.236232	0.189187	0.220538	0.151136	0.236602	0.217562	0.211159
0.364236	0.321792	0.285982	0.349047	0.285615	0.305553	0.280378	0.28209	0.231273	0.230349
0.344397	0.239489	0.269607	0.39317	0.38624	0.373245	0.314669	0.329979	0.270816	0.283679
0.32445	0.285708	0.372917	0.3694	0.383823	0.367373	0.297038	0.379365	0.387319	0.355809
0.321224	0.385635	0.395515	0.287353	0.290495	0.320799	0.328879	0.404214	0.399191	0.354005
0.336845	0.36312	0.310953	0.255888	0.223441	0.361469	0.382333	0.349711	0.319284	0.327083
0.359568	0.30682	0.310144	0.346464	0.309053	0.416022	0.361041	0.289	0.242285	0.317656
0.346773	0.289062	0.345883	0.38248	0.406367	0.398804	0.329055	0.317261	0.255762	0.324914
0.299849	0.335089	0.341048	0.290817	0.350557	0.301198	0.301239	0.403563	0.372856	0.372927
0.269179	0.324344	0.314849	0.295855	0.309119	0.275973	0.317502	0.393276	0.362306	0.348674
0.276786	0.238143	0.318369	0.347736	0.332142	0.338449	0.321181	0.349531	0.319216	0.285934
0.289159	0.186419	0.318129	0.35875	0.375642	0.305715	0.240292	0.364507	0.341556	0.319824
0.247446	0.238059	0.288921	0.234715	0.320307	0.209327	0.242418	0.378289	0.379311	0.361378
0.253317	0.240669	0.221386	0.135997	0.273617	0.280052	0.35009	0.295736	0.308233	0.325051
0.273028	0.212288	0.227828	0.182569	0.262241	0.340236	0.327091	0.236519	0.249976	0.240555
0.246805	0.224996	0.298189	0.269008	0.257282	0.271663	0.259783	0.274472	0.23726	0.248435
0.186397	0.200455	0.298583	0.3003	0.286277	0.203776	0.230823	0.286012	0.271721	0.31688
0.185714	0.229499	0.25138	0.203246	0.258228	0.163505	0.282678	0.269427	0.30213	0.291148
0.259929	0.287209	0.233378	0.150072	0.208437	0.217245	0.309731	0.22185	0.274784	0.245821
0.232852	0.230405	0.25303	0.194519	0.247848	0.248423	0.264848	0.170215	0.211707	0.250283
0.141386	0.145869	0.279722	0.279356	0.310753	0.234216	0.2419	0.222788	0.19296	0.29946
0.13443	0.213794	0.250557	0.257362	0.282099	0.183994	0.239347	0.304613	0.289893	0.305266
0.177346	0.216208	0.178708	0.099509	0.180219	0.168277	0.269207	0.300745	0.307314	0.240555
0.200743	0.18921	0.15624	0.048891	0.184642	0.236976	0.279687	0.208128	0.247112	0.216185
0.166927	0.154415	0.220235	0.17383	0.263676	0.269867	0.280315	0.158425	0.211471	0.292102
0.118454	0.183645	0.267039	0.274597	0.236837	0.168514	0.268289	0.209426	0.251358	0.30701
0.124871	0.198995	0.160131	0.219236	0.169523	0.12732	0.285023	0.276865	0.29223	0.268511
0.160078	0.169321	0.07844	0.127919	0.127283	0.207486	0.252854	0.224238	0.254802	0.15436
0.102125	0.133159	0.123578	0.12323	0.171772	0.192734	0.171273	0.136182	0.175909	0.138865
-0.00634	0.151059	0.178609	0.177723	0.193627	0.143738	0.186222	0.188114	0.221393	0.23046
0.036771	0.216341	0.211402	0.168116	0.134901	0.152722	0.249503	0.241782	0.258186	0.218304
0.11748	0.172173	0.141744	0.189134	0.125623	0.207098	0.24615	0.220594	0.165754	0.04083
0.143309	0.092254	0.069275	0.177698	0.199402	0.210003	0.147834	0.140887	0.147898	0.108186
0.0713	0.14404	0.116256	0.219615	0.191008	0.179775	0.106058	0.13205	0.197317	0.209681
0.094206	0.20102	0.188037	0.226659	0.097694	0.177716	0.092898	0.144141	0.251819	0.183553
0.156918	0.210027	0.169308	0.169755	0.058148	0.195242	0.102495	0.193344	0.222121	0.129673
0.153428	0.175648	0.115095	0.119537	0.085736	0.211933	0.140097	0.182969	0.161045	0.12386

0.150853	0.167724	0.056229	0.114767	0.113327	0.17284	0.092878	0.169503	0.172866	0.192958
0.144641	0.144536	0.08617	0.155412	0.119002	0.149925	0.128577	0.157848	0.189171	0.19619
0.15027	0.137776	0.143392	0.176789	0.11426	0.180139	0.156515	0.190895	0.159946	0.148713
0.140564	0.071843	0.156027	0.174367	0.151959	0.230653	0.1464	0.205362	0.067697	0.122888
0.124299	0.049185	0.121916	0.196312	0.189844	0.195997	0.155028	0.204025	0.118091	0.190909
0.135939	0.058095	0.099852	0.188176	0.145224	0.127599	0.094452	0.179048	0.167604	0.222002
0.143125	0.066533	0.119695	0.128577	0.13186	0.178152	0.135277	0.194649	0.134079	0.16348
0.117134	0.112623	0.148537	0.040043	0.127064	0.198803	0.174291	0.177595	0.123706	0.124336
0.066391	0.022221	0.073257	0.023526	0.107495	0.118673	0.13357	0.111812	0.08208	0.159142
0.135758	0.023329	0.096978	0.080207	0.135614	0.064037	0.069978	0.07161	0.131337	0.171876
0.112622	0.066966	0.145162	0.050007	0.104162	0.11034	0.081914	0.135545	0.157175	0.140232
0.074754	0.070832	0.110032	0.030495	0.138974	0.143917	0.156656	0.139601	0.056159	0.116824
0.064033	0.10317	0.103644	0.084948	0.137089	0.123508	0.136494	0.049536	-4.77E-04	0.121208
0.066333	0.107912	0.139966	0.149357	0.078595	0.042154	0.110839	0.055716	0.062477	0.114765
0.09696	0.091575	0.119674	0.09648	0.070569	0.015363	0.079215	0.069815	0.120729	0.109293
0.053627	0.103806	0.105427	0.060167	0.122646	0.073853	0.102725	0.034294	0.062179	0.056989
0.042736	0.070566	0.029735	0.052285	0.103768	0.071993	0.08527	0.046273	0.051258	0.056952
0.007111	0.019084	-0.01096	0.032973	0.047837	0.072903	0.074494	0.038432	0.095423	0.102282
-0.02199	0.064108	-0.00537	0.040061	-0.04673	0.02301	0.073146	0.071951	0.092953	0.051993
0.029332	0.110741	-0.01196	0.011923	-0.03081	-0.0108	0.068914	0.060635	0.086574	0.038496
0.058016	0.078263	-0.01014	0.027753	-0.01731	0.023179	0.07381	0.011038	0.084017	0.088949
0.043082	0.042196	-0.00559	0.062726	-0.01675	-0.00122	0.043791	0.029027	0.123169	0.102035
0.022417	0.077354	0.056867	0.05923	-0.00175	0.044406	-0.00901	0.010478	0.100241	0.066359
0.024593	0.041039	0.008329	0.052248	-0.00797	0.036202	0.020163	0.0101	0.082842	0.033164
0.020182	0.03653	-0.02831	0.070609	-0.04321	0.040672	0.030966	0.006157	0.066301	0.027324
0.050892	0.043159	0.011618	0.079167	-0.00404	0.023637	0.01987	0.041495	0.085727	-0.01578
0.023739	-0.00617	0.008715	0.028764	-0.03576	0.045705	-0.0461	0.021117	0.08614	-0.03018
0.03758	0.061343	0.055067	-0.02585	-0.0313	0.061183	0.008797	0.031247	0.025314	0.010212
0.080413	0.02734	0.057845	0.019544	7.74E-04	0.075244	0.051999	0.073812	0.02777	0.013336
0.082582	-0.00707	0.045517	0.047795	0.035014	0.072012	0.019111	0.060506	0.010046	-0.01465
0.048488	-0.02621	0.005248	0.023595	0.057645	0.047796	0.011514	0.069287	-0.03158	-0.01441
0.075342	0.044698	0.046617	-0.02903	0.018603	0.068955	0.068741	0.089526	0.016545	0.078441
0.117113	0.071766	0.085989	0.019971	0.040374	0.101372	0.072405	0.042981	-3.16E-04	0.164167
0.121956	0.03376	0.128714	0.069151	0.117672	0.116842	0.055	0.075528	0.052259	0.112378
0.101437	0.09444	0.172019	0.081112	0.115835	0.083566	0.083888	0.070985	0.104312	0.119149
0.15249	0.175357	0.155343	0.142342	0.114962	0.075836	0.132517	0.09343	0.162476	0.11625
0.196055	0.166441	0.120957	0.076997	0.135592	0.126396	0.142905	0.10082	0.16808	0.071236
0.103274	0.132962	0.16768	0.044526	0.149948	0.101737	0.135817	0.112727	0.100853	0.122521
0.084902	0.153193	0.188622	0.141504	0.186043	0.106263	0.158789	0.162281	0.110646	0.110445
0.12283	0.169727	0.175042	0.178092	0.125579	0.10875	0.156846	0.161163	0.157639	0.09131
0.171358	0.150578	0.067442	0.143386	0.100237	0.130602	0.087079	0.059106	0.124287	0.06744
0.101729	0.153286	0.03619	0.071417	0.142994	0.089618	0.035181	3.34E-04	0.074378	0.108938
0.061803	0.147206	0.076135	0.07325	0.111445	0.044157	0.078247	-0.03119	0.075838	0.077974
0.108219	0.158425	0.109077	0.046684	0.070742	0.070368	0.08295	0.056282	0.089365	0.010561
0.099172	0.12846	0.098837	0.0894	0.036716	0.071804	0.07054	0.104501	0.092733	0.07774
0.07093	0.026549	0.004065	0.09246	0.089552	0.060943	-0.03069	0.030316	0.062851	0.119064
0.061043	0.072779	0.042216	0.10403	0.060338	0.057889	0.024797	-0.01041	0.054947	0.092817

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

60	61	62	63	64	65	66	67	68	69
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.836604	0.190702	0.095351	0.047675	0.023838	0.011919	0.005959	0.00298	0	0
0.381403	0.468077	0.58223	0.645556	0.758084	0.957585	1.123564	1.488784	2.406775	0.217028
0.158131	0.202874	0.235047	0.252998	0.284396	0.323469	0.305784	0.37022	0.434056	0.514296
0.044923	0.097449	0.077436	0.125254	0.143095	0.143243	0.118069	0.121677	0.065867	0.164839
-0.04428	0.002448	-0.00206	0.08137	0.082574	0.049896	0.067192	-0.01286	-0.04161	0.058747
-0.09317	-0.0728	-0.05274	0.004659	-0.00934	-0.00636	-0.03397	-0.05131	-0.03027	0.023711
-0.09852	-0.1326	-0.10935	-0.08979	-0.0687	-0.03638	-0.09922	-0.07183	-0.04956	-0.04524
-0.08528	-0.12205	-0.10675	-0.12263	-0.11841	-0.06766	-0.08651	-0.06939	-0.03941	-0.06189
-0.10805	-0.11695	-0.10257	-0.13205	-0.14457	-0.0657	-0.05416	-0.08287	-0.08099	-0.07603
-0.15844	-0.12721	-0.09346	-0.12331	-0.11545	-0.05648	-0.05354	-0.0786	-0.07368	-0.10012
-0.16658	-0.13854	-0.11555	-0.12788	-0.09989	-0.10772	-0.06426	-0.08682	-0.073	-0.1132
-0.13942	-0.15276	-0.15499	-0.1569	-0.13503	-0.19957	-0.11447	-0.0981	-0.09898	-0.12863
-0.15563	-0.15647	-0.17208	-0.16813	-0.17676	-0.18409	-0.15035	-0.12594	-0.13278	-0.14721
-0.18275	-0.13351	-0.15114	-0.15561	-0.12314	-0.1324	-0.14076	-0.14743	-0.1567	-0.1496
-0.16854	-0.12068	-0.1418	-0.13981	-0.14897	-0.15501	-0.12696	-0.13713	-0.16259	-0.15278
-0.15725	-0.14495	-0.17289	-0.16422	-0.17314	-0.15019	-0.12741	-0.12643	-0.13857	-0.15675
-0.15479	-0.16969	-0.16483	-0.16485	-0.16413	-0.1472	-0.14309	-0.12237	-0.16154	-0.15419
-0.12879	-0.15302	-0.11783	-0.13371	-0.16258	-0.15076	-0.14637	-0.15121	-0.20078	-0.17547
-0.1299	-0.1333	-0.11681	-0.13991	-0.15982	-0.15169	-0.13881	-0.1437	-0.15879	-0.14503
-0.15354	-0.1604	-0.14855	-0.19053	-0.14667	-0.14605	-0.13816	-0.10669	-0.13197	-0.15057
-0.14201	-0.14922	-0.1383	-0.19019	-0.15663	-0.15244	-0.12991	-0.13286	-0.17074	-0.18088
-0.14541	-0.15092	-0.11477	-0.15851	-0.16818	-0.17011	-0.13566	-0.1403	-0.13525	-0.15353
-0.15412	-0.17145	-0.13747	-0.16402	-0.14463	-0.17383	-0.14305	-0.15372	-0.11405	-0.14236
-0.16917	-0.15562	-0.17048	-0.1804	-0.13842	-0.17848	-0.11354	-0.15599	-0.14481	-0.16878

-0.17894	-0.12695	-0.15484	-0.17373	-0.13056	-0.17076	-0.12668	-0.16827	-0.19699	-0.20286
-0.158	-0.14192	-0.15011	-0.15124	-0.15973	-0.15081	-0.16311	-0.17093	-0.16454	-0.19812
-0.13253	-0.15071	-0.14304	-0.15076	-0.18701	-0.17166	-0.20282	-0.1686	-0.13448	-0.16547
-0.15694	-0.13233	-0.15948	-0.16561	-0.19566	-0.19298	-0.18413	-0.17273	-0.16969	-0.1803
-0.18214	-0.1368	-0.18112	-0.17074	-0.17567	-0.19475	-0.16876	-0.18424	-0.19337	-0.22009
-0.17083	-0.1604	-0.19194	-0.1798	-0.18133	-0.19016	-0.20129	-0.17593	-0.15929	-0.1946
-0.18551	-0.16627	-0.19021	-0.16592	-0.18584	-0.1886	-0.19399	-0.17165	-0.14762	-0.16549
-0.1745	-0.15313	-0.16307	-0.14675	-0.18225	-0.16558	-0.18907	-0.15954	-0.17441	-0.14931
-0.13797	-0.14712	-0.16613	-0.13153	-0.17676	-0.13834	-0.17394	-0.1337	-0.17389	-0.16542
-0.11611	-0.15036	-0.16886	-0.1336	-0.17247	-0.13376	-0.15682	-0.13902	-0.19255	-0.19778
-0.12282	-0.15317	-0.13965	-0.1514	-0.1661	-0.1582	-0.16486	-0.14287	-0.18981	-0.1955
-0.12705	-0.13018	-0.13519	-0.17201	-0.16652	-0.17357	-0.18072	-0.1432	-0.17646	-0.16463
-0.13453	-0.11474	-0.14593	-0.15921	-0.17361	-0.149	-0.15996	-0.14224	-0.17746	-0.15152
-0.13673	-0.14587	-0.15584	-0.1524	-0.18661	-0.12561	-0.14069	-0.14867	-0.18083	-0.1565
-0.14396	-0.15657	-0.13853	-0.13613	-0.17007	-0.14873	-0.13904	-0.11548	-0.14312	-0.13818
-0.1033	-0.14574	-0.13067	-0.1437	-0.14175	-0.14844	-0.11868	-0.09094	-0.12774	-0.11773
-0.09242	-0.14831	-0.14646	-0.15066	-0.13553	-0.12999	-0.10803	-0.08565	-0.13282	-0.11412
-0.10329	-0.13346	-0.11384	-0.12434	-0.13652	-0.10709	-0.10936	-0.08335	-0.13023	-0.10311
-0.1257	-0.11787	-0.10347	-0.11084	-0.12043	-0.09538	-0.12773	-0.07224	-0.11947	-0.09271
-0.11776	-0.10894	-0.09558	-0.12187	-0.09023	-0.10415	-0.12235	-0.06545	-0.09021	-0.08958
-0.10713	-0.10758	-0.10069	-0.12802	-0.09577	-0.08202	-0.11326	-0.07362	-0.08675	-0.06731
-0.09254	-0.10294	-0.10093	-0.10961	-0.0974	-0.06245	-0.10911	-0.08515	-0.0858	-0.06988
-0.08829	-0.08898	-0.08403	-0.07726	-0.07698	-0.07175	-0.09375	-0.06189	-0.09284	-0.05445
-0.10094	-0.07026	-0.05488	-0.06508	-0.0564	-0.07088	-0.08083	-0.0497	-0.08889	-0.04297
-0.06944	-0.0641	-0.04162	-0.06521	-0.04881	-0.05685	-0.07287	-0.06421	-0.08329	-0.06046
-0.03325	-0.06211	-0.05426	-0.05636	-0.04298	-0.05632	-0.06564	-0.07504	-0.12375	-0.0858
-0.04834	-0.07155	-0.05723	-0.0551	-0.04386	-0.05233	-0.04564	-0.06187	-0.13981	-0.09016
-0.09624	-0.08658	-0.05159	-0.07624	-0.04745	-0.03771	-0.02173	-0.01162	-0.1	-0.06729
-0.06896	-0.07687	-0.04262	-0.08332	-0.04752	-0.05608	-0.01515	0.020797	-0.06248	-0.03695
-0.0232	-0.04579	-0.03352	-0.07241	-0.05264	-0.05619	-0.01265	-0.01343	-0.05255	-0.04668
-0.02234	-0.05977	-0.02988	-0.0563	-0.02041	-0.03337	-0.03093	-0.05021	-0.05764	-0.05318
-0.04907	-0.07461	-0.00971	-0.04043	-0.02938	-0.05645	-0.04255	-0.03426	-0.04334	-0.02946
-0.05377	-0.0525	0.017669	-0.0491	-0.03973	-0.07934	-0.03619	-0.00869	-0.03608	7.86E-04
-0.03279	-0.02398	0.018307	-0.04754	-0.04078	-0.05915	-0.04675	-0.00834	-0.03353	-0.01435
2.10E-04	-0.01935	-0.00551	-0.06634	-0.03929	-0.01954	-0.0364	-0.03119	-0.02419	-0.02843
0.007662	-0.05278	-0.01534	-0.06886	-0.02095	0.005799	-0.02253	-0.02459	-0.01759	-0.01625
-0.00455	-0.05323	-0.00198	-0.03335	3.64E-04	-0.03577	-0.04063	-0.01923	-0.04773	0.001163
-0.00936	-0.04569	-0.00742	-0.04464	0.015259	-0.044	-0.02015	-0.01036	-0.04521	0.007182
-0.00671	-0.01874	-0.00605	-0.04838	0.016003	-0.0342	0.00456	-0.02008	-0.00559	-0.02774
0.034881	7.70E-04	-8.40E-04	-0.02671	0.027592	-0.02275	0.010268	-0.04465	-0.01702	-0.04333
0.020954	-0.02389	0.005269	-0.01866	0.030575	0.004726	0.00662	-0.02535	-0.01639	-0.04522
-0.03819	-0.04295	-0.00371	-0.01453	0.018558	-2.38E-04	0.028582	-6.85E-04	0.007559	-0.04205
-0.03633	-0.02579	0.01102	-0.01532	-0.02573	-0.02043	0.047848	0.019748	0.023232	-0.04419
0.025647	0.018738	-0.01152	-0.03785	-0.01982	-0.04978	0.014636	-0.02168	-0.00334	-0.07281
0.012674	0.006677	-0.01768	-0.04901	9.83E-04	-0.01468	0.00374	-0.06366	-0.0482	-0.03736
-0.03776	-0.00828	0.02449	-0.03373	0.00512	-0.00689	0.01356	-0.06473	-0.01681	-0.01243
-0.03162	-0.00517	0.008053	-0.01785	-0.00154	-0.05778	0.022494	-0.02786	0.046159	-0.01315

-0.01365	0.006183	-0.03819	-0.04424	-0.01463	-0.05245	0.013225	-0.01286	0.058188	0.010962
-0.01228	-0.00395	-0.04118	-0.06459	-0.02376	-0.04203	-0.01255	-0.04496	0.013836	-0.01579
-0.04168	-0.01908	-0.01375	-0.05683	-0.00265	-0.03522	-0.00841	-0.03741	-0.00956	-0.03983
-0.05336	-0.00949	0.010821	-0.0331	0.023748	-0.02967	0.00328	-0.04835	0.00844	-0.05535
-0.03207	0.003493	-0.00774	-0.02273	6.35E-05	-0.03316	0.004117	-0.05704	0.026297	-0.05428
-0.03182	9.65E-04	-0.03332	-0.02925	-0.0456	-0.02904	9.11E-04	-0.04564	0.022723	-0.05684
-0.04227	-0.02175	-0.05492	-0.05007	-0.05439	-0.02086	-0.0151	-0.03418	0.002625	-0.06339
-0.05839	-0.0149	-0.05616	-0.04378	-0.03921	-0.02529	-0.01013	-0.04975	-0.01631	-0.05891
-0.02258	0.00676	-0.04349	-0.01936	-0.0543	-0.01313	-0.00149	-0.03496	-0.00147	-0.06031
0.001224	0.014541	-0.05078	-0.01566	-0.06962	-0.0313	0.017911	0.003722	0.041428	-0.02278
-0.04007	-0.00182	-0.0527	-0.01229	-0.04251	-0.02998	-0.00686	-0.00998	0.019926	-0.0218
-0.06897	-0.00821	-0.01147	0.010474	-0.02968	-0.02239	-0.03215	-0.03011	-0.03335	-0.06045
-0.03446	0.013084	0.03135	0.018409	-0.04159	-0.01444	-0.03283	-0.04045	-0.02337	-0.05489
-0.00422	0.007057	0.002277	-0.00265	-0.06263	0.021739	-0.01534	-0.00658	7.20E-04	-0.03339
-0.01535	-0.01933	-0.07217	-0.01513	-0.04964	0.040718	0.014165	0.02572	-0.02474	-0.0537
-0.03762	-0.01633	-0.07867	0.00876	-0.03652	0.009001	-0.02332	-0.00199	-0.05573	-0.03475
-0.06195	0.002138	-0.03319	0.027902	-0.03178	-0.01255	-0.03666	-0.02179	-0.03812	-0.00597
-0.05674	0.014189	-0.02569	0.016072	-0.02954	0.005614	-0.02973	0.002064	-0.00809	-0.00159
-0.00102	-0.00414	-0.04285	-0.02362	-0.05229	0.012262	-0.02633	-0.00535	0.004555	-0.00226
0.0143	-0.0254	-0.03982	-0.02568	-0.05141	0.002937	-0.03425	-0.02267	-0.04873	-0.01464
-0.00573	-0.01248	-0.01476	0.00312	-0.02325	0.004458	-0.04635	-0.02301	-0.0626	-0.00794
-0.0027	0.02598	0.005041	0.03591	2.47E-04	0.013217	-0.02894	-0.0069	-0.01044	0.005786
-0.01938	0.001584	-0.01498	0.008077	-0.02521	0.009154	0.007595	0.024984	0.006696	-0.01237
-0.01711	-0.03163	-0.0388	-0.03366	-0.03311	-8.01E-04	-0.00591	0.024352	-0.03731	-0.02602
-0.01602	-0.02037	-0.04955	-0.0224	-0.03106	-0.02073	-0.07158	0.005763	-0.05571	-0.01954
-0.02421	-0.01358	-0.04429	-0.00428	-0.04072	-0.03853	-0.07001	-0.01533	-0.03299	-0.01077
-0.0141	-0.00269	-0.04806	-0.01519	-0.06275	-0.01131	-0.03318	-0.00891	-0.03859	-0.03721
-0.0196	-0.036	-0.05657	-0.05832	-0.0691	0.015822	-0.02711	0.022613	-0.04285	-0.04945
-0.03339	-0.06171	-0.05593	-0.06638	-0.03255	-0.00339	-0.0149	0.025412	-0.04313	-0.02555
-0.03963	-0.05541	-0.03039	-0.00311	-0.01504	-0.05101	-0.03958	-0.01002	-0.05395	-0.03846
-0.0033	-0.02404	0.013208	0.036785	-0.02038	-0.02859	-0.04495	-0.00379	-0.04309	-0.03768
0.016691	-0.0064	0.040245	-8.71E-06	-0.00142	0.028074	0.002004	0.054165	-0.01251	-0.01223
0.020884	-0.01479	0.013125	-0.04481	-0.00981	0.047283	0.002789	0.038076	-0.02228	0.007415
0.004147	-0.00695	-0.02041	-0.03569	-0.00234	0.025009	-0.01284	-0.02515	-0.06393	0.034464
-0.03058	-0.03393	-0.02933	0.005252	0.020829	-0.02141	-0.0452	-0.06265	-0.0997	0.012021
-0.02706	-0.0344	-0.02415	0.01361	-0.01386	-0.04368	-0.06067	-0.04768	-0.06754	0.002446
-0.01394	-0.04339	-0.01492	-0.025	-0.02213	-0.02018	-0.01772	0.003641	-0.01065	0.010089
-0.01161	-0.04398	-0.02467	-0.03591	0.010049	0.007768	-0.0261	-0.01024	-0.01578	-8.32E-05
0.004415	-0.02309	-0.02995	-0.0233	0.01159	-0.01239	-0.0265	-0.04324	-0.04058	-0.00198
0.035763	0.003853	0.012892	-0.01088	0.006068	-0.02041	-0.02699	-0.05031	-0.04945	-0.01218
0.053979	0.041872	0.041325	-0.01346	-0.00576	-0.01347	-0.01872	-0.01892	-0.0353	-0.02183
0.024135	0.011482	0.008661	-0.04739	-0.01126	0.011087	0.021058	0.00413	-0.03711	-0.03125
0.003109	-0.01706	-0.00417	-0.02696	0.001268	-2.21E-04	0.024365	-0.017	-0.03058	-0.04323
0.027924	-0.00995	0.020026	0.018497	0.006288	-0.03475	0.007463	-0.03487	-0.02329	-0.01437
0.047322	-0.00738	0.041059	0.017885	3.98E-04	-0.03838	-0.0025	-0.03679	-0.0175	-0.00953
0.044481	0.007469	0.056482	-0.01078	0.014999	-0.00451	0.009818	-0.01365	-0.00348	-0.01813
-0.00712	0.016458	0.035145	-0.05214	0.019151	0.027915	0.025122	-0.00545	-0.02082	-0.01791

-0.03359	0.003379	0.016194	-0.03972	0.014377	-0.03245	0.008208	-0.03454	-0.01522	9.66E-04
0.008372	0.014138	0.023944	0.00167	0.018732	-0.05753	-0.01795	-0.02896	-0.00884	-0.003
0.030622	0.017081	0.037986	0.01764	0.026136	-0.06394	-0.02125	-0.00839	-0.01806	-0.01706
0.00341	0.027741	0.008908	-6.79E-04	0.026846	-0.06361	-0.01027	-0.00273	-0.03248	-0.01609
-0.03302	0.021014	-0.0165	-0.01779	0.004698	-0.02735	0.005548	-0.01952	-0.03276	-0.0169
-0.04802	-0.00905	0.012361	0.006577	-0.04893	-0.04518	0.010517	-0.00842	0.002876	0.011533
-0.02528	0.006809	0.039273	0.004997	-0.04395	-0.04628	0.004955	0.02117	0.03176	0.010223
-0.00808	0.024485	0.033296	-0.01113	0.028822	-0.00645	0.026192	0.02804	0.013423	-0.01312
-0.02168	0.023781	-0.00192	0.013351	0.059314	0.016613	0.042489	-0.01369	-0.01971	-0.0121
0.007021	0.035911	0.018408	0.043346	0.021829	-0.01239	0.030532	-0.04449	0.004958	-0.00286
0.039309	0.036422	0.02033	0.032754	-0.01478	-0.04263	0.007562	-0.01842	0.009425	-0.02886
0.059749	0.046542	5.62E-04	-0.01181	9.83E-04	-0.0349	0.005449	0.00862	-0.01122	-0.04256
0.019285	0.040001	-0.03252	-0.04404	0.03264	-0.02172	0.020563	0.009527	-0.00668	-0.03899
-0.04313	0.011065	-0.05753	-0.02002	0.049734	-0.00352	0.0014	-0.03438	0.011779	5.72E-04
-0.07394	-0.00164	-0.02363	0.007088	0.012861	0.001821	-0.04178	-0.03472	0.013578	0.021589
-0.06386	0.022037	0.030934	0.028063	-0.02694	-0.03187	-0.02424	0.005093	-0.0048	-0.02255
-0.01266	0.034767	0.008283	7.51E-05	-0.00678	-0.02257	0.033754	0.016364	-0.01414	-0.05452
-0.00528	0.010035	-0.02965	-0.00707	0.040873	0.021547	0.061759	0.024249	-0.01384	-0.06044
-0.00664	0.014306	0.006675	0.019687	0.050878	0.038974	0.035921	0.017456	0.024198	-0.02871
0.001674	0.043699	0.026473	0.025336	0.019587	0.009594	-0.01293	-0.00731	0.04553	-0.01378
-0.02024	0.049714	0.008529	0.026456	0.018976	0.007262	-0.04492	-0.0465	0.023372	-0.03307
-0.05163	0.045046	-0.00845	0.031671	0.037201	0.032123	-0.01895	-0.04276	-0.00642	-0.03941
-0.03449	0.024553	-0.0161	0.019951	6.99E-04	-0.01644	0.025605	-0.01173	-0.00368	-0.04815
-0.01186	0.012399	-0.00797	-0.0021	-0.04751	-0.04916	-0.0433	-0.00908	0.010294	-0.04444
-0.00889	0.037871	-0.01064	0.013333	-0.04348	-0.01843	-0.04377	0.023209	0.02775	-0.01894
1.13E-05	0.034749	-0.04405	0.004235	-0.04165	-0.01446	0.005927	0.029714	0.003094	8.84E-04
-0.00287	0.007139	-0.06235	0.00924	-0.04026	-0.01892	0.012706	-0.00369	-0.03318	-0.02651
-0.01669	-0.01111	-0.0345	0.041572	0.004783	0.020886	0.001351	-0.01347	-0.02792	-0.0501
-0.04152	-0.00699	-0.01055	0.031347	-0.02292	0.003839	-0.038	-0.01103	0.004571	-0.01277
-0.05042	0.028433	0.020313	0.013541	-0.04152	-0.02791	-0.04264	-0.01746	0.018187	0.027673
-0.03625	0.03858	0.005743	0.0151	-0.01896	3.92E-04	-0.01769	-0.02324	-0.01319	-0.00539
0.001491	-0.00755	-0.02303	0.014579	-0.0023	0.032926	-0.01626	-0.03542	-0.03395	-0.04662
0.005069	-0.02514	0.00738	0.015291	-0.00346	0.046323	-0.0205	-0.01867	-0.04401	-0.04443
0.001041	-0.01879	0.013075	0.003339	-0.03327	0.028534	-0.01348	0.003853	-0.04621	-0.02773
0.034144	-0.00659	-0.00262	-0.00683	-0.03971	0.023694	0.02595	0.019646	-0.04554	0.004212
0.067259	0.036952	0.011748	0.001099	-0.03164	0.037635	0.027316	0.029748	-0.01545	0.026871
0.021268	0.002725	0.006413	0.014302	-0.00657	0.038956	-0.00167	0.042346	0.026067	0.030334
-0.02958	-0.05209	-0.03715	-0.01801	-0.00187	-0.01563	-0.04088	0.030562	0.004958	0.051828
0.008102	-0.03369	-0.01162	-0.04516	-0.02165	-0.08202	-0.06455	-0.01159	-0.08088	0.038686
0.027358	-0.0109	0.006823	-0.03138	-0.01841	-0.04475	-0.03936	-0.01833	-0.0911	-0.01113
0.01509	-0.02716	0.002763	0.002243	-0.0207	-0.02019	-0.01444	-0.00457	-0.02615	-0.01907
-0.00641	-0.04323	-0.00718	0.003779	-0.03644	-0.03153	-0.01791	0.003299	-0.01711	-2.31E-04
-0.01954	-0.06969	-0.02701	-0.03269	-0.02221	-0.02144	-0.02778	0.018482	-0.02994	0.014927
0.001824	-0.05355	-0.03815	-0.05515	-0.04799	-0.04442	-0.03306	0.022647	-0.01385	0.031108
0.02389	-0.02759	-0.01276	-0.02138	-0.02849	-0.03804	-0.0347	0.015577	-0.0219	0.009855
-0.02019	-0.03955	0.030225	0.020952	0.016419	-0.00459	-0.03903	0.001383	-0.05711	0.010576
-0.0321	-0.04838	0.01054	-0.02724	0.005154	-0.01877	-0.04339	0.005812	-0.02515	0.048555

0.011616	-0.01221	0.010507	-0.03334	-0.02729	-0.04875	-0.04386	-0.01322	0.005531	0.032341
0.017312	0.003395	0.017971	-0.01105	-0.04508	-0.03501	-0.03849	-0.04366	-0.01646	-0.01781
-0.01666	-0.05005	0.013957	-0.02386	-0.03828	0.003972	-0.01862	-0.01807	-0.03046	-0.03044
-0.03203	-0.08335	0.014306	-0.01737	-0.0141	0.003805	-0.03186	0.005419	-0.02291	-0.01018
-0.00899	-0.08198	-0.00477	-0.03043	0.012259	-0.02306	-0.03967	0.002275	0.001755	0.018279
0.024469	-0.03697	-0.01417	-0.03527	0.007408	-0.04425	-0.01584	-0.00748	0.003731	0.02164
-0.00479	-0.00289	0.019351	0.002344	0.014032	-0.03972	-0.00551	-0.02553	-0.05314	-0.05023
-0.02879	0.019705	0.061339	0.053463	0.052401	0.00543	0.005235	-0.00631	-0.06319	-0.05171
-0.0111	-0.01244	0.028328	0.005659	0.039499	-0.00247	0.038846	0.042666	-0.00334	0.004741
-0.00715	-0.02053	-0.01304	-0.05749	-0.00323	-0.03405	0.049814	0.03887	0.009698	0.032465
0.005321	-0.00627	-0.0088	-0.07289	-0.01816	-0.03077	0.02222	-0.02911	-0.0094	0.024178
-0.02084	-0.00661	0.014057	-0.08342	-0.02685	-0.02738	-0.01032	-0.0297	-0.01593	0.01447
-0.04403	0.024124	0.023331	-0.04129	-0.00401	-0.03217	0.013661	0.033849	-0.01941	0.036828
-0.01717	0.03842	0.010441	-0.01108	0.005103	-0.02727	0.030148	0.034495	0.014317	0.065951
0.005657	-0.00126	0.005645	-0.0253	-0.01958	-0.04071	0.011669	-0.00152	0.036205	0.030018
-0.05037	-0.01074	0.035197	-0.00816	-0.01064	-0.04361	0.027126	-0.01507	-5.61E-04	-0.01188
-0.06301	0.003379	0.058064	0.034293	0.039865	0.001305	0.042525	-0.00438	-0.00186	0.002281
-0.02377	0.002431	0.022991	0.029262	0.037146	0.018995	0.050891	-0.00109	-0.01292	0.021899
0.005607	0.019739	-0.00238	0.005201	-0.01206	-0.00362	0.048266	-0.00255	0.005144	0.032677
0.004935	0.036722	0.007019	0.010474	0.005036	-0.01438	0.019847	0.015276	0.050699	0.008683
-0.02754	0.036775	0.017283	0.032194	0.04835	0.002153	0.022871	0.021696	0.032459	0.005985
-0.02707	0.024725	0.008431	0.049012	0.035313	0.0162	0.049504	0.029748	0.054663	0.002825
-0.00358	0.029734	-0.00594	0.022555	-0.01966	0.019082	0.027091	0.019022	0.083738	-0.00294
0.020258	0.027533	-0.0132	0.012022	-0.00808	0.025255	-0.00451	0.014106	0.04872	-0.00115
0.010543	0.019739	-0.00512	0.058151	0.044078	0.036877	0.01284	0.044183	0.039327	0.003534
0.003761	0.014574	-9.93E-05	0.07867	0.06235	0.017958	0.039273	0.034775	0.058169	0.002495
-0.01434	0.009587	-0.00103	0.057041	0.014619	0.015907	0.071082	0.012658	0.062971	0.005487
-0.01063	0.027637	-0.01004	0.024076	-0.04057	0.037635	0.067857	8.97E-04	0.047568	0.002775
-4.03E-04	0.016323	-0.03664	0.015794	-0.01731	0.0466	0.023025	-0.02757	-0.006	-0.00884
0.003444	0.044471	-0.00492	0.048188	0.04227	0.028003	-0.00112	-0.03701	-0.01746	-0.00676
0.025207	0.069705	0.069247	0.086106	0.054517	0.038413	0.027091	0.018229	0.044293	0.027935
0.010901	0.002643	0.061357	0.071083	0.04794	0.082002	0.044412	0.04183	0.058283	0.00494
0.007967	-0.0086	0.018762	0.039419	0.03631	0.062091	-0.00753	0.035563	0.015557	-0.03298
0.001008	0.043304	0.003104	0.029962	0.016922	0.023922	-0.01872	0.019951	0.011129	-0.02793
0.023609	0.050917	0.001645	0.007071	-0.01481	0.044704	0.027316	0.032298	0.023987	0.004179
0.038674	7.22E-04	0.014923	0.029119	0.015622	0.089919	0.057635	0.067503	0.043575	0.018467
0.008829	-0.02795	0.009847	0.035874	0.02834	0.075408	0.042453	0.080484	0.04481	0.014453
-0.01273	-0.00591	0.01135	0.009188	-0.01467	0.030965	0.013409	0.073256	0.018326	0.015979
0.005556	0.039663	0.049469	0.037661	-0.03603	0.016802	-0.01269	0.025036	-0.00201	0.006733
0.012281	0.062845	0.043066	0.041203	-0.02524	0.040773	-0.04036	0.005681	0.011813	0.018365
0.022926	0.031702	0.016378	0.004252	0.019308	0.05453	0.008125	0.054184	0.052197	0.030633
0.025964	0.035189	0.028965	-0.01914	0.014101	0.045439	0.051477	0.079708	0.044293	0.051035
0.029288	0.00597	0.033313	0.015846	0.010322	0.018787	0.010567	0.021441	0.012909	0.070666
0.049288	-0.00311	0.038233	0.038924	0.00534	0.030947	-0.00193	0.009444	0.010635	0.048006
0.042226	6.08E-04	0.048747	0.007207	0.017861	0.051497	0.008092	0.031516	0.010532	0.010895
0.015847	-0.00875	0.040368	0.013939	0.061926	0.065951	0.023643	0.026269	0.010277	0.028547
-0.0028	-0.01232	0.011384	0.010714	0.065581	0.026697	0.052412	0.011578	0.028798	0.0539

0.018575	-0.01555	0.022617	0.003525	0.044614	-0.0025	0.019371	0.007764	0.034418	0.068283
0.053078	-0.02468	0.030813	-0.01091	0.028679	0.025114	0.019235	0.054312	0.023513	0.049142
0.021215	-0.0541	0.025994	-0.02324	0.033523	0.040809	0.057227	0.07812	0.006189	0.02986
-0.01757	-0.05317	0.03504	0.004981	0.041075	-0.01005	0.041844	0.044738	-0.00139	0.045162
0.02085	-0.01885	0.034184	-0.00202	0.015899	-0.05337	0.023574	0.028074	0.02246	0.05641
0.063862	0.002627	0.039873	-0.00537	0.009314	-0.05746	0.00158	0.040888	0.050231	0.042715
0.032371	-0.00833	0.036037	-0.00426	0.042675	-0.06114	-0.0014	0.043969	0.041886	0.039726
-0.01395	-0.01363	0.024268	0.003474	0.072157	0.005228	0.049395	0.057434	0.023987	0.061475
-0.02049	-0.03103	0.02764	0.033985	0.039481	-0.0039	0.033209	0.032037	0.012087	0.085805
0.001424	-0.02135	0.042248	0.015985	0.002963	-0.02144	0.011869	0.031307	0.05261	0.103877
0.029697	0.007106	0.036774	-0.02111	0.024719	0.004324	0.037231	0.064383	0.071952	0.067498
-0.00819	0.010899	0.020263	-0.01618	0.048537	0.020347	0.0589	0.047882	0.030758	0.034056
-0.05012	3.80E-04	-0.00467	0.009	0.038385	0.061461	0.083715	0.02866	0.021952	-9.50E-04
-0.0215	0.01845	0.017887	0.012384	0.027717	0.035904	0.055893	-0.00861	0.028531	0.012392
0.01148	0.064253	0.075053	0.003441	0.001888	-0.01194	0.028044	-0.01112	0.038199	0.020592
0.035277	0.078576	0.069909	-0.00385	8.02E-05	-0.01043	0.027871	0.008702	0.042363	-0.01164
0.018055	0.038438	0.014923	0.009428	0.036655	0.014346	0.047685	0.013606	0.061723	0.029334
-0.00761	-0.00192	-0.01523	0.026724	0.049884	0.020018	0.043818	0.014574	0.117249	0.055069
0.010816	-0.00414	-0.01257	0.011505	0.016974	-0.02027	0.018827	0.043736	0.123617	0.057605
0.005052	5.43E-04	-0.00583	-0.01273	-0.00505	-0.06907	0.037603	0.063148	0.078762	0.041975
-0.02767	0.011515	-0.01206	-0.00788	0.003703	-0.04821	0.06409	0.023482	0.046029	0.018314
-0.03817	0.020214	-0.01434	0.006764	0.012637	2.26E-04	0.078228	0.006172	0.051447	0.001804
-0.01666	0.00851	-0.00839	0.0196	-0.02714	0.007077	0.033789	0.023294	0.060458	0.036703
-0.02302	0.023285	-0.01168	0.02692	-0.01748	0.008832	0.017454	0.029247	0.072758	0.064789
-0.02355	0.045983	-0.00559	0.022273	0.045003	0.039192	0.045729	0.034617	0.060477	0.002364
-0.03171	0.031911	-0.00804	0.032302	0.044503	0.072285	0.077586	0.036107	0.045013	0.002001
-0.02851	0.027931	-0.00628	0.028707	0.019779	0.070235	0.07281	0.025258	0.040897	0.022347
-0.03322	0.022344	9.82E-04	0.030357	-0.02095	0.043676	0.023111	0.008011	0.03809	0.030282
-0.05111	0.026704	0.006708	0.037588	-0.00796	0.041283	0.035709	0.038941	0.059217	0.048537
-0.04331	0.04492	8.53E-04	0.054469	0.035621	0.035886	0.045802	0.046208	0.060267	0.015487
-0.02762	0.041855	-0.00382	0.078028	0.03573	0.0354	0.026831	0.023942	0.054644	-0.00612
-0.01203	0.024227	-0.02522	0.036074	0.010853	0.054436	-0.00699	0.013123	0.067788	0.030844
-0.02006	0.010035	-0.04104	-0.00602	-0.0356	-0.00105	-0.00364	0.022494	0.065518	0.073625
-0.01408	0.025137	-0.03392	9.14E-04	-0.03271	-0.02469	0.045693	0.062663	0.026863	0.04949
0.023942	0.044614	-0.02642	0.015048	-0.02813	0.012927	0.041844	0.060857	0.023302	0.021262
0.011241	-0.00326	-0.02424	0.02692	-0.04407	0.009035	0.007347	0.067333	0.017026	-0.00393
-0.04974	-0.04201	-0.02487	0.01056	-0.03854	0.007195	-0.01163	0.05725	0.018743	-0.02024
-0.05937	-0.00176	-0.00952	0.003373	-0.01894	0.024377	-0.00881	0.015962	0.006797	-0.0172
-0.04891	0.032313	-0.01526	0.012401	-0.04072	0.015392	-0.03233	0.001367	-0.03914	-0.03805
-0.01727	0.014843	-0.03015	0.018392	-0.0305	0.023222	-0.00794	0.012707	-0.04429	-0.04311
-0.00128	-0.02961	-0.02358	0.049895	0.029483	0.070332	0.024933	0.024967	-0.01335	0.002182
-0.03317	-0.02765	-0.03692	0.012177	0.003568	0.032355	-0.01078	0.034268	0.014128	0.03926
-0.05745	-0.01188	-0.06015	-0.03329	-0.03353	-0.02443	-0.0339	0.029852	0.038527	0.052899
-0.02855	3.64E-04	-0.03754	-0.004	-0.02062	-0.01821	-6.99E-04	0.029904	-0.00969	0.023642
-0.00409	-0.00781	-0.03099	0.024502	-0.02232	-0.01388	0.02145	0.023976	-0.02945	0.020832
-0.02009	-0.04658	-0.04049	0.022361	-0.00427	0.016544	-0.00395	0.029247	-0.00909	0.007582
-0.03527	-0.05466	-0.03797	0.004405	-0.01666	-1.05E-04	-0.03849	0.002178	-0.01585	-0.00665

-0.01382	-0.01462	-0.02349	-0.01189	-0.04879	-0.01532	-0.04638	-8.85E-05	-0.02582	0.004311
0.002174	0.022173	-0.02956	0.010422	-0.00498	0.053835	0.016777	0.033395	-0.0392	-0.00317
-9.83E-04	0.005197	-0.01357	0.038228	0.023483	0.07679	0.034581	0.038853	-0.03939	0.00957
0.023855	0.011132	0.013042	0.014996	-0.00383	0.042853	-0.01011	0.019562	-0.04806	0.012207
0.02214	0.011082	0.031385	-0.02007	-0.02595	0.0059	-0.02802	0.01459	-0.04061	0.025045
-0.02136	-0.03371	0.002617	-0.02351	-0.038	0.002037	-0.03925	0.014123	-0.05121	0.009001
-0.03543	-0.06993	-0.01788	-0.0042	-0.01597	0.026292	-0.03546	-0.00545	-0.04446	-0.01597
0.001907	-0.02576	0.026011	0.047963	0.049023	0.040372	-0.01355	0.006139	-0.01638	0.027289
0.045015	0.03275	0.039326	0.053406	0.06669	0.008224	-0.00695	0.039259	-0.00988	0.047549
0.076838	0.037783	0.011947	-0.0196	-0.00416	-0.01529	-0.01288	0.016465	-0.01199	0.033932
0.078346	0.039059	0.015157	-0.00737	-0.0015	0.011921	-0.00983	0.003397	-6.45E-04	-0.00336
0.055749	0.017233	0.046373	0.066606	0.042123	0.039228	0.005251	0.036387	0.008084	0.009838
0.032746	0.020214	0.080938	0.070334	0.020812	0.023712	0.023763	0.069242	0.024269	0.057231
0.02214	5.75E-04	0.061172	0.038631	0.012191	-0.01128	0.028096	0.049525	0.026174	0.058804
0.031906	-0.04176	-0.01306	0.018234	0.008054	-0.0171	0.022511	0.020272	0.020449	0.024473
0.03007	-0.02459	-0.01449	-0.0364	0.014602	0.018269	0.031073	0.001464	-0.01649	0.005786
0.022	0.021133	0.047361	-0.02905	0.017791	0.016699	0.002021	0.011396	-0.0331	0.0203
0.017053	0.010217	0.061636	-0.01626	0.009178	-0.02986	-0.00264	0.015225	-0.04879	0.019545
0.003009	7.54E-04	0.049018	-0.02351	0.00678	-0.02577	0.031073	0.018027	-0.03258	0.011702
0.019459	0.004295	0.040404	-0.01619	0.016905	-0.02353	0.048321	-0.01577	-0.0149	-0.02952
0.002124	-0.03221	0.032878	-0.03771	0.010579	-0.00833	0.026503	-0.03381	-0.03696	-0.04101
-0.06142	-0.0614	0.032044	-0.02357	-0.00127	0.001222	0.019609	0.004488	-0.02329	-0.02221
-0.06062	-0.04624	0.025634	-0.00258	0.002593	-0.03031	0.037904	0.025481	0.007152	-0.0105
-0.01178	-0.02902	-0.00555	-0.03074	-0.00487	-0.03625	0.052687	0.037301	0.030812	-0.00986
-0.02743	-0.03142	-0.00946	-0.05696	-0.00939	-0.02901	0.031632	-0.00339	0.008321	-1.32E-04
-0.05569	-0.03512	0.025686	-0.03554	0.00998	-0.01644	0.020086	-0.03523	-0.01861	-0.02568
-0.06492	-0.03788	0.009946	-0.05125	0.021689	-0.01305	0.033227	-0.01165	-0.00549	-0.02523
-0.04491	-0.01572	-0.02381	-0.06417	-5.04E-04	-0.02494	0.002168	-0.03845	0.002324	-0.0282
-0.01616	-0.01327	-0.01537	-0.03438	-0.02343	-0.04096	-0.019	-0.03855	0.006983	-0.04428
-0.02964	-0.03269	0.019857	-0.0065	-0.00691	-0.0528	-0.01203	-0.01839	-0.00902	-0.0539
-0.0283	-0.02295	0.050537	0.010096	0.01814	-0.05121	-1.47E-04	-0.05205	-0.01011	-0.05638
-0.02684	-0.01412	0.012394	-0.00749	8.02E-05	-0.03012	0.022597	-0.05415	0.003077	-0.01734
-0.04128	-0.00613	-0.01831	-0.03766	-0.05928	-0.03227	0.008821	-0.05711	0.001404	-0.01478
-0.03353	-0.00714	-0.03142	-0.05894	-0.06227	-0.04548	-0.03599	-0.0628	-0.00873	-0.04673
-0.03604	-0.03187	-0.05536	-0.0539	-0.01488	-0.06368	-0.0399	-0.06655	-0.03304	-0.05723
-0.06496	-0.03569	-0.05133	-0.04727	-0.01077	-0.11228	-0.03238	-0.07715	-0.03772	-0.05149
-0.05059	-0.01631	-0.03744	-0.04812	-0.02924	-0.11438	-0.03417	-0.05918	-0.02993	-0.04256
-0.01331	0.006299	-0.02929	-0.02222	-0.03425	-0.07402	-0.01869	-0.02823	-0.02767	-0.05037
0.006195	-0.00295	-0.02152	-0.02765	-0.04042	-0.0714	-0.02533	-0.04515	-0.02443	-0.08161
-0.00265	-0.01259	-0.0228	-0.06432	-0.03655	-0.06294	-0.04874	-0.06771	-0.02421	-0.08076
-0.0262	-0.01492	-0.01213	-0.04572	-0.03524	-0.05722	-0.0276	-0.04551	-0.00481	-0.05309
-0.05882	-0.02634	-0.02663	-0.04011	-0.05709	-0.05428	0.012957	-0.01479	0.009527	-0.05082
-0.07744	-0.02084	-0.03926	-0.06523	-0.06265	-0.02507	0.009153	-0.02413	-5.78E-04	-0.07299
-0.07129	-0.04999	-0.06032	-0.07067	-0.01507	0.0089	-0.02115	-0.05228	-0.01928	-0.06924
-0.0632	-0.05553	-0.06515	-0.06371	0.014844	-0.02808	-0.02898	-0.0622	-0.01006	-0.01635
-0.0772	-0.01936	-0.03395	-0.02492	-0.00212	-0.03983	-9.75E-04	-0.03508	0.01923	0.022692
-0.08004	-0.00918	-0.02365	0.008863	-5.04E-04	-0.0216	0.033912	0.005158	0.040386	-0.03091

-0.0491	-0.01261	-0.04889	-0.00356	-0.00119	-0.03199	0.034106	0.012392	0.021497	-0.0658
-0.02614	-0.0149	-0.02543	-0.01209	0.02343	-7.68E-04	0.02128	-0.00463	-0.00863	-0.05809
-0.06606	0.003068	0.002066	-8.12E-04	0.050052	0.021251	0.045964	-0.01449	0.006425	-0.02762
-0.04969	0.033083	0.031957	0.047589	0.033235	-0.00777	0.045152	0.002957	0.048255	-0.00832
0.029253	0.062451	0.030813	0.084047	0.02343	1.76E-04	0.042453	0.021967	0.060573	-0.00137
0.064748	0.068127	0.009748	0.045369	-0.00144	0.013405	0.041003	0.018044	0.053137	0.02378
0.043838	0.039112	0.02165	0.012298	-0.01015	0.018096	0.04283	0.018011	0.051166	0.025375
0.008592	0.033678	0.02752	0.044403	0.024525	0.028481	0.056467	0.022511	0.06405	0.019494
6.09E-04	0.05068	0.028328	0.066684	0.005458	0.023222	0.06982	0.060226	0.091702	0.038275
0.047692	0.068734	0.002018	0.039236	0.012379	0.030982	0.049832	0.081243	0.112091	0.042264
0.030764	0.072782	-0.01406	0.031761	0.039189	0.039628	0.021912	0.058523	0.083274	0.042481
-0.014	0.07683	7.72E-04	0.052138	0.03515	0.042725	0.030235	0.027661	0.070971	0.060401
-0.00901	0.094213	0.02673	0.071498	0.037656	0.0401	0.06426	0.029575	0.088385	0.062211
2.44E-04	0.099995	0.04799	0.09015	0.02697	0.053198	0.099232	0.063148	0.105782	0.042625
0.031335	0.070887	0.033958	0.096319	0.034336	0.058379	0.080219	0.062159	0.088405	0.048281
0.042885	0.056609	0.004373	0.083803	0.041957	0.07203	0.04883	0.038006	0.040495	0.078405
0.043343	0.076037	0.016495	0.080099	0.029215	0.076335	0.054306	0.037988	0.029296	0.085067
0.085258	0.112047	0.066382	0.11204	0.026331	0.081342	0.09703	0.083644	0.058017	0.065151
0.111029	0.102063	0.108611	0.115875	0.042362	0.127404	0.111587	0.123069	0.081343	0.056205
0.1008	0.071308	0.090127	0.085636	0.056985	0.13122	0.101794	0.11131	0.049279	0.060683
0.082922	0.066743	0.057604	0.070847	0.03602	0.10136	0.066074	0.071311	0.014592	0.070031
0.093268	0.070868	0.060949	0.077226	0.021338	0.090715	0.033824	0.071711	0.050399	0.104293
0.130443	0.097734	0.08123	0.065046	0.017861	0.075112	0.043495	0.106454	0.081223	0.130007
0.119468	0.097612	0.103076	0.027473	0.029143	0.065045	0.054748	0.12061	0.052761	0.137855
0.093268	0.070754	0.110811	0.063879	0.085208	0.041921	0.044592	0.112752	0.04481	0.129455
0.086431	0.041123	0.095256	0.092072	0.117643	0.047856	0.06043	0.12061	0.060458	0.102423
0.076858	0.026428	0.084293	0.032971	0.087878	0.078315	0.062754	0.105259	0.080221	0.098727
0.075889	0.060433	0.093413	0.013091	0.073065	0.067419	0.067002	0.117022	0.10451	0.137203
0.067298	0.084783	0.099757	0.054127	0.123995	0.117693	0.136845	0.139275	0.10122	0.164528
0.06693	0.084704	0.078845	0.104791	0.151867	0.118236	0.15902	0.108212	0.089569	0.163453
0.093906	0.083837	0.076301	0.092632	0.12562	0.056149	0.111145	0.082549	0.09004	0.121107
0.128141	0.099525	0.092474	0.055667	0.11257	0.060393	0.120273	0.091687	0.080341	0.093699
0.077116	0.107369	0.08158	0.053614	0.092586	0.049153	0.150335	0.087934	0.071815	0.096124
0.035169	0.085118	0.077321	0.078771	0.090133	0.070566	0.123395	0.052668	0.082529	0.044871
0.059292	0.076191	0.088997	0.099027	0.096697	0.099127	0.073791	0.047413	0.108273	0.067593
0.08232	0.097043	0.07025	0.084881	0.099586	0.052169	0.076227	0.086	0.130912	0.102423
0.10145	0.145063	0.104407	0.105709	0.121359	0.047745	0.10995	0.072206	0.116813	0.059855
0.074685	0.140982	0.094394	0.126598	0.124996	0.095457	0.118432	0.048929	0.106355	0.063328
0.049325	0.109618	0.055382	0.102026	0.08316	0.109577	0.071427	0.046621	0.098205	0.038865
0.092692	0.129224	0.056335	0.08535	0.025604	0.073991	0.044142	0.071102	0.074315	0.019323
0.097173	0.127371	0.075034	0.112909	0.043228	0.079308	0.049832	0.091886	0.040203	0.021313
0.087546	0.11012	0.095216	0.146073	0.08702	0.11208	0.070718	0.101775	0.035807	0.028354
0.092877	0.084448	0.088404	0.153479	0.122177	0.133107	0.089791	0.088804	0.067128	0.036009
0.065364	0.108867	0.12256	0.119126	0.062678	0.098627	0.023128	0.046064	0.085092	0.05841
0.108337	0.167784	0.134393	0.08762	-0.01199	0.060412	-0.0024	0.045723	0.051204	0.066409
0.156367	0.172633	0.109792	0.082524	-0.00703	0.059803	0.003789	0.077366	0.029919	0.051865
0.145189	0.122353	0.114174	0.09046	0.046599	0.067729	-0.007	0.094307	0.058569	0.059611

0.093165	0.058461	0.091657	0.10854	0.104275	0.089695	0.027039	0.127053	0.097683	0.103149
0.066001	0.069077	0.079426	0.077006	0.074688	0.070293	0.066908	0.137299	0.082187	0.132555
0.10755	0.081717	0.067774	0.055553	0.013153	0.054755	0.088394	0.100003	0.040495	0.113064
0.11616	0.056498	0.047325	0.084555	0.038787	0.071991	0.068409	0.065433	0.015419	0.086804
0.093968	0.063201	0.083725	0.098143	0.079094	0.088942	0.04544	0.063111	0.00224	0.081299
0.084512	0.105214	0.1143	0.092135	0.095822	0.068369	0.039202	0.068522	0.009612	0.061362
0.06854	0.092885	0.100325	0.047364	0.071782	0.02668	0.048266	0.094769	0.045511	0.068475
0.052816	0.057163	0.052953	0.012401	0.054479	0.038341	0.082966	0.078855	0.065015	0.084868
0.050591	0.036828	0.061302	0.033296	0.094242	0.076533	0.099355	0.077984	0.051878	0.090924
0.026722	0.024261	0.095638	0.056201	0.100259	0.053254	0.087498	0.08823	0.071069	0.120242
0.018869	0.048316	0.079716	0.06684	0.074133	0.007246	0.079945	0.080562	0.066856	0.078719
0.04577	0.066063	0.044243	0.011333	0.054346	0.022803	0.094921	0.074923	0.075878	0.049766
0.06998	0.067918	0.041414	-0.02935	0.041939	0.016561	0.071025	0.032681	0.080161	0.081042
0.026775	0.048515	0.057825	4.10E-04	0.038422	-4.86E-04	0.052393	-0.02052	0.053532	0.096881
-0.00422	0.079452	0.085351	0.052649	0.052119	0.021513	0.060598	-0.0243	0.091661	0.085765
-0.00564	0.085889	0.069739	0.07859	0.051404	0.028905	0.084109	0.04304	0.0937	0.049105
0.033409	0.070868	0.032461	0.060784	0.021531	0.034233	0.067515	0.049164	0.040532	0.039995
0.051786	0.078013	-0.0051	0.036621	0.016506	0.042359	0.022425	-0.02168	0.042234	0.082981
-0.00118	0.056535	-0.02945	0.031473	0.017044	0.051031	0.042489	-0.01748	0.061301	0.07223
-0.0402	0.031859	-0.01191	0.035146	0.001419	0.066955	0.074756	0.046729	0.052761	0.018895
-0.0145	-6.41E-04	0.02391	0.056125	0.02697	0.063278	0.05254	0.078448	0.023513	-0.01358
0.016501	-0.01377	0.006528	0.070985	0.062967	0.064276	0.036682	0.074386	0.007559	0.006949
0.001441	-0.00223	0.00408	0.06117	0.024101	0.0452	0.010617	0.050268	0.038454	0.049215
0.002625	0.014407	0.013058	0.036256	-0.00313	0.044336	-0.00269	0.047449	0.060611	0.044472
0.009711	-0.01169	0.013158	-0.00588	0.004546	0.062512	-0.00119	0.058375	0.02983	0.036917
0.025119	-0.02427	9.66E-04	-0.00954	-0.00257	0.007397	-0.00884	0.059336	-0.00184	0.0396
0.027994	-0.01849	-0.00392	0.009325	0.002341	-0.01619	0.003231	0.031082	-0.01337	0.021382
0.034001	-0.02686	0.039838	0.01323	-0.01405	0.011189	0.023008	0.053708	4.04E-04	0.020283
0.041568	0.003837	0.049162	-0.0263	-0.04547	0.012006	0.020137	0.097327	0.029741	0.044998
0.012401	0.015616	6.27E-04	-0.04929	-0.03127	0.012603	0.038295	0.063167	0.025997	0.074868
-0.01089	-0.02641	-0.02221	-0.02811	0.001084	0.003789	0.049158	0.017859	0.025767	0.090439
0.018575	-0.02794	0.012975	-0.01368	0.039939	-0.02663	0.048503	0.027833	0.053777	0.070339
0.037207	0.015414	0.055987	-0.01034	0.044559	-0.01769	0.050654	0.029558	0.04013	0.011617
0.026545	0.04799	0.049723	-0.02814	0.020689	-0.00683	0.029974	0.002811	0.034364	-3.41E-05
-0.01634	0.041944	0.041627	0.01068	0.001385	-0.01395	0.026624	-0.03581	0.028655	-0.00468
-8.18E-04	0.048388	0.038938	0.038613	0.004968	-0.01179	0.03193	-0.02408	0.005717	-0.01045
-0.00718	0.043322	0.003543	-0.01808	-0.00268	-0.02679	0.011268	-0.00327	0.004655	-0.01734
-0.03037	0.035611	0.013973	-0.03205	0.013291	-0.01792	0.018148	-0.01109	0.016991	-0.02058
0.001707	0.028658	-0.001	0.017588	0.066534	0.033947	0.040289	0.002714	0.032225	-0.00503
0.015881	0.02996	-0.01686	0.056449	0.045003	0.027809	-2.12E-04	0.008208	0.029082	0.003188
0.003276	0.027084	-0.01227	0.039621	-0.02927	-0.02419	-0.03761	-0.01992	4.04E-04	-0.01073
0.016915	0.041712	-0.01158	0.016212	-0.04022	3.59E-04	-0.01512	-0.01358	-0.01839	-0.02837
0.029217	0.043663	0.001176	0.03491	-0.01702	0.037274	0.021485	0.0065	-0.0216	-0.0554
0.026898	0.00704	0.002747	0.035455	-0.04668	-0.00331	-0.00992	0.00668	-0.03513	-0.06719
0.024873	0.004213	-0.01282	-0.00934	-0.06059	-0.00873	-0.05913	0.007501	-0.02403	-0.04815
0.018973	-3.98E-04	0.006888	-0.03345	-0.03165	-5.69E-04	-0.04558	0.018448	-0.00549	-0.00819
0.03634	0.008295	0.020567	-0.01396	-0.02659	-0.02766	-0.01223	0.011844	-0.02395	-0.00521

0.053359	0.019603	0.003771	1.59E-04	-0.0245	-0.01308	-0.01572	0.012541	-0.02479	-0.0012
0.025911	-0.01022	0.007396	-0.01095	-1.20E-04	0.025852	0.017217	0.034041	-0.01607	0.037989
1.13E-05	-0.02742	0.028862	0.006696	0.028198	0.028622	0.060897	0.05843	0.003295	0.05168
0.014283	0.0016	0.057475	0.015186	0.038257	0.022	0.046217	0.028919	0.025291	0.031178
0.038076	0.018383	0.046732	-0.00836	0.027592	-0.02166	-0.01033	-0.0252	0.011283	0.020008
0.032299	2.67E-04	0.038761	-0.01243	0.028091	-0.03188	-0.01389	-0.01529	-0.00126	0.028617
0.005943	0.004099	0.038867	-0.00443	0.010716	0.005161	0.03451	0.00783	0.016905	0.023244
0.023767	0.020725	0.024046	0.010817	0.003804	-0.00488	0.041558	0.015895	0.030901	-0.03337
0.070878	0.059167	0.010012	-0.01729	0.021636	-0.01132	0.035427	0.011081	0.008661	-0.05163
0.105895	0.080446	0.027399	-0.01378	0.052986	0.005614	0.037177	0.001821	0.016179	-0.02895
0.072659	0.136693	0.094093	0.047589	0.090729	0.007027	0.054785	0.030198	0.067536	-0.02261
0.083203	0.195814	0.162249	0.136811	0.123573	0.008224	0.08488	0.07339	0.092896	-0.00106
0.230755	0.231326	0.157635	0.15453	0.13726	0.063432	0.111545	0.07074	0.083698	0.009202
0.301785	0.267413	0.175328	0.130632	0.201163	0.167067	0.165541	0.079184	0.075759	0.04691
0.266058	0.296922	0.279798	0.22963	0.255755	0.197832	0.205723	0.089975	0.113883	0.110416
0.279271	0.345287	0.346589	0.316582	0.248888	0.19956	0.249717	0.17507	0.176484	0.111114
0.371493	0.35111	0.289047	0.286292	0.229737	0.264923	0.29273	0.244012	0.198838	0.085207
0.395323	0.360273	0.287762	0.253628	0.286168	0.335751	0.291742	0.229391	0.229856	0.147568
0.338323	0.292318	0.34416	0.281908	0.357081	0.344673	0.301595	0.219991	0.26663	0.274245
0.252373	0.274864	0.364353	0.333839	0.343206	0.297659	0.337354	0.25797	0.298325	0.323087
0.262064	0.321791	0.314331	0.334164	0.277318	0.278742	0.361231	0.323954	0.302179	0.265375
0.338251	0.320194	0.237213	0.278521	0.262427	0.306597	0.344664	0.326961	0.296378	0.240028
0.341517	0.315707	0.264353	0.277186	0.289896	0.285916	0.308555	0.293804	0.30789	0.305758
0.253413	0.323564	0.345623	0.336013	0.293886	0.247176	0.333867	0.277716	0.304656	0.301016
0.219854	0.311964	0.326777	0.351208	0.246938	0.24009	0.354889	0.312795	0.28632	0.244923
0.267069	0.256441	0.210255	0.318601	0.23983	0.315516	0.348022	0.333559	0.275766	0.255677
0.220901	0.22268	0.184182	0.280371	0.332158	0.367389	0.301107	0.292409	0.287189	0.307284
0.209704	0.293655	0.284118	0.290754	0.385545	0.365694	0.307629	0.279772	0.320481	0.33731
0.242226	0.352789	0.357101	0.311917	0.30389	0.302521	0.360298	0.313759	0.355065	0.330841
0.281867	0.283036	0.256104	0.305808	0.238469	0.286364	0.347804	0.356391	0.32233	0.254233
0.276627	0.233571	0.179818	0.311951	0.291886	0.326797	0.277924	0.32036	0.245739	0.200263
0.195652	0.281699	0.203247	0.311917	0.322646	0.309054	0.197394	0.223273	0.260129	0.289828
0.207692	0.338974	0.291532	0.33006	0.309065	0.269737	0.219063	0.175553	0.304052	0.323432
0.296005	0.350056	0.341038	0.330454	0.194343	0.274481	0.29372	0.264423	0.317567	0.269528
0.322869	0.277899	0.233774	0.269762	0.179171	0.321033	0.2774	0.324193	0.319091	0.268889
0.313444	0.227118	0.185391	0.258646	0.286103	0.321241	0.226779	0.28051	0.264636	0.274245
0.249976	0.263288	0.275003	0.252009	0.269048	0.290549	0.231631	0.206508	0.27756	0.286489
0.223448	0.267743	0.314331	0.174652	0.140018	0.23363	0.280212	0.23068	0.319716	0.2595
0.245017	0.213565	0.273941	0.244146	0.189924	0.223034	0.314553	0.276219	0.281011	0.22865
0.257627	0.222166	0.252052	0.278489	0.261908	0.283904	0.218148	0.231725	0.245856	0.286932
0.210458	0.279625	0.247267	0.283708	0.273007	0.271622	0.16156	0.172468	0.219774	0.31703
0.127362	0.298241	0.26246	0.260108	0.228944	0.252063	0.203223	0.192223	0.251373	0.277677
0.193755	0.230002	0.218229	0.217682	0.118761	0.281521	0.300847	0.278237	0.250068	0.197776
0.24458	0.15302	0.166533	0.221963	0.197095	0.303819	0.295836	0.26962	0.207902	0.218727
0.203058	0.169506	0.158749	0.23967	0.301676	0.250172	0.212541	0.263297	0.252651	0.302196
0.173272	0.241787	0.205286	0.276172	0.228633	0.212636	0.147768	0.24178	0.317809	0.295127
0.194145	0.266483	0.264323	0.23758	0.158335	0.232581	0.174709	0.261966	0.306472	0.272371

0.181108	0.097368	0.200526	0.160406	0.163341	0.243531	0.173373	0.242852	0.17977	0.188957
0.178272	0.07355	0.144192	0.180759	0.212019	0.23227	0.141776	0.208409	0.069523	0.126421
0.204066	0.104161	0.181578	0.252428	0.244233	0.198564	0.158785	0.202551	0.139409	0.193664
0.221039	0.194517	0.246442	0.220179	0.163463	0.214099	0.127083	0.209637	0.197918	0.233586
0.186913	0.206618	0.260958	0.177442	0.205725	0.250496	0.210635	0.190993	0.221046	0.232326
0.136923	0.161056	0.227522	0.174026	0.226686	0.176468	0.248706	0.22214	0.158737	0.211417
0.158633	0.124941	0.215281	0.161669	0.18786	0.103458	0.184894	0.236654	0.191819	0.212725
0.193833	0.160868	0.215625	0.157747	0.206262	0.213665	0.170618	0.252448	0.25898	0.191648
0.195418	0.191683	0.166368	0.140664	0.272412	0.281173	0.230247	0.271547	0.236977	0.210699
0.114234	0.157427	0.168121	0.182209	0.280651	0.294025	0.286395	0.232386	0.16675	0.261888
0.116919	0.142128	0.187223	0.192451	0.221316	0.156819	0.226067	0.203892	0.170159	0.202241
0.144379	0.148544	0.162553	0.164108	0.163828	0.0716	0.170811	0.205237	0.205171	0.14681
0.120365	0.152582	0.120384	0.094462	0.141889	0.113347	0.177465	0.232028	0.219609	0.191546
0.087363	0.122611	0.046355	0.086801	0.158888	0.15414	0.156331	0.138252	0.126481	0.219161
0.045623	0.061721	0.04596	0.096612	0.13139	0.122851	0.164353	0.064851	0.125991	0.252033
0.002992	0.10511	0.120874	0.181191	0.129991	0.078653	0.116982	0.089459	0.16001	0.176559
0.033194	0.142105	0.126533	0.149228	0.166319	0.0657	0.142227	0.112794	0.13687	0.13532
0.105789	0.112047	0.023995	0.047215	0.147904	0.10392	0.135621	0.068579	0.109556	0.184927
0.112274	0.093246	0.068019	0.087908	0.114653	0.126184	0.105801	-0.00215	0.098163	0.19551
0.040929	0.083503	0.104161	0.120429	0.058167	0.102156	0.115473	0.070854	0.148872	0.150685
0.031156	0.085257	0.060282	0.072824	0.022269	0.026873	0.08273	0.064776	0.126971	0.07676
0.09335	0.118436	-1.87E-05	0.067956	0.034029	0.052132	0.086365	0.054531	0.112005	0.085586
0.106107	0.054948	0.037898	0.110481	0.11668	0.114618	0.073946	0.03329	0.125924	0.168469
0.09405	0.067558	0.110644	0.118223	0.083342	0.16016	0.074756	0.106475	0.155415	0.191266
0.108018	0.109953	0.096241	0.085656	0.040195	0.127315	0.129684	0.155208	0.140512	0.147499
0.081979	0.039521	0.004519	0.098753	0.045615	0.128628	0.140269	0.1827	0.120443	0.116114
0.060549	-0.02547	0.028242	0.113344	0.049004	0.101486	0.12374	0.168713	0.160949	0.078268
0.08228	0.026204	0.036388	0.056315	0.103214	0.119522	0.04996	0.15641	0.191896	0.153871
0.105133	0.076888	0.088661	0.081289	0.144863	0.161696	0.10578	0.156896	0.203227	0.246653
0.079899	0.033451	0.119088	0.124763	0.124395	0.193671	0.139685	0.150022	0.086715	0.184075
0.02389	0.009935	0.159097	0.16235	0.119354	0.195304	0.158574	0.163434	0.07266	0.138462
0.0502	0.058832	0.199913	0.176485	0.095323	0.153786	0.136957	0.187174	0.154536	0.151242
0.148144	0.094979	0.15854	0.166658	0.154671	0.080683	0.161442	0.194365	0.162713	0.13494
0.123199	0.129617	0.128133	0.11928	0.186472	0.16004	0.190531	0.148405	0.139294	0.18992
0.070429	0.122267	0.127722	0.081108	0.190209	0.119173	0.169272	0.137188	0.129744	0.190757
0.061428	0.126501	0.074498	0.104322	0.186601	0.072951	0.149899	0.174901	0.092093	0.188476
0.021529	0.020861	0.03333	0.123402	0.126625	0.068815	0.19033	0.17949	0.140052	0.192514
0.072444	0.018637	0.021024	0.124852	0.130013	0.130795	0.171873	0.164235	0.172109	0.122212
0.025541	0.076462	0.071028	0.088257	0.163317	0.125564	0.127323	0.086571	0.065693	0.076096
0.008542	0.100608	0.072359	0.071182	0.101629	0.060127	0.097234	0.053453	0.039419	0.074071
0.045512	0.077547	0.02969	0.032483	-0.0283	-0.00945	0.085117	0.029575	0.052179	0.079387
0.034503	0.034433	0.056409	0.053425	-0.01753	0.050733	0.096665	0.022392	0.075245	0.017409
0.034629	0.093226	0.061673	0.077627	0.035313	0.057244	0.035462	0.025618	0.110543	0.05963
0.04747	0.127958	0.0796	0.094337	0.024666	0.024027	0.04188	-0.06058	0.074473	0.133601
0.110045	0.154245	0.117437	0.076646	-0.00287	0.02765	0.079495	-0.00577	0.041684	0.066523
0.104246	0.045875	0.055272	0.036657	0.013929	0.029118	0.079359	0.05455	0.062856	-0.01025
0.091175	0.021747	0.015191	0.082483	0.111209	0.064026	0.002446	-0.00918	0.022828	-0.03928

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

70	71	72	73	74	75	76	77	78	79
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.108514	0.054257	0.027128	0.013564	0.006782	0.003391	0.001696	8.48E-04	4.24E-04	2.12E-04
0.606782	0.662061	0.714996	0.653267	0.640068	0.679395	0.892268	0.925857	0.949022	0.751263
0.224628	0.255829	0.277885	0.224797	0.250247	0.246766	0.249128	0.248742	0.264803	0.224768
0.088329	0.107202	0.130684	0.102419	0.103797	0.113273	0.05723	0.043699	0.08065	0.080417
0.042515	-0.0275	0.021859	0.011731	0.012848	0.038611	-0.01203	-0.02107	-0.05665	0.010576
-0.04347	-0.07223	-0.06159	-0.03919	-0.0551	-0.05731	-0.0922	-0.07175	-0.13211	-0.0605
-0.07957	-0.10565	-0.11011	-0.07038	-0.14818	-0.1406	-0.14444	-0.12797	-0.15707	-0.13232
-0.07349	-0.128	-0.11665	-0.14062	-0.20125	-0.16539	-0.15508	-0.15086	-0.14255	-0.12888
-0.10084	-0.15455	-0.1041	-0.15014	-0.16616	-0.1301	-0.17341	-0.14601	-0.13265	-0.1218
-0.12159	-0.17644	-0.15271	-0.15768	-0.14914	-0.14005	-0.14601	-0.13572	-0.16473	-0.12429
-0.10309	-0.16544	-0.1591	-0.13845	-0.11839	-0.15106	-0.14396	-0.14418	-0.16391	-0.11238
-0.10745	-0.15306	-0.1591	-0.1543	-0.12749	-0.1496	-0.15154	-0.13342	-0.14786	-0.13128
-0.14502	-0.1459	-0.14847	-0.18774	-0.13385	-0.12182	-0.13329	-0.14187	-0.16906	-0.17715
-0.15745	-0.15077	-0.15541	-0.20013	-0.15853	-0.16865	-0.15273	-0.19927	-0.16206	-0.17215
-0.14696	-0.16145	-0.15452	-0.17333	-0.15414	-0.1934	-0.16992	-0.21072	-0.1256	-0.15617
-0.1281	-0.14818	-0.14324	-0.17517	-0.14572	-0.18398	-0.17193	-0.20784	-0.1569	-0.1748
-0.14242	-0.12667	-0.16187	-0.17584	-0.15276	-0.16992	-0.12467	-0.15723	-0.16806	-0.18068
-0.17085	-0.12217	-0.17527	-0.1613	-0.15397	-0.15855	-0.13831	-0.14432	-0.15013	-0.17546
-0.18963	-0.17006	-0.18587	-0.16066	-0.16451	-0.15555	-0.19312	-0.16567	-0.12425	-0.1528
-0.1974	-0.15916	-0.15897	-0.16355	-0.15781	-0.17336	-0.19288	-0.17993	-0.17996	-0.16899
-0.17653	-0.14838	-0.15255	-0.17077	-0.17474	-0.16221	-0.16813	-0.16795	-0.21829	-0.17499
-0.13488	-0.1754	-0.15477	-0.13715	-0.17664	-0.14596	-0.164	-0.18154	-0.17892	-0.17024
-0.14147	-0.15945	-0.15156	-0.15127	-0.16789	-0.14497	-0.17159	-0.19037	-0.16953	-0.1804

-0.15425	-0.15026	-0.16328	-0.1702	-0.17021	-0.16096	-0.17438	-0.17116	-0.1562	-0.16159
-0.15399	-0.20935	-0.20821	-0.18825	-0.17961	-0.1712	-0.172	-0.1491	-0.16989	-0.15558
-0.16607	-0.21855	-0.18148	-0.19096	-0.16578	-0.1529	-0.174	-0.16777	-0.18076	-0.16963
-0.16345	-0.18487	-0.13052	-0.16668	-0.1937	-0.17877	-0.17441	-0.2006	-0.18084	-0.16189
-0.17789	-0.18248	-0.14926	-0.17642	-0.18988	-0.20475	-0.1722	-0.15796	-0.20346	-0.14224
-0.15745	-0.15397	-0.18583	-0.17615	-0.16319	-0.17442	-0.1904	-0.15311	-0.21764	-0.15217
-0.15176	-0.17575	-0.19317	-0.16963	-0.16472	-0.16789	-0.18178	-0.18764	-0.18159	-0.15547
-0.15193	-0.17642	-0.15434	-0.15566	-0.1558	-0.15903	-0.16729	-0.19054	-0.17077	-0.15353
-0.14166	-0.16697	-0.14082	-0.16905	-0.15476	-0.17192	-0.14467	-0.14944	-0.18165	-0.1566
-0.1462	-0.15883	-0.13515	-0.16724	-0.16705	-0.18567	-0.15713	-0.15274	-0.17647	-0.15164
-0.14703	-0.16813	-0.1472	-0.17914	-0.16516	-0.17924	-0.16782	-0.15971	-0.16088	-0.14929
-0.13317	-0.16643	-0.15374	-0.1838	-0.1561	-0.15037	-0.15051	-0.14292	-0.15034	-0.15474
-0.1482	-0.14217	-0.14302	-0.16937	-0.14682	-0.14533	-0.15476	-0.1525	-0.15818	-0.1337
-0.16309	-0.12969	-0.13173	-0.1467	-0.12452	-0.1546	-0.14263	-0.13253	-0.1502	-0.13068
-0.13774	-0.14588	-0.13516	-0.13806	-0.12534	-0.17219	-0.14346	-0.14267	-0.14475	-0.14782
-0.11674	-0.14239	-0.12218	-0.12912	-0.10689	-0.14939	-0.13484	-0.14951	-0.16757	-0.18771
-0.12106	-0.12565	-0.10232	-0.11632	-0.0955	-0.13218	-0.11724	-0.12534	-0.15561	-0.16841
-0.12851	-0.12216	-0.10458	-0.11654	-0.13225	-0.14437	-0.09726	-0.0898	-0.09982	-0.09176
-0.113	-0.09797	-0.10564	-0.11861	-0.14527	-0.11943	-0.083	-0.09753	-0.08522	-0.10194
-0.10331	-0.11086	-0.08794	-0.11616	-0.11901	-0.10127	-0.0815	-0.11857	-0.0929	-0.12189
-0.11314	-0.12676	-0.078	-0.08791	-0.06888	-0.07755	-0.07354	-0.12316	-0.08816	-0.10222
-0.11848	-0.08754	-0.0816	-0.0636	-0.05919	-0.10697	-0.07567	-0.12079	-0.06572	-0.06894
-0.09826	-0.06091	-0.0776	-0.0718	-0.0788	-0.10498	-0.05225	-0.09392	-0.04972	-0.057
-0.09394	-0.07329	-0.06176	-0.0845	-0.05757	-0.07281	-0.05797	-0.09627	-0.0471	-0.07567
-0.07395	-0.03021	-0.06402	-0.09145	-0.04485	-0.06844	-0.07585	-0.12084	-0.06327	-0.07383
-0.04885	-2.11E-05	-0.05188	-0.08188	-0.0472	-0.06883	-0.04715	-0.12007	-0.04751	-0.05086
-0.06726	-0.02478	-0.07151	-0.07518	-0.07095	-0.0884	-0.03403	-0.05983	-0.01272	-0.027
-0.067	-0.05195	-0.10072	-0.09116	-0.08019	-0.0835	-0.03718	-0.04337	-0.01477	-0.04812
-0.05255	-0.02964	-0.10071	-0.06599	-0.04774	-0.04207	-0.0468	-0.06631	-0.06005	-0.07783
-0.08114	-0.02295	-0.08103	-0.027	-0.02022	-0.04222	-0.03489	-0.05171	-0.0525	-0.07946
-0.10346	-0.03706	-0.07173	-0.0353	-0.06397	-0.04696	-0.01435	-0.02379	-6.98E-04	-0.04555
-0.05946	-0.03252	-0.06649	-0.05157	-0.0671	-0.02451	-0.01911	-0.03903	0.01259	-0.03255
-0.0256	-0.01131	-0.0376	-0.04028	-0.04258	-0.01835	-0.03275	-0.05438	-0.01437	-0.04727
-0.04586	0.006125	-0.034	-0.02696	-0.02958	-0.03319	-0.03209	-0.02668	-0.01916	-0.04346
-0.04147	0.005573	-0.04681	-0.0448	-0.07837	-0.03471	-0.03141	-0.04977	-0.00258	-0.04943
-0.0354	-0.01521	-0.04467	-0.04203	-0.10667	-0.01132	-0.01298	-0.05025	0.023196	-0.04196
-0.02171	-0.00595	-0.01774	-0.01781	-0.05046	-0.00157	-0.0046	-0.00392	0.00832	-0.04173
-0.01716	0.010566	-0.01241	0.015097	-0.01987	-0.00123	-0.01428	0.019659	-0.02538	-0.03577
-0.04831	0.013068	-0.01544	0.041447	-0.01559	0.003367	-0.02626	0.007594	-0.0304	-0.01672
-0.0404	0.016831	-0.00813	0.013151	-0.03713	0.014789	-0.03407	0.009109	-0.0251	-0.02346
-0.01709	-0.00399	9.76E-04	-0.02117	-0.03629	0.028308	0.008108	-0.01221	0.010317	-0.03188
-0.03521	0.00405	-0.00385	-0.00957	-0.0126	0.031522	0.00281	-0.02759	-0.02447	-0.031
-0.05261	0.020997	-0.02282	0.027043	-0.01239	5.33E-04	-0.01486	-0.01059	-0.04062	-0.02571
-0.00944	0.015236	-0.02055	0.032345	-0.03414	-0.00919	-0.03252	-2.08E-04	-0.05107	-0.03497
0.043977	0.038632	0.00945	-0.00206	-0.05775	-0.00506	-0.03397	0.0212	-0.00979	-0.02576
0.024597	0.004357	0.006591	-0.03709	-0.05963	-0.00548	-0.02385	0.036737	0.016717	-0.03923
-0.0141	-0.03036	-0.0118	-0.00547	-0.00506	-0.00677	-0.02781	0.015355	-0.03172	-0.02553

0.01148	0.018165	0.023218	0.055533	0.006963	-0.02758	-0.02673	0.004042	-0.0468	-0.00503
0.01368	0.011815	0.003067	0.058941	-2.83E-04	0.008441	-0.02379	0.01043	-0.04475	-1.05E-04
-0.00116	-0.03516	-0.02908	-0.00177	-0.056	0.04192	0.003781	0.020742	-0.01641	-0.00708
0.004495	-0.02739	-0.02077	-0.04536	-0.08733	-5.41E-05	-0.00171	0.0084	-0.02758	-0.00165
0.014009	0.007084	-0.01431	-0.01691	-0.04441	-0.02645	-0.0326	-0.03816	-0.08931	-0.00269
9.80E-04	8.13E-04	-0.01597	-4.07E-04	-0.0285	-0.02608	-0.04541	-0.03714	-0.09439	-0.01458
-0.02346	-0.02138	-0.02732	-0.01825	-0.05135	-0.01114	-0.05941	-0.00738	-0.04493	-0.01591
-0.01105	-0.0447	-0.02369	-0.04185	-0.07268	-0.01374	-0.06513	-0.01095	-0.03881	-0.0154
-0.00556	-0.04245	-0.01168	-0.04618	-0.03918	-0.02836	-0.07062	-0.01444	-0.05415	0.002023
0.013976	-0.02756	-0.01136	-0.0392	-0.00496	-0.03584	-0.06007	-0.0043	-0.05033	-0.00874
0.037531	0.001921	0.013209	-0.0176	-0.02263	-0.04078	-0.0737	-0.00941	-0.03453	-0.01441
-0.00422	0.002581	0.02465	-0.03198	-0.01212	-0.02086	-0.07382	-0.01781	-0.04117	-0.02506
-0.0276	-0.02787	-0.01233	-0.06053	-0.01444	0.013307	-0.02185	-0.02408	-0.06987	-0.03488
-0.01475	-0.04784	-0.03029	-0.04689	0.007944	0.008957	-0.00338	-0.03418	-0.06905	0.004519
-0.01106	-0.06638	-0.01318	-0.01987	0.004463	-0.02556	-0.04514	-0.04186	-0.06664	0.026866
-0.00325	-0.03224	0.007952	-0.04749	-0.0279	-0.01941	-0.07325	-0.04468	-0.07128	0.022914
0.013482	0.006986	-0.02765	-0.07807	-0.03007	-0.00866	-0.03964	-0.02921	-0.0627	0.017571
-0.00176	-0.04232	-0.05619	-0.05598	-0.02241	-0.00904	-0.00242	-0.02912	-0.04486	0.010938
-0.01458	-0.06581	-0.0283	-0.04729	-0.02699	-0.04038	-0.00201	-0.03905	-0.02479	0.024953
-0.01368	-0.06668	-0.00754	-0.05826	-0.0437	-0.06582	-0.01496	-0.06746	-0.02188	0.018359
0.002309	-0.03353	-0.0087	-0.04198	-0.01303	-0.06593	-0.00969	-0.04142	-0.03475	-0.01871
-0.01339	-0.00297	-0.04235	-0.05316	0.008027	-0.03789	0.00415	-0.01887	-0.04265	-0.03761
-0.03709	-0.03313	-0.02722	-0.08426	-0.02448	-0.06347	-0.03809	-0.08489	-0.04147	-0.01783
-0.02075	-0.0379	0.00682	-0.08142	-0.04175	-0.08174	-0.05603	-0.07193	-0.04458	-0.02425
0.016288	-0.02672	0.019001	-0.04508	-0.03667	-0.09653	-0.0257	-0.02343	-0.04392	-0.06007
0.018729	-0.02185	-0.01109	-0.03338	-0.01273	-0.06496	-0.01683	-0.01883	-0.03364	-0.05134
-0.03564	-0.04853	-0.04772	-0.05462	0.020866	-0.00807	-0.0044	-0.04124	-0.02191	-0.04796
-0.06491	-0.06268	-0.04608	-0.04756	9.44E-04	-0.03014	0.009209	-0.05239	-0.01443	-0.03459
-0.04612	-0.03824	-0.00849	-0.03528	-0.02421	-0.07007	-0.01449	-0.06725	-0.0319	-0.04755
-0.03713	-0.01831	0.005985	-0.03485	-0.01185	-0.09489	-0.05635	-0.04228	-0.02941	-0.0617
-0.04361	-0.01627	-0.05807	-0.05576	0.002765	-0.0502	-0.03283	-0.01295	-0.02039	-0.04006
-0.04711	-0.05981	-0.07106	-0.04942	0.003012	0.001432	0.010875	-0.04212	-0.00449	-0.02724
-0.04492	-0.03999	-0.02997	-0.0197	-0.02715	-0.0496	-0.0103	-0.04672	0.006085	-0.03645
-0.01549	0.03122	0.007099	-0.03925	-0.03489	-0.07262	-0.02101	-0.04799	-0.00476	-0.05312
0.002276	0.05119	0.021249	-0.02195	-0.03417	-0.05959	0.010823	-0.05614	-0.02641	-0.06451
-0.01941	-0.01047	-0.03187	0.009884	-0.02732	-0.03676	0.040194	-0.04265	-0.02787	-0.06997
-0.06259	-0.05709	-0.07615	-0.01233	-0.03129	-0.01469	-0.00692	-0.04038	-0.01038	-0.06081
-0.06239	-0.03319	-0.05737	-0.05811	-0.0653	-0.04842	-0.04013	-0.05692	-0.01691	-0.03829
-0.03316	0.016698	-0.03181	-0.05609	-0.0609	-0.04893	-0.0045	-0.03428	-0.03778	-0.04339
-0.02383	0.023509	-0.04909	-0.02373	-0.03261	-0.02425	0.023627	-0.01823	-0.04025	-0.06223
-0.01724	-0.00165	-0.0431	-0.00309	0.002552	0.004156	-0.00427	-0.02823	-0.01138	-0.04708
-0.03639	-0.00302	-0.02993	0.005537	-0.02758	-0.01597	-0.03444	-0.06287	-9.58E-04	-0.01906
-0.03865	0.011223	-0.02568	-0.00162	-0.05559	-0.06379	-0.0462	-0.07827	-0.02798	-0.00968
-0.00918	0.005281	-0.02272	-0.00608	-0.07239	-0.06226	-0.02295	-0.05259	-0.04089	-0.03276
0.004124	-0.0041	-0.02978	-0.00353	-0.05317	-0.01254	0.012803	-0.03883	-0.0171	-0.0329
-0.01852	0.005865	-0.01759	-0.00476	-0.04349	5.33E-04	-0.01136	-0.05419	-0.01233	-0.02157
-0.02077	0.021418	-0.00101	-0.02625	-0.08066	-0.04442	-0.0406	-0.0587	-0.02106	-0.04513

-0.03143	0.012424	-0.01076	-0.02469	-0.06504	-0.0398	-0.03142	-0.04929	-0.02194	-0.08431
-0.05014	0.012523	-0.00514	0.033869	-0.00475	-0.02944	-0.01707	-0.04042	-0.04947	-0.10465
-0.01027	0.007605	-0.00982	0.050945	-0.00715	-0.02838	-0.03067	-0.02302	-0.04581	-0.07695
-0.0241	-0.01476	-0.03747	0.01352	-0.03685	-0.02569	-0.06943	-0.03643	-0.01515	-0.01409
-0.04835	-0.00542	-0.02917	-0.01348	-0.05462	-0.03345	-0.08213	-0.04553	-0.02755	0.006817
-0.0132	0.023425	-0.02298	-0.00411	-0.06251	-0.01067	-0.04574	-0.03028	-0.02815	-0.01982
0.008006	0.001085	-0.0261	0.018827	-0.05107	-4.78E-04	-0.03761	-0.01859	-0.04832	-0.04613
-0.02746	-0.03062	-0.03282	0.006624	-0.04038	-0.00137	-0.04849	4.71E-04	-0.04253	-0.04396
-0.00921	-0.00154	-0.00541	0.002114	-0.03614	-0.00124	-0.02792	0.025683	-0.01052	-0.02719
0.035484	0.022024	-0.01039	-0.01837	-0.08325	-0.00869	-0.00877	0.004629	-0.05284	-0.02396
0.035535	-0.00523	-0.04477	-0.01502	-0.08305	0.01587	0.00782	-0.01822	-0.06672	-0.04719
0.02683	-0.01114	-0.00955	0.028462	-0.03095	0.022293	-0.02128	-0.00411	-0.01298	-0.03403
0.003931	-0.02287	0.002499	0.011364	-0.01488	0.015701	-0.0434	0.010877	0.046954	0.038082
0.024006	-0.01326	-0.00865	-0.01165	-0.03559	0.00503	-0.04935	0.008433	0.014809	0.044058
0.042321	0.011009	-0.02221	0.001299	-0.03121	0.007312	-0.05519	-0.01687	-0.04123	0.002427
0.027918	-0.01572	-0.02498	-0.01348	-0.04407	0.004189	-0.02681	-0.02968	-0.05631	-0.00398
0.012365	-0.01634	-0.01326	-0.0398	-0.07823	-0.02691	-0.04638	-0.02013	-0.06457	-0.0053
0.011578	-0.00719	0.00476	-0.02443	-0.05608	-0.04201	-0.06733	-0.02259	-0.0524	0.001232
0.03159	0.011799	0.012743	-0.0285	-0.04634	-0.0409	-0.04925	-0.03469	-0.04806	0.023796
0.030425	0.014755	8.79E-04	-0.02203	-0.02736	-0.02009	-0.02306	-0.02768	-0.03967	0.019619
-0.00991	-0.0364	0.011565	0.032292	0.01033	0.010842	0.003479	-0.01506	-0.05375	0.014217
-0.02371	-0.06565	0.013492	0.039362	0.019155	-5.41E-05	-0.01436	9.89E-05	-0.04584	0.037555
0.009275	-0.04675	-2.19E-04	-0.00576	-0.00464	-0.05285	-0.03761	0.023273	-0.01816	0.053616
0.037704	-0.03008	-0.02086	-0.03638	-0.02061	-0.04757	-0.03593	0.017149	-0.00294	0.035194
0.029861	-0.0272	-0.01164	-0.00951	0.007395	0.003416	-0.02027	0.00507	-0.0024	-0.00278
0.007081	0.004568	0.023883	0.007333	-0.00115	0.011964	-0.01997	0.014218	-0.03949	0.010444
0.011758	0.02056	0.035525	-0.03688	-0.02408	-0.02996	-0.04265	0.022456	-0.01142	0.055696
0.027697	0.004341	0.027735	-0.04476	-0.01219	-0.03387	-0.03888	0.027881	-0.00436	0.046558
0.03135	-0.0194	0.024514	-0.04502	-0.01085	-0.01641	-0.0437	-0.00678	-0.03374	0.016283
0.017549	-0.03206	0.032281	-0.04329	-0.00444	-0.01567	-0.0508	-0.02841	-0.04397	0.014882
-0.02715	-0.03597	0.046662	-0.01569	0.023428	-0.01818	-0.0064	-0.00767	-0.03441	0.03838
-0.03553	-0.02548	0.026036	-0.00817	0.031664	-0.01972	0.017014	0.030334	0.012708	0.068144
0.00864	-0.00529	-0.002	-0.0155	0.009311	-0.01067	0.010432	-0.01094	0.028136	0.048622
0.01843	-0.0143	0.025899	-0.02214	0.017025	-0.01843	-0.01275	-0.04264	0.002762	0.034079
0.010825	4.12E-04	0.059958	-0.01652	0.038253	-0.01656	-0.00506	0.006461	0.005689	0.043773
0.011349	0.006303	0.04537	0.001332	0.042882	-0.02996	0.017066	0.044898	0.04779	0.061051
0.011038	-2.29E-04	0.02091	-0.01288	0.01866	-0.0311	0.042826	0.039169	0.044801	0.032498
0.032826	-0.00625	-0.00524	-0.05854	0.001517	-0.00704	0.043101	-0.00143	0.009151	-0.02945
0.027255	-0.01811	-0.00947	-0.06433	0.019018	-0.01609	1.61E-04	-0.03194	-0.03304	-0.02005
-0.01331	0.022209	0.016816	-0.04536	0.011285	-0.03349	8.76E-04	-0.04483	-0.02135	0.040688
-0.0239	0.039175	-0.00228	-0.03578	-0.01466	-0.0498	0.022471	2.77E-04	0.019569	0.06352
0.004736	0.00632	-0.04008	-0.04884	-0.00881	-0.02984	0.027626	0.020099	0.027963	0.023542
0.009715	-0.01801	-0.00713	-0.0298	0.025832	0.01462	0.026001	-0.01584	0.018327	-0.0147
-0.00708	-0.00382	0.030893	0.014929	0.033231	0.02046	0.012461	0.011606	0.022955	0.006458
-0.03011	-0.01969	-0.00548	0.009535	0.009745	-0.01024	0.043559	0.03744	0.02798	0.066735
-0.01128	0.00292	-0.01554	-0.01289	0.01936	0.010942	0.087921	0.054806	0.043107	0.064042
0.034913	0.032064	0.020436	-0.01396	0.042035	0.013559	0.074783	0.028157	0.041509	0.021137

-0.01635	0.010139	0.050197	0.006031	0.048455	-0.01946	0.035519	-0.0145	0.004881	0.017203
-0.05513	0.004083	0.053304	0.021736	0.030628	-0.05591	0.02586	0.016041	0.016886	0.040423
-0.04028	0.005119	0.00861	0.012265	0.00846	-0.0397	0.049623	0.039434	0.040811	0.050859
-0.04351	-9.17E-04	-0.00269	-7.15E-04	7.63E-04	-0.01151	0.051041	0.012719	0.043521	0.046289
-0.03088	-0.0073	0.017101	-0.00986	0.004297	-0.00923	0.05434	0.004956	0.043773	0.005985
-0.01189	0.012655	0.016933	0.006064	0.043188	0.012769	0.060883	-0.00953	0.028954	0.013719
-0.03363	0.011009	0.006738	0.015433	0.031172	0.002923	0.046359	-0.03594	0.042316	0.044361
-0.05082	-0.01734	-0.01672	-0.00694	-0.01336	-0.00405	0.064027	0.009951	0.056715	7.64E-04
-0.04227	-0.03449	-0.05165	-0.02761	-0.00152	0.010424	0.040194	0.003977	0.034965	-0.01836
-0.02865	0.010927	-0.01371	-7.31E-04	0.006863	-0.00715	-0.02551	-0.07993	1.15E-04	0.016784
-0.01272	0.069897	0.027047	0.030686	0.004925	-0.01005	0.001775	-0.06517	0.006812	0.016784
8.68E-04	0.062047	0.006853	0.038049	0.014028	0.033086	0.045344	-6.27E-05	0.0564	5.07E-04
0.018396	0.065964	0.014458	0.032555	0.027066	0.044586	0.039394	0.02697	0.07157	0.003221
0.027935	0.086621	0.039041	0.037925	0.031998	0.019385	0.005392	0.020979	0.037781	-0.00668
0.015775	0.09679	0.038776	0.048977	0.017535	0.016665	6.93E-04	0.004842	0.030925	0.003529
0.012267	0.077642	5.55E-05	0.048614	0.010163	0.050517	0.02892	-0.01716	0.020695	0.003626
-8.07E-04	0.030103	-0.03323	0.025956	-0.00499	0.056809	0.041033	0.006576	0.018616	0.002913
-0.00306	0.008634	-0.04908	0.014693	-0.00475	0.014603	-0.00647	0.019761	0.023247	0.024579
0.004334	0.044697	-0.00994	0.0579	0.030365	0.026034	-0.02174	-0.01618	0.015213	0.038398
0.008136	0.082883	0.044744	0.082829	0.053823	0.031891	0.022331	-0.00805	0.02871	0.028959
0.031333	0.042024	0.027872	0.036704	0.019668	-0.02162	0.018415	-0.00142	0.046247	-0.00836
0.032809	0.013811	-0.00953	-0.00486	-0.01464	-0.01672	-0.02254	-0.01498	0.014556	-0.04756
0.007892	0.028338	-0.01869	0.00231	-0.04355	0.00899	-0.03811	0.009043	0.009301	-0.01216
0.027306	0.044821	-0.01054	-6.50E-04	-0.03628	0.021881	0.004435	0.006839	0.024141	0.037064
0.06091	0.046833	0.018429	0.001495	-0.02552	0.043738	0.028547	0.008861	0.009284	0.021492
0.055639	0.015734	0.022946	-0.01942	-0.01762	0.048635	0.045491	0.069964	0.036645	0.008996
0.022811	0.004924	-0.00109	-0.02205	-0.00524	0.012366	0.027573	0.069149	0.027234	0.013055
0.04403	0.024694	0.039394	0.014744	-0.01763	-0.00324	-8.51E-04	0.030022	0.012557	0.022575
0.092315	0.040861	0.068165	-0.00165	-0.01671	0.036708	0.002861	0.038586	0.023213	0.027208
0.053866	-0.00202	0.039218	-0.03828	0.004991	0.06531	-0.00442	0.046531	-0.00403	-0.01036
0.023215	-0.03935	0.002564	-0.02268	-0.00289	0.049712	0.002159	0.036543	-0.02161	-0.007
0.0507	0.002549	0.017874	0.023018	0.01028	0.036335	0.032001	0.038551	0.005474	0.025738
0.049751	0.051424	0.064052	0.035346	0.010766	0.030962	0.012085	0.035999	0.022629	0.029148
0.035345	0.019822	0.068052	0.013285	0.015058	0.053255	0.016979	0.051812	0.019007	0.036959
0.034101	-0.00785	0.049473	-0.00911	0.043766	0.079919	0.059738	0.078142	0.018871	0.061125
0.033998	0.010763	0.044547	-0.02907	0.040812	0.047323	0.061686	0.040851	-0.01087	0.056264
0.051364	0.011601	0.053323	-0.00835	0.01677	-0.00325	0.027042	-9.02E-04	-0.00473	0.059886
0.044613	0.016748	0.065025	0.013402	0.025555	-0.01952	0.005123	0.044611	0.040328	0.062869
0.019863	0.003986	0.057115	0.019116	0.065579	0.016039	0.02563	0.056146	0.026662	0.065499
0.012365	0.001246	0.040278	0.020577	0.085489	0.070995	0.06274	0.015974	0.007176	0.095685
0.025577	0.004503	0.040208	0.029642	0.073558	0.054769	0.094064	0.048856	0.045795	0.072076
0.050485	0.043952	0.079795	0.060319	0.05499	0.028291	0.09489	0.093932	0.066739	0.022625
0.06003	0.083427	0.096796	0.058903	0.071973	0.023462	0.088023	0.086635	0.050616	-0.04263
0.007097	0.062935	0.045944	0.044278	0.079561	0.040039	0.075375	0.036034	0.063108	-0.04622
-0.01976	0.049517	0.016564	0.03954	0.063966	0.032119	0.040267	-0.00135	0.078674	0.027294
-0.00276	0.069803	0.017605	0.030181	0.025416	-0.01324	0.003764	0.006789	0.086393	0.062219
0.02998	0.099904	0.027477	0.019336	0.012831	-0.01961	0.036385	0.038604	0.076028	0.011268

0.044878	0.070387	-6.86E-04	0.033185	0.083227	0.070266	0.119152	0.055999	0.07332	0.040265
-0.00549	0.024305	0.007771	0.063032	0.101396	0.125073	0.132149	0.03226	0.102132	0.118998
0.009601	0.049984	0.071862	0.07744	0.048089	0.075725	0.066846	0.012503	0.080826	0.116025
0.045639	0.089505	0.064594	0.055883	0.026388	0.022808	0.040759	0.022916	0.067784	0.080165
0.029127	0.085723	0.036226	0.04561	0.036472	0.020819	0.084155	0.05422	0.084886	0.049829
0.020297	0.049841	0.003441	0.035117	0.058771	0.072823	0.12997	0.076791	0.116883	0.032204
0.015626	0.007915	0.010457	0.042466	0.057016	0.092446	0.096775	0.076117	0.123952	0.034253
5.36E-05	0.040246	0.047777	0.056253	0.043333	0.085085	0.083672	0.076945	0.106876	0.048784
0.020799	0.083679	0.019625	0.039949	0.065598	0.076502	0.122244	0.085336	0.093949	0.056923
0.078664	0.085508	-0.00846	0.0574	0.074119	0.091278	0.112108	0.048603	0.074479	0.031131
0.07811	0.082942	0.009796	0.054427	0.085032	0.134438	0.112001	0.068071	0.089644	0.03933
0.036194	0.079043	0.014942	0.043829	0.067865	0.108788	0.061475	0.078529	0.110158	0.097352
0.003015	0.089801	0.034075	0.059853	0.039182	0.070113	0.029648	0.05444	0.09744	0.109311
-3.61E-04	0.116109	0.054309	0.072213	0.003407	0.086356	0.06555	0.059949	0.077544	0.045503
0.03355	0.09657	0.062205	0.087093	0.009094	0.105449	0.073896	0.060487	0.088784	0.053307
0.03807	0.067945	0.073082	0.134375	0.079522	0.12566	0.021458	0.056716	0.10513	0.088703
0.040374	0.06002	0.059439	0.101393	0.06798	0.110467	0.024171	0.072648	0.112262	0.096568
0.066748	0.058624	0.047849	0.046116	0.031032	0.093496	0.083088	0.095096	0.076261	0.104824
0.098154	0.069352	0.037913	0.075002	0.026492	0.113252	0.101784	0.081968	0.052321	0.081463
0.080465	0.062251	0.062316	0.101885	0.05301	0.120659	0.069489	0.099785	0.070726	0.076332
0.049376	0.081876	0.070076	0.074829	0.056309	0.102425	0.019508	0.097738	0.090867	0.101803
0.084186	0.076189	0.041963	0.032292	0.025711	0.083817	0.047358	0.090855	0.059862	0.102394
0.127558	0.053177	0.045281	0.029764	0.011688	0.074988	0.062567	0.07973	0.015011	0.056282
0.119797	0.050542	0.08324	0.081965	0.031541	0.064969	0.010109	0.051012	0.025711	0.048244
0.055476	0.03781	0.108691	0.129142	0.071973	0.05841	-0.0304	0.081714	0.061792	0.094624
0.055839	0.03631	0.105861	0.068092	0.058865	0.059961	0.003162	0.108758	0.08697	0.127092
0.104133	0.040176	0.076858	0.008772	0.023635	0.092527	0.088389	0.101659	0.082084	0.095364
0.119629	0.034919	0.057667	0.034976	0.034787	0.093557	0.082345	0.076945	0.063108	0.061829
0.086029	0.021249	0.072795	0.047309	0.048875	0.096805	0.042697	0.06371	0.061229	0.070919
0.034723	0.007003	0.071614	0.042466	0.044164	0.03936	0.050574	0.090497	0.066549	0.093026
0.018946	-0.02438	0.038001	0.024201	0.018114	-0.0318	0.044202	0.093811	0.063805	0.054236
0.037409	-0.02504	0.0297	0.039682	0.023015	0.019044	0.046248	0.047484	0.044999	0.012608
0.088798	0.042819	0.087482	0.045088	0.059333	0.099606	0.061494	0.02278	0.018854	0.039824
0.073798	0.074436	0.110247	0.049232	0.0786	0.106782	0.065608	0.054184	0.018667	0.065442
0.025898	0.034468	0.074535	0.022574	0.076861	0.05215	0.058558	0.078897	0.044494	0.063074
0.022677	0.008095	0.048011	-0.01516	0.035868	0.026814	0.061648	0.060134	0.057291	0.044539
0.056438	0.014639	0.06364	-0.00553	0.02386	0.017361	0.064335	0.017787	0.037656	0.03165
0.05131	0.007084	0.081855	0.040822	0.052696	0.008425	0.042936	0.013102	0.029912	0.037783
0.004946	-0.01375	0.080455	0.070854	0.06886	0.032435	0.039066	0.011971	0.019876	0.033036
-0.00768	-0.02237	0.052102	-0.0022	0.002059	0.020888	0.044515	-0.01428	0.024124	0.030613
0.03293	0.007166	0.024428	-0.05745	-0.03746	0.015515	0.042569	-0.00362	0.045704	0.005447
0.055839	0.013002	5.72E-04	-0.05581	0.015278	0.01014	0.023381	-0.00969	0.031835	-0.0099
0.022912	0.016598	-8.95E-04	-0.02856	0.039701	-0.00238	0.018017	-0.02641	0.021122	0.00267
0.017382	0.019906	0.047615	0.031523	0.02507	-0.02365	0.027732	-0.02993	0.036645	0.005463
-0.00655	0.008144	0.023253	0.018963	0.005322	-0.02083	0.014706	-0.02098	0.047917	0.017822
-0.05092	-0.01471	-0.01961	-0.01448	4.69E-04	-0.00168	0.003865	-0.01842	0.041778	-0.01069
-0.015	-0.0258	0.015075	-0.02016	-0.00538	-0.00974	-0.01952	-0.02368	-0.01369	-0.06798

-0.01288	-0.02231	0.010159	-0.03266	0.018779	-0.01946	-0.00943	-0.00749	-0.01627	-0.07399
-0.04494	-0.02657	-0.0486	-0.02245	-0.01152	-0.0516	0.012307	-0.02906	0.026333	-0.0163
-0.03792	-0.01543	-0.07927	-0.02564	-0.06151	-0.07026	-0.00438	-0.05116	0.022012	-0.02075
-0.02256	-0.01006	-0.05752	-0.02798	-0.05644	-0.04998	-0.01678	-0.03147	0.007905	-0.03745
0.019896	0.019336	-0.03146	0.002588	-0.01619	-0.03857	-0.03486	-0.04805	2.46E-04	-0.04842
0.003481	0.033879	-0.01431	0.005274	-0.03296	-0.03956	-0.03568	-0.09454	-0.0085	-0.05467
-0.04328	0.020241	-0.01147	-0.01136	-0.07871	-0.04801	-0.00727	-0.09845	-0.01055	-0.02697
-0.02221	0.002791	-0.03978	-0.02842	-0.10521	-0.05668	-0.0046	-0.05733	-0.04225	-0.05563
2.45E-04	-0.00611	-0.07868	-0.04204	-0.08477	-0.02242	-0.02297	-0.03887	-0.05578	-0.07875
-9.66E-04	0.007052	-0.07884	-0.06623	-0.04024	-0.02093	-0.01274	-0.04427	-0.03881	-0.07603
-0.02136	0.005946	-0.03859	-0.07136	-0.03364	-0.03616	-0.02567	-0.07815	-0.01772	-0.04886
-0.0226	-0.00678	-0.03597	-0.03464	-0.04155	-0.04352	-0.04759	-0.06541	-0.0076	-0.03085
-0.02967	0.002308	-0.05295	-0.01869	-0.03581	-0.03257	-0.0072	0.007808	-0.02818	-0.08373
-0.05925	0.009026	-0.05333	-0.01043	-0.04868	-0.01914	-0.00699	-0.01297	-0.04459	-0.10256
-0.05991	-0.0081	-0.05581	0.006229	-0.0368	-0.0313	-0.04533	-0.05546	-0.03857	-0.05597
-0.01987	-0.0186	-0.05602	7.14E-04	-0.04673	-0.02889	-0.04757	-0.07281	-0.06233	-0.0713
0.016736	-0.00312	-0.03733	-0.01458	-0.04079	-0.01268	-0.04004	-0.06128	-0.07804	-0.10439
5.74E-06	0.020527	-0.03908	-0.01928	-0.02507	-0.02075	-0.06807	-0.03133	-0.06103	-0.0876
-0.04214	0.035197	-0.05543	-0.019	-0.03704	-0.04101	-0.06956	-0.02644	-0.06492	-0.06781
-0.05471	0.036815	-0.02794	-0.0106	-0.06017	-0.05052	-0.07288	-0.0187	-0.03636	-0.04745
-0.03747	0.010025	-0.0405	-0.01357	-0.05362	-0.04136	-0.04751	0.00115	-0.00601	-0.04398
-0.02918	-0.00993	-0.06265	-0.02625	-0.05021	-0.03216	-0.0133	-0.0245	-0.05385	-0.05965
-0.04559	-0.00625	-0.07189	-0.01713	-0.0644	-0.06768	-0.05324	-0.06576	-0.08617	-0.06939
-0.02999	0.00405	-0.07614	-0.0027	-0.05694	-0.06057	-0.06665	-0.05352	-0.07775	-0.06869
0.011726	0.021822	-0.03494	-0.01198	-0.07828	-0.02479	-0.05398	-0.04386	-0.05568	-0.05342
0.002132	0.009615	-0.03487	-0.04495	-0.08646	-0.01858	-0.05758	-0.04631	-0.06336	-0.04571
-0.02562	-0.01714	-0.0758	-0.06294	-0.07354	-0.02556	-0.06179	-0.04871	-0.06914	-0.04409
-0.03036	-0.01891	-0.07951	-0.05162	-0.04972	-0.03822	-0.05887	-0.05436	-0.05896	-0.05562
-0.00562	6.84E-04	-0.05821	-0.04794	-0.05707	-0.03069	-0.06354	-0.04215	-0.04254	-0.05833
-0.02174	-0.02592	-0.04451	-0.04875	-0.07899	-0.00424	-0.07406	-0.03714	-0.02409	-0.04162
-0.03713	-0.06193	-0.07889	-0.06618	-0.08247	-0.00821	-0.06272	-0.0324	-0.05431	-0.02314
-0.01054	-0.05066	-0.08172	-0.06443	-0.07383	-0.02591	-0.05707	-0.03962	-0.07486	-0.04473
0.008396	-0.01302	-0.02898	-0.01663	-0.04988	-0.03383	-0.07431	-0.05156	-0.08248	-0.06581
-0.00987	-0.01892	-0.00835	-0.00433	-0.06959	-0.04483	-0.06516	-0.02677	-0.07993	-0.06163
-0.02981	-0.04994	-0.0253	-0.05	-0.0829	-0.03358	-0.05072	-0.00813	-0.07732	-0.02833
-0.05878	-0.06705	-0.06181	-0.05926	-0.07243	-0.0302	-0.05597	-0.03557	-0.07317	-0.01169
-0.06711	-0.06839	-0.06681	-0.03888	-0.05666	-0.05173	-0.08526	-0.0613	-0.04872	-0.01493
-0.05485	-0.05421	-0.03776	-0.01844	-0.04891	-0.04025	-0.09471	-0.05508	-0.03952	-0.02645
-0.06308	-0.02912	-0.02183	-0.02729	-0.05882	-0.017	-0.06785	-0.01654	-0.04885	-0.04626
-0.04014	-0.04007	-0.05732	-0.05901	-0.0623	-0.01013	-0.02943	0.00934	-0.06493	-0.07054
-0.04285	-0.06846	-0.08226	-0.05131	-0.0503	-0.01426	-0.03856	-0.02126	-0.06699	-0.07177
-0.05663	-0.06168	-0.04936	-0.01192	-0.05374	-0.03263	-0.08211	-0.0463	-0.06067	-0.03416
-0.01613	-0.02909	-0.00626	2.75E-04	-0.06575	-0.02706	-0.08347	-0.02262	-0.05344	-0.02174
0.007243	-0.02438	-0.00159	-0.0322	-0.04953	0.001923	-0.03295	0.016611	-0.03451	-0.00817
0.007924	-0.03545	-0.00231	-0.03305	-0.01352	0.028813	0.021824	0.007906	-0.03553	0.015099
0.021452	-0.02854	-0.00525	-0.01341	-0.01174	0.010408	-0.00553	-0.00368	-0.0396	0.012707
0.0409	-0.01081	-0.02262	-0.02492	-0.03429	-0.01955	-0.05294	-0.00893	-0.03688	0.00721

0.043748	0.016332	0.003701	-0.01261	-0.0368	-0.00869	-0.04732	-0.00849	-0.01264	0.004633
0.042233	0.00168	0.021673	-0.02041	-0.03299	0.015582	0.010551	0.029002	-0.00624	0.029406
0.050628	-0.01349	-0.009	-0.02084	-8.05E-04	0.027543	0.037778	0.025203	-0.03025	0.033835
0.0409	0.024	0.016598	0.042681	0.058136	0.04011	0.003479	-0.00509	-0.03127	0.021187
0.072288	0.083	0.074726	0.08749	0.034822	0.033244	-0.023	0.022014	-0.00412	0.030578
0.109046	0.062158	0.083318	0.069671	0.018643	0.024806	-0.00303	0.066242	0.023746	0.066379
0.083682	0.016332	0.064332	0.038332	0.06425	0.064629	0.068068	0.069661	0.052009	0.106054
0.061461	0.027092	0.050885	0.044728	0.094964	0.072399	0.11865	0.081344	0.078713	0.108794
0.06181	0.041883	0.053286	0.054482	0.070414	0.016022	0.068477	0.09301	0.092375	0.105356
0.071066	0.05705	0.058608	0.007449	0.036401	0.002513	0.043945	0.100518	0.10061	0.109891
0.104437	0.085742	0.080164	-0.00905	0.050689	0.029615	0.050891	0.106234	0.086453	0.126768
0.114928	0.077968	0.09587	0.011815	0.051572	0.050316	0.072481	0.078065	0.076591	0.13162
0.057529	0.01396	0.085022	0.03308	0.053508	0.063325	0.081102	0.076733	0.086731	0.135119
0.042849	0.009402	0.098108	0.074694	0.09003	0.069921	0.072658	0.096264	0.079221	0.096387
0.086457	0.062584	0.106809	0.092202	0.114789	0.102281	0.090204	0.11364	0.08171	0.080765
0.108943	0.092567	0.096373	0.084423	0.133981	0.131867	0.134655	0.125875	0.090526	0.114955
0.076985	0.061567	0.077842	0.095406	0.158745	0.144122	0.158054	0.076733	0.083108	0.12623
0.06543	0.04397	0.089737	0.100778	0.154363	0.118276	0.147478	0.101822	0.122223	0.121566
0.115469	0.091973	0.143177	0.083694	0.126832	0.082218	0.147828	0.182031	0.16808	0.111323
0.154908	0.145165	0.172091	0.10481	0.128015	0.066905	0.161172	0.154369	0.15588	0.121736
0.118664	0.153478	0.1478	0.147399	0.157475	0.08873	0.159346	0.094574	0.149745	0.12246
0.086437	0.110991	0.13588	0.165126	0.1757	0.133993	0.11502	0.027675	0.135099	0.141333
0.114679	0.121563	0.177909	0.167197	0.147401	0.099381	0.094312	0.039717	0.114354	0.147774
0.145732	0.167477	0.16291	0.141917	0.130811	0.063344	0.113724	0.075982	0.10542	0.076351
0.148552	0.179006	0.122607	0.109485	0.125565	0.076989	0.12507	0.080507	0.106813	0.039454
0.101768	0.152885	0.0973	0.081182	0.124932	0.123185	0.090225	0.05532	0.124668	0.069199
0.061296	0.132508	0.137914	0.107048	0.100057	0.13304	0.082907	0.05598	0.114969	0.078967
0.060745	0.137491	0.1731	0.136771	0.060139	0.089892	0.124605	0.127583	0.079162	0.048334
0.082408	0.118459	0.098351	0.108462	0.035353	0.063948	0.089326	0.12079	0.084253	0.054655
0.142222	0.105361	0.045944	0.115522	0.027344	0.060842	0.062606	0.073986	0.080434	0.045288
0.157284	0.110723	0.055664	0.097453	0.029612	0.082711	0.031912	0.048892	0.051844	0.040212
0.102494	0.099722	0.03343	0.057363	0.025174	0.076075	-0.00419	0.033393	0.050982	0.070162
0.083992	0.107756	0.03742	0.033887	-0.00401	0.052242	-0.00655	0.032278	0.012372	0.046988
0.072514	0.130686	0.04223	0.039753	-0.01683	0.051049	0.01691	0.040248	-0.0067	0.022592
0.10058	0.114042	0.058774	0.068586	0.00514	0.062684	0.035934	0.05655	0.028606	0.054874
0.134523	0.11267	0.115541	0.097149	0.063304	0.061104	0.023241	0.056826	0.031642	0.050515
0.115802	0.099682	0.112687	0.092885	0.083009	0.035946	0.028175	0.071332	0.021498	0.038767
0.11416	0.063844	0.063304	0.06157	0.047925	0.038539	0.043009	0.069831	0.014135	0.058301
0.101828	0.045568	0.051049	0.040644	0.039736	0.052758	0.017031	0.030282	-0.00481	0.049324
0.072458	3.63E-04	0.067882	0.046441	0.057016	0.044297	0.00733	0.029745	0.013177	0.062683
0.0685	0.002517	0.089459	0.048469	0.059089	0.023169	0.017135	0.064609	0.053075	0.078581
0.105798	0.038212	0.10044	0.031401	0.025642	0.024806	0.04492	0.063635	0.062675	0.046844
0.084883	-0.01499	0.075378	0.04426	0.023135	0.032435	0.053983	0.029884	0.011368	0.019081
0.019046	-0.03895	0.073559	0.034572	0.017604	0.025965	0.020099	0.023239	-0.00145	0.039506
-0.00292	-0.00405	0.083905	0.036792	0.030628	0.006021	4.93E-04	0.050413	0.044061	0.075317
0.054499	0.053902	0.072452	0.022591	0.068611	0.011043	0.022926	0.073278	0.071282	0.067636
0.079468	0.054192	0.026344	-0.01041	0.052622	0.012031	0.069294	0.039947	0.060854	0.054692

0.067586	0.002195	0.019997	0.018895	0.068592	0.006517	0.075434	0.016813	0.049283	0.071564
0.069753	0.049176	0.096514	0.05653	0.099892	0.038059	0.076028	0.004613	0.061848	0.059222
0.065634	0.098153	0.117059	0.06017	0.077916	0.034919	0.08571	-0.00174	0.07928	0.042494
0.06504	0.093361	0.077514	0.044854	0.053952	0.01292	0.067564	0.018984	0.098971	0.054236
0.063284	0.077623	0.037667	0.015803	0.059352	0.027578	0.015015	0.0037	0.069195	0.017672
0.046189	0.053213	0.048967	0.046549	0.090714	0.048179	0.014328	-0.00706	0.037426	0.010839
0.036228	0.071084	0.111476	0.102707	0.085271	0.050005	0.065029	0.006265	0.053572	0.043507
0.069659	0.095192	0.108111	0.11202	0.054878	0.076444	0.091146	0.034983	0.082871	0.033748
0.112876	0.085664	0.061814	0.097535	0.057818	0.086834	0.056038	0.072628	0.075698	0.036014
0.091665	0.061069	0.046464	0.067276	0.067636	0.064704	5.93E-04	0.039646	0.060835	0.070692
0.030699	0.078985	0.064781	0.049468	0.055157	0.055287	0.005695	0.017872	0.047499	0.06118
0.015626	0.084476	0.079698	0.068795	0.041189	0.048398	0.072952	0.068922	0.041975	0.008422
0.06632	0.07324	0.076223	0.086756	0.042954	0.070976	0.109387	0.09873	0.049739	0.025635
0.107654	0.07082	0.048642	0.057381	0.057911	0.083521	0.079344	0.086536	0.044133	0.053744
0.090877	0.088444	0.038019	0.061963	0.042521	0.047014	0.028529	0.058542	0.0626	0.053034
0.066692	0.066673	0.037016	0.075755	0.018489	0.046905	0.022016	0.051393	0.068813	0.058264
0.080542	0.0502	0.041555	0.022608	0.021913	0.087432	0.050294	0.063673	0.044133	0.041396
0.095463	0.037478	0.061553	0.004191	0.041189	0.08939	0.066556	0.080391	0.020063	0.047436
0.074517	0.034624	0.051593	0.047653	0.066549	0.068907	0.04551	0.076252	0.038332	0.095424
0.09135	0.051839	0.053341	0.068491	0.063871	0.066544	0.040869	0.075232	0.039436	0.110782
0.104356	0.073942	0.075359	0.042932	0.050377	0.089711	0.062222	0.08269	0.031047	0.076792
0.093936	0.071915	0.075705	0.021924	0.061474	0.06994	0.057817	0.087899	0.040346	0.053908
0.053993	0.036658	0.066489	0.038794	0.075828	0.028569	0.0601	0.073106	0.025313	0.074991
0.011202	-6.93E-04	0.072586	0.038368	0.056253	-0.00163	0.053288	0.032957	-0.00266	0.075738
0.035864	-0.00369	0.052794	-0.03594	0.020455	-0.01203	0.039194	-0.01297	-0.00452	0.034392
0.061075	0.029674	0.050976	-0.05994	0.038699	0.006815	0.047302	-0.01405	0.011686	0.003237
0.012332	0.043332	0.051884	-0.02445	0.074042	0.030471	0.058862	0.021233	0.062167	0.011549
-0.01106	0.038212	0.027425	0.017507	0.051535	0.04598	0.032305	-0.01556	0.078011	0.054564
0.008737	0.05128	0.023014	0.03598	-0.00251	0.001563	0.002059	-0.02932	0.053609	0.046182
0.015974	0.062787	0.002239	0.026818	-0.02489	-0.00879	0.005914	0.013501	0.04565	-0.00793
0.049608	0.050686	-0.02173	0.024905	-0.01644	0.028534	0.017411	0.011955	0.016818	-0.05876
0.05291	0.012392	-0.03711	0.018116	0.002732	0.042226	-0.00509	0.013701	0.002009	-0.04117
0.004285	-0.01818	-0.0379	0.003552	-0.01928	0.034072	-0.03409	0.015271	0.022663	0.018107
0.029895	0.001407	-0.01006	0.034572	-0.03908	0.027943	-0.01329	0.028381	0.00214	0.024017
0.050736	0.041777	0.008478	0.034519	-0.05075	0.025619	-0.02916	0.033427	-0.04114	-0.01971
0.043113	0.010779	-0.00313	0.017	-0.03962	0.041974	-0.05154	3.90E-04	-0.05672	-0.01205
0.03694	0.002823	0.01011	9.90E-04	0.00816	0.03254	-0.03928	0.012802	0.011118	0.055843
0.028309	0.01226	0.04478	-0.02451	-0.00665	0.012366	-0.01025	0.027107	0.031082	0.066529
0.051166	-0.00208	0.040491	-0.05409	-0.02644	-0.00374	0.013299	0.015874	-0.05699	0.021813
0.051023	-0.02185	-6.86E-04	-0.05311	-6.09E-04	-0.00568	-0.0206	0.005201	-0.07369	0.017102
0.019596	-0.03618	-0.01153	-0.02668	0.017365	0.003548	-0.02119	0.009422	-0.01699	0.042352
-0.01523	-0.03243	-5.25E-04	-0.02067	0.027832	-0.01589	0.015583	0.039116	0.03965	0.069558
-0.02782	-0.03964	-0.00849	-0.04391	0.016126	0.004123	0.04224	0.03848	0.047009	0.045949
-0.00851	-0.02255	-0.0134	-0.05618	0.007661	-0.00548	0.052762	3.74E-04	-0.00743	-0.00272
-0.02345	-0.00399	0.012328	-0.0402	0.021621	-0.04602	0.022016	-0.02461	-0.01444	0.004406
-0.06032	-0.01698	0.030184	-0.04526	0.002798	-0.07126	0.012307	-0.01224	0.019825	0.044593
-0.04226	-0.00824	9.76E-04	-0.03516	-0.03877	-0.09526	-0.01277	-0.01846	0.041473	0.00893

-0.0158	0.025356	-0.02147	-0.03243	-0.04416	-0.08122	-0.03273	-0.06025	0.029093	-0.00971
0.004769	0.04058	0.011582	-0.02273	-0.01169	-0.02449	-0.00318	-0.05216	-0.00853	-0.0317
-0.01096	0.04139	0.020927	-0.01084	0.033161	-0.01997	0.003413	-0.04446	-0.00211	-0.03224
-0.03521	0.04102	0.009351	-0.0134	0.018523	-0.05427	0.001375	-0.04127	0.049703	0.015649
-0.00833	0.03692	-0.00957	-0.00995	-0.02312	-0.03745	-0.00226	-0.00488	0.034366	0.011136
0.03293	0.026393	-0.03351	-0.01251	-0.00951	0.014755	-0.01501	0.002805	-0.01331	-0.00859
0.007697	0.019822	-0.03197	0.012449	3.38E-04	0.014266	-0.0282	-0.02268	-0.0327	-0.02965
-0.0292	0.023949	-0.01485	-0.00602	-0.03063	-0.0023	-0.01838	-0.00767	-0.01961	-0.03045
-0.04537	0.012474	-0.0364	-0.03512	-0.05727	-0.01178	-0.00343	0.032591	0.021738	0.024596
-0.02339	0.007491	-0.0491	-0.01635	-0.06584	-0.01423	-0.02402	0.016897	-0.01184	0.025704
-0.02645	0.004325	-0.03291	0.006377	-0.04299	-0.01883	-0.05891	-0.04139	-0.03739	-0.00825
-0.02754	0.017064	-0.03374	0.005768	-0.0085	-0.03075	-0.08636	-0.0451	-0.03272	-0.03164
0.020531	0.062565	0.016699	0.029329	0.004363	0.009123	-0.05404	-0.00952	0.005128	-0.00614
0.074365	0.046351	0.07734	0.062188	-0.00844	0.049529	-0.0034	0.02399	0.008935	0.008635
0.105351	0.031151	0.070873	0.046603	-0.02003	0.038611	-0.0067	0.018461	-0.02006	-2.45E-05
0.129917	0.101823	0.057483	0.043757	-0.00456	0.014856	0.001859	0.028778	-0.019	-0.00535
0.17033	0.198345	0.127383	0.08976	0.042395	0.028952	0.011863	0.059745	-0.01816	0.011434
0.210573	0.247169	0.209712	0.155614	0.108828	0.105845	0.068613	0.103049	0.044367	0.068765
0.267589	0.229806	0.23093	0.194166	0.166013	0.16989	0.140766	0.099562	0.088744	0.101844
0.309801	0.239122	0.216166	0.215499	0.205055	0.163809	0.117234	0.09263	0.084728	0.113678
0.319344	0.306251	0.245333	0.233048	0.198398	0.176719	0.139917	0.139376	0.104819	0.14696
0.325678	0.32002	0.286099	0.20752	0.196724	0.280509	0.259085	0.226879	0.181424	0.181074
0.308533	0.207185	0.285632	0.220649	0.273264	0.330813	0.314323	0.268425	0.235242	0.161437
0.243575	0.169768	0.266413	0.264806	0.29434	0.252823	0.263999	0.198397	0.186973	0.175063
0.231831	0.238068	0.27911	0.287808	0.276341	0.235908	0.251019	0.218572	0.19057	0.242901
0.330465	0.344988	0.356913	0.290588	0.260664	0.328236	0.310369	0.312807	0.246269	0.210562
0.342509	0.348011	0.342087	0.251046	0.282874	0.383595	0.360685	0.342793	0.271506	0.245017
0.301962	0.277341	0.299555	0.275695	0.32556	0.308916	0.332328	0.257653	0.236644	0.275169
0.307561	0.24432	0.320807	0.347184	0.315442	0.216207	0.246191	0.214689	0.212266	0.257409
0.312805	0.294543	0.346794	0.301274	0.268781	0.237821	0.205798	0.242177	0.229597	0.274411
0.308176	0.340649	0.335995	0.196049	0.26132	0.305213	0.288723	0.307792	0.251381	0.263918
0.304077	0.30119	0.304145	0.169373	0.289603	0.296057	0.325915	0.310523	0.249728	0.243465
0.269394	0.258116	0.270154	0.201591	0.273909	0.221171	0.279049	0.239814	0.232258	0.223447
0.267825	0.265816	0.273048	0.22764	0.236256	0.193474	0.222632	0.191114	0.187776	0.22493
0.314645	0.298347	0.300682	0.215499	0.245389	0.263519	0.233384	0.191239	0.137707	0.184628
0.277325	0.22002	0.296958	0.133977	0.292189	0.325019	0.300139	0.270377	0.208275	0.206558
0.233056	0.191222	0.289385	0.175604	0.341623	0.301834	0.296443	0.209766	0.261342	0.229927
0.250164	0.241629	0.306687	0.29778	0.332848	0.197515	0.240433	0.165266	0.268383	0.238617
0.291134	0.270897	0.301133	0.303554	0.316118	0.22548	0.272375	0.258736	0.260777	0.290313
0.333513	0.354992	0.282313	0.254912	0.299944	0.295896	0.296114	0.258531	0.212797	0.217169
0.312937	0.312028	0.280524	0.190173	0.251995	0.249972	0.263511	0.237771	0.183978	0.20067
0.265909	0.227419	0.253759	0.192898	0.223221	0.142105	0.252353	0.218492	0.221224	0.237504
0.271326	0.214682	0.257888	0.256053	0.24493	0.094874	0.239509	0.247998	0.223261	0.244848
0.31712	0.291305	0.296479	0.268164	0.254924	0.161272	0.222078	0.243222	0.222282	0.228808
0.285312	0.291054	0.270575	0.167698	0.239733	0.216234	0.227147	0.258472	0.264564	0.201744
0.198642	0.213948	0.250788	0.178876	0.24758	0.230857	0.275903	0.229172	0.251584	0.244
0.210132	0.143111	0.222313	0.230308	0.277516	0.209261	0.264334	0.194993	0.2272	0.29993

0.251955	0.177894	0.242984	0.257695	0.28795	0.166456	0.181699	0.230708	0.264205	0.332265
0.242737	0.289523	0.251623	0.174778	0.291933	0.241076	0.249158	0.27941	0.237853	0.25677
0.210676	0.293126	0.225392	0.169877	0.319345	0.35772	0.35212	0.259792	0.193306	0.2406
0.186394	0.233163	0.273987	0.288186	0.307541	0.299488	0.286404	0.164864	0.242496	0.307799
0.231205	0.205639	0.291653	0.273556	0.225303	0.210901	0.251374	0.180511	0.268504	0.360917
0.265644	0.273115	0.293615	0.200225	0.163791	0.190051	0.285698	0.230159	0.231952	0.307799
0.169316	0.251864	0.237598	0.171392	0.242752	0.30275	0.324686	0.284915	0.218576	0.229026
0.126084	0.230731	0.210026	0.249659	0.304433	0.363819	0.333723	0.246827	0.220114	0.270435
0.178096	0.203817	0.289197	0.308118	0.24404	0.256928	0.270111	0.191993	0.276525	0.356544
0.248493	0.24418	0.279387	0.223492	0.20932	0.196386	0.233867	0.192521	0.291972	0.331436
0.252868	0.264931	0.127729	0.12085	0.24758	0.250088	0.280947	0.269085	0.271111	0.251772
0.166593	0.213162	0.088687	0.18957	0.304763	0.307094	0.274963	0.270708	0.255907	0.317681
0.172128	0.219541	0.221587	0.272369	0.266028	0.27877	0.172017	0.204225	0.275418	0.317314
0.198768	0.250065	0.227757	0.240327	0.213468	0.201594	0.149441	0.201648	0.2692	0.274866
0.227958	0.268959	0.201579	0.193177	0.243038	0.227045	0.190107	0.156263	0.256318	0.29176
0.142953	0.214053	0.089777	0.208752	0.260039	0.27091	0.221192	0.175668	0.211099	0.216189
0.127707	0.163188	0.100989	0.20247	0.194161	0.24467	0.160498	0.205157	0.152027	0.224984
0.132679	0.213791	0.198485	0.198657	0.116966	0.184529	0.098646	0.19654	0.173922	0.270166
0.159259	0.229724	0.177471	0.199402	0.106107	0.180162	0.174566	0.198652	0.246384	0.267834
0.17303	0.214577	0.074975	0.188316	0.163482	0.228091	0.226531	0.241895	0.252865	0.215607
0.159397	0.182381	0.102049	0.209935	0.211709	0.246881	0.140537	0.247684	0.212903	0.22039
0.100439	0.18684	0.180443	0.191584	0.144246	0.207233	0.073542	0.194488	0.204243	0.287934
0.1624	0.187185	0.182035	0.178141	0.117801	0.223266	0.123213	0.110483	0.221956	0.28809
0.20122	0.14876	0.143491	0.18537	0.156795	0.176842	0.055377	0.153333	0.246212	0.262296
0.188678	0.088463	0.158612	0.191433	0.21639	0.186454	0.111765	0.208903	0.261134	0.295873
0.168516	0.167242	0.252689	0.196304	0.211709	0.134793	0.114328	0.243193	0.266906	0.318317
0.166499	0.177629	0.229696	0.168463	0.188096	0.160162	0.159994	0.206766	0.284509	0.280506
0.208789	0.146577	0.206664	0.204675	0.193115	0.225343	0.176282	0.165715	0.221522	0.278516
0.217859	0.196579	0.28077	0.25206	0.253428	0.248034	0.188925	0.162228	0.220764	0.315481
0.252868	0.262286	0.290895	0.283639	0.251237	0.130522	0.133502	0.17299	0.297202	0.315048
0.247279	0.237625	0.209059	0.092022	0.163624	0.139894	0.131384	0.205468	0.330328	0.228128
0.203177	0.132399	0.209346	0.084601	0.204583	0.154982	0.151672	0.265796	0.320783	0.225146
0.140455	0.113501	0.255324	0.262987	0.288046	0.190101	0.216301	0.252683	0.275818	0.313688
0.119083	0.190029	0.282714	0.321763	0.315172	0.252152	0.285122	0.228243	0.317963	0.314417
0.218571	0.206927	0.18383	0.203325	0.233226	0.1204	0.241474	0.209556	0.319082	0.254509
0.147902	0.129929	0.160873	0.08962	0.178945	0.113104	0.145221	0.195652	0.287308	0.265368
0.097315	0.131965	0.177035	0.100962	0.111735	0.059306	0.125935	0.07554	0.218361	0.299128
0.078932	0.211856	0.183657	0.125962	0.119863	0.082199	0.077058	0.076521	0.201282	0.198404
0.116031	0.159264	0.14237	0.16172	0.073383	0.075783	0.125003	0.172173	0.256524	0.13569
0.107266	0.09599	0.060106	0.117794	0.084456	0.092003	0.115562	0.188464	0.226843	0.139001
0.036263	0.10751	0.083514	0.128159	0.054712	0.03247	0.055735	0.094935	0.12205	0.147389
0.054444	0.129109	0.167156	0.151614	0.060139	0.025498	-0.02377	0.064253	0.099462	0.050732
0.115365	0.053376	0.106459	0.094881	0.003292	0.052279	0.008328	0.110817	0.138445	0.087383
0.09017	0.017798	0.017756	0.017085	0.034291	0.041543	0.062644	0.160168	0.09626	0.140866
-0.00163	0.059211	0.016112	0.070931	0.05423	0.021196	0.087372	0.172389	0.157445	0.143723
0.023282	0.088738	0.045281	0.071562	0.025937	0.007478	0.056548	0.096546	0.118698	0.076946
0.051489	0.07398	0.048137	0.037872	-0.05456	-0.00805	0.076067	0.082807	0.081867	0.086754

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

80	81	82	83	84	85	86	87	88	89
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.06E-04	5.30E-05	2.65E-05	1.32E-05	6.62E-06	0	0	0	0	0
0.587686	0.659092	0.680997	0.705426	0.951672	1.4089	0.36201	2.075046	0.222285	0.111143
0.21137	0.182303	0.210508	0.211187	0.271712	0.340725	0.383294	0.444571	0.494636	0.500733
0.099432	0.069242	0.061478	0.078798	0.058097	0.109974	0.083332	0.142607	0.208833	0.189172
0.014322	0.035155	-0.04213	-0.02729	-0.06347	-0.00315	-0.05456	-0.01875	0.0594	0.076673
-0.1048	-0.05364	-0.07136	-0.08383	-0.12147	-0.08061	-0.11352	-0.05949	-0.10787	-0.00814
-0.12705	-0.10928	-0.10948	-0.11249	-0.13536	-0.12075	-0.15379	-0.07499	-0.15212	-0.11851
-0.09242	-0.13443	-0.15924	-0.14987	-0.14963	-0.13951	-0.1369	-0.137	-0.1605	-0.15823
-0.10591	-0.18741	-0.20497	-0.15802	-0.16138	-0.13676	-0.11549	-0.1482	-0.17039	-0.14418
-0.15124	-0.25279	-0.24937	-0.14609	-0.13	-0.15558	-0.12316	-0.1518	-0.1485	-0.13212
-0.12788	-0.16663	-0.16667	-0.11539	-0.10755	-0.15166	-0.12668	-0.14104	-0.14906	-0.1213
-0.13018	-0.14355	-0.11566	-0.12177	-0.13007	-0.16366	-0.13759	-0.11009	-0.16089	-0.14209
-0.17836	-0.16179	-0.10582	-0.14497	-0.13797	-0.16189	-0.12612	-0.10091	-0.17327	-0.15333
-0.1518	-0.1411	-0.12462	-0.16222	-0.14547	-0.15354	-0.146	-0.16641	-0.20632	-0.13641
-0.12933	-0.15935	-0.12355	-0.16306	-0.15725	-0.16719	-0.16361	-0.18681	-0.20265	-0.15722
-0.15055	-0.18681	-0.10279	-0.14164	-0.14207	-0.13294	-0.15823	-0.15255	-0.16865	-0.16617
-0.15954	-0.1712	-0.13213	-0.16935	-0.17041	-0.15268	-0.14432	-0.10806	-0.13376	-0.12093
-0.1553	-0.15491	-0.14563	-0.17456	-0.15274	-0.17608	-0.15272	-0.10418	-0.18674	-0.13399
-0.12509	-0.16988	-0.1456	-0.15286	-0.13672	-0.14598	-0.1461	-0.12902	-0.15924	-0.12194
-0.14314	-0.18265	-0.15359	-0.17622	-0.14714	-0.13056	-0.14462	-0.14791	-0.14198	-0.12431
-0.14752	-0.17154	-0.15446	-0.17689	-0.14621	-0.14481	-0.1746	-0.1415	-0.14584	-0.1112
-0.15987	-0.17341	-0.15844	-0.17825	-0.14599	-0.15786	-0.16885	-0.1329	-0.14583	-0.12143
-0.15887	-0.18005	-0.15466	-0.16666	-0.14635	-0.14447	-0.14269	-0.14118	-0.14159	-0.14123

-0.14316	-0.16139	-0.14542	-0.17051	-0.15378	-0.16759	-0.15504	-0.15592	-0.13116	-0.13793
-0.15935	-0.14794	-0.12209	-0.16173	-0.14866	-0.17761	-0.16135	-0.14775	-0.16467	-0.14991
-0.18891	-0.15231	-0.12467	-0.14906	-0.1665	-0.17839	-0.14184	-0.19956	-0.20842	-0.14434
-0.19925	-0.15327	-0.15578	-0.16189	-0.17915	-0.17523	-0.14236	-0.20379	-0.18121	-0.16224
-0.1564	-0.16026	-0.17201	-0.17909	-0.18015	-0.16316	-0.13883	-0.14908	-0.12678	-0.15654
-0.14482	-0.14805	-0.1471	-0.17364	-0.15792	-0.14386	-0.13135	-0.15231	-0.13925	-0.16308
-0.17315	-0.14598	-0.13707	-0.17808	-0.17059	-0.16085	-0.13947	-0.15833	-0.14395	-0.13364
-0.17966	-0.15545	-0.18112	-0.17064	-0.17856	-0.17502	-0.12027	-0.14793	-0.10734	-0.10375
-0.16882	-0.17636	-0.19842	-0.16882	-0.18955	-0.16396	-0.12799	-0.15392	-0.09727	-0.13888
-0.17721	-0.16836	-0.17994	-0.16228	-0.16744	-0.14325	-0.14932	-0.15412	-0.12745	-0.17265
-0.18469	-0.13572	-0.14205	-0.13651	-0.13703	-0.14761	-0.137	-0.13865	-0.13075	-0.17392
-0.18438	-0.15418	-0.14331	-0.12494	-0.15375	-0.15302	-0.1075	-0.15021	-0.12465	-0.15598
-0.15034	-0.15159	-0.14706	-0.11524	-0.14342	-0.16506	-0.14831	-0.15525	-0.11243	-0.16791
-0.13182	-0.13781	-0.14783	-0.12896	-0.11761	-0.139	-0.14331	-0.12431	-0.10884	-0.14542
-0.1446	-0.11711	-0.13187	-0.1212	-0.09001	-0.12013	-0.09842	-0.13533	-0.11609	-0.13666
-0.14549	-0.09254	-0.09916	-0.08555	-0.12257	-0.13672	-0.0989	-0.14311	-0.08842	-0.10382
-0.11506	-0.09495	-0.09697	-0.08256	-0.13452	-0.12345	-0.1024	-0.11572	-0.07349	-0.09664
-0.09232	-0.09181	-0.08882	-0.07658	-0.10952	-0.08925	-0.10062	-0.0893	-0.06543	-0.0869
-0.1006	-0.0629	-0.08059	-0.06492	-0.0963	-0.10056	-0.10879	-0.09138	-0.05638	-0.08441
-0.10061	-0.06458	-0.09796	-0.05606	-0.10603	-0.10262	-0.10227	-0.09495	-0.04735	-0.10073
-0.07936	-0.07454	-0.1054	-0.05457	-0.10616	-0.0864	-0.06371	-0.08013	-0.0338	-0.09427
-0.06912	-0.07612	-0.10218	-0.05681	-0.0813	-0.06756	-0.08762	-0.0729	-0.04713	-0.10161
-0.06965	-0.05844	-0.10101	-0.06395	-0.07067	-0.05209	-0.09518	-0.07237	-0.05617	-0.10628
-0.06474	-0.05195	-0.07398	-0.05312	-0.07396	-0.07764	-0.07497	-0.0939	-0.06792	-0.10213
-0.06887	-0.05677	-0.05631	-0.03039	-0.08902	-0.07762	-0.07989	-0.10287	-0.06723	-0.08348
-0.05412	-0.06528	-0.08497	-0.04251	-0.07485	-0.04183	-0.06982	-0.07354	-0.08098	-0.08461
-0.053	-0.0706	-0.10549	-0.04444	-0.06688	-0.04304	-0.07799	-0.06179	-0.0801	-0.08432
-0.06019	-0.05298	-0.07979	-0.01244	-0.05611	-0.04888	-0.08476	-0.06079	-0.05209	-0.08789
-0.08159	-0.0615	-0.06774	-0.03944	-0.06083	-0.05456	-0.08139	-0.03539	-0.05851	-0.08779
-0.05054	-0.0616	-0.07212	-0.10046	-0.09096	-0.05726	-0.08158	-0.02924	-0.0734	-0.07921
-0.02154	-0.03454	-0.08228	-0.08595	-0.08444	-0.05481	-0.06874	-0.03192	-0.06621	-0.06523
-0.03788	-0.0375	-0.05584	-0.00693	-0.05452	-0.07306	-0.06193	-0.05134	-0.08708	-0.0734
-0.03926	-0.04947	-0.04921	-0.01043	-0.0506	-0.0414	-0.04939	-0.04041	-0.07735	-0.06395
-0.02687	-0.04984	-0.03535	-0.0441	-0.04895	-0.0014	-0.05394	-0.01982	-0.03208	-0.06833
-0.02214	-0.05268	-0.01636	-0.05156	-0.05791	-0.00575	-0.06171	-0.04171	-0.05935	-0.0673
-0.00981	-0.06239	-0.02411	-0.06588	-0.05358	-0.0305	-0.03912	-0.05516	-0.09953	-0.04471
0.014139	-0.05401	0.008756	-0.03121	-0.0303	-0.04206	-0.05415	-0.06909	-0.11643	-0.04007
0.024912	-0.03072	0.022732	-0.00155	-0.00403	-0.05388	-0.06341	-0.03057	-0.0806	-0.04285
0.007802	-0.0229	0.011356	-0.04531	-0.01523	-0.045	-0.06203	-0.03173	-0.06614	-0.02876
-0.02831	-0.00376	0.007717	-0.0738	-0.05017	-0.04564	-0.05411	-0.05628	-0.05982	-0.01035
-0.011	-0.02653	-0.00292	-0.07366	-0.04366	-0.07294	-0.06118	-0.06736	-0.05632	-0.00662
0.010349	-0.06274	-0.00635	-0.03805	-0.03947	-0.08792	-0.0568	-0.04861	-0.05377	-0.01811
0.010613	-0.03304	0.019098	-0.01326	-0.02305	-0.05574	-0.01598	-0.01124	-0.03401	-0.04764
-0.01603	-0.01664	0.019047	-0.04472	-0.01416	-0.03021	-0.0032	-0.01489	-0.03935	-0.03819
-0.0302	-0.03656	-0.0082	-0.06195	-0.0348	-0.05051	-0.00456	-0.03296	-0.0283	-0.00695
-0.0102	-0.05339	8.86E-04	-0.0277	-0.02255	-0.0378	-0.02329	-0.0349	-0.04221	-0.00501
-0.00115	-0.03249	0.03023	-0.01985	-0.01666	-0.0306	-0.02624	-0.02807	-0.04919	-0.02693

-0.00804	-0.02349	0.020996	-0.05878	-0.02124	-0.0202	-1.38E-04	-0.00381	-0.03052	-0.03945
-0.01097	-0.02757	0.004647	-0.03549	-0.01733	-0.06668	-0.02056	-0.0297	-0.03659	-0.01735
-0.03288	-0.03433	0.013704	-0.00933	-0.01191	-0.08358	-0.03153	-0.04389	-0.02052	-0.05292
-0.04778	-0.04337	0.018507	-0.01998	-0.02927	-0.06896	-0.02414	-0.03987	-0.01785	-0.07339
-0.0155	-0.01928	0.005302	-0.0279	-0.01938	-0.04476	-0.00477	-0.0461	-0.07387	-0.08175
-0.04774	-0.03578	-0.04953	-0.05728	-0.02536	-0.02466	0.009175	-0.02736	-0.05433	-0.08321
-0.06259	-0.06372	-0.08677	-0.06488	-0.02631	-0.03003	0.00218	-0.02481	-2.32E-04	-0.024
-0.02669	-0.02382	-0.05027	-0.02651	-0.00982	-0.04831	-0.00738	-0.05824	-0.00391	-0.00749
0.014322	0.011571	0.001551	-0.0311	-0.01805	-0.0626	-0.00861	-0.08132	-0.02119	-0.05668
-0.00576	0.011982	-0.03068	-0.05555	-0.02734	-0.04813	0.008247	-0.0608	-0.03327	-0.08966
-0.06157	-0.03177	-0.0651	-0.07325	-0.0321	-0.04949	0.021916	-0.05667	-0.02316	-0.05625
-0.08516	-0.07589	-0.06104	-0.06581	-0.05416	-0.04199	-0.01066	-0.07433	-0.0081	-0.02579
-0.06795	-0.0484	-0.01289	-0.01505	-0.05181	-0.04495	-0.03639	-0.0647	1.18E-04	-0.05953
-0.02156	-0.00445	0.005057	-0.01635	-0.05266	-0.06442	0.001139	-0.0352	-0.00773	-0.06415
-0.02984	-0.01816	-0.0587	-0.03963	-0.03133	-0.03893	0.025791	-0.03763	-0.00958	-0.05748
-0.03823	-0.04624	-0.08879	-0.02413	-0.02163	-0.01325	-0.00587	-0.05017	-0.01572	-0.05446
-0.05308	-0.03838	-0.03893	-0.0279	-0.05262	-0.03434	-0.05155	-0.06898	-0.01348	-0.03494
-0.05437	-0.05091	-0.02332	-0.03851	-0.05442	-0.04377	-0.06962	-0.07219	-9.55E-06	-0.03163
-0.00687	-0.04562	-0.05748	-0.02013	-0.05212	-0.03495	-0.0351	-0.0453	-0.00999	-0.07422
-0.00221	-0.03255	-0.0692	0.003311	-0.0257	-0.0217	-0.04238	-0.05959	-0.01408	-0.08064
-0.04282	-0.03926	-0.07217	0.003114	-0.01337	-0.0039	-0.06462	-0.04229	0.012444	-0.04189
-0.07396	-0.02992	-0.05364	-0.02741	-0.04609	-0.02371	-0.05349	-0.01314	0.007637	-0.02633
-0.0562	-0.00141	-0.02939	-0.02761	-0.05781	-0.00254	-0.02384	-0.02263	-0.04746	-0.06996
-0.04899	0.002082	-0.03165	0.006873	-0.05177	0.013062	-0.01154	-0.02386	-0.05012	-0.07023
-0.05902	-0.04583	-0.07224	-0.00493	-0.08248	-0.01966	-0.05502	-0.02267	-0.01173	-0.04666
-0.04028	-0.03721	-0.0643	-0.02653	-0.09228	-0.04168	-0.08573	-0.05715	-0.03137	-0.0611
-0.03795	-0.00512	-0.02186	-0.03169	-0.08969	-0.04597	-0.07012	-0.04545	-0.0671	-0.04554
-0.02634	-0.00426	-0.04162	-0.04024	-0.09694	-0.0405	-0.04542	-0.02075	-0.07151	-0.03734
-0.00834	-0.02346	-0.0632	-0.02934	-0.0819	-0.03354	-0.05306	-0.03137	-0.05229	-0.03255
-0.02429	-0.03573	-0.04859	-0.00447	-0.04249	-0.00657	-0.05928	-0.03778	-0.02613	-0.02645
-0.07255	-0.03999	-0.02933	-0.0304	-0.02798	0.002827	-0.07589	-0.01904	-0.04105	-0.02559
-0.06918	-0.028	-0.03681	-0.06177	-0.05219	-0.0115	-0.08401	-0.00571	-0.0491	-0.02864
-0.03363	-0.04665	-0.05823	-0.04072	-0.0676	-0.01089	-0.06316	-0.02029	-0.0652	-0.04343
-0.02006	-0.06642	-0.07186	-0.03417	-0.07796	-0.02758	-0.05067	-0.00787	-0.09346	-0.06629
-0.01979	-0.04716	-0.04012	-0.04852	-0.0636	-0.0211	-0.03164	-0.00986	-0.09272	-0.07658
-0.01813	-0.02057	-0.02053	-0.04186	-0.05609	-0.01205	-0.0393	-0.0229	-0.07505	-0.05784
-0.00778	-0.03037	-0.04182	-0.04718	-0.05856	-0.02249	-0.04588	-0.02006	-0.07569	-0.03835
0.016724	-0.04847	-0.03981	-0.03957	-0.03739	-0.00833	-0.04667	-0.03215	-0.08989	-0.03844
-0.00875	-0.06469	-0.03762	-0.05199	-0.04102	-0.0303	-0.02909	-8.46E-04	-0.05449	-0.03981
-0.01949	-0.07679	-0.03555	-0.0995	-0.07941	-0.07278	-0.04226	0.019665	-0.0168	-0.03684
0.015838	-0.04751	-0.04012	-0.10581	-0.07435	-0.06149	-0.06855	-0.01401	-0.05339	-0.03807
0.020655	-0.03189	-0.02422	-0.04826	-0.05418	-0.01483	-0.07281	-0.04309	-0.0726	-0.03362
0.007507	-0.02903	-0.00317	-0.00384	-0.04655	-0.02707	-0.0701	-0.02407	-0.04549	-0.0048
-0.00275	-0.02817	-0.00624	-0.02958	-0.02807	-0.03481	-0.052	-0.00617	-0.04412	0.002426
0.011388	-0.02772	-0.00587	-0.05732	-0.02741	-0.03554	-0.04704	-0.02074	-0.04064	0.007865
0.012099	-0.05146	-0.02243	-0.05865	-0.01895	-0.02813	-0.04306	-0.01915	-0.01266	0.018479
-0.0046	-0.08935	-0.05358	-0.05079	0.001043	-0.01508	-0.03333	-0.01069	-0.01932	-1.47E-04

-0.03745	-0.0955	-0.05077	-0.05192	-0.00256	-0.03653	-0.01776	-0.00244	-0.0261	-0.01161
-0.0287	-0.05708	-0.00523	-0.05838	-0.04163	-0.04061	-0.03399	0.009575	-0.01651	-0.0206
0.014422	-0.02785	0.013337	-0.05385	-0.04413	-0.05764	-0.05163	-0.01957	-0.0292	-0.04489
0.01845	-0.03948	0.007239	-0.03391	-0.03006	-0.06473	-0.05127	-0.04884	-0.04431	-0.05282
0.002024	-0.03933	0.009103	-0.00107	-0.00307	-0.03566	-0.02964	-0.02792	-0.04929	-0.03091
-0.00984	-0.02806	0.011322	-0.00416	0.00626	-0.03417	-0.00149	0.014019	-0.02652	-0.02472
0.006804	-0.01623	0.006188	-0.03522	-0.02446	-0.03048	-0.01209	-0.01787	-0.00528	-0.02594
0.04021	0.008276	0.005859	-0.04893	-0.00665	-0.00779	-4.21E-05	-0.03613	-0.02568	-0.01594
0.036816	-0.00607	-1.51E-04	-0.07413	3.99E-04	-0.00499	0.009419	-0.02668	-0.04088	-0.01145
-0.00484	-0.00827	0.021149	-0.05107	-0.00192	-0.02991	-0.00763	-0.02517	-0.01143	0.01123
-0.01866	0.013269	0.021047	-0.00256	-0.01252	-0.06125	-0.02943	0.002203	0.026652	0.00345
-0.0063	0.001711	-0.02695	-0.04052	-0.03462	-0.06586	-0.02479	-0.01403	0.02937	-0.03252
0.024827	-0.00917	-0.03558	-0.05596	-0.00785	-0.04939	-0.00819	-0.04133	-0.00504	-0.04031
0.017092	0.003743	-0.00759	-0.02824	0.012982	-0.03776	-0.00198	-0.02329	-0.00575	-0.05275
-0.02052	0.007672	0.010725	0.003969	0.015126	-0.01098	0.043896	0.010575	0.039139	-0.01832
-0.03547	9.61E-06	-0.01475	0.009896	-0.03463	-0.02907	0.069997	0.032784	0.062184	0.009363
-0.02909	-0.01868	-0.03114	-0.01616	-0.05193	-0.04227	0.028132	-0.00468	0.014695	-0.0411
-0.01757	-0.01574	-0.02167	-0.02235	-0.00537	-0.02227	-0.03035	-0.06286	-0.01795	-0.02025
-0.00471	0.029545	-0.0091	-0.01386	0.022282	-0.02115	-0.01751	-0.06048	0.023094	0.05601
0.004407	0.054517	0.009863	0.016616	0.013712	-0.02358	0.029273	-0.02513	0.035167	0.036883
-0.01343	0.029922	-0.01661	0.002245	0.002515	-0.02402	0.033903	-0.00715	0.043043	-0.01205
-0.01014	0.024125	-0.03821	-0.02453	0.002002	-0.01769	0.005881	-0.02828	0.023094	-0.00925
-0.00105	0.026826	-0.01506	-0.02317	0.005225	-0.02734	-0.01747	-0.06256	-0.02178	-0.01981
-0.0391	0.008145	0.014992	-0.00477	0.022994	-0.02024	0.012362	-0.03725	-0.00553	-0.02735
-0.07957	6.19E-04	0.011738	0.031145	0.015604	-0.02024	0.052159	0.024434	0.030598	-0.03682
-0.06704	-0.0051	-0.02396	0.02022	-0.00573	-0.03466	0.013249	0.012978	7.71E-04	-0.05841
-0.02027	0.012955	-0.02659	0.010663	0.0077	-0.01515	-0.01516	-0.03124	-0.01349	-0.03851
-0.01304	0.041014	-0.01237	0.027467	0.025084	-0.04562	0.012887	-0.03436	0.016892	-0.01821
0.00418	0.062918	0.010128	0.038098	-0.01626	-0.04959	0.047919	7.24E-04	0.048973	-0.00612
0.010662	0.063418	0.013787	0.021759	-0.03992	-0.00771	0.060491	0.018811	0.061248	-0.00635
0.002947	0.050215	0.008937	-0.00306	-0.01542	-0.00934	0.017345	0.008969	0.033272	-0.03535
0.003952	0.029682	0.013554	-0.00717	0.003079	-0.02926	-0.00165	-0.02089	-0.00465	-0.04971
-0.00451	0.003226	0.016821	0.029503	0.030972	-0.01611	0.038775	-0.03064	0.01156	-0.02387
0.017913	0.011242	-1.99E-04	0.04916	-0.00261	0.012579	0.073231	0.014466	0.041989	0.006405
0.027682	0.056575	-0.00586	0.013075	-0.01181	0.037725	0.042276	0.011051	0.042094	0.001098
0.006967	0.063196	-0.00199	-3.84E-04	0.033973	0.050003	0.001763	-0.01193	0.026703	-0.01214
-0.02651	0.041155	-0.01245	0.031198	0.0389	0.025235	0.012805	-0.01574	0.029046	0.001891
-0.01884	0.034877	-0.00568	0.040024	-0.01834	-0.02114	0.019608	0.004803	0.045883	0.008309
0.015588	0.036739	-0.01024	0.028928	-0.03126	-0.03469	0.009142	0.040681	0.044293	-0.00958
0.034981	0.02235	-0.02416	0.029817	-0.01017	0.01711	0.019158	0.046383	0.017256	-0.01984
0.024673	0.031832	-0.00547	0.037672	-0.00543	0.056045	0.016582	0.025537	0.011266	0.002865
-0.02681	0.050719	0.020894	0.054319	3.30E-06	0.016338	0.015573	0.036845	0.064063	0.038714
-0.06781	0.029099	0.028326	0.067707	0.008271	0.010141	0.041942	0.040611	0.079045	0.007306
-0.04626	0.005054	0.007322	0.039007	0.011237	0.025441	0.02326	0.018125	0.036845	0.00629
0.00646	0.006597	-0.01968	0.009013	0.020189	0.048483	0.010888	0.036305	3.57E-04	0.023271
0.012265	0.040838	0.00504	0.04587	0.030583	0.051984	0.007355	0.02753	-0.02178	0.01715
0.009032	0.046027	0.025588	0.074192	0.005659	0.024397	-0.02394	0.010001	0.021301	0.033941

0.012828	0.040187	0.03756	0.057283	-0.00352	0.051292	-0.00975	0.035974	0.058452	0.044665
0.021128	0.041525	0.046473	0.039042	-0.00419	0.048628	0.008166	0.052903	0.024221	0.016362
0.002639	0.033854	0.026602	0.046541	-0.01165	0.025749	0.004832	0.046722	0.002097	0.007963
-0.0032	0.069844	0.050307	0.076091	0.03449	0.047292	0.009207	0.021075	0.016676	0.031678
0.00736	0.068285	0.04446	0.077335	0.040742	0.058904	0.021145	0.025809	0.037834	0.033557
0.039222	0.029099	0.003423	0.03246	-0.02288	0.057998	0.053149	0.066634	0.027466	0.013639
0.046343	0.033438	-0.01868	0.010998	-0.04826	0.049369	0.030828	0.082032	-0.00219	0.007126
0.019829	0.038258	-0.05737	0.029085	-0.0231	0.049423	0.018109	0.051584	0.003219	0.019068
0.039628	0.040662	-0.04794	0.062069	-0.00516	0.060981	0.031136	0.039925	0.011888	0.031783
0.04812	0.018905	-0.01326	0.052641	0.001307	0.057297	0.004719	0.020352	0.031608	0.03361
0.029624	-3.11E-04	-0.02991	0.010363	0.009937	0.054211	-0.00633	0.016458	0.012133	0.025987
0.014056	0.002678	-0.04976	0.015196	-0.00248	0.043026	-0.01627	-0.00569	-0.02809	0.021283
0.041695	0.002275	-0.02739	0.031811	-0.0099	0.039561	-0.03934	-0.03642	-0.03464	0.028823
0.055755	0.013963	0.014992	0.04372	-0.01303	0.045261	-0.00692	0.013474	-0.01263	0.024123
0.046397	-0.01521	0.026516	0.01964	6.92E-05	0.061539	0.02752	0.048456	0.00237	0.030448
0.031316	-0.01586	0.020996	0.005748	0.009381	0.051874	0.017727	0.021563	-0.02532	0.030933
0.041801	0.038066	0.046185	0.017904	0.022786	0.032487	0.014072	0.025962	-0.00348	0.033244
0.089471	0.067105	0.080941	0.019333	0.013644	0.022828	-0.00982	0.047347	-0.01323	0.026896
0.096991	0.060535	0.073231	-0.00402	-0.00331	0.007076	-0.03639	0.036741	-0.03391	0.010767
0.054987	0.019441	0.041281	-8.56E-04	0.008775	0.02745	-0.01064	0.038243	-0.03651	0.019068
0.031939	0.008717	0.040961	0.012588	0.011152	0.012313	-0.0071	0.019313	-0.05847	0.023697
0.047616	0.017869	0.051763	-0.01325	-0.00898	-0.02967	-0.00581	0.012516	-0.05079	0.019997
0.057074	0.02149	0.031516	-0.02459	-0.0288	-0.01234	0.013397	0.036497	-0.0272	0.020437
0.04388	0.00507	0.033119	0.012203	0.014853	0.036651	0.017129	0.080911	0.004874	0.022914
0.033431	-0.01013	0.03162	0.035297	0.037299	0.004016	0.018043	0.063935	5.00E-04	0.047465
0.030107	-0.01705	0.02588	-0.01723	0.00901	-0.03021	0.004494	0.009952	0.017306	0.044254
0.016356	-0.00752	0.050471	-0.02158	0.004725	-0.00636	0.004719	-0.02504	0.024406	0.008424
0.028626	0.035502	0.054635	-0.00746	0.040344	0.033725	0.047563	-0.00546	0.018218	0.013539
0.019206	0.02975	0.047753	0.015196	0.046041	0.02714	0.078931	0.036462	0.007232	0.031123
-0.01185	4.42E-04	0.064246	0.028527	0.029241	4.44E-04	0.069604	0.013209	0.007167	0.033209
-0.02187	0.01393	0.054231	-0.00754	0.031096	-0.01111	0.024895	0.024909	0.04387	0.023492
0.014788	0.066115	0.017006	-0.02537	0.034739	-0.02495	-0.00711	0.038313	0.065727	0.025507
0.003238	0.071805	-0.01073	-0.02013	0.030247	0.003332	0.014006	0.032663	0.066599	0.045543
-0.02362	0.040645	-0.02312	-0.01873	0.01783	3.14E-04	0.052609	0.008512	0.046893	0.0724
0.014705	0.060149	0.001876	0.011081	0.020396	-0.0096	0.060015	0.019765	0.054065	0.069208
0.05528	0.105172	0.01969	0.028249	0.039622	-3.00E-04	0.081847	0.045724	0.062074	0.012391
0.0738	0.070692	-0.00689	0.049434	0.055955	0.031218	0.093456	0.033891	0.053633	0.009017
0.039822	0.027082	0.026052	0.097195	0.073277	0.094338	0.090677	0.027444	0.084679	0.034116
0.026928	0.042726	0.02309	0.094189	0.049887	0.075634	0.064302	0.014168	0.096408	0.033296
0.043969	0.073263	0.01302	0.075334	0.030866	0.017295	0.060162	0.039978	0.086249	0.026261
0.06065	0.069543	0.018422	0.076518	0.031149	0.021943	0.097529	0.087366	0.070383	0.006585
0.069907	0.059266	0.032317	0.09024	0.023811	0.036616	0.078147	0.056318	0.089466	0.030223
0.036798	0.075832	0.051162	0.066206	0.018879	0.036054	-0.00543	0.00209	0.106302	0.067169
0.016406	0.092836	0.008805	0.036465	3.33E-04	0.003951	-0.01106	0.011232	0.075639	0.054214
0.025816	0.077322	-0.01197	0.051007	-0.00226	0.026092	0.03287	0.03875	0.035409	0.020877
0.0586	0.059321	0.030438	0.096889	0.02622	0.070454	0.032767	0.035105	0.006633	-0.01575
0.057589	0.080069	0.080201	0.122067	0.053413	0.066877	0.018575	0.044445	0.015338	0.012757

0.075194	0.089417	0.074324	0.093219	0.032638	0.074271	0.048667	0.093204	0.063565	0.075212
0.12132	0.090975	0.055829	0.069712	-0.01169	0.08907	0.091838	0.116344	0.070908	0.06989
0.130872	0.106112	0.070843	0.083493	0.011017	0.10472	0.065821	0.104263	0.038513	0.0529
0.12521	0.104988	0.11639	0.139641	0.090344	0.089209	0.030349	0.111057	0.040746	0.065158
0.102783	0.128874	0.147451	0.122628	0.095014	0.078412	0.021531	0.111202	0.071189	0.089571
0.095244	0.100906	0.110653	0.066851	0.043538	0.096835	0.038566	0.081471	0.065542	0.0914
0.115151	0.054045	0.096926	0.07874	0.045766	0.078586	0.018242	0.065273	0.02584	0.052007
0.102967	0.016253	0.096906	0.066547	0.029294	0.040039	-0.03613	0.062619	-0.00363	0.057279
0.072276	0.022873	0.068753	0.021759	0.029947	0.070017	0.002148	0.0768	0.004665	0.090922
0.066143	0.034755	0.078085	0.008415	0.040869	0.062826	0.070428	0.091361	0.068179	0.096389
0.088839	0.051566	0.089407	0.029259	0.043356	0.041903	0.071724	0.090768	0.089916	0.053794
0.138973	0.099111	0.100256	0.044676	0.092724	0.038748	0.029137	0.051205	0.020566	0.037745
0.114626	0.095962	0.104311	0.064614	0.120761	0.035054	-0.01047	0.017258	0.015734	0.059494
0.077266	0.083162	0.065223	0.061825	0.115656	0.016271	-3.13E-04	0.04885	0.077158	0.099097
0.099371	0.069129	0.040392	0.051466	0.104028	0.06234	0.06029	0.074398	0.123924	0.102537
0.103763	0.049712	0.079404	0.04694	0.085181	0.088693	0.096631	0.060938	0.101066	0.065233
0.076459	0.05126	0.100623	0.038721	0.0841	0.065466	0.08127	0.060404	0.075848	0.00147
0.047419	0.073985	0.106622	0.069215	0.089816	0.025167	0.069641	0.048581	0.070477	3.10E-05
0.052383	0.085146	0.095513	0.047976	0.071486	0.027003	0.085249	0.078428	0.102656	0.08574
0.05814	0.075584	0.069341	0.008647	0.049204	0.087308	0.112122	0.065329	0.082401	0.052226
0.085025	0.071182	0.091619	0.020784	0.080753	0.092415	0.091976	0.009395	0.045052	0.037798
0.060742	0.06591	0.117619	0.06367	0.116624	0.066388	0.103255	0.062009	0.088001	0.04497
0.024588	0.079357	0.091199	0.085809	0.079643	0.028501	0.108873	0.095114	0.124157	0.067433
0.063322	0.068698	0.029087	0.063576	0.042901	0.034914	0.084299	0.05171	0.114972	0.048962
0.067025	0.048026	0.032125	0.028301	0.053637	0.05933	0.082657	0.03594	0.080691	0.007881
0.021196	0.075469	0.073135	0.046649	0.052743	0.041957	0.074611	0.042373	0.073088	0.006388
-0.00621	0.076863	0.073998	0.060961	0.077491	0.033533	0.052159	0.054698	0.095257	9.03E-04
0.020031	0.068022	0.064678	0.065333	0.084	0.050203	0.072458	0.086485	0.115345	0.04907
0.046558	0.092796	0.055829	0.065466	0.071272	0.062191	0.076205	0.078639	0.088938	0.084738
0.042404	0.098387	0.03779	0.037938	0.101419	0.087624	0.051333	0.033233	0.030188	0.072571
0.021652	0.093749	0.067277	0.072572	0.10495	0.049007	0.05626	0.004382	0.028706	0.007865
0.036081	0.094426	0.101338	0.104264	0.051609	0.012962	0.092883	0.038558	0.048314	-0.00758
0.0738	0.076519	0.038055	0.083552	0.022057	0.044795	0.114752	0.099765	0.049312	0.045561
0.051567	0.071012	0.02086	0.046214	0.021589	0.062359	0.063194	0.076532	0.007994	0.038344
7.65E-04	0.075526	0.019233	0.05786	0.008523	0.057002	0.014335	0.026916	0.010956	-0.00705
-0.02737	0.06776	0.005089	0.085452	0.019671	0.037091	0.00459	0.022794	-0.02235	-0.02735
-0.02622	0.031401	0.01898	0.082703	0.029717	0.06348	0.027401	0.052866	1.50E-04	0.02069
0.013392	0.009077	0.034046	0.027797	0.012931	0.058275	0.06701	0.090472	0.025232	0.061145
0.010827	0.023938	-0.00358	0.01028	0.005042	0.044563	0.060272	0.079196	0.001538	0.052572
0.015905	0.039467	-0.02648	0.048249	0.031981	0.051656	0.007452	0.048868	0.028434	0.03676
0.035103	0.052632	-2.14E-05	0.064425	0.026816	0.061353	-0.01278	0.021815	-0.01938	0.026518
0.024112	0.036582	0.022885	0.034467	-0.02686	0.052202	-0.01829	-0.0157	-3.92E-04	0.022081
0.012463	-0.01061	0.00604	0.027537	-0.01634	0.021417	-0.03139	0.011051	0.017753	0.044522
-0.00219	-0.02488	-0.02944	0.025234	-0.00176	0.008408	-0.01844	0.014218	-0.00212	0.047465
0.01248	0.026332	-0.00609	0.025925	-0.01962	0.002519	-0.00997	0.005922	-0.01623	0.011661
0.053274	0.093352	0.055406	0.042335	-0.0223	0.020095	-0.0119	0.037055	-0.01819	-0.02095
0.033483	0.047543	0.052731	0.017158	-0.02329	0.05091	0.009566	0.037212	-0.01857	-0.01906

0.00923	-0.00668	0.01252	-0.00393	-0.00809	0.034214	0.024186	0.014234	-0.04145	0.02669
0.003498	-0.02946	-0.01398	-0.00564	-0.00995	-4.29E-04	-0.0016	0.016475	0.001618	0.058662
0.015538	-0.02355	-0.00437	2.52E-04	-0.03875	0.007175	-0.00316	0.001302	-0.01602	0.033505
0.020099	0.012097	0.028602	0.031636	-0.01111	0.027656	-0.00135	-0.00219	-0.03712	0.007159
-0.00377	-0.00919	0.025434	0.027919	0.001704	0.024996	0.002837	0.014532	-0.00785	0.021707
-0.00841	-0.0262	0.009284	0.019691	0.003311	-0.01817	-0.01382	-0.00427	0.006116	0.037938
0.002137	-0.04206	-0.00344	-9.37E-04	-0.00847	-0.02521	-0.02442	0.004172	-0.01982	0.009
0.010629	-0.05336	-0.03289	-0.01706	-0.0169	-0.00194	-0.01676	-0.00121	-0.0415	-0.05018
-0.00328	-0.0456	-0.03078	-0.0469	-0.00569	0.025732	0.032165	0.039153	0.022389	-0.01963
-0.04129	-0.0511	-0.00547	-0.04088	-0.00654	0.069012	0.06951	0.060607	0.074976	0.054708
-0.02702	-0.03746	0.004369	-0.01657	0.007834	0.031913	0.034455	0.017441	0.067751	0.036005
0.014173	-0.04126	0.008277	-0.01756	0.003976	-0.00604	0.016881	-0.00481	0.026161	0.02108
0.008097	-0.0486	0.014189	-0.02176	-0.0224	-0.03621	0.029734	-0.01873	0.0121	0.036111
-0.01352	-0.05793	0.009268	-0.01465	-0.01169	-0.01695	0.049096	0.003767	0.022155	0.009676
-0.01553	-0.02528	0.019419	-0.00209	0.002697	0.013845	0.029154	-2.86E-04	0.018999	0.008654
0.006411	-0.0138	0.015478	-0.00513	-0.01758	-0.04504	-0.00278	0.007484	0.014514	0.046512
0.014405	-0.03048	0.006565	-0.0243	-0.0257	-0.06519	0.008491	-0.0239	-0.00816	0.021911
-0.00823	-0.02862	-0.02116	-0.06362	-0.02094	-0.0599	0.015656	-0.03372	-0.01126	-0.02774
-0.0441	-0.06092	-0.07304	-0.09428	-0.01408	-0.04584	0.043261	-0.01354	0.026889	0.013739
-0.03705	-0.08832	-0.08228	-0.09426	-0.02158	-0.04125	0.022268	-0.00899	0.040309	0.026724
-0.0484	-0.07692	-0.0546	-0.07075	-0.04205	-0.05752	-0.00138	-0.01744	0.003075	0.013605
-0.07361	-0.05654	-0.02133	-0.05831	-0.04416	-0.06777	-0.02629	-0.0858	-0.01798	0.019777
-0.08494	-0.05541	-0.03954	-0.06264	-0.04497	-0.07295	-0.02594	-0.06208	-0.01511	-0.02762
-0.10499	-0.08387	-0.05557	-0.04852	-0.02775	-0.04363	-0.00535	-0.01542	-1.37E-04	-0.03858
-0.07174	-0.08259	-0.04474	-0.03016	-0.04671	-0.06348	-0.04998	-0.03124	-0.00796	-0.02362
-0.02403	-0.04691	-0.02732	-0.04645	-0.06036	-0.08629	-0.04837	-0.04588	-0.0195	-0.00246
-0.02693	-0.04114	-0.02292	-0.06817	-0.04258	-0.06662	-0.03495	-0.05936	-0.03073	-0.02272
-0.06082	-0.06229	-0.06986	-0.06835	-0.03522	-0.06332	-0.0384	-0.06209	-0.03422	-0.04062
-0.09227	-0.079	-0.06684	-0.04763	-0.04401	-0.07148	-0.06106	-0.05819	-0.01956	-0.03639
-0.09799	-0.06642	-0.03926	-0.06221	-0.05736	-0.09535	-0.05101	-0.04229	-0.02323	-0.02559
-0.04797	-0.05385	-0.03244	-0.07169	-0.08589	-0.11968	-0.05935	-0.07059	-0.04397	-0.04125
-0.03585	-0.06347	-0.05109	-0.0817	-0.09285	-0.1102	-0.05772	-0.06268	-0.04057	-0.05781
-0.0709	-0.08267	-0.07289	-0.12172	-0.08198	-0.0849	-0.0719	-0.07128	-0.03265	-0.0772
-0.06694	-0.0874	-0.06571	-0.11677	-0.0984	-0.09676	-0.08563	-0.08844	-0.05266	-0.06872
-0.04923	-0.06591	-0.0438	-0.0908	-0.11391	-0.13031	-0.06338	-0.09305	-0.05219	-0.02432
-0.03804	-0.05865	-0.04054	-0.08467	-0.09577	-0.13517	-0.07057	-0.11788	-0.05904	-0.06235
-0.05188	-0.07197	-0.07463	-0.08416	-0.05593	-0.09578	-0.06142	-0.09389	-0.05939	-0.09741
-0.06817	-0.06813	-0.08761	-0.09841	-0.06814	-0.06856	-0.06195	-0.06739	-0.03772	-0.06275
-0.08013	-0.07567	-0.0596	-0.07132	-0.08198	-0.08269	-0.081	-0.07637	-0.04376	-0.03008
-0.06857	-0.05836	-0.02614	-0.0342	-0.06706	-0.09958	-0.06513	-0.07651	-0.04506	-0.02738
-0.03619	-0.01922	-0.01398	-0.04572	-0.05307	-0.09229	-0.04861	-0.05317	-0.04245	-0.03186
-0.04903	-0.01491	-0.03939	-0.06574	-0.03311	-0.04888	-0.01492	-0.01429	-0.03348	-0.03558
-0.06744	-0.04647	-0.0494	-0.0468	-0.03329	-0.03203	-0.0173	-0.01019	-0.027	-0.04412
-0.05455	-0.03555	-0.02941	-0.01391	-0.05663	-0.06925	-0.04969	-0.04608	-0.02145	-0.02333
-0.04007	0.001808	-0.0081	7.24E-05	-0.06477	-0.0951	-0.07438	-0.06391	-0.02284	-0.01895
-0.02913	0.009682	-0.02333	0.002442	-0.02229	-0.04786	-0.03585	-0.0252	-0.0183	-0.01402
-0.03124	0.008096	-0.01456	1.05E-04	0.005993	0.020467	0.013085	0.015627	0.019632	-0.00362

-0.04655	0.002098	0.008838	-0.00846	-0.03136	-0.00739	-0.00634	0.023131	0.041446	0.009379
-0.01219	0.023735	-0.00151	-0.00965	-0.04148	-0.03346	-0.01647	0.003315	0.040798	0.018765
0.019425	0.040733	0.016334	0.019487	-0.00521	-0.00304	-0.00705	0.001366	0.009342	0.017923
-0.01299	0.020313	0.006697	0.04142	0.02608	0.032714	0.024692	0.01861	0.015107	0.056653
-0.0244	0.004746	-0.02147	0.030918	0.009886	0.033132	0.003785	0.016808	0.027347	0.061423
0.012828	0.030884	0.01312	0.046015	-0.01159	0.013795	-0.0284	-0.003	0.029745	0.047573
0.06028	0.06866	0.051508	0.060793	0.019861	0.032261	-0.00821	-0.00751	0.063805	0.078003
0.072143	0.083512	0.020962	0.068165	0.059228	0.064715	0.036428	0.022102	0.071377	0.069947
0.056048	0.083104	0.019487	0.081837	0.055131	0.060554	-0.01521	0.049514	0.036637	0.030326
0.053692	0.090698	0.060305	0.082841	0.031131	0.057371	-0.02708	0.053845	0.01356	0.013672
0.076114	0.115271	0.077891	0.07792	0.030247	0.072568	0.027724	0.040066	0.053291	0.042702
0.090382	0.127647	0.071625	0.084026	0.021035	0.052895	0.027758	0.041068	0.059894	0.077501
0.11358	0.10981	0.072714	0.121269	0.038018	0.063816	0.048043	0.031852	0.011593	0.061628
0.105996	0.098307	0.08417	0.11664	0.087492	0.097663	0.051548	0.046063	0.029131	0.037516
0.073914	0.112189	0.078143	0.081522	0.072517	0.079206	0.058188	0.06697	0.06632	0.030898
0.095424	0.138376	0.058135	0.07611	0.033777	0.065316	0.036306	0.047687	0.079389	0.038785
0.130807	0.149084	0.075998	0.085135	0.018088	0.069088	0.01061	0.036636	0.070271	0.062186
0.14153	0.119575	0.106725	0.081031	0.007784	0.084277	0.042839	0.048761	0.059638	0.073584
0.120555	0.068923	0.096199	0.088738	0.043174	0.056358	0.060895	0.094476	0.077767	0.049432
0.127017	0.08293	0.0877	0.067726	0.05485	0.037566	0.059503	0.096732	0.091879	0.025336
0.127989	0.103705	0.060473	0.010313	0.023029	0.066482	0.037261	0.07615	0.069205	0.027222
0.131024	0.102993	0.077369	0.040506	0.043029	0.103652	0.074233	0.083	0.059492	0.062708
0.145021	0.068942	0.097716	0.108134	0.094154	0.090262	0.108034	0.084827	0.054625	0.062857
0.11162	0.030712	0.090761	0.08111	0.088926	0.030507	0.052843	0.061547	0.044981	0.00181
0.095404	0.069205	0.105382	0.007585	0.058624	0.025167	0.019541	0.056664	0.054083	-0.0163
0.110103	0.111174	0.112809	-5.95E-04	0.086627	0.0719	0.047278	0.056555	0.031094	0.008934
0.094143	0.049191	0.093702	0.039078	0.111482	0.101606	0.081867	0.065906	0.046485	0.020284
0.083092	0.031608	0.089407	0.050549	0.112549	0.055017	0.092962	0.073391	0.082517	-0.00384
0.100404	0.07587	0.090661	0.037423	0.069567	0.009282	0.092035	0.085392	0.093871	-0.01937
0.102437	0.089594	0.080318	0.01528	0.04937	0.028898	0.069043	0.115967	0.11284	0.016479
0.09691	0.064105	0.090661	0.033304	0.071253	0.011367	0.026417	0.056938	0.08623	0.051135
0.082663	0.031814	0.085961	0.059931	0.098473	0.038907	0.054431	0.040294	0.069728	0.022318
0.060557	0.019793	0.051126	0.05515	0.082065	0.064753	0.115209	0.064455	0.062276	-0.04004
0.038712	0.011192	0.045429	0.02641	0.037874	0.027725	0.094069	0.060551	0.068198	-0.03349
0.044271	0.00777	0.06936	0.001787	0.03818	0.003918	0.034835	0.041139	0.084273	0.03354
0.034144	0.032505	0.049563	0.025147	0.056405	0.011815	-0.01272	0.020722	0.09611	0.069019
0.012281	0.054953	0.021302	0.042048	0.05059	0.016153	0.010708	0.056172	0.107545	0.049757
0.022109	0.057799	0.003145	0.02891	0.001654	0.001853	0.071498	0.090907	0.071339	7.58E-04
0.037412	0.055044	-0.00236	0.013915	-4.91E-04	0.009761	0.078606	0.09906	0.036083	0.010354
0.055682	0.045083	0.012603	0.034114	0.034347	0.033428	0.055281	0.058054	0.041393	0.061777
0.057919	0.08499	0.038496	0.059277	0.06518	0.044384	0.047848	0.051259	0.040588	0.055551
0.012546	0.090619	0.041869	0.076013	0.054588	0.025749	0.054955	0.074303	0.063639	0.058016
-0.00525	0.06277	0.011223	0.030813	-0.00207	0.021858	0.072534	0.08872	0.060314	0.084091
0.037324	0.056119	-0.0172	-0.01402	-0.03787	0.036071	0.088541	0.070197	0.003059	0.063903
0.068605	0.078895	0.046059	0.037814	-0.01665	0.025749	0.05921	0.065608	-0.00636	0.018748
0.042404	0.118248	0.10273	0.116875	0.054551	0.023288	0.027418	0.075216	0.019016	-0.00454
0.028334	0.100846	0.097594	0.122499	0.04498	0.03873	0.017893	0.035296	6.28E-04	0.028513

0.070948	0.052994	0.03298	0.045707	-1.29E-04	0.051692	0.048293	8.04E-04	-0.02851	0.043148
0.065918	0.010174	-0.01633	-0.00194	-0.01458	0.040075	0.04492	0.003881	-0.02329	0.017537
0.028128	9.24E-04	0.006647	0.011734	-0.00388	0.024671	0.04131	0.039574	0.004939	0.005096
0.040846	0.039081	0.049309	0.03304	0.018552	0.037901	0.059613	0.047687	0.028621	0.031748
0.03404	0.038573	0.072293	0.001166	0.006745	0.063087	0.047421	-0.00691	0.012674	0.079532
0.036956	-0.00637	0.04446	-0.00922	-0.01233	0.055035	0.041573	-0.02278	0.01001	0.099726
0.07529	-0.01329	0.01247	-0.02985	-0.0293	0.008804	0.011313	0.007076	0.035495	0.050446
0.089768	0.018487	0.028395	-0.01159	0.006327	-0.0027	0.031685	0.028264	0.057415	0.032078
0.097857	0.060406	0.052584	0.016074	0.067349	0.025612	0.074668	0.024062	0.026331	0.081163
0.10311	0.072354	0.068317	0.007568	0.064644	0.058848	0.081501	0.016725	0.02508	0.114493
0.076344	0.030042	0.076615	0.001149	0.040851	0.080468	0.053853	0.015527	0.032139	0.097034
0.051984	-0.00436	0.050471	-0.03457	0.051535	0.079381	0.048311	0.011841	0.034167	0.042364
0.060243	0.026043	0.064603	5.13E-04	0.06541	0.090162	0.08428	0.004285	0.047461	0.020572
0.060668	0.07296	0.062206	0.02719	0.030441	0.049731	0.058243	0.002589	0.059985	0.020657
0.007229	0.042196	0.038143	0.014101	0.024456	0.048844	0.023731	0.008937	0.079256	0.018243
-0.00341	0.028226	0.050507	0.021708	0.055	0.098412	0.042997	0.022338	0.073013	0.016647
0.063099	0.065724	0.04446	0.028945	0.069451	0.091058	0.068557	0.041174	0.040221	0.014723
0.110477	0.11829	0.070786	0.057879	0.042011	0.058719	0.057915	0.044729	0.064746	0.041191
0.091552	0.12991	0.071797	0.064558	0.028801	0.029849	0.010643	0.051566	0.075317	0.062764
0.062857	0.10022	0.01237	0.034714	0.06207	0.048646	-0.0101	0.061399	0.047266	0.076711
0.012331	0.067049	-0.01809	0.037992	0.081547	0.068917	0.024017	0.064864	0.04343	0.084405
-0.01875	0.063567	0.005204	0.047849	0.054271	0.062247	0.019975	0.031525	0.043096	0.116915
0.026158	0.075622	0.029606	0.051117	0.005876	0.040784	0.011969	0.048456	0.090896	0.187603
0.069983	0.054953	0.047735	0.08296	-0.02444	0.00547	0.033714	0.075102	0.090543	0.171882
0.046684	0.042637	0.061105	0.082132	0.02678	0.00831	0.052321	0.066672	0.062111	0.084248
0.023483	0.018972	0.05359	0.072899	0.047454	0.05091	0.057187	0.03396	0.035357	0.073737
0.040704	-0.00719	0.049527	0.074773	0.073608	0.085495	0.048043	0.006344	0.017173	0.079959
0.090818	0.016852	0.043476	0.076208	0.11441	0.057094	0.059631	0.039311	0.025975	0.062969
0.076555	0.01504	0.015092	0.053544	0.080475	0.003576	0.069342	0.02876	0.017156	0.024533
0.036151	-0.00783	0.008591	0.0619	0.038522	-0.0086	0.061482	0.016758	0.025519	0.033906
0.02597	-0.0143	0.019656	0.06452	0.026973	0.001302	0.038339	0.001415	0.043606	0.065083
0.027236	0.008684	0.027325	0.024733	0.05059	0.012546	0.019808	-2.95E-05	0.045954	0.046117
0.018416	0.00619	0.057895	0.026462	0.051999	0.010688	0.036931	0.039066	0.058543	0.054251
0.012447	0.009191	0.066315	0.039113	0.033171	8.97E-04	0.070897	0.034307	0.060717	0.070896
-9.73E-04	-0.01956	0.040162	0.032988	0.009684	-0.00507	0.042821	-0.01062	0.015767	0.028961
-0.00511	-0.02505	0.023448	0.042353	-0.01753	-0.01248	0.006366	0.001045	-4.07E-04	0.022064
0.039557	0.020767	0.023807	0.068584	0.005025	-0.00548	0.009941	0.00987	0.007605	0.053192
0.037798	0.036059	0.057378	0.042137	-0.00113	0.011234	0.019491	-0.03137	0.001682	0.034902
0.026414	0.035468	0.060101	0.005253	-0.04885	0.021603	0.027163	-0.00762	0.007864	0.015625
-0.01864	0.010568	0.006352	0.002376	-0.01935	0.041743	0.004526	0.033009	0.056308	0.047447
-0.02447	0.017869	0.014205	0.067612	0.01663	0.044187	0.01151	0.038961	0.082517	0.068093
0.023619	0.047543	0.038267	0.092996	0.019275	0.059867	0.056551	0.043063	0.083635	0.047717
0.029779	0.054517	0.039346	0.057209	4.81E-04	0.064922	0.018575	0.03587	0.069654	0.0222
0.001458	0.065873	0.068014	0.030516	-0.01946	0.028604	-0.00672	0.032508	0.034443	0.038573
0.005873	0.049981	0.058432	0.032601	-0.00325	-0.00972	0.006318	0.040312	0.0275	0.0416
0.037307	0.023076	0.03924	0.034837	0.008187	-0.01046	0.026146	0.025028	0.049366	0.010866
0.018601	-0.01052	0.006467	0.021126	0.010595	-4.77E-04	0.022705	0.021445	0.056489	0.016697

-0.00871	-0.01688	0.02268	-0.02312	-0.00421	-0.00866	-0.01002	0.03554	0.045529	0.002394
0.008687	0.008651	0.018473	-0.08353	-0.03144	9.78E-04	-0.02441	0.012483	0.038391	-0.01043
0.027733	0.011999	0.001454	-0.07333	-0.04807	-0.02567	-0.00464	0.010116	0.013856	-0.06019
0.004293	-0.0058	0.031237	-0.02182	-0.04304	-0.04036	0.018558	0.01498	-0.00231	-0.07589
-0.00449	-0.02128	0.027394	-0.02732	0.002151	-0.02486	-0.00117	-0.03935	-0.00266	-0.01879
0.016925	0.018404	0.016099	-0.0414	0.034454	0.007421	0.002036	-0.04422	0.026466	-0.01423
0.025628	0.054063	0.040499	-0.00305	0.01149	0.008293	0.00955	-0.01261	0.035444	-0.00611
0.022126	0.032073	0.013904	-0.01103	-0.01799	0.008096	0.016881	-0.00438	0.006747	-0.01434
0.032147	0.024447	-0.0047	-0.03245	0.004708	0.007503	-0.00305	-0.02063	-0.03206	-0.06456
-0.00706	0.007052	-0.00708	0.003492	-0.00997	-0.00749	-0.03414	-0.04943	-0.02827	-0.06126
-0.01016	0.020465	-0.05585	-0.02295	-0.03475	-0.01369	-0.02737	-0.02597	-0.00374	-0.04487
-0.00245	0.024006	-0.08364	-0.06532	-0.04807	-0.01746	0.003142	-0.01337	0.006504	0.004884
-0.03348	-0.00698	-0.05746	-0.03686	-0.05259	-0.01809	0.014747	-0.00263	-0.02063	1.60E-04
-0.04086	-0.04106	-0.08332	-0.00559	-0.06869	-0.03193	-0.00346	0.020991	-0.05453	-0.02824
-0.03008	-0.05919	-0.14675	-0.03155	-0.09175	-0.02574	-0.01765	0.002155	-0.04838	-0.01305
0.007311	-0.02895	-0.11644	-0.05915	-0.05843	-0.00207	0.011674	0.012648	-0.05055	-0.00839
0.024299	0.005524	-0.05929	-0.03845	-0.02489	-0.00746	0.003287	0.01189	-0.06054	-0.01454
0.070475	0.045564	-0.03099	0.00128	-0.00681	-6.06E-04	-0.01676	-0.02433	-0.06082	-0.01355
0.104868	0.048617	0.014942	0.028162	-0.0392	0.015567	-0.00285	-0.02032	-0.03843	-0.02374
0.108282	0.048564	0.068261	0.089979	-0.0053	0.03965	0.021598	0.027461	-0.00567	-0.00652
0.128984	0.120779	0.118808	0.130787	0.066829	0.070549	0.039211	0.041703	0.025621	0.043968
0.173413	0.214058	0.159337	0.131404	0.10775	0.099143	0.070935	0.048259	0.032963	0.022335
0.207486	0.250054	0.187383	0.207703	0.176499	0.132243	0.157812	0.093959	0.043659	0.06081
0.239322	0.231096	0.195937	0.268918	0.221446	0.17911	0.192381	0.157797	0.109569	0.148954
0.3027	0.249058	0.238057	0.24484	0.176054	0.239492	0.245963	0.247447	0.208113	0.19462
0.28454	0.317593	0.272627	0.204612	0.132896	0.283085	0.313255	0.269612	0.240563	0.165834
0.293683	0.301933	0.249891	0.258925	0.229561	0.286509	0.297473	0.193357	0.195892	0.152562
0.312371	0.234355	0.253531	0.334778	0.314607	0.268932	0.306518	0.218844	0.237278	0.220569
0.308916	0.186739	0.27296	0.319278	0.265503	0.228772	0.330109	0.327859	0.341239	0.285322
0.331587	0.275521	0.306075	0.243182	0.203468	0.238847	0.359595	0.334798	0.361332	0.272107
0.314523	0.340632	0.27824	0.181858	0.214695	0.258289	0.358137	0.207615	0.284497	0.215715
0.293557	0.312892	0.246766	0.216439	0.241607	0.234889	0.33086	0.209765	0.266863	0.280431
0.299834	0.261517	0.250524	0.290926	0.282976	0.256274	0.310965	0.329703	0.291201	0.344677
0.298937	0.245772	0.293141	0.280077	0.248793	0.296114	0.310052	0.370812	0.314579	0.341512
0.254089	0.316131	0.325904	0.19254	0.169821	0.300223	0.339345	0.336116	0.353283	0.312029
0.238067	0.306614	0.302846	0.260228	0.244953	0.283861	0.326781	0.265784	0.319436	0.268079
0.245169	0.266934	0.254605	0.342489	0.296983	0.22439	0.263418	0.2686	0.28257	0.290332
0.292609	0.230497	0.236939	0.292042	0.238713	0.190258	0.250141	0.299305	0.290175	0.349126
0.333942	0.232681	0.244061	0.177888	0.144691	0.264364	0.303974	0.326056	0.308219	0.290962
0.31214	0.273381	0.264369	0.140316	0.155186	0.323272	0.309077	0.222331	0.278227	0.187156
0.318828	0.287376	0.273719	0.240141	0.233323	0.295189	0.241102	0.126192	0.210718	0.192805
0.332244	0.276247	0.297902	0.307079	0.20794	0.188335	0.216794	0.202759	0.238214	0.230223
0.315155	0.262806	0.33687	0.318124	0.258754	0.22134	0.312862	0.345314	0.330065	0.308599
0.300702	0.279742	0.314639	0.263923	0.329092	0.368238	0.331065	0.349055	0.352243	0.253516
0.275828	0.262308	0.29502	0.251098	0.332374	0.352169	0.339171	0.261434	0.33534	0.23245
0.269108	0.271611	0.338279	0.331374	0.303828	0.240756	0.304359	0.247759	0.331839	0.2892
0.300155	0.206414	0.35138	0.349028	0.305423	0.221286	0.297726	0.33307	0.357035	0.323501

0.321383	0.252397	0.348013	0.261833	0.253317	0.316589	0.35861	0.39154	0.406973	0.348693
0.327224	0.341898	0.278732	0.144432	0.235329	0.343282	0.326544	0.299432	0.324079	0.24294
0.302991	0.254091	0.221362	0.187768	0.272112	0.300223	0.266971	0.215174	0.272582	0.230882
0.292073	0.188244	0.269907	0.293833	0.301842	0.230664	0.300966	0.286817	0.306409	0.251178
0.31459	0.244307	0.352143	0.317988	0.260401	0.258377	0.359923	0.297553	0.314316	0.232092
0.36002	0.374724	0.351743	0.232336	0.228527	0.346319	0.329632	0.239061	0.297852	0.156872
0.356312	0.33902	0.300319	0.201672	0.295549	0.37424	0.302852	0.227088	0.25074	0.146053
0.312734	0.279467	0.329517	0.297018	0.287904	0.321846	0.306324	0.269791	0.253129	0.205441
0.293715	0.249855	0.323716	0.315622	0.289891	0.250281	0.307876	0.295112	0.278862	0.244808
0.302377	0.304703	0.274419	0.129161	0.226941	0.261759	0.314569	0.32711	0.311599	0.268049
0.354306	0.336058	0.311379	0.176222	0.201027	0.301709	0.31559	0.21436	0.295613	0.21081
0.35202	0.313584	0.400336	0.348919	0.248501	0.287792	0.321333	0.163432	0.278438	0.309717
0.277563	0.286662	0.366052	0.303918	0.25741	0.231324	0.328952	0.282436	0.341729	0.356251
0.227017	0.29068	0.314172	0.277508	0.304691	0.233836	0.357701	0.38465	0.411508	0.371432
0.285937	0.313056	0.233629	0.197493	0.343532	0.410517	0.368368	0.363832	0.406079	0.267541
0.314192	0.288838	0.262559	0.269857	0.330571	0.371913	0.314569	0.26994	0.385715	0.296166
0.250092	0.191618	0.321064	0.291085	0.249934	0.274064	0.318236	0.329224	0.397405	0.312029
0.179087	0.181913	0.287897	0.240339	0.190655	0.243974	0.366881	0.42453	0.394591	0.28352
0.252935	0.271162	0.234128	0.194473	0.215181	0.288043	0.354515	0.422152	0.38033	0.266318
0.327019	0.310036	0.213884	0.232114	0.290084	0.350934	0.331236	0.320995	0.314645	0.25138
0.2805	0.266668	0.322898	0.334109	0.292953	0.308263	0.289233	0.218102	0.320334	0.358714
0.266335	0.274555	0.362756	0.33432	0.275455	0.21602	0.290663	0.226791	0.319768	0.315052
0.297817	0.313023	0.31853	0.251447	0.27165	0.307574	0.377513	0.352901	0.326335	0.293874
0.287837	0.266135	0.15859	0.174855	0.258276	0.35137	0.300393	0.301448	0.350205	0.255866
0.273043	0.235373	0.169568	0.207309	0.209672	0.299063	0.225871	0.237674	0.3463	0.297508
0.195307	0.227646	0.22515	0.222706	0.237573	0.265345	0.30391	0.292686	0.358923	0.253024
0.183534	0.233229	0.190132	0.185239	0.241319	0.246503	0.35985	0.357729	0.340541	0.244099
0.27516	0.24727	0.117746	0.205945	0.300952	0.339841	0.344813	0.334383	0.304543	0.284949
0.26426	0.235208	0.17919	0.243125	0.279795	0.374546	0.309044	0.26762	0.255876	0.254674
0.199719	0.302158	0.307059	0.261923	0.215587	0.335376	0.299693	0.308529	0.34517	0.180478
0.212471	0.296286	0.264905	0.280109	0.171603	0.281074	0.363554	0.356745	0.374822	0.255081
0.285999	0.266431	0.246053	0.242071	0.278135	0.291474	0.341475	0.30554	0.272433	0.264415
0.313098	0.225755	0.200714	0.245556	0.301809	0.327475	0.245879	0.277097	0.168546	0.172002
0.278203	0.315203	0.288306	0.199861	0.248735	0.362207	0.27258	0.244118	0.286371	0.173756
0.25331	0.334601	0.213249	0.203022	0.225498	0.327407	0.320732	0.28598	0.299944	0.21165
0.269646	0.294862	0.181593	0.17505	0.247364	0.295093	0.303653	0.324566	0.266099	0.206972
0.263965	0.218063	0.221874	0.220562	0.29957	0.263534	0.114669	0.234529	0.128416	0.131371
0.203251	0.24518	0.232384	0.236895	0.268611	0.263682	0.116395	0.200694	0.181774	0.084895
0.172765	0.165376	0.154807	0.171239	0.15909	0.246817	0.212611	0.242687	0.214146	0.115881
0.188746	0.131772	0.087304	0.114026	0.140754	0.201057	0.190522	0.245526	0.191911	0.102415
0.117022	0.011291	0.036433	0.074812	0.163509	0.127016	0.073911	0.15713	0.069261	0.056359
0.113392	0.065649	0.078395	0.070344	0.129286	0.066745	0.01478	0.103287	0.070421	-0.02089
0.179501	0.144389	0.085252	0.046087	0.032354	0.097178	0.101318	0.11798	0.102092	-0.02808
0.191889	0.063418	0.016031	0.04282	0.024857	0.120763	0.113777	0.139151	0.087202	-0.04837
0.148156	0.036808	0.007766	0.104139	0.128998	0.119357	0.10579	0.121717	-0.00326	0.002134
0.046594	0.024379	0.052493	0.090661	0.125003	0.041263	0.047509	0.018142	-0.08061	0.003759
0.064068	0.014394	0.038797	0.059819	0.08428	0.053041	-0.00135	0.038593	0.005374	0.014639

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

90	91	92	93	94	95	96	97	98	99
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0.198998	1.53714	0.365401	1.571399
0.055571	0.184598	1.282624	0.807844	0.598698	0.513787	0.445645	0.397996	0.419983	0.332805
0.504617	0.490716	0.313624	0.191916	0.161701	0.131167	0.115786	0.137685	0.090466	0.094185
0.164583	0.161134	0.125932	0.033478	0.033145	-0.00319	0.00384	0.032004	-0.02875	-6.34E-04
0.048449	0.01429	0.063168	-0.01566	-0.05588	-0.04716	-0.05866	-0.04739	-0.05424	-0.07072
-0.06595	-0.09012	-0.01515	-0.1098	-0.10863	-0.12495	-0.09826	-0.0998	-0.08613	-0.09986
-0.16929	-0.14585	-0.08922	-0.154	-0.11163	-0.15044	-0.14693	-0.12243	-0.13965	-0.15704
-0.18773	-0.16206	-0.09949	-0.15758	-0.18076	-0.16778	-0.14767	-0.16461	-0.14812	-0.15722
-0.15727	-0.15253	-0.14811	-0.16267	-0.21313	-0.1748	-0.18025	-0.15876	-0.14795	-0.16718
-0.16446	-0.15835	-0.14887	-0.1426	-0.1787	-0.19343	-0.20697	-0.14132	-0.13257	-0.16883
-0.14458	-0.14358	-0.12636	-0.15641	-0.14812	-0.23445	-0.15489	-0.12869	-0.17221	-0.16771
-0.14334	-0.16405	-0.1384	-0.18267	-0.16598	-0.20933	-0.13346	-0.09378	-0.1538	-0.1504
-0.16726	-0.15984	-0.14818	-0.18548	-0.15681	-0.16047	-0.16075	-0.09431	-0.13753	-0.17204
-0.17474	-0.14313	-0.12524	-0.17612	-0.15697	-0.16719	-0.1676	-0.10957	-0.15698	-0.18233
-0.17852	-0.17146	-0.1586	-0.15584	-0.16789	-0.14882	-0.13619	-0.11909	-0.17611	-0.15287
-0.15733	-0.15454	-0.16323	-0.12665	-0.18419	-0.15731	-0.14806	-0.12951	-0.16589	-0.13711
-0.13041	-0.16262	-0.1653	-0.14972	-0.1824	-0.17579	-0.18867	-0.16016	-0.16753	-0.15874
-0.16896	-0.14577	-0.15146	-0.12952	-0.12045	-0.16255	-0.16515	-0.15121	-0.1672	-0.15543
-0.14673	-0.11504	-0.13367	-0.13733	-0.12996	-0.15246	-0.12386	-0.12469	-0.10563	-0.124
-0.14087	-0.13289	-0.14975	-0.15898	-0.15382	-0.13842	-0.11647	-0.1346	-0.12534	-0.13661
-0.14043	-0.12943	-0.14956	-0.17194	-0.14566	-0.14146	-0.16106	-0.14274	-0.13529	-0.153
-0.16778	-0.14031	-0.15439	-0.15705	-0.12329	-0.13797	-0.15627	-0.15912	-0.14863	-0.18157
-0.17572	-0.13814	-0.14878	-0.15588	-0.12577	-0.15675	-0.14372	-0.16393	-0.14327	-0.15932

-0.16942	-0.14648	-0.17029	-0.1539	-0.16674	-0.14476	-0.12054	-0.15775	-0.15354	-0.16265
-0.16282	-0.13732	-0.16717	-0.15325	-0.18547	-0.15203	-0.12453	-0.13791	-0.17028	-0.17647
-0.15595	-0.13776	-0.15759	-0.16221	-0.20069	-0.15782	-0.14427	-0.14596	-0.16833	-0.18068
-0.16949	-0.13577	-0.155	-0.14243	-0.18038	-0.16697	-0.16598	-0.15211	-0.15913	-0.19565
-0.16274	-0.12837	-0.15566	-0.12492	-0.15314	-0.16995	-0.1801	-0.14682	-0.13004	-0.19048
-0.16623	-0.14132	-0.14681	-0.12935	-0.17744	-0.18527	-0.18581	-0.1343	-0.15354	-0.15107
-0.14441	-0.16554	-0.14634	-0.15401	-0.21672	-0.18157	-0.18422	-0.12697	-0.17364	-0.14937
-0.14488	-0.17168	-0.14879	-0.14176	-0.18873	-0.16618	-0.16504	-0.15187	-0.16826	-0.15329
-0.15081	-0.11184	-0.13963	-0.13181	-0.15647	-0.16077	-0.16827	-0.15049	-0.16471	-0.1395
-0.14358	-0.11545	-0.1341	-0.14111	-0.17576	-0.1321	-0.15404	-0.13011	-0.14249	-0.14101
-0.1317	-0.14208	-0.1215	-0.14086	-0.18905	-0.16219	-0.14984	-0.16317	-0.17173	-0.12141
-0.13778	-0.13395	-0.13016	-0.12624	-0.15817	-0.15851	-0.15149	-0.17063	-0.16748	-0.11465
-0.12494	-0.10412	-0.12012	-0.1033	-0.12743	-0.1445	-0.14256	-0.12846	-0.12978	-0.12919
-0.11655	-0.08056	-0.09634	-0.11223	-0.14557	-0.11174	-0.1322	-0.09923	-0.11022	-0.15818
-0.09628	-0.09904	-0.08908	-0.1116	-0.1536	-0.10805	-0.13524	-0.07413	-0.10594	-0.1254
-0.10212	-0.13759	-0.10409	-0.10829	-0.13194	-0.0926	-0.13115	-0.09251	-0.13664	-0.12183
-0.1132	-0.13196	-0.0981	-0.09651	-0.11438	-0.09742	-0.12612	-0.1136	-0.13896	-0.11138
-0.07071	-0.09739	-0.08399	-0.10558	-0.12314	-0.0984	-0.11748	-0.09399	-0.11691	-0.11126
-0.05772	-0.11938	-0.07993	-0.13274	-0.11249	-0.07749	-0.09364	-0.05812	-0.10271	-0.12041
-0.0685	-0.10764	-0.087	-0.12863	-0.11259	-0.08187	-0.08075	-0.0706	-0.1159	-0.09587
-0.05555	-0.08533	-0.09487	-0.10168	-0.0934	-0.0805	-0.09226	-0.08996	-0.12013	-0.08306
-0.03486	-0.06175	-0.0795	-0.0804	-0.06648	-0.08587	-0.11494	-0.08619	-0.10729	-0.08714
-0.05492	-0.07317	-0.06395	-0.10302	-0.08354	-0.08565	-0.10565	-0.05559	-0.09409	-0.11072
-0.07652	-0.10392	-0.06742	-0.11262	-0.09353	-0.11246	-0.09272	-0.06331	-0.09047	-0.1352
-0.06699	-0.09057	-0.08128	-0.12289	-0.09881	-0.11672	-0.105	-0.0908	-0.09446	-0.12046
-0.0547	-0.09202	-0.07059	-0.10129	-0.10719	-0.13765	-0.10675	-0.10159	-0.11413	-0.09017
-0.04295	-0.074	-0.03595	-0.07078	-0.09307	-0.14111	-0.10347	-0.1007	-0.1237	-0.10654
-0.0685	-0.09068	-0.05912	-0.09367	-0.08338	-0.11478	-0.11535	-0.0921	-0.10585	-0.10343
-0.09809	-0.12627	-0.09573	-0.12	-0.09575	-0.11625	-0.10704	-0.107	-0.0989	-0.09782
-0.06788	-0.09806	-0.0696	-0.10981	-0.09866	-0.12668	-0.10511	-0.09967	-0.08358	-0.0903
-0.04176	-0.06668	-0.0453	-0.08271	-0.09017	-0.12588	-0.09088	-0.07544	-0.07554	-0.09901
-0.06297	-0.06013	-0.04515	-0.07939	-0.06856	-0.11608	-0.06903	-0.05556	-0.08036	-0.11087
-0.08771	-0.07756	-0.0749	-0.08146	-0.0592	-0.13181	-0.05834	-0.07705	-0.09997	-0.11688
-0.08892	-0.09209	-0.06914	-0.08853	-0.05453	-0.12169	-0.05353	-0.08235	-0.1122	-0.10624
-0.07483	-0.08292	-0.03508	-0.07759	-0.06722	-0.10795	-0.07312	-0.09619	-0.0911	-0.06259
-0.05417	-0.07576	-0.07655	-0.08797	-0.07313	-0.10355	-0.06545	-0.08462	-0.07847	-0.05845
-0.06624	-0.04286	-0.10932	-0.11284	-0.08338	-0.09041	-0.05066	-0.05262	-0.08945	-0.06852
-0.06284	-0.04742	-0.09432	-0.10534	-0.09327	-0.07573	-0.05552	-0.06356	-0.0819	-0.07999
-0.05569	-0.04161	-0.07281	-0.07728	-0.09059	-0.08524	-0.07174	-0.07767	-0.05919	-0.0546
-0.0658	-0.02332	-0.04214	-0.0494	-0.05538	-0.06673	-0.05817	-0.06809	-0.06597	-0.08251
-0.054	-0.03273	-0.07801	-0.04644	-0.01818	-0.04592	-0.03015	-0.04997	-0.06663	-0.08621
-0.05291	-0.04967	-0.10173	-0.08599	-0.04195	-0.0643	-0.05312	-0.06949	-0.05614	-0.0677
-0.06391	-0.05308	-0.08583	-0.10192	-0.07205	-0.08413	-0.08329	-0.07993	-0.06332	-0.06322
-0.06399	-0.03696	-0.05168	-0.07217	-0.05944	-0.10085	-0.092	-0.07053	-0.05534	-0.04719
-0.069	-0.02517	-0.03919	-0.0621	-0.05927	-0.1024	-0.05679	-0.06211	-0.08517	-0.05684
-0.06472	-0.04313	-0.06726	-0.0665	-0.04508	-0.07042	-0.01184	-0.06126	-0.10496	-0.02903
-0.07506	-0.06384	-0.06562	-0.03912	-0.05012	-0.04416	-0.04818	-0.05973	-0.10356	-0.01486

-0.06749	-0.02791	-0.04923	-0.01875	-0.08946	-0.05186	-0.06052	-0.02766	-0.08258	-0.01598
-0.04989	0.006523	-0.02143	-0.01619	-0.09614	-0.04531	-0.02791	-0.01257	-0.06681	-0.02243
-0.08517	-0.00112	-0.0144	4.90E-04	-0.06169	-0.00888	0.010423	-0.00812	-0.05951	-0.01302
-0.06682	-0.02549	-0.05333	-0.00751	-0.0158	0.002738	-0.02025	-0.01331	-0.0338	0.014443
-0.05386	-0.02955	-0.07813	-0.02448	-1.85E-04	-0.02308	-0.05787	-0.03408	-0.04568	0.003245
-0.08792	-0.02127	-0.06883	-0.04765	-0.03177	-0.03804	-0.04909	-0.02525	-0.04408	-0.00974
-0.06232	-0.02086	-0.06344	-0.04565	-0.0282	-0.01103	-0.01912	-0.01187	-0.05352	-0.01447
-0.01161	-0.03016	-0.02761	4.42E-04	-0.00578	0.044895	0.007775	-0.01974	-0.04708	-0.00408
-0.03319	-0.05613	-0.01379	-0.01335	-0.04353	-0.02702	-0.0113	-0.0049	-0.01031	-1.19E-04
-0.051	-0.05643	-0.02092	-0.04934	-0.10708	-0.07757	-0.03576	-0.01403	7.71E-04	-0.0261
-0.01203	-0.02177	-0.01779	-0.05483	-0.10248	-0.02083	-0.01991	-0.02307	-0.01772	-0.01633
0.003302	-0.02312	-0.00171	-0.02349	-0.04492	0.027273	-0.00198	-0.03645	-0.06287	-0.00766
-0.00976	-0.04608	0.025117	0.001074	-0.02052	0.005147	-0.02253	-0.04761	-0.07719	-0.00601
-0.02225	-0.05139	0.010771	-0.01609	-0.02636	-0.03645	-0.0422	-0.02259	-0.03976	-0.01235
-0.03116	-0.03835	0.00236	-0.02424	-0.04695	-0.05698	-0.06002	-0.01503	0.002915	-0.00464
-0.03876	-0.02401	0.015527	-0.01675	-0.02248	-0.04336	-0.0586	-0.04375	-0.02429	-0.00129
-0.03294	-0.05395	-0.01439	-0.00854	0.028812	0.004915	-0.0122	-0.01578	-0.00422	0.012499
-0.02111	-0.06114	-0.04834	-0.0538	0.016169	-0.00606	0.006691	0.028282	0.044779	0.033845
-0.01918	-0.02529	-0.0395	-0.07802	-0.02445	-0.05659	-0.035	0.022127	0.038705	-0.00323
-0.01687	-0.02578	-0.0325	-0.04873	-0.02297	-0.05999	-0.05117	0.001958	0.01439	-0.03815
-0.03534	-0.05202	-0.00957	-0.03008	-0.01496	-0.03484	-0.02244	-0.00437	0.023915	-0.0177
-0.01985	-0.05636	0.010803	-0.03927	-0.03703	-0.05433	0.008829	-0.00268	0.015767	-0.00163
-0.01459	-0.02904	0.005363	-0.05282	-0.02023	-0.06049	0.033893	0.005077	-0.01953	-0.068
-0.00868	-0.00884	-0.00163	-0.06323	-0.02069	-0.05043	0.013153	0.021496	-0.00939	-0.05723
-0.00527	-0.02154	-0.02381	-0.07266	-0.03111	-0.04913	-0.02031	0.016762	0.026962	0.002466
-0.02454	-0.06218	-0.02367	-0.05494	0.008154	-0.00723	-0.02521	-2.88E-04	0.017849	-0.00669
-0.03249	-0.08466	0.006049	-0.02361	0.028537	-0.00989	0.003327	9.60E-04	-0.00265	-0.04082
-0.03964	-0.08724	-0.01501	-0.06272	-0.02861	-0.03885	0.007775	0.023824	-0.00182	-0.06658
-0.03667	-0.08283	-0.04508	-0.12445	-0.06448	-0.0566	-0.01051	0.014765	-0.00992	-0.05885
-0.02593	-0.07796	-0.03292	-0.10958	-0.05443	-0.06445	-0.03066	0.002783	-0.02219	-0.05133
-0.05215	-0.05377	-0.02111	-0.04966	-0.02082	-0.03032	-0.04574	-0.01532	-0.01992	-0.03484
-0.07371	-0.03013	-0.04186	-0.02955	-0.00568	-0.04204	-0.05318	-0.03215	0.005202	-0.01193
-0.072	-0.0167	-0.05609	-0.03621	-0.024	-0.07107	-0.0473	-0.01455	-0.00514	-0.03399
-0.05587	-0.02702	-0.05672	-0.05334	-0.02808	-0.06994	-0.0212	0.016418	-0.046	-0.06874
-0.05659	-0.02535	-0.02319	-0.03762	0.002501	-0.0407	-0.00408	0.007495	-0.04546	-0.05805
-0.07528	-0.03007	0.005411	-0.00499	0.012417	-0.02204	-0.01436	-0.00417	-0.01444	-0.03744
-0.0786	-0.04216	-0.04042	-0.03181	-0.0421	-0.02947	-0.0137	-0.00354	-0.04802	-0.02593
-0.0597	-0.04426	-0.08929	-0.06438	-0.05924	-0.02192	0.006626	0.016221	-0.07514	-0.01023
-0.06099	-0.04964	-0.07334	-0.04647	-0.05623	-0.04121	0.003343	0.019131	-0.08561	-0.02514
-0.08616	-0.0482	-0.05013	-0.02882	-0.05487	-0.05284	-0.01974	-0.00602	-0.08598	-0.03508
-0.08172	-0.03306	-0.04123	-0.02912	-0.0617	-0.05052	-0.0292	-0.02595	-0.0417	-0.01244
-0.06645	-0.00884	-0.02955	-0.01417	-0.06835	-0.05884	-0.01594	-0.01128	-0.05342	-0.03916
-0.04003	-3.58E-04	-0.03796	-0.01888	-0.0584	-0.06929	-2.49E-04	-5.87E-04	-0.07081	-0.05565
-0.05329	7.92E-04	-0.06259	-0.0307	-0.05827	-0.06174	-0.02131	-0.02915	-0.05756	-0.03655
-0.05956	-0.00669	-0.05087	-0.01072	-0.01584	-0.02529	-0.0356	-0.02198	-0.04021	-0.01832
-0.03869	-0.00936	-0.04375	-0.00497	0.002518	-0.003	-0.0029	0.003101	-0.03899	-0.00333
-0.05111	-0.00611	-0.06477	-0.03009	-0.03608	-0.03014	0.021648	-0.01085	-0.06931	-0.01775

-0.06518	-0.00633	-0.05797	-0.03021	-0.05098	-0.03165	0.019529	-0.03243	-0.07103	-0.04035
-0.06147	-0.01604	-0.03811	-0.00341	-0.02731	-0.0024	-3.92E-04	-0.01539	-0.06994	-0.04096
-0.06718	-0.03539	-0.02833	0.004005	-0.02541	0.013566	0.01496	0.02593	-0.06874	-0.03539
-0.05228	-0.03434	-0.01665	-0.01367	-0.03199	0.011882	0.032159	0.054781	-0.0489	-0.02491
-0.02948	-0.02131	-0.02731	-0.03207	-0.05127	-0.01474	0.037694	0.032293	-0.03101	0.015227
-0.03095	0.009483	-0.02072	-0.01368	-0.05981	-5.07E-04	0.039241	0.017698	0.006484	0.018326
-0.01737	0.025809	7.95E-04	0.043722	-0.0061	0.006555	0.009902	0.036358	0.002799	-0.01787
0.002161	0.001144	-0.01229	0.023299	0.012583	0.013127	-0.01371	0.006356	-0.06012	-0.02212
0.005819	-0.00441	-0.0053	-0.02096	-0.03419	0.006223	0.006497	-0.03048	-0.07937	-0.02253
1.28E-04	-0.01224	-0.00578	-0.00452	-0.05669	-0.02022	0.018067	-0.02177	-0.04247	-0.00865
-0.02348	-0.03132	-0.00124	0.038561	-0.01365	-0.00478	-8.69E-04	-0.00798	-0.0307	-0.00977
-0.04274	-0.01767	0.025568	0.023606	0.002323	0.016443	0.008764	0.01862	-0.01773	-0.02577
-0.04073	-0.01525	0.022986	-0.04487	-0.01962	0.01573	-4.08E-04	0.006548	-0.02508	0.001948
-0.02749	-0.03812	-0.02645	-0.06428	-0.02006	0.010456	-0.00399	-0.03143	-0.03965	0.032124
-0.02145	-0.03598	-0.04417	-0.03295	-0.03833	-0.00357	0.004788	-0.00524	-0.00306	0.031569
-0.00617	-0.00444	0.008163	0.016654	-0.03222	-0.02797	0.023206	0.043871	0.007635	0.002417
-0.00476	0.001368	0.036839	0.014925	-0.00849	-0.01498	0.040863	0.027491	-0.02485	-0.02065
0.021791	-0.01814	0.015087	-0.00372	0.002988	0.009637	0.032468	-0.03127	-0.01756	-0.05553
0.039631	-0.03015	-0.00678	-0.00716	-0.0433	0.019475	0.032382	-0.05091	-0.00835	-0.03744
0.027078	-0.01048	0.010222	-0.02237	-0.09345	0.012353	0.025967	-0.03914	-0.02711	-0.02054
0.01783	0.011003	0.025284	0.015026	-0.04051	0.00108	0.047078	-0.00984	-0.03661	-0.04596
0.025839	0.004631	0.01777	0.016368	0.011587	-0.00126	0.07125	-0.00351	-0.03478	-0.03587
0.018696	-0.03077	-0.01865	-0.0147	0.016521	0.003463	0.039049	-0.03738	-0.0172	-0.02783
0.00237	-0.05203	-0.02602	-0.03307	0.004877	0.027343	0.00219	-0.06252	-0.01547	-0.01832
0.00637	-0.02443	0.017032	-0.01675	0.004046	0.005859	9.93E-04	-0.03196	-0.00799	-0.04467
0.007457	-0.02856	0.041008	0.03423	0.01428	-0.01074	0.035133	-0.00806	-0.00474	-0.03956
-0.00976	-0.04927	0.028922	0.005364	-0.00863	0.003611	0.034788	-0.02165	0.011092	0.010794
-0.02386	-0.02602	0.0243	-0.03177	-0.03724	0.015306	0.005868	-0.0326	0.060159	0.034682
-0.00555	-0.02858	0.015789	-0.04064	-0.01661	0.036581	-0.00746	-0.02452	0.035681	-0.00112
0.039071	-8.68E-05	0.016083	-0.00325	0.006857	0.003941	0.011304	-0.00227	0.003212	-0.02215
0.045762	0.049233	0.04527	0.047101	0.008515	-0.03374	0.057595	0.018982	0.017336	0.006455
0.021187	0.006377	0.031692	-0.00168	-0.00576	-0.04219	0.043353	0.00318	0.029679	0.045801
0.01888	-0.02964	-0.00501	-0.03699	-0.01895	-0.02036	0.012776	-0.0125	0.014441	0.018965
0.04681	-0.00259	0.019875	0.002228	-0.00458	0.029927	0.035945	0.017567	0.014593	-0.01896
0.057906	-7.02E-06	0.034411	0.028644	0.011637	0.015306	0.069118	0.066082	0.033618	-0.0012
0.039159	-0.04055	0.02699	-0.00763	-0.00289	-0.02489	0.03062	0.04513	0.014899	-0.00664
0.013394	-0.05214	0.028367	-0.02865	0.00294	-0.02114	-0.00375	-0.01494	0.008807	0.004285
-0.01261	-0.05162	0.010819	-0.03687	0.023193	0.023409	0.01825	-0.04446	0.013966	0.026178
-0.00301	-0.05679	0.011498	-0.00226	0.033982	0.012521	0.039607	-0.03219	0.024227	-0.00378
0.033068	-0.023	0.043699	0.024188	0.001205	-0.01468	0.060968	0.010492	0.025462	-0.01061
0.057906	0.004164	0.040074	-0.01381	-0.0042	0.006257	0.05754	0.009926	0.017815	6.55E-04
0.044451	-0.01866	0.013687	7.01E-04	0.024403	0.048371	0.025765	9.28E-04	0.026054	0.021429
0.005189	-0.03556	0.01294	-0.0076	0.0156	0.028581	0.004531	0.01242	0.034897	0.004334
0.013608	-0.00901	0.05216	-0.01006	0.017141	0.02179	0.039171	0.035433	0.036573	-0.01218
0.043338	0.013664	0.087809	0.037166	0.036783	0.029	0.073788	0.020419	0.031388	0.003082
0.015325	-0.01719	0.045602	0.031977	0.036783	0.008151	0.044285	-0.0088	0.03561	-0.00181
0.001648	-0.0521	-0.02561	-0.00486	0.025394	0.009419	0.019496	-0.01487	0.04298	0.004757

0.015143	-0.03455	0.00374	-0.02126	0.027418	0.025675	0.024416	-0.00863	-0.01446	-0.03115
0.029755	0.015976	0.064061	-0.00209	0.022649	-0.00366	0.028084	0.0065	-0.04015	-0.05114
0.042034	0.05115	0.074275	0.009961	0.027109	-0.00264	0.02805	0.013363	0.009746	-0.0081
0.033827	0.056899	0.044432	5.72E-04	0.051392	0.054518	0.007079	0.004327	0.02581	0.028271
0.031039	0.020655	-0.01228	-0.03804	0.05345	0.083746	-0.00786	0.010556	0.029732	0.022124
0.031228	0.01243	-0.00525	-0.02723	0.026988	0.062562	-0.00383	0.011836	0.003444	0.008422
0.040506	0.045902	0.067654	0.026539	0.001092	0.010791	0.01399	0.014325	-0.00108	0.00806
0.048217	0.0555	0.055941	0.003091	0.010528	-0.0158	0.025191	0.011333	0.021182	0.009491
0.012194	0.029432	0.046864	0.011853	0.035275	0.015273	2.76E-04	-0.03183	0.019581	0.029753
0.016982	0.014851	0.049186	0.004447	0.042974	0.02265	-0.02264	-0.0413	-0.00576	-0.0139
0.069762	0.029057	0.047039	0.00666	0.03231	0.02064	-0.01654	-0.02049	-0.00917	-0.03015
0.047433	0.046257	0.059702	0.017294	0.007102	0.020348	0.007629	-0.01378	0.001396	-0.01348
-0.00653	0.022972	0.037319	0.002293	-2.49E-04	0.010708	0.012645	-0.01773	-0.00347	-0.04817
-0.01742	-0.02572	-0.01914	-0.03862	0.012749	0.033656	0.007596	0.014716	0.040251	-0.02296
-0.00905	-0.05091	-0.03528	-0.06133	-5.39E-04	0.003957	-0.02342	0.015043	0.03788	0.012035
-0.00178	-0.01337	0.018673	-0.0331	0.009834	0.005859	-0.00583	-0.00343	0.00409	0.005295
-0.01412	0.039421	0.003883	-0.02339	0.025138	0.029682	0.033017	0.005748	0.01495	0.020956
-0.03649	0.015298	-0.03346	-0.00963	0.0124	0.021377	0.022234	0.003689	0.022875	0.031759
-0.0294	0.003938	0.001584	-0.00859	0.010859	0.050257	0.013235	-0.00285	0.042419	0.052787
-0.01066	0.041752	0.055261	0.01652	0.024557	0.042887	0.031645	0.015812	0.022598	0.045533
0.014499	0.074732	0.080107	0.054728	0.023465	0.034488	0.060493	0.046094	0.013051	0.042252
-0.00521	0.058376	0.036428	0.054232	0.024728	0.048152	0.028576	0.026299	0.021665	0.029012
-0.02239	0.022131	-0.01076	0.034125	0.043116	0.065689	-0.01163	0.004311	0.007669	0.026332
-0.0031	0.031745	-0.01565	0.00773	0.02759	0.054926	0.004708	0.024041	0.015443	0.049469
0.012637	0.068687	0.033151	0.021084	0.02041	0.073518	0.037607	0.048241	0.030013	0.068517
-0.0262	0.055029	0.028417	0.051216	0.032605	0.104453	0.061775	0.044728	0.043724	0.078788
-0.04564	0.022568	0.003676	0.057713	0.025788	0.085673	0.020679	0.067905	0.042075	0.05863
-0.01066	0.017552	-0.0021	0.053682	0.048063	0.079092	-0.00436	0.082295	0.040973	0.043301
0.005059	0.053455	0.002676	0.043078	0.033441	0.050808	0.004917	0.054512	0.014271	0.035276
2.72E-04	0.06072	0.02751	0.040707	0.015834	0.044895	0.016858	0.02953	-0.00503	0.015411
-0.00732	0.028204	0.044851	0.078194	0.079628	0.098916	0.031868	0.045972	0.03711	0.021006
0.008824	0.028272	0.019447	0.073835	0.12473	0.08653	0.022083	0.085051	0.045909	0.035835
0.011029	0.049895	-0.00106	0.037007	0.08836	0.050239	0.013464	0.104004	0.050792	0.063695
0.052665	0.097244	0.060824	0.0446	0.04212	0.055632	0.023189	0.079102	0.04772	0.082416
0.096979	0.082673	0.092383	0.060384	0.044509	0.081058	0.041213	0.069884	0.016005	0.054555
0.059624	0.057282	0.07022	0.041579	0.059126	0.062222	0.018981	0.077288	0.001726	0.034699
0.049271	0.050684	0.036753	0.038632	0.093353	0.035161	0.011581	0.073552	0.014577	0.036834
0.074153	0.057136	0.026103	0.058564	0.088083	0.030015	0.009983	0.045551	5.24E-04	0.054884
0.065322	0.051402	0.055082	0.049907	0.058129	0.023391	-0.01991	0.020303	0.002336	0.042661
0.061239	0.004341	0.051929	0.056328	0.057392	0.061318	0.015554	0.035981	0.007869	0.026966
0.05496	-0.0051	0.020271	0.066585	0.043134	0.03005	0.06216	0.056485	0.02595	0.049867
0.066046	0.001977	0.013297	0.050343	0.015834	-0.01395	0.046741	0.060385	0.026997	0.039455
0.092846	0.032501	0.04901	0.023589	0.039319	0.025935	0.061463	0.049973	0.029468	0.048333
0.087247	0.05142	0.07954	0.037624	0.06749	0.052097	0.047131	0.050912	0.032289	0.048964
0.050991	0.043125	0.055297	0.060793	0.064166	0.027744	0.002542	0.041972	0.020458	0.016615
0.02902	0.016125	0.017983	0.058323	0.058904	0.021086	0.030603	0.049831	0.017473	0.029063
0.040419	-0.02233	0.001853	0.038455	0.034768	0.041914	0.093066	0.044728	-0.00417	0.080996

0.065192	0.002619	0.045917	0.067549	0.081473	0.059439	0.104389	0.040168	0.03337	0.105192
0.044698	0.022501	0.112257	0.113469	0.109225	0.046238	0.099	0.062658	0.0641	0.077014
0.041015	0.002892	0.124565	0.129725	0.070763	0.019578	0.080975	0.060603	0.058014	0.029115
0.050722	-1.67E-04	0.09007	0.094949	0.060645	0.053352	0.090785	0.061493	0.061103	0.045712
0.083322	0.058303	0.066863	0.07572	0.073258	0.065689	0.06841	0.053012	0.05674	0.066315
0.046756	0.072877	0.042031	0.087025	0.035608	0.014308	0.052251	0.039822	0.04289	0.071679
-0.00476	0.059565	0.052586	0.082949	0.016437	0.014511	0.050103	0.011674	0.027679	0.079929
-0.00625	0.033104	0.062476	0.067681	0.025994	0.048243	0.027727	0.008717	0.024714	0.097641
0.025484	0.026131	0.061459	0.050998	0.043241	0.07408	0.024517	0.015533	0.046183	0.111686
0.05189	0.066765	0.083702	0.093903	0.067999	0.078798	0.036273	0.041416	0.068423	0.095548
0.032568	0.084279	0.0989	0.109201	0.025531	0.069432	0.060511	0.06401	0.051254	0.068385
0.023794	0.079862	0.119206	0.080936	-0.02481	0.072648	0.078604	0.077496	0.025009	0.062093
0.007441	0.053365	0.084103	0.080117	0.009009	0.093915	0.092002	0.103323	0.074541	0.118682
0.04601	0.058449	0.057971	0.075604	0.029485	0.060603	0.040811	0.103123	0.106977	0.126999
0.073131	0.09309	0.061749	0.109535	0.064522	0.065119	0.034358	0.10539	0.101237	0.097782
0.057523	0.085579	0.061785	0.109847	0.07835	0.073054	0.030944	0.10929	0.0685	0.081579
0.046899	0.112983	0.126163	0.083479	0.060256	0.078465	0.036256	0.086956	0.060763	0.101308
0.054924	0.100049	0.114506	0.067001	0.05418	0.053925	0.052717	0.086282	0.095982	0.103716
0.092392	0.057865	0.071573	0.074738	0.039178	0.058129	0.084092	0.108824	0.095921	0.052914
0.103192	0.097204	0.074163	0.078097	0.029848	0.095338	0.088965	0.135847	0.115249	0.041082
0.080814	0.12824	0.118937	0.062865	0.046516	0.113212	0.091334	0.12056	0.102816	0.069821
0.050507	0.098184	0.133405	0.084362	0.098505	0.135478	0.080534	0.080506	0.061765	0.080957
0.05913	0.070918	0.12195	0.069349	0.096505	0.057289	0.060584	0.078364	0.039154	0.032662
0.072772	0.078885	0.131098	0.077516	0.086151	0.040099	0.082915	0.12357	0.066984	0.017536
0.073812	0.112776	0.132036	0.06083	0.092653	0.061864	0.079043	0.089102	0.069829	0.053971
0.053712	0.115996	0.066551	0.019998	0.100616	0.072667	0.051122	0.050221	0.075713	0.070199
0.052322	0.076765	0.048886	0.048728	0.090164	0.049139	0.06273	0.108499	0.138471	0.087373
0.066139	0.058504	0.094238	0.025062	0.052065	0.033992	0.088438	0.124221	0.110457	0.087018
0.087442	0.071087	0.104394	0.001123	0.066661	0.050404	0.108638	0.108155	0.080312	0.057268
0.104023	0.130003	0.073006	-0.00722	0.079996	0.024756	0.092691	0.099178	0.092189	0.062465
0.075367	0.125099	0.036274	0.030985	0.101227	0.040601	0.06161	0.071891	0.098138	0.072059
0.060339	0.099326	0.054725	0.098997	0.095057	0.040727	0.077195	0.092174	0.081182	0.080142
0.088576	0.121346	0.096573	0.113826	0.076518	0.043555	0.083725	0.120039	0.055637	0.082572
0.087052	0.097124	0.08462	0.060663	0.049399	0.005395	0.077557	0.104928	0.05476	0.080588
0.058892	0.079594	0.037731	0.016284	0.03909	0.00952	0.078852	0.069421	0.070408	0.080724
0.044911	0.083214	0.053904	0.039376	0.015968	0.035409	0.075791	0.068256	0.068174	0.068196
0.034656	0.061455	0.050334	0.032325	-0.01974	0.027656	0.072884	0.074394	0.032183	0.041418
0.033223	0.040226	0.032692	0.039979	0.035327	0.040314	0.054608	0.077288	0.007435	0.026521
0.015888	0.04514	0.013654	0.050725	0.064222	0.053907	0.022803	0.0507	-0.0076	0.016782
0.043903	0.084764	0.003612	0.044403	0.078543	0.060227	0.016115	0.031698	6.23E-04	0.03435
0.083728	0.108984	0.023268	0.031263	8.65E-04	0.028686	0.035496	0.053029	3.09E-05	0.028943
0.04786	0.086884	0.021113	0.020201	-0.02225	-0.00489	0.041563	0.042964	-0.01485	0.026829
0.032224	0.050881	-0.0091	0.014289	-0.01618	-0.02105	0.023626	0.020899	-0.00597	0.036343
0.055051	0.020003	-0.04598	0.017429	-0.04374	-0.01071	0.004853	0.043731	-0.01482	0.039826
0.055268	0.010905	-0.01301	0.038703	0.001804	0.012673	0.011336	0.056485	-0.03803	0.04048
-0.00677	0.028903	0.055028	0.049235	0.028933	0.025605	0.032193	0.05618	-0.01184	0.036571
-0.01734	0.038408	0.055494	0.066246	0.029693	0.017037	0.064978	0.050363	0.003841	0.011505

0.016933	0.039456	0.035008	0.0747	0.002274	0.024982	0.068317	0.036667	-0.02025	0.027292
0.070644	0.050612	0.034087	0.069425	0.014197	0.046875	0.061775	0.048876	0.013559	0.067895
0.073717	0.050074	0.04653	0.050907	0.008236	0.046093	0.047007	0.065347	0.055021	0.087195
0.046419	0.015546	0.026688	-8.69E-04	3.80E-04	0.033745	0.028355	0.007414	0.006267	0.024112
0.035071	0.020689	0.016721	-0.00198	-0.00118	0.034647	0.032965	-0.00351	-0.02508	0.009853
0.030714	0.032949	0.025835	-0.00386	-0.02556	0.005345	0.017537	0.024943	0.005817	0.019369
0.007035	-0.02868	0.00581	0.013821	-0.00506	0.007918	0.025866	0.012957	-5.93E-04	0.034821
-0.01279	-0.03495	0.007794	0.01327	-0.00825	-0.01306	0.003375	0.001942	-0.01272	0.016062
0.039841	-0.02045	0.008404	-0.01351	-0.01685	-0.01941	0.011287	-0.03061	-0.02828	-0.04306
0.055758	-0.00945	-0.00538	0.003777	-0.00301	0.012841	0.004579	-0.03407	-0.04124	-0.02849
0.023204	-1.19E-04	0.002518	0.01812	-0.0083	-0.03338	-0.02493	0.005396	-0.01576	-0.04381
0.026756	-0.01224	0.011207	0.005216	-0.00461	-0.01836	0.009381	0.028265	2.61E-04	-0.00617
0.054525	0.033914	0.022604	-0.02263	0.007907	0.016171	0.005287	0.008878	-0.00187	-0.00786
0.038408	0.056663	0.0145	-0.00473	0.016085	0.010507	-0.00608	-0.0247	-0.01931	-0.03211
0.020534	0.028511	3.84E-04	-0.01573	-0.01515	-0.009	0.017835	0.002434	0.00346	-0.00829
0.03521	0.011019	0.031912	0.006562	-0.01007	-0.00418	0.03168	0.00788	0.013525	5.42E-04
0.024858	0.002282	0.053262	0.009712	-0.00463	0.031296	0.059707	-0.02739	0.005202	0.011472
0.004543	-0.03114	0.043369	-0.0131	0.018739	0.063356	0.055276	-0.02109	0.013051	0.001511
0.065786	-0.03857	0.021395	0.001545	0.050884	0.056506	0.026187	-0.00236	0.026159	-0.01294
0.064932	-0.03586	0.009095	-0.03379	0.028416	0.005726	0.03062	0.00388	0.003113	-0.06403
0.01918	-0.05322	0.012826	-0.01304	0.028726	0.021377	0.055041	-0.00761	0.005036	-0.03422
0.016136	-0.02221	-0.00211	-0.03113	0.020005	0.04881	0.068205	0.013607	0.038095	-0.02252
0.019564	-0.01046	-0.03709	-0.05808	0.012134	0.046056	0.026982	-0.00147	0.010284	-0.07206
0.004785	-0.04732	-0.01929	0.001838	0.022887	0.023098	-0.01904	-0.06503	-0.01547	-0.04568
-0.01754	-0.05933	0.009336	-0.01897	0.013514	-0.00475	-0.02058	-0.0671	0.012205	-0.02293
-0.04241	-0.05865	0.001284	-0.05064	-0.01506	-0.01401	-0.01481	-0.06904	0.039747	-0.00933
-0.03867	-0.0486	-0.03038	-0.05134	-0.00298	0.003215	-0.01153	-0.0403	0.03677	0.002969
-0.02741	-0.05282	-0.03834	-0.02752	0.008795	0.012269	-0.02862	-0.0273	-0.02558	-0.01687
-0.03702	-0.06178	-0.00654	-0.03752	-0.04073	-0.03725	-0.04314	-0.04314	-0.07082	-0.04824
-0.05821	-0.07174	-0.01961	-0.05863	-0.06271	-0.04736	-0.03411	-0.04597	-0.05186	-0.05216
-0.07298	-0.10228	-0.06378	-0.06855	-0.02231	-0.0123	-0.01169	-0.05336	-2.48E-04	-0.02487
-0.07988	-0.11127	-0.07929	-0.06377	-0.03246	-0.02075	-0.02868	-0.04836	-0.01039	-0.03193
-0.0688	-0.076	-0.04382	-0.04368	-0.04603	-0.0192	-0.05161	-0.02908	-0.02455	-0.04713
-0.06163	-0.0687	-0.03978	-0.07356	-0.07054	-0.04382	-0.05728	-0.01798	-0.04813	-0.08243
-0.06814	-0.08786	-0.04218	-0.06347	-0.07285	-0.04553	-0.05213	-0.04185	-0.0519	-0.07623
-0.05882	-0.08789	-0.077	-0.05675	-0.05279	-0.04161	-0.03308	-0.0453	-0.03284	-0.02668
-0.05468	-0.09116	-0.09703	-0.05096	-0.04816	-0.05942	-0.07268	-0.04852	-0.05983	-0.01147
-0.05527	-0.10252	-0.06391	-0.06402	-0.05031	-0.05429	-0.10612	-0.07976	-0.08482	-0.05573
-0.06887	-0.11715	-0.06432	-0.09525	-0.0572	-0.0519	-0.09911	-0.07887	-0.08428	-0.08697
-0.07071	-0.12261	-0.07669	-0.09426	-0.0512	-0.03848	-0.06956	-0.05494	-0.03348	-0.03437
-0.04808	-0.10535	-0.0744	-0.08404	-0.05236	-0.05499	-0.07338	-0.0508	-0.02506	0.001398
-0.04602	-0.09443	-0.05702	-0.09062	-0.06272	-0.06197	-0.09412	-0.05643	-0.07697	-0.05051
-0.06212	-0.08686	-0.06409	-0.11254	-0.06853	-0.06126	-0.0712	-0.06056	-0.08811	-0.09809
-0.07059	-0.09727	-0.08223	-0.07933	-0.05619	-0.06136	-0.06176	-0.0645	-0.07896	-0.10017
-0.03294	-0.07719	-0.08086	-0.06272	-0.04417	-0.05646	-0.05672	-0.05613	-0.08484	-0.08142
-0.01854	-0.05004	-0.07574	-0.06604	-0.04026	-0.04747	-0.06797	-0.05807	-0.10194	-0.07105
-0.03384	-0.06247	-0.06079	-0.06131	-0.04595	-0.04617	-0.09099	-0.06958	-0.10015	-0.09541

-0.05257	-0.0702	-0.0339	-0.05073	-0.05064	-0.05601	-0.06718	-0.05473	-0.09226	-0.10811
-0.04556	-0.03741	-0.01397	-0.036	-0.04427	-0.04079	-0.03849	-0.04336	-0.07872	-0.07165
-0.04147	0.009385	-0.01107	-0.02794	-0.00963	-0.01826	-0.04012	-0.05011	-0.08025	-0.04346
-0.01665	-0.00683	2.27E-04	-0.01891	0.020512	-0.01247	-0.06317	-0.07161	-0.09198	-0.07162
4.47E-04	-0.0305	0.004917	-0.02868	-0.01951	-0.02786	-0.08377	-0.07542	-0.11387	-0.11912
-0.01668	-0.0221	0.025317	-0.03445	-0.0476	-0.00704	-0.04852	-0.04507	-0.09057	-0.09563
0.002852	-0.00104	0.036393	0.002391	0.00268	0.035799	-0.01239	-0.00435	-0.02929	-0.01435
0.023069	0.006264	-0.00902	0.022071	0.011521	0.025449	-0.0401	-0.03433	-0.04059	9.13E-04
0.023473	0.020287	-1.98E-04	0.001854	-0.04181	0.01702	-0.06414	-0.04519	-0.05414	-0.03458
0.005512	0.048304	0.078085	0.020184	-0.02169	0.028249	-0.04594	-0.00309	-0.06183	-0.05705
-0.00636	0.041998	0.08292	0.034248	0.010991	0.031559	-0.01451	0.009345	-0.04073	-0.04826
0.039298	0.047858	0.034582	0.031176	0.025617	0.037311	-0.01985	-0.00484	-0.05289	-0.04683
0.072319	0.056408	0.030153	0.035055	0.020258	0.042833	-0.03012	-0.01977	-0.06519	-0.0501
0.011537	0.025724	0.001331	0.01905	2.83E-04	0.012252	-0.03373	-0.01712	-0.0512	-0.02478
-0.02571	0.033586	0.01754	0.020354	-0.0078	0.012908	8.46E-05	0.012891	-0.02404	-0.00598
0.012013	0.055718	0.027107	0.022889	0.00255	0.042094	0.025596	0.041312	0.009562	-0.00707
0.040857	0.023292	-0.01041	0.027245	-2.81E-04	0.017803	-0.03394	0.019626	-0.01593	0.004562
0.007977	-0.00331	0.019035	0.042043	0.004959	-0.00295	-0.07378	-0.0099	-0.03237	0.023007
-0.01997	0.014818	0.042065	0.037183	-0.00789	-0.00264	-0.05112	0.005652	-0.0341	-0.00274
0.008123	0.052824	0.058817	0.038667	0.021121	0.043718	0.006126	0.049283	-0.00471	0.025255
0.033188	0.055863	0.039487	0.058157	0.068566	0.069011	0.001519	0.056215	0.017661	0.060571
0.036406	0.045335	0.02637	0.060923	0.059108	0.052484	-0.02372	0.031138	0.008438	0.061981
0.030525	0.073841	0.032455	0.043257	0.035853	0.043682	-0.01906	0.032412	0.021993	0.047056
-0.00808	0.057537	0.02995	0.042185	0.007825	0.025033	-0.02488	0.061784	0.034168	0.020415
-0.01378	0.04272	0.044275	0.071997	0.038014	0.040063	-0.01897	0.0639	0.044288	0.025768
0.026314	0.022181	0.053707	0.09505	0.077558	0.063829	0.032485	0.062969	0.018603	0.040745
0.034362	0.021946	0.066734	0.077826	0.084383	0.059027	0.060182	0.064632	-0.00868	0.033149
0.014185	0.067567	0.08313	0.058138	0.075691	0.052816	0.044109	0.059389	-0.02734	0.04094
0.01778	0.070355	0.052871	0.03381	0.059515	0.038006	0.037329	0.069902	-0.01154	0.054427
0.034552	0.028323	0.025434	0.048312	0.084893	0.054945	0.05989	0.082811	0.040071	0.05558
0.063045	0.02703	0.063623	0.077458	0.080715	0.078034	0.078337	0.028771	0.064176	0.068781
0.071076	0.087606	0.10128	0.093843	0.061611	0.024099	0.050085	0.00447	0.042835	0.061684
0.056612	0.076403	0.07308	0.093	0.074042	-0.0057	0.03534	-0.00432	0.030453	0.062688
0.069143	0.040646	0.04908	0.071062	0.100067	0.011244	0.035323	0.029193	0.034986	0.063284
0.101938	0.036737	0.056748	0.068761	0.098363	0.021859	0.048374	0.050629	0.03026	0.041578
0.103577	0.057355	0.0669	0.050889	0.061146	0.01306	0.048623	3.91E-04	0.047445	0.054135
0.109536	0.080727	0.045585	0.042739	0.042013	-0.00983	0.017603	-0.02259	0.042944	0.064666
0.079508	0.022955	0.037182	0.042828	0.010594	-0.03256	0.011826	-0.01844	0.006634	0.041099
0.043761	0.002539	0.06057	0.050852	-7.97E-04	-0.02114	0.045732	0.027205	0.022875	0.033584
0.042104	0.019986	0.054778	0.053444	0.042707	0.034258	0.055909	0.049283	0.050737	0.03608
0.042157	0.027744	0.02622	0.062491	0.044544	0.065328	0.02617	0.010702	0.048417	0.048694
0.087442	0.055301	0.042482	0.079533	0.020326	0.058316	0.01825	0.009507	0.055208	0.085191
0.113831	0.093783	0.061295	0.092779	0.066041	0.096684	0.074996	0.064577	0.078753	0.068177
0.081873	0.070261	0.064627	0.102304	0.085148	0.107856	0.095537	0.096943	0.089537	0.051188
0.032104	0.063446	0.089025	0.079184	0.023755	0.069356	0.006836	0.060984	0.067962	0.068781
0.016733	0.081188	0.09412	0.056789	0.002956	0.036474	-0.00161	0.031562	0.055693	0.068536
0.017365	0.071878	0.083549	0.052219	0.003867	0.043808	0.015125	0.012973	0.046823	0.049939

0.005593	0.040839	0.022372	0.05138	0.014147	0.04177	0.010439	0.005284	0.023065	0.039314
-0.02377	0.028818	0.019397	0.060458	0.024318	0.054407	0.044356	0.026517	0.017148	0.0378
-0.02419	0.029142	0.049274	0.049036	0.013131	0.043067	0.025849	0.029209	0.008053	0.049072
0.03362	0.041822	0.043996	0.027521	7.03E-04	0.014427	-0.00803	0.006692	0.013745	0.064778
0.072904	0.065186	0.036496	0.018475	-0.00115	0.021532	-0.0258	-0.00164	-0.00723	0.057672
0.072999	0.059107	0.038316	0.025594	-0.00898	0.049304	0.001487	0.007832	-0.01945	0.045121
0.023423	0.054323	0.069979	0.039713	-0.00309	0.087049	0.058085	0.032871	0.034684	0.038662
0.021003	0.033897	0.07521	0.012686	0.015316	0.042472	0.062417	0.060494	0.064367	0.057948
0.081006	0.066635	0.073827	-0.00924	-0.00117	-7.68E-04	0.022921	0.059389	0.073937	0.059129
0.114267	0.080035	0.06386	-0.00247	0.007135	-4.97E-05	0.013038	0.06015	0.075986	0.059849
0.124781	0.035956	0.073006	0.010077	0.060589	0.023685	0.043476	0.062549	0.05463	0.073145
0.117144	0.003648	0.055708	0.022582	0.065815	0.055297	0.075791	0.048417	0.033902	0.044925
0.077251	0.018384	0.010545	0.024959	-0.01287	0.019424	0.048516	0.039147	0.04549	0.002936
0.035037	0.037467	0.012161	0.016907	-0.01378	-0.02881	0.003311	0.042668	0.045982	-0.00547
0.025247	0.04934	0.038144	0.039819	0.013997	-0.06513	-0.01249	0.018422	0.046878	0.029598
0.049539	0.085968	0.062185	0.074661	0.010296	-0.03336	0.018582	0.016631	0.055115	0.055854
0.071453	0.081323	0.046022	0.077091	0.003037	0.032017	0.062417	0.055444	0.056328	0.019807
0.071697	0.066412	0.018772	0.049217	0.022989	0.049817	0.059032	0.075388	0.062106	0.032401
0.059771	0.051312	0.007617	0.029908	0.015533	0.046166	0.041773	0.033536	0.003792	0.046428
0.046454	0.047003	-0.0018	0.03388	0.007135	0.037739	0.035979	0.033246	-0.00353	0.018225
0.079777	0.057063	0.012615	0.076936	0.03856	0.016935	0.025343	0.062039	0.027102	0.007257
0.128843	0.032329	0.008837	0.057214	0.00607	0.009185	0.02844	0.066265	0.023897	0.024863
0.123187	0.010332	-0.00106	0.028212	-0.02034	0.010473	0.058504	0.05221	-0.0108	0.011124
0.085241	0.017802	-0.00933	0.035283	-0.04625	0.008335	0.045485	0.046779	-0.01487	0.009046
0.065044	0.038443	0.007201	0.052439	-0.03561	0.007004	0.023861	0.068403	0.019719	0.045157
0.054743	0.06513	0.057089	0.050761	-0.01321	0.0297	0.026288	0.058304	0.00615	0.036974
0.063451	0.019251	0.067801	0.029891	-0.00819	0.046766	0.038475	0.034988	-0.0158	0.044817
0.054833	-0.01675	0.036839	0.055905	0.002177	0.043736	0.043581	0.020618	0.010351	0.065583
0.049038	0.044715	0.058403	0.055794	-0.02062	0.020571	0.035219	0.036736	0.026316	0.06213
0.080679	0.082152	0.103174	0.067606	0.027573	0.052558	0.068075	0.073888	0.032502	0.04405
0.064487	0.051743	0.106301	0.069197	0.070725	0.04195	0.05705	0.080677	0.018226	0.055159
0.061626	0.011888	0.015217	0.009795	0.028709	0.017633	0.057685	0.053083	0.027259	0.07686
0.088205	-0.00292	-0.00856	-0.00824	0.037785	0.037507	0.031372	0.022476	0.053533	0.056239
0.077366	8.24E-04	0.067304	0.008538	0.061444	0.020897	0.018997	0.032259	0.076437	0.043569
0.048324	0.005989	0.105477	0.040671	0.05272	0.035178	0.060292	0.029361	0.040161	0.065546
0.02344	0.033966	0.064043	0.028938	0.058572	0.075362	0.075924	0.014994	0.013983	0.087432
0.00569	0.037032	0.0109	-0.00733	0.053012	0.102482	0.070707	0.001974	0.009394	0.085996
-0.00771	0.023848	-0.01771	-0.01728	0.02895	0.053574	0.083956	0.059389	0.031936	0.05793
-0.00412	0.020505	0.008179	0.010441	0.030229	0.053204	0.119855	0.100369	0.072751	0.019487
0.031451	0.046559	0.020304	0.031837	0.058756	0.053555	0.067777	0.008218	0.045271	0.021159
0.036632	0.028664	-0.02165	0.014205	0.056637	0.022443	0.021514	-0.07228	0.013643	0.056203
-0.01164	0.029706	-0.01323	-0.00714	0.02771	0.056189	0.029886	-0.076	0.010873	0.019318
-0.02957	0.052085	-0.00905	0.019947	0.00522	0.023529	0.025174	-0.03379	0.013711	-0.0198
0.007262	0.06738	0.012372	0.033268	0.012118	0.01054	0.029716	0.015779	0.008288	-0.00536
0.012555	0.027132	0.003867	0.021952	0.031216	0.044025	0.022317	-0.00269	0.025392	0.027567
0.007636	-0.0119	-0.03038	0.017243	0.057649	0.075245	-0.00872	-0.02141	0.063359	0.062204
0.034034	0.025369	-0.02512	0.019388	0.066962	0.059739	-0.00962	-0.02043	0.034773	0.041011

0.020919	0.067138	-0.00928	0.008621	0.040788	0.045966	-0.00279	0.020039	0.015563	0.007289
-0.00416	0.045654	0.009706	0.031489	0.061091	0.07149	0.008358	0.040895	0.010755	0.017822
-0.02813	-0.01656	0.014956	0.063633	0.058701	0.061883	-0.0019	0.03415	0.002155	0.036255
-0.04475	-0.04413	-0.00631	0.028333	0.052211	0.023547	-0.03153	0.03794	-0.00425	0.012598
-0.01639	-0.06197	-0.0282	0.00872	0.042191	0.012403	-0.02431	0.015288	-0.06302	0.002823
0.008368	-0.03227	-0.01999	8.63E-04	0.002096	0.005577	-0.02219	-0.00778	-0.08983	-0.02807
0.035574	0.021913	0.004917	0.007681	-0.01886	-0.01106	-0.03814	0.002037	-0.07075	-0.04165
0.009851	0.005277	0.022671	0.015176	-0.01268	-0.0344	-0.02822	0.028636	-0.04484	0.011108
-0.02889	-0.02998	-0.00321	0.008142	0.018722	-0.05382	-0.03267	0.037045	0.007285	0.030893
-0.03495	-0.04322	0.003041	-0.00588	0.021291	-0.04651	-0.0265	-0.00428	-0.00435	-0.01956
0.006046	-0.01414	0.002566	-0.03774	4.45E-04	-0.04562	-0.01882	-0.02521	-0.0505	-0.03679
0.010031	-0.03031	-0.01437	-0.03956	0.017847	-0.03496	-0.02782	0.007238	-0.03495	0.016866
-0.03434	-0.04154	-0.00499	-0.0181	0.011587	-0.0393	-0.02957	0.011269	-0.03003	0.043729
-0.05716	-0.04663	-0.0049	0.002261	-0.00165	-0.04582	-0.0241	-0.02937	-0.02906	0.006111
-0.07112	-0.04997	-0.02619	-0.04733	-0.0087	-0.05657	-0.03404	-0.06871	-0.04467	-0.05448
-0.04837	-0.00897	-0.02581	-0.04447	-0.00955	-0.0692	-0.06772	-0.08301	-0.05501	-0.0298
-0.05117	0.010626	-0.02053	-0.01768	-0.01307	-0.06503	-0.03574	-0.08505	-0.0488	-0.00344
-0.06621	-0.04194	-0.00541	0.007697	-0.03108	-0.07756	-0.01912	-0.07572	-0.05683	-0.04843
-0.09318	-0.02681	0.032794	0.047932	-0.03395	-0.06383	-0.0346	-0.02303	-0.02242	-0.04844
-0.056	0.001352	0.016214	0.00877	-0.04283	-0.03113	-0.03254	-0.01067	0.016415	-7.63E-04
0.004268	0.01289	0.025885	0.010624	-0.01627	-0.01031	0.00136	-0.01903	0.024019	-0.03764
0.01407	0.019919	0.018279	0.045858	0.003216	0.001424	0.006335	-0.02091	0.021544	-0.03541
0.056467	0.030716	0.033049	0.061576	0.006643	0.023978	0.028984	0.018307	0.015563	-0.01983
0.070775	0.061878	0.042517	0.051818	0.019802	0.039848	0.016445	0.048912	-0.00327	-0.06128
0.11796	0.09151	0.038626	0.084775	0.035713	0.038113	0.005868	0.020022	-3.80E-04	-0.07379
0.129015	0.125248	0.092383	0.151451	0.111118	0.063886	0.051856	0.014961	0.028029	-0.01922
0.109865	0.145278	0.182362	0.170925	0.119556	0.08647	0.104753	0.069273	0.070563	0.019436
0.132598	0.185814	0.234942	0.185963	0.139049	0.155216	0.137244	0.128571	0.098097	0.059295
0.21383	0.217241	0.220128	0.232459	0.194421	0.225376	0.160439	0.153373	0.149127	0.155987
0.26083	0.24091	0.219971	0.252171	0.201011	0.254457	0.200767	0.182625	0.205246	0.172522
0.2282	0.262336	0.271149	0.278285	0.236406	0.295488	0.260346	0.262076	0.244623	0.143724
0.247725	0.278644	0.332411	0.284069	0.290918	0.338089	0.308819	0.323376	0.241061	0.156449
0.296934	0.255871	0.303337	0.303393	0.324707	0.309263	0.222282	0.29657	0.255784	0.25429
0.274553	0.21258	0.308594	0.364163	0.313139	0.297397	0.227006	0.2769	0.334263	0.349848
0.248206	0.241411	0.367997	0.366378	0.254117	0.322835	0.320408	0.289504	0.335683	0.303154
0.200275	0.23698	0.345369	0.276048	0.187086	0.34585	0.360972	0.333156	0.309389	0.259413
0.183023	0.239245	0.26204	0.234733	0.217043	0.360636	0.341332	0.367005	0.287803	0.273762
0.274072	0.290697	0.256859	0.307055	0.278608	0.317946	0.247415	0.303181	0.244162	0.299221
0.276691	0.239467	0.299051	0.362146	0.269659	0.289016	0.207	0.259401	0.300639	0.348264
0.227418	0.216741	0.263107	0.318734	0.182468	0.279391	0.287978	0.303816	0.347401	0.256669
0.153506	0.220067	0.251851	0.283074	0.181291	0.275181	0.353045	0.336466	0.267178	0.146831
0.131278	0.226662	0.243687	0.32389	0.310096	0.329801	0.255219	0.325107	0.216318	0.22736
0.236488	0.26612	0.294869	0.375813	0.370682	0.353272	0.193453	0.269969	0.219845	0.259999
0.340596	0.297294	0.405959	0.404551	0.339616	0.364516	0.251967	0.294357	0.255576	0.258506
0.278901	0.27487	0.379656	0.316245	0.301579	0.326148	0.323245	0.341773	0.284502	0.228832
0.213178	0.25266	0.323894	0.210754	0.291707	0.285657	0.248908	0.319702	0.207596	0.193417
0.239582	0.236154	0.267751	0.245881	0.306682	0.305381	0.196019	0.277319	0.255872	0.270445

0.267874	0.248142	0.311747	0.313904	0.291391	0.306539	0.208258	0.231653	0.342965	0.308728
0.230284	0.271009	0.349364	0.294564	0.207415	0.321599	0.302579	0.271854	0.30347	0.26525
0.134879	0.261198	0.338618	0.282112	0.191277	0.299738	0.36808	0.356657	0.275366	0.212232
0.153687	0.217794	0.299051	0.302938	0.259745	0.274165	0.237819	0.335781	0.273143	0.279551
0.214118	0.173453	0.208874	0.331464	0.298231	0.233472	0.143398	0.230498	0.276669	0.359917
0.229282	0.212736	0.2658	0.367206	0.3031	0.239872	0.16437	0.215491	0.298707	0.371701
0.250872	0.248453	0.336152	0.338007	0.250569	0.305976	0.30054	0.341842	0.33313	0.281272
0.194315	0.24233	0.316356	0.292337	0.247562	0.31581	0.304275	0.372403	0.27891	0.203803
0.213152	0.24953	0.229137	0.297156	0.293416	0.306208	0.226979	0.325041	0.282924	0.303608
0.242252	0.276617	0.259657	0.2871	0.23833	0.287017	0.307234	0.310346	0.34982	0.355036
0.242168	0.293826	0.343003	0.314472	0.300643	0.34556	0.343432	0.289104	0.330275	0.293641
0.295324	0.330879	0.3529	0.34073	0.345511	0.349527	0.269363	0.337014	0.31573	0.279796
0.276299	0.34829	0.341998	0.33988	0.326415	0.347157	0.211689	0.340319	0.285261	0.333916
0.343474	0.397225	0.359301	0.378746	0.287964	0.360973	0.293854	0.333973	0.354884	0.364481
0.361962	0.368884	0.440726	0.399038	0.209841	0.391084	0.394054	0.375165	0.407971	0.343334
0.334792	0.378012	0.422474	0.321372	0.266667	0.423785	0.468475	0.435137	0.354772	0.273701
0.330192	0.380229	0.40926	0.32263	0.384893	0.414091	0.395475	0.441589	0.304462	0.310437
0.310461	0.363652	0.439251	0.436474	0.44272	0.380708	0.287269	0.405921	0.403914	0.452904
0.258449	0.332627	0.431398	0.422205	0.364289	0.392171	0.29376	0.351981	0.444597	0.43772
0.348289	0.360492	0.412995	0.299214	0.280512	0.397569	0.396346	0.351769	0.348096	0.281118
0.365171	0.363136	0.375822	0.227101	0.340711	0.37474	0.408197	0.390717	0.342821	0.254608
0.309451	0.329411	0.28999	0.32773	0.41542	0.351542	0.33554	0.379001	0.380183	0.428114
0.273922	0.324227	0.343767	0.386797	0.325594	0.342204	0.326067	0.338491	0.394974	0.444034
0.298487	0.336109	0.389933	0.382284	0.315068	0.374275	0.410975	0.419557	0.378688	0.330661
0.244938	0.260064	0.368733	0.358102	0.372239	0.379336	0.431409	0.414937	0.294254	0.18996
0.167931	0.202896	0.320488	0.329939	0.346047	0.374236	0.315511	0.327617	0.276575	0.288163
0.215821	0.225185	0.294094	0.363265	0.355273	0.364289	0.312822	0.331663	0.373146	0.379392
0.24505	0.264063	0.401926	0.387745	0.30375	0.371036	0.408645	0.379304	0.380222	0.371588
0.243425	0.278219	0.423934	0.346013	0.29421	0.369502	0.45457	0.42473	0.359406	0.329661
0.2045	0.251605	0.387043	0.377354	0.401858	0.389919	0.333101	0.40548	0.344705	0.319253
0.222939	0.264767	0.299867	0.396086	0.414162	0.349015	0.183193	0.293239	0.356672	0.42007
0.340876	0.337357	0.383334	0.337972	0.26825	0.299738	0.26954	0.30144	0.377668	0.378197
0.277931	0.242749	0.380374	0.30653	0.156209	0.270279	0.320408	0.371103	0.337466	0.321106
0.239554	0.216452	0.292361	0.264734	0.24057	0.294585	0.240413	0.308415	0.294222	0.311492
0.223633	0.157196	0.219971	0.303719	0.299709	0.234874	0.179618	0.271735	0.234615	0.292597
0.165797	0.174573	0.275107	0.303687	0.214841	0.21079	0.240247	0.21144	0.266116	0.289918
0.192694	0.18975	0.286746	0.298248	0.136589	0.231155	0.257919	0.225747	0.265117	0.245296
0.095524	0.152702	0.181835	0.204695	0.162005	0.244727	0.258467	0.249505	0.229376	0.090696
0.141773	0.12217	0.214232	0.254346	0.228934	0.19478	0.076246	0.168043	0.076848	0.074023
0.101292	0.063538	0.120202	0.20077	0.18545	0.157137	-0.00212	0.104124	0.064424	0.129923
0.067928	0.056354	0.117386	0.128244	0.054784	0.135367	0.070838	0.071388	0.141076	0.106693
0.006824	0.056808	0.12016	0.043579	0.067452	0.152351	0.134612	0.164318	0.166172	0.069839
0.024689	0.118086	0.152895	0.094547	0.089866	0.095033	0.088204	0.167509	0.121764	0.080453
-0.00901	0.052788	0.114445	0.092298	0.081415	0.049634	0.033051	0.163466	0.04538	0.075881
-0.02522	0.07088	0.116129	0.039713	0.036309	0.064511	0.022585	0.106317	0.070408	0.106981
0.027827	0.064019	0.099395	0.039057	0.044348	0.096051	0.065089	0.048806	0.044397	0.06846
0.032534	0.046523	0.034343	0.045265	0.062933	0.059158	0.087348	0.070385	-0.02803	0.027601

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.021561	0.707017	0.64804	0.620816	0.604618	0.544873	0.614202	0.771455	0.594715	0.523187
0.282301	0.270591	0.246663	0.219694	0.190395	0.205939	0.24423	0.243348	0.205541	0.2116
0.080868	0.078529	0.117214	0.113961	0.084434	0.08539	0.130087	0.081915	0.071939	0.080614
-0.04272	-0.04043	-0.00452	0.014115	0.008706	0.042653	0.03708	0.007902	-0.02023	-0.01074
-0.10119	-0.10043	-0.07961	-0.03932	-0.08787	-0.0385	-0.09179	-0.04653	-0.04696	-0.04246
-0.12106	-0.11042	-0.07237	-0.06636	-0.15401	-0.08368	-0.08968	-0.10081	-0.09704	-0.09993
-0.11749	-0.12904	-0.09705	-0.10577	-0.13958	-0.07865	-0.09087	-0.15651	-0.12153	-0.09725
-0.13549	-0.14276	-0.08133	-0.10828	-0.15577	-0.13318	-0.11305	-0.11082	-0.08958	-0.10086
-0.15943	-0.14636	-0.08969	-0.13	-0.12878	-0.1225	-0.12634	-0.09978	-0.10561	-0.08227
-0.16208	-0.13242	-0.09888	-0.13423	-0.09916	-0.08862	-0.12225	-0.14291	-0.12657	-0.08706
-0.13885	-0.11968	-0.11682	-0.14818	-0.11639	-0.11946	-0.13494	-0.16041	-0.0988	-0.10744
-0.14533	-0.14446	-0.12331	-0.15073	-0.11071	-0.1571	-0.14645	-0.15299	-0.10986	-0.15449
-0.15309	-0.1532	-0.12161	-0.15246	-0.13879	-0.19805	-0.14997	-0.15831	-0.12745	-0.15923
-0.16932	-0.16762	-0.14171	-0.13384	-0.11271	-0.15606	-0.16605	-0.1541	-0.15272	-0.18324
-0.17284	-0.14915	-0.11888	-0.12984	-0.09819	-0.14833	-0.20122	-0.14757	-0.10154	-0.14768
-0.16769	-0.17117	-0.14778	-0.14744	-0.1064	-0.17578	-0.18167	-0.1466	-0.10874	-0.15146
-0.19509	-0.16245	-0.15366	-0.16809	-0.13217	-0.18028	-0.15203	-0.1237	-0.11722	-0.16682
-0.17003	-0.14158	-0.1429	-0.15531	-0.15867	-0.15948	-0.15142	-0.13333	-0.13507	-0.19029
-0.12081	-0.12389	-0.11601	-0.14733	-0.15929	-0.1733	-0.17341	-0.15339	-0.17045	-0.17463
-0.12209	-0.14431	-0.15247	-0.1607	-0.13851	-0.18176	-0.18758	-0.1322	-0.17261	-0.18062
-0.1538	-0.1737	-0.16785	-0.17582	-0.11712	-0.15947	-0.16799	-0.12785	-0.15285	-0.16599
-0.16308	-0.16538	-0.15558	-0.16721	-0.16063	-0.18276	-0.1711	-0.11629	-0.12656	-0.13854
-0.16545	-0.17814	-0.16098	-0.16082	-0.16865	-0.17736	-0.1815	-0.14749	-0.1652	-0.13076

-0.16741	-0.15364	-0.12054	-0.14815	-0.16046	-0.18873	-0.20159	-0.14391	-0.15502	-0.11819
-0.16499	-0.14029	-0.15388	-0.16927	-0.14237	-0.19926	-0.2331	-0.14348	-0.19458	-0.16557
-0.15305	-0.13173	-0.203	-0.20188	-0.13938	-0.17538	-0.191	-0.15882	-0.18614	-0.16735
-0.14371	-0.12862	-0.2057	-0.20179	-0.18407	-0.1964	-0.16287	-0.14132	-0.15457	-0.17766
-0.16812	-0.14069	-0.18742	-0.18061	-0.18404	-0.18613	-0.17102	-0.14992	-0.20503	-0.18435
-0.1668	-0.13472	-0.16153	-0.17901	-0.16327	-0.17737	-0.18058	-0.13973	-0.18489	-0.18925
-0.15198	-0.13692	-0.16765	-0.1686	-0.19978	-0.19314	-0.17158	-0.1623	-0.19489	-0.19851
-0.13665	-0.1173	-0.17236	-0.16454	-0.21318	-0.1852	-0.15297	-0.17925	-0.19187	-0.17721
-0.11065	-0.13272	-0.19276	-0.15916	-0.16834	-0.16598	-0.14306	-0.14514	-0.16637	-0.15874
-0.12156	-0.17436	-0.18354	-0.14026	-0.15678	-0.16288	-0.14822	-0.13289	-0.16404	-0.13847
-0.13503	-0.15948	-0.15557	-0.14333	-0.18753	-0.17241	-0.14526	-0.1307	-0.18283	-0.16083
-0.11702	-0.14692	-0.15705	-0.13315	-0.17303	-0.15316	-0.12434	-0.13296	-0.16657	-0.15488
-0.1365	-0.15411	-0.16584	-0.14515	-0.14285	-0.1438	-0.11	-0.10806	-0.13275	-0.14064
-0.1524	-0.10874	-0.13973	-0.13105	-0.13417	-0.1467	-0.12665	-0.10341	-0.14153	-0.14087
-0.13382	-0.09534	-0.12987	-0.11688	-0.13999	-0.13221	-0.13282	-0.10932	-0.13774	-0.11137
-0.14666	-0.12416	-0.16579	-0.12326	-0.1364	-0.13885	-0.12637	-0.1203	-0.12183	-0.09684
-0.13189	-0.12475	-0.16451	-0.11725	-0.1262	-0.13648	-0.12839	-0.12005	-0.11266	-0.08501
-0.12556	-0.14041	-0.1431	-0.11031	-0.13913	-0.11892	-0.10823	-0.10654	-0.11578	-0.07712
-0.10013	-0.11342	-0.12485	-0.11711	-0.14702	-0.1221	-0.10388	-0.12782	-0.12727	-0.12768
-0.09679	-0.09304	-0.12719	-0.10844	-0.1351	-0.12242	-0.11264	-0.13403	-0.14312	-0.14313
-0.07529	-0.09448	-0.13698	-0.09807	-0.12065	-0.11512	-0.10439	-0.11133	-0.13873	-0.10156
-0.09101	-0.11485	-0.13076	-0.10634	-0.11565	-0.10289	-0.08332	-0.09981	-0.12627	-0.08114
-0.10662	-0.09432	-0.11568	-0.09706	-0.10792	-0.1019	-0.08396	-0.09783	-0.10589	-0.09497
-0.10095	-0.08821	-0.12682	-0.08043	-0.10962	-0.10689	-0.08426	-0.1262	-0.13702	-0.12871
-0.0995	-0.12135	-0.14953	-0.07926	-0.10159	-0.10134	-0.1133	-0.16664	-0.13936	-0.10973
-0.10741	-0.14411	-0.14297	-0.10922	-0.12133	-0.09468	-0.10884	-0.14733	-0.12204	-0.08183
-0.10863	-0.12857	-0.09879	-0.11768	-0.12793	-0.11383	-0.09007	-0.11851	-0.09657	-0.08101
-0.07223	-0.09667	-0.091	-0.09644	-0.11579	-0.1348	-0.11003	-0.14215	-0.10103	-0.10583
-0.09075	-0.09232	-0.10091	-0.08141	-0.11971	-0.11696	-0.12591	-0.1236	-0.1152	-0.10339
-0.09813	-0.10836	-0.10364	-0.05344	-0.09169	-0.10055	-0.08947	-0.08883	-0.06998	-0.06269
-0.09404	-0.12309	-0.09527	-0.07559	-0.06827	-0.10593	-0.06272	-0.05443	-0.02802	-0.04669
-0.08486	-0.10796	-0.08889	-0.09882	-0.08554	-0.09982	-0.07027	-0.07543	-0.03547	-0.06705
-0.07587	-0.08839	-0.09317	-0.1128	-0.13968	-0.11017	-0.10211	-0.12679	-0.09014	-0.10017
-0.07454	-0.0934	-0.07779	-0.10011	-0.16201	-0.12644	-0.09381	-0.12088	-0.09163	-0.08797
-0.0701	-0.11599	-0.07401	-0.07229	-0.10585	-0.13345	-0.06497	-0.11023	-0.06244	-0.05418
-0.05077	-0.10097	-0.08239	-0.07611	-0.0792	-0.12131	-0.07608	-0.09407	-0.06053	-0.07081
-0.0159	-0.06382	-0.08636	-0.08684	-0.05822	-0.05304	-0.08532	-0.09809	-0.08718	-0.09319
-0.05248	-0.08901	-0.07259	-0.07449	-0.05632	-0.0614	-0.05631	-0.09982	-0.07948	-0.0806
-0.06971	-0.10503	-0.05966	-0.04788	-0.08641	-0.07333	-0.0289	-0.08516	-0.04252	-0.06396
-0.07681	-0.06999	-0.04475	-0.03547	-0.06947	-0.06396	-0.04495	-0.0905	-0.04567	-0.05198
-0.07208	-0.06463	-0.04999	-0.0452	-0.07145	-0.0782	-0.05887	-0.06235	-0.06401	-0.04553
-0.05262	-0.07613	-0.07481	-0.06758	-0.07205	-0.06005	-0.045	-0.04312	-0.05902	-0.05741
-0.08528	-0.07025	-0.04851	-0.03639	-0.04008	-0.02707	-0.03169	-0.05544	-0.04224	-0.07099
-0.0982	-0.06119	-0.01418	-0.01417	-0.03358	-0.02765	-0.03314	-0.06312	-0.03343	-0.06341
-0.08497	-0.06192	-0.05777	-0.03584	-0.04069	-0.03583	-0.07152	-0.07658	-0.0403	-0.04161
-0.07317	-0.07801	-0.08316	-0.04597	-0.05266	-0.04049	-0.08739	-0.08077	-0.05258	-0.03716
-0.09637	-0.09594	-0.05485	-0.04941	-0.05381	-0.02856	-0.07878	-0.07485	-0.06115	-0.05855

-0.104	-0.07501	-0.02854	-0.04369	-0.03873	-0.00137	-0.04807	-0.02724	-0.02024	-0.03997
-0.06816	-0.05135	-0.07363	-0.04174	-0.04264	-0.00106	-0.01364	0.016444	0.002443	-0.01694
-0.04614	-0.0549	-0.12803	-0.04905	-0.04328	-0.01715	-0.06133	-0.00705	-0.03776	-0.03137
-0.03723	-0.05182	-0.0885	-0.03522	-0.0134	-0.00785	-0.08175	-0.02036	-0.06878	-0.03881
-0.05833	-0.02818	-0.00985	-0.00616	-0.00606	0.004459	-0.06781	-0.00468	-0.05148	-0.01079
-0.05455	-0.05465	-0.06973	-0.04199	-0.01605	0.008641	-0.04461	0.011663	0.00514	0.021093
-0.02898	-0.04759	-0.09893	-0.03919	0.011198	0.019216	-0.0173	-0.00141	0.014955	0.030379
-0.00265	0.020024	-0.03053	-0.00596	0.018281	-0.00322	-0.04146	-0.02792	-0.01808	0.005685
-0.01039	0.042586	0.025909	0.005929	-0.00854	-0.04858	-0.0381	-0.01459	-0.03816	-9.93E-05
-0.06143	0.003083	0.033684	0.031884	-0.01302	-0.01864	0.00327	-0.00537	-0.02944	0.002225
-0.08029	-0.02918	-0.03399	0.039748	0.026193	0.034901	0.007203	0.019867	-0.01966	-0.01154
-0.05583	-0.00777	-0.03417	0.027223	0.049092	0.021693	-0.01038	0.045343	-0.01668	-0.00402
-0.03361	0.006218	0.006141	0.004901	0.052933	0.020264	-0.02387	0.029931	-0.01357	0.00257
-0.04148	0.010738	0.00258	-0.00158	0.02524	0.015305	-0.01812	0.029088	-0.00293	0.01056
-0.01823	0.008381	-0.01253	0.00123	0.002548	0.014745	0.00948	0.050475	0.01084	0.019638
0.007146	-0.00726	-0.0039	0.029461	0.01426	0.041983	0.038971	0.036184	0.009404	0.010911
0.010088	0.003918	0.033096	0.031919	0.019356	0.01619	0.037856	0.011764	0.014391	-0.01346
0.014259	0.040353	0.050887	0.018031	0.029679	-0.02335	0.016453	0.015337	0.013965	-0.00264
-0.01352	0.041477	0.04952	0.028306	0.035581	-0.02288	-0.00636	0.032064	0.027327	0.023069
-0.02883	-0.00962	2.97E-04	0.022492	0.019203	-0.00248	-0.01728	0.012203	0.023042	0.005934
-0.00329	-0.02263	-0.0121	0.024979	0.02884	0.010268	-0.00369	-0.00236	0.019333	0.011498
-0.01094	-0.01199	0.011834	0.029495	0.029836	0.008323	0.041867	0.012422	0.005107	0.009674
-0.02045	-0.00817	0.021795	0.009343	-0.01294	-0.03652	0.031647	0.022988	-8.97E-04	0.008574
0.001965	-0.0116	0.013071	-0.00236	-0.03107	-0.06618	-0.00719	0.047095	0.041985	0.040334
0.013816	-0.02059	-0.01039	0.026742	0.003354	-0.02013	0.01657	0.029914	0.033434	0.018018
0.014174	-0.01402	-0.00847	0.03171	0.009557	-0.01574	0.026833	-0.0223	0.006294	0.013902
-0.00656	-0.03297	-0.04634	-6.26E-04	-0.01627	-0.05735	-0.01296	-0.05542	-0.00724	0.024535
-0.00358	-0.02642	-0.05746	-0.01037	0.002959	-0.04516	-0.0184	-0.04165	-0.0301	-0.00873
-0.00417	-0.00118	-0.02783	0.005162	0.033299	-0.00814	0.020949	-0.00969	-0.01402	-0.01273
0.014992	0.019345	0.00839	0.020848	0.0359	-0.00333	0.034005	-0.01268	0.005074	-0.01501
0.029444	0.019345	0.051735	0.05456	0.024842	-0.01463	-0.00218	-0.01067	0.004756	-0.02374
0.021959	0.005313	0.035767	0.047055	-0.01858	-0.05569	-0.04407	0.002553	0.009522	0.003803
0.023191	-0.02564	-0.01747	-0.0161	-0.0123	-0.07556	-0.00635	0.028054	-0.01138	-0.01865
0.007129	-0.05853	-0.02691	-0.01845	0.026263	-0.04517	0.035531	0.021899	-0.02402	-0.02477
-0.04095	-0.0439	0.008341	0.026091	0.036184	-0.00406	0.014808	-0.02794	-6.33E-04	0.019211
-0.05535	-0.03506	0.022926	0.045619	-0.00203	6.79E-04	-0.01164	-0.03888	0.018816	0.045452
-0.00148	-0.04631	-0.00733	0.009706	-0.02898	-0.03106	-0.02687	-0.0134	0.022624	0.019741
0.03969	-0.04697	-0.02756	0.013865	-0.02833	-0.04607	-0.01505	-0.00864	-0.0112	-0.03106
-0.00101	-0.0583	-0.01193	0.038037	-0.01109	-0.03433	-0.00113	6.42E-04	-0.01692	-0.03059
-0.01843	-0.0362	-0.00765	0.007125	-0.0065	-0.01816	-0.03272	-0.00373	5.55E-04	-0.02824
-0.00415	-0.01012	-0.03464	-0.02305	-0.0459	-0.02214	-0.04745	-0.01969	0.005893	-0.00192
-0.03682	-0.03808	-0.05437	-0.03986	-0.06544	-0.0206	-0.06201	-0.0375	-0.01635	-0.01098
-0.04172	-0.05165	-0.03476	-0.01529	-0.04709	-0.01438	-0.07859	-0.03569	-0.03622	-0.02726
-0.03848	-0.03929	-0.00751	0.010218	-0.05318	-0.02235	-0.06415	-1.96E-04	-0.0097	0.015033
-0.01894	-7.75E-04	0.011637	0.006715	-0.04869	-0.03817	-0.02802	0.008655	-0.00555	0.017304
0.022601	-0.00168	-0.01121	-7.81E-05	-0.03831	-0.01943	-0.02095	-0.03677	-0.01434	-0.0059
0.023174	-0.00774	-0.03798	-8.67E-04	-0.0334	0.011649	-0.0526	-0.06653	-0.0111	-0.01835

-0.02747	-0.00515	-0.00908	0.023104	-0.026	0.02554	-0.02677	-0.05617	-0.0087	-0.00889
-0.05553	-0.0131	-0.01052	-0.00328	-0.04688	-2.24E-04	-5.47E-04	-0.02356	-0.01252	0.005867
-0.04157	-0.01881	-4.40E-04	-0.01378	-0.08778	-0.05526	-0.01689	-0.02471	-0.02352	0.004595
-0.03361	-0.00294	0.007557	0.005521	-0.07191	-0.03313	-0.01947	0.001563	-0.00855	-0.01174
-0.01366	-0.01483	-0.01387	0.015617	-0.03754	0.010453	-0.02433	0.008404	-0.01402	-0.01892
-0.04839	-0.03935	-0.01343	0.027979	-0.00738	0.032418	-0.00794	-0.00579	-0.01325	-0.00966
-0.06339	-0.04175	-3.76E-04	0.013366	0.012558	-0.01888	-0.02061	-0.00239	0.013147	0.018512
-0.06842	-0.04679	0.013765	-0.04325	-0.03913	-0.03839	-0.04187	0.012017	0.043278	0.03416
-0.11399	-0.04848	0.002661	-0.05465	-0.05479	-0.02821	-0.07178	0.006201	0.032739	0.014881
-0.07546	-0.02257	0.017386	-0.02296	-0.03058	-0.01068	-0.06084	0.006351	-0.00876	0.004909
0.003192	0.012589	0.045782	0.021932	0.00914	0.002937	-0.0132	0.038222	-0.01551	-0.01055
-9.56E-04	0.014734	0.033944	0.00997	0.019527	-0.01647	-0.0011	0.046437	0.008831	-0.0303
-0.00449	0.011838	0.023382	-0.00667	-0.01495	-0.01759	-0.02023	0.00822	0.018385	-0.01802
0.010139	0.004147	0.023957	-0.01299	-0.02382	-0.01677	-0.03557	-0.01819	-0.01138	-0.0116
-0.00266	0.00574	0.034672	-0.00371	-0.00275	0.013964	-0.01	-0.00737	0.00772	-0.00426
-0.01846	0.022223	0.048426	-1.75E-04	0.010862	0.025123	0.021136	-0.00296	0.031691	0.034054
-0.02269	0.022976	0.045444	-0.00969	-0.02153	-0.03392	0.003368	-0.00999	0.024367	0.011816
-0.04327	0.002544	0.018606	-0.00352	-0.0127	-0.05111	-0.0296	0.028544	0.031034	-0.02312
-0.02984	-0.01545	0.008324	-0.00166	0.018639	-0.0317	-0.04238	0.011478	0.008511	-0.0113
-0.00881	-0.00724	0.026624	0.012917	0.027253	-0.01002	-0.01899	-0.02039	-0.017	0.001979
-0.00873	-0.02632	-1.84E-04	-0.01183	0.008956	-0.01786	-6.76E-04	-0.002	-0.01817	-0.01915
0.006543	-0.01428	-0.00506	-0.02572	-0.01141	-0.03782	-0.01902	0.018546	0.010501	-0.04315
0.012423	0.017464	0.004859	0.022968	0.022322	-0.05442	-0.02283	0.016887	0.006311	-0.03473
3.29E-04	0.016805	0.027716	0.042727	0.061716	-0.04177	-0.00674	0.015575	0.007771	0.01338
0.003923	0.036415	0.070173	0.045315	0.076858	0.005422	0.022719	0.034102	0.036763	0.022914
0.02441	0.025879	0.048498	-0.00643	-4.18E-04	-0.00573	0.027023	0.021209	0.045619	-0.03109
0.027701	-0.01031	0.005037	-0.04784	-0.04642	-0.02798	0.002097	0.019129	0.044264	-0.05185
0.036451	0.004377	0.014941	-0.02288	-3.03E-04	0.007805	-0.02723	-0.00288	0.023861	-0.0287
0.035341	0.032373	0.048748	0.012087	0.026888	0.045851	-0.01092	-0.01605	9.02E-04	-0.01732
0.039311	0.036486	0.048283	-0.01396	0.021686	0.020591	0.030951	-0.00942	-0.01809	-0.00214
0.045875	0.02433	0.033719	-0.03227	0.021154	-0.00939	0.01647	-2.28E-04	-0.01041	-0.01243
0.008438	-0.01379	0.013501	-0.03848	-0.00211	-0.04588	-4.98E-04	0.014624	3.24E-04	-0.03399
-0.01272	-0.01836	0.010076	-0.05516	-0.02668	-0.03536	-0.00106	0.018632	0.019281	-0.01103
-0.00458	0.010355	0.040508	-0.01881	-0.00834	-0.00424	0.001447	0.023768	0.039429	0.017729
0.016599	0.00999	0.046674	0.004689	0.012188	-0.03178	0.002781	0.003644	0.018505	0.024846
-0.00297	-0.00152	0.020735	-0.02129	0.004673	-0.02201	-9.51E-04	0.002421	0.010857	-0.01069
-0.02637	-0.00852	0.012625	-0.04145	-0.0177	-0.04603	-0.01376	0.01104	0.00384	-0.05681
-0.01911	-0.00442	0.03622	-0.01095	0.010025	-0.03664	-0.01436	-0.01527	-0.00952	-0.03628
0.015915	0.010189	0.040913	0.009888	0.041977	0.003284	0.014456	-0.02222	-0.01316	-0.00951
0.030592	0.017042	0.03137	-0.0203	-1.89E-04	2.02E-04	0.02868	-0.01171	-0.00592	-0.02817
0.019159	0.018513	0.031077	-0.0337	-0.0109	-0.00915	-0.01174	0.00512	0.00334	-0.06223
4.81E-05	0.00359	0.012362	-0.04446	0.014818	-0.00588	-0.02741	-0.00389	-0.01466	-0.06119
0.00564	0.003083	0.025297	-0.03454	0.021755	0.019113	-0.00738	-0.00554	0.004756	-3.44E-04
0.039726	0.023267	0.0515	0.008224	0.018946	-0.00351	0.03217	0.014488	0.016735	8.65E-04
0.021699	0.022428	0.041442	0.002899	-4.18E-04	-0.03539	0.0359	0.02259	0.017783	-0.05066
0.005173	-5.48E-04	0.01408	-0.03531	-0.01297	-0.04461	-0.00134	0.015746	0.025538	-0.05223
0.003026	-0.00815	0.028639	-0.02308	-7.44E-04	-0.01373	-0.01032	-0.01239	0.026098	-0.01595

0.004573	0.004328	0.050851	-0.03164	0.024184	0.02718	0.001284	-0.00803	0.050189	0.002767
-0.0097	-0.0136	0.002145	-0.07048	-0.00385	-0.00281	0.002113	0.004555	0.046206	0.023534
-0.00629	-0.01494	-0.03045	-0.04169	-0.02924	-0.03339	-0.02058	-0.00457	-2.54E-04	-0.01782
0.021595	0.005592	-0.02416	-0.0019	0.006693	-0.02953	-0.02943	-0.01546	-0.04001	-0.05443
0.031886	0.032863	0.023213	0.029357	0.054468	5.31E-04	-0.01751	-0.01049	-0.00313	-0.03205
0.023818	0.023267	0.01884	0.00433	0.044668	-0.03153	-0.00131	0.026045	0.05043	-0.01306
-0.00122	0.013996	-0.01064	-0.0214	0.024824	-0.06322	-0.00558	0.055426	0.05725	-0.02026
0.014719	0.018836	0.002032	-0.00238	0.020863	-0.04591	-0.00545	0.03451	0.028101	-0.04817
0.029144	-0.00556	0.02394	-0.00516	0.028124	-0.01786	0.004331	0.029	0.0329	-0.02933
-0.01418	-8.56E-04	0.041953	-0.0123	0.074679	0.025158	0.007499	0.02266	0.040207	0.009858
-0.02643	0.007686	0.009175	-0.02023	0.043275	-0.01082	0.018137	-0.0118	-0.00896	-0.04412
-0.0432	-0.01633	-0.02852	-0.03419	-0.01657	-0.02831	0.01721	-0.0111	0.008864	-0.06418
-0.05361	-0.03436	-0.02655	-0.03404	-0.01386	-0.01794	0.02151	0.021899	0.053855	-0.0136
-0.00258	0.004098	0.003484	-0.02894	0.004591	-0.01546	0.031961	0.015388	0.031957	0.031975
0.05074	0.060037	0.025229	-0.02066	-0.00315	-0.01511	0.02842	0.013014	0.021426	0.040943
0.062591	0.059943	-0.01064	-0.02767	-0.01745	-0.00351	0.033305	0.047864	0.036583	-0.01592
0.069655	0.048646	-0.02174	-0.02593	0.01046	0.026063	0.045447	0.076576	0.059932	-0.04734
0.065341	0.039961	0.029822	0.044957	0.062772	0.015475	0.008406	0.044269	0.048359	-0.01138
0.057763	0.056416	0.089173	0.106168	0.117071	0.034972	0.01511	0.009963	0.048913	0.054224
0.087391	0.101233	0.06454	0.048856	0.072975	0.03738	0.049402	0.014624	0.070772	0.070894
0.102947	0.106825	0.015722	0.003305	0.009741	0.024463	0.040639	0.02683	0.074852	0.018666
0.044467	0.046111	0.03561	0.039076	0.045593	0.029879	0.06888	0.065137	0.075421	-0.01388
0.030398	0.042479	0.091897	0.089899	0.080817	0.028422	0.089651	0.06818	0.071472	-0.01324
0.08059	0.086957	0.085977	0.106601	0.082137	0.037487	0.061338	0.045379	0.073598	0.033366
0.101966	0.088129	0.03793	0.070009	0.033581	0.044195	0.063525	0.049996	0.08002	0.032503
0.069404	0.029478	-1.84E-04	0.035072	0.003667	0.034154	0.053357	0.051121	0.069492	-0.00603
0.015812	-0.00273	-0.00247	0.040296	0.0324	0.016975	0.026059	0.019541	0.048857	0.00879
-0.00183	0.05612	0.028982	0.045798	0.05469	0.007404	0.027592	0.016802	0.028542	0.018274
0.034376	0.061755	0.011373	0.049578	0.03841	0.018256	0.025715	0.063957	0.049209	0.019075
0.044394	0.030575	-0.02016	0.037737	0.001825	0.027022	0.045861	0.085178	0.074146	0.020425
0.033467	0.006597	-0.02872	0.010961	-0.00757	-0.01097	0.039786	0.087662	0.076345	0.005553
0.027034	0.025603	-0.01486	0.031052	-0.05501	-0.05175	-0.00406	0.031764	0.049135	0.014577
0.040721	0.070071	0.024381	0.074083	-0.04034	-0.01778	0.009149	0.017536	0.050597	0.028928
0.067185	0.047105	-0.02575	0.037105	0.016971	0.054621	0.034232	0.029088	0.042859	0.021041
0.071556	-4.84E-04	-0.07059	-0.02058	-0.00902	0.045851	0.051457	0.044287	0.008578	0.024794
0.032845	0.003934	-0.03498	-0.00611	-0.06161	0.016923	0.067744	0.052341	0.007049	0.03508
0.006543	0.053964	0.024856	0.052972	-0.03261	0.036808	0.055283	0.072717	0.046812	0.055763
0.052336	0.092587	0.046495	0.091071	0.034482	0.059243	0.05589	0.109154	0.072349	0.071337
0.093932	0.068015	0.01762	0.05361	0.052656	0.058773	0.047755	0.081182	0.031868	0.068211
0.090913	0.056379	0.017136	0.022509	0.024184	0.023266	0.062926	0.054476	-0.00193	0.058444
0.059385	0.075852	0.051176	0.038477	-0.00409	0.029018	0.068179	0.058476	-0.00133	0.052507
0.063678	0.079425	0.050257	0.084576	0.017821	0.036023	0.019202	0.045561	0.010891	0.046087
0.105042	0.069384	0.022723	0.055622	0.029504	0.010403	-0.00462	0.033427	0.030396	0.039761
0.094628	0.050375	0.044591	0.02051	0.00235	0.010252	0.048279	0.038545	0.00404	0.04168
0.029568	0.037211	0.063834	0.036824	-0.01935	0.035898	0.076093	0.040433	0.019057	0.05065
0.048043	0.057379	0.044396	0.048369	-0.0126	0.01619	0.028524	0.067221	0.044319	0.052839
0.103491	0.06493	0.048515	0.067496	0.026975	0.03187	0.053284	0.098069	0.027503	0.037049

0.106261	0.034495	0.060709	0.051045	0.052914	0.084074	0.111571	0.091718	-7.32E-04	0.050228
0.08552	0.037228	0.073121	0.063278	0.060549	0.066508	0.099372	0.03451	-0.01463	0.069838
0.052113	0.047449	0.080658	0.074964	0.060756	0.046216	0.055302	0.039965	0.033113	0.041715
0.079006	0.044597	0.089075	0.087505	0.070507	0.066144	0.070896	0.106818	0.102731	0.04685
0.094833	0.053064	0.102987	0.067214	0.058768	0.10039	0.114511	0.113758	0.095988	0.067867
0.077013	0.051178	0.077122	0.03284	0.046337	0.092968	0.111717	0.07472	0.053127	0.03728
0.097425	0.057786	0.050113	-0.00101	0.057461	0.076825	0.077271	0.042166	0.078633	0.062385
0.114916	0.095086	0.076357	-0.00403	0.089686	0.08589	0.085709	0.061132	0.120574	0.063877
0.107801	0.11842	0.112621	0.043314	0.112961	0.102712	0.128496	0.088929	0.103066	0.052452
0.052671	0.068357	0.079386	0.046336	0.118593	0.115134	0.108151	0.052082	0.08511	0.09403
0.014378	0.051708	0.068969	0.049578	0.120293	0.123974	0.059775	0.008672	0.082767	0.100979
0.065629	0.12452	0.040878	0.008109	0.106564	0.105047	0.029338	0.024132	0.089835	0.085378
0.109474	0.162893	0.067114	0.038882	0.091881	0.071684	0.04799	0.063292	0.076797	0.025399
0.117329	0.134629	0.102379	0.11214	0.096244	0.062377	0.078821	0.056583	0.074048	0.025347
0.06448	0.039872	0.056308	0.126791	0.128497	0.077295	0.048858	0.027721	0.092502	0.057754
0.016103	0.02096	0.004681	0.068666	0.107589	0.093904	0.034811	0.054011	0.10922	0.074446
0.04423	0.066574	-0.01899	0.039235	0.066489	0.09911	0.046293	0.079661	0.117534	0.089251
0.074599	0.107386	0.046495	0.078872	0.083878	0.115198	0.044137	0.074857	0.045142	0.027343
0.090385	0.093351	0.078406	0.109704	0.114575	0.125483	0.066723	0.068565	0.034559	0.024517
0.063449	0.031464	0.018371	0.034635	0.128519	0.119932	0.088777	0.111928	0.08951	0.090576
0.052317	0.050868	-0.01421	-0.01146	0.09913	0.097957	0.11847	0.137765	0.098362	0.106682
0.072003	0.087453	0.016453	0.02324	0.073981	0.122448	0.107632	0.100255	0.055615	0.043787
0.098416	0.058287	0.041936	0.060303	0.094474	0.139104	0.111885	0.109745	0.051433	0.047633
0.109071	0.04316	0.034811	0.043457	0.081802	0.131751	0.118172	0.155573	0.091563	0.100855
0.11932	0.058752	0.039823	0.072556	0.11053	0.074773	0.064144	0.118713	0.102083	0.119541
0.119038	0.041459	0.055907	0.089403	0.052158	0.028597	0.058272	0.065901	0.045747	0.108942
0.111003	0.02562	0.092016	0.086894	0.023615	0.036308	0.043564	0.032914	-0.0356	0.104932
0.076836	-0.01076	0.093444	0.08015	0.094291	0.08573	0.036393	0.03613	-0.03018	0.135663
0.055677	0.028541	0.053109	0.067722	0.128387	0.104713	0.071182	0.088526	0.039466	0.135819
0.108562	0.063631	0.043704	0.071186	0.128695	0.090575	0.087884	0.104954	0.071492	0.101639
0.134758	0.062617	0.074242	0.059452	0.086423	0.074305	0.064182	0.047663	0.045802	0.038635
0.100925	0.048555	0.093226	0.079898	0.053764	0.061865	0.074937	0.020985	0.030396	0.031501
0.050147	0.032145	0.062075	0.0844	0.08497	0.047624	0.09722	0.042491	0.063376	0.068211
0.073738	0.035604	0.044733	0.060618	0.062527	0.008775	0.073209	0.066551	0.089449	0.10639
0.07952	0.039125	0.062149	0.044778	0.027967	-0.00735	0.050474	0.017656	0.074205	0.036818
0.075794	0.057453	0.076739	0.053391	0.045774	0.021538	0.05983	0.030424	0.055146	-0.01578
0.045766	0.079581	0.073729	0.056337	0.048251	0.026883	0.096997	0.047205	0.054884	0.020356
0.016137	0.074482	0.064113	0.082172	0.022512	-0.02785	0.102805	0.025627	0.06128	0.030274
0.05349	0.04255	0.065862	0.087821	0.022787	-0.04053	0.068918	0.049407	0.083187	-0.00274
0.041247	0.031394	0.043686	0.043225	0.037536	-0.02529	0.022822	0.010821	0.054266	0.010108
-0.01274	0.002413	0.009289	0.053027	0.03159	-0.02538	0.016133	-0.02188	0.027064	0.002225
-0.00601	-0.01139	0.019225	0.100989	0.044306	0.008089	0.055081	-0.01437	0.005074	-0.00708
0.033663	0.015037	0.02717	0.09571	0.037091	0.04434	0.077097	0.025592	0.017009	-0.01879
-0.0017	0.007108	0.001244	0.056356	0.04621	0.050343	0.034618	0.046218	0.054098	-0.03797
-0.00857	-0.00689	-0.03596	0.02007	0.046956	0.033764	-0.00129	0.004042	0.031815	-0.02726
0.030769	0.02612	-0.01821	0.012137	0.008523	0.008993	0.01689	-0.00226	0.019419	-0.00779
0.047748	0.015777	0.023839	0.056319	-0.00158	0.014049	0.054236	0.037488	0.03768	-0.04446

0.007615	-7.11E-04	0.023822	0.054341	-0.00708	0.005306	0.043492	0.030882	0.022364	-0.0703
-0.011	0.007422	0.035089	0.052735	0.006992	0.009714	0.001024	-0.00551	-0.03228	-0.03402
0.007062	0.020381	0.035141	0.056962	0.006644	0.017726	0.001967	-0.01438	-0.03357	-0.02186
-0.00754	0.00979	0.02247	0.038442	-0.0302	-0.005	0.023112	-0.01554	0.023529	-0.00873
-0.01602	0.005001	0.069364	0.035334	-0.04178	-0.01071	0.031056	-0.03221	0.024961	-0.00838
-0.06047	-0.00296	0.064485	0.031173	-0.00508	0.02481	-0.00287	-0.0151	-0.00513	-0.03542
-0.05722	-0.01258	-0.00752	0.046695	0.01777	0.019336	-0.03096	0.010552	-0.00205	-0.02315
-0.00999	0.015424	-0.03252	0.049813	-0.01122	2.35E-04	-0.02016	0.008471	0.020976	0.01051
-0.01454	0.028784	0.002564	0.045565	-0.01674	0.041839	0.015478	0.02083	0.020941	0.006265
-0.04412	0.007802	0.053037	0.034373	-0.02415	0.04788	0.029736	0.025662	0.004923	-0.01565
-0.08072	-0.00831	0.03849	0.038371	-0.01058	0.014813	0.016671	0.020589	-0.02469	0.008058
-0.03535	-0.03437	-7.44E-04	0.026759	-0.01981	-0.01633	-0.02283	8.34E-05	-0.04813	0.009123
0.023505	-0.03422	-0.027	-0.00452	-0.04962	-0.01037	-0.06181	-0.02491	-0.02293	0.022621
0.021855	-0.01071	-0.02976	-0.00908	-0.03508	0.031376	-0.03815	-0.02141	0.004423	-0.00321
0.00228	0.012924	0.033424	0.011127	-0.03167	0.058679	0.026179	0.028527	-0.00302	-0.05733
0.003591	0.002266	0.042996	0.023649	-0.00999	0.008357	-0.00148	0.04456	-0.01662	-0.04644
0.019797	-0.01303	0.024839	0.045028	-0.01441	-0.03538	-0.04075	0.012726	-0.03221	-0.00145
0.036505	-0.00465	0.031507	0.017192	-0.02663	0.001238	-0.02372	0.017451	-0.02922	0.026006
0.009684	0.019888	0.046888	-0.01554	-0.00672	0.018376	-0.00952	0.056583	0.013965	0.031571
-0.02748	0.008149	0.028674	-0.01641	-0.04274	0.001057	-0.00867	-0.00503	-0.00388	0.036623
-0.01251	-0.02903	-0.01935	0.004901	-0.02491	-0.00429	-0.01463	-0.04673	-0.00221	0.051697
0.0017	-0.0165	-0.01441	0.02822	0.011332	-0.02214	-0.02684	0.020727	0.001863	0.025469
-0.00923	0.006416	0.017286	-0.01796	0.00235	0.003664	-0.01703	0.058288	-0.04836	-0.0106
-0.01728	0.026897	0.034828	-0.03462	0.002252	0.015203	-0.00579	0.055836	-0.03113	0.022208
0.021855	0.015424	0.027989	-0.00391	0.033563	-0.00476	-0.00325	0.024167	0.008258	0.037494
0.023278	-0.00484	0.042483	0.043689	0.064532	-0.00903	-0.04031	0.014963	0.038761	0.049551
0.011034	-0.0153	0.041142	0.029185	0.048836	0.013998	-0.03138	0.015831	0.02011	0.045815
-0.00632	-0.00916	0.031628	-0.01774	-0.01219	-6.51E-04	-0.00393	-0.00242	-0.0146	0.049313
-0.01118	0.017853	0.009732	-0.03245	-0.04096	-0.05737	-0.00121	0.010198	-0.00768	0.060917
-0.02385	-0.01783	-0.01284	-0.01154	-0.0239	-0.07304	-0.01427	0.040253	0.042659	0.081027
-0.03091	-0.04409	-0.02436	-0.0084	-0.02237	-0.03667	-0.04012	0.05919	0.068331	0.052305
-0.01449	-0.01043	-0.02495	-0.05186	-0.00704	-0.01392	-0.01644	0.042202	0.014818	0.029347
-0.00849	0.036239	0.012658	-0.05154	0.033316	-0.00245	0.01971	-0.00203	-0.03514	0.016048
-0.0246	0.011338	0.002483	-0.03995	0.033157	0.001452	0.044137	0.004191	-0.0174	0.034019
-0.03152	-0.02331	-0.02337	-0.01353	0.014125	-0.03071	0.038157	0.046748	0.012824	0.049478
8.11E-05	-0.01308	-0.01325	-0.02236	-0.00815	-0.0588	0.027626	-0.0046	-0.02387	0.038724
0.020263	0.011955	-3.97E-05	-0.0441	-0.01243	-0.04162	-0.00523	-0.03723	-0.03451	0.044601
-0.0032	0.003427	-0.02666	-0.04066	-8.91E-04	-0.01224	-0.01795	-0.02192	0.035883	0.050815
-0.05199	-0.03082	-0.02647	-0.02163	-0.01767	-0.03003	-0.02161	-0.04051	0.030202	0.044149
-0.02635	-0.02011	-0.02339	-0.02456	-0.04135	-0.07117	-0.04125	-0.04284	0.011975	-0.00645
-0.00281	-0.01354	-0.03577	-0.03559	-0.02934	-0.04968	-0.02893	-0.00213	0.026169	0.006232
-0.05089	-0.0252	-0.06876	-0.03774	0.01709	-0.00366	-0.00551	0.003065	0.031939	0.036712
-0.05632	-0.03727	-0.06793	-0.05617	0.001251	-0.03324	8.14E-04	-0.06352	0.001117	0.008041
-0.06263	-0.06678	-0.05537	-0.06922	-0.05115	-0.05705	-0.01574	-0.06489	-0.02013	-0.0359
-0.07442	-0.08597	-0.06133	-0.06134	-0.05517	-0.04637	-0.00714	-0.03343	-0.01686	-0.0504
-0.05824	-0.06855	-0.08179	-0.0478	-0.03286	-0.04834	-0.03112	-0.06083	-0.04	-0.04016
-0.04378	-0.04063	-0.07746	-0.04307	-0.04257	-0.06836	-0.05221	-0.07169	-0.04586	-0.02358

-0.06562	-0.07119	-0.09096	-0.05679	-0.06083	-0.06217	-0.06335	-0.08654	-0.06603	-0.0512
-0.08195	-0.08618	-0.08523	-0.06874	-0.08649	-0.10575	-0.07846	-0.09817	-0.06633	-0.07399
-0.06017	-0.07626	-0.07357	-0.08102	-0.08494	-0.12651	-0.06164	-0.07199	-0.07592	-0.11003
-0.05117	-0.07373	-0.11435	-0.09731	-0.06674	-0.0956	-0.04604	-0.06663	-0.06809	-0.08784
-0.04155	-0.0833	-0.11103	-0.08626	-0.07992	-0.09044	-0.08096	-0.09278	-0.04919	-0.03964
-0.05188	-0.08631	-0.07131	-0.0694	-0.12454	-0.11516	-0.11008	-0.09744	-0.04458	-0.03954
-0.02733	-0.05894	-0.05011	-0.06257	-0.08679	-0.09706	-0.09405	-0.08222	-0.06576	-0.07344
0.01725	-0.03095	-0.06304	-0.05799	-0.03286	-0.0888	-0.05923	-0.07009	-0.07562	-0.09369
-0.02035	-0.03	-0.08623	-0.07487	-0.04403	-0.08293	-0.06561	-0.0865	-0.04007	-0.08861
-0.05577	-0.02155	-0.07531	-0.06545	-0.05186	-0.05953	-0.08184	-0.09263	-0.05864	-0.0861
-0.04852	-0.01215	-0.05746	-0.04706	-0.06974	-0.05709	-0.05261	-0.07857	-0.07627	-0.06643
-0.03744	-0.01487	-0.04699	-0.03848	-0.04905	-0.06612	-0.03818	-0.07016	-0.07009	-0.0801
-0.0277	-0.01377	-0.05495	-0.01921	-0.00263	-0.06948	-0.04875	-0.06151	-0.04748	-0.09501
-0.01033	-0.03514	-0.07511	-0.01431	-0.0011	-0.05533	-0.06542	-0.08071	-0.03363	-0.07892
-0.02598	-0.04294	-0.05089	-0.02432	-0.07449	-0.07383	-0.09363	-0.09532	-0.06506	-0.05924
-0.03068	-0.01264	-0.02042	-0.03672	-0.09834	-0.08538	-0.0605	-0.07445	-0.07449	-0.07428
0.019004	0.034635	0.011291	-0.00872	-0.04014	-0.06035	-0.03019	-0.0595	-0.06314	-0.08904
0.044979	0.017481	-0.00252	0.01862	-0.00879	-0.04899	-0.03037	-0.06004	-0.0676	-0.11803
0.021681	-0.00787	-0.04051	0.014715	-0.04063	-0.03081	-0.03798	-0.0684	-0.07016	-0.10365
0.043336	0.03108	-0.0109	0.016605	-0.04068	-0.01924	-0.04572	-0.06555	-0.059	-0.07926
0.043427	0.036698	0.012807	0.015367	-0.01373	-0.01756	-0.01639	-0.04236	-0.04409	-0.10926
0.037582	0.028853	0.003936	-0.00581	-0.02038	-0.02253	0.00265	-0.04187	-0.02393	-0.08499
0.040993	0.02894	-0.00183	-0.01921	-0.05145	-0.00606	0.00953	-0.02907	-0.016	-0.07927
0.018401	0.035568	0.014626	0.010267	-0.05135	-0.01186	-0.03129	-0.00462	-0.01317	-0.07179
0.014293	0.063274	0.040245	0.040526	-0.03646	-0.04006	-0.02563	-0.00719	-0.02653	-0.04031
0.042009	0.076355	0.035454	0.056907	-9.56E-04	-0.01018	3.60E-04	-0.02906	-0.05344	-0.05365
0.07288	0.071255	0.024958	0.066668	0.028962	0.006454	-0.01006	-0.02448	-0.0497	-0.07514
0.078038	0.005017	0.011258	0.050864	-0.02963	-0.02682	-0.0381	-0.0112	-0.01163	-0.04523
0.049001	-0.0116	0.00715	0.039006	-0.04478	-0.02125	-0.04748	-0.01805	-0.01305	-0.01524
0.045619	0.040335	0.027733	0.031381	-0.00344	-0.01576	-0.01248	-8.35E-04	-0.02783	-0.04301
0.059971	0.058362	0.034134	0.057846	0.018708	-0.00453	0.011337	-0.00507	-0.01964	-0.0469
0.068688	0.03578	4.57E-04	0.072727	0.031397	0.03097	0.002993	1.49E-04	-0.00236	-0.01696
0.108816	0.047359	-0.00433	0.03973	0.038696	0.032347	-0.01982	0.033463	0.039032	0.010192
0.084818	0.058808	0.019728	-0.01697	0.027497	0.019697	0.005117	0.047663	0.039176	0.012908
0.042681	0.051178	0.02013	-0.02557	0.002811	0.026604	0.023009	0.020417	-0.00998	0.004611
0.046187	0.027087	0.01456	0.061138	-0.00179	0.024706	0.016806	0.01566	-0.00571	-0.01988
0.04716	0.008547	0.012213	0.083597	0.010042	0.032064	0.032589	0.054531	0.029671	-0.02847
0.054424	0.014214	0.023957	0.04596	0.025586	0.049772	0.011404	0.048763	0.022903	0.005123
0.042881	0.018412	0.024161	0.012818	-0.00378	0.003085	-0.00401	0.038563	-0.00197	0.030256
0.02586	0.005428	0.002693	-0.01106	-0.01125	-0.00603	-0.00272	0.041714	-0.00384	8.00E-04
0.033503	-0.02135	0.022723	0.004656	0.020126	0.026133	-0.02206	0.039767	-0.04349	-0.02486
0.029585	-0.00627	0.054142	0.040455	0.039178	0.025106	-0.02796	0.029703	-0.04891	0.015811
0.035073	0.030348	0.063816	0.032996	0.043257	0.025593	-0.00559	0.035685	-0.00698	0.052139
0.042736	0.015777	0.047692	2.12E-04	0.029172	0.024029	0.027333	0.016956	-0.00226	0.028719
0.064289	0.020705	0.040157	-0.01127	0.054005	0.009848	0.025801	0.007719	0.002111	0.040477
0.055059	0.043554	0.073254	0.023938	0.087182	0.007304	0.023129	0.046657	0.017679	0.058519
-0.02541	-0.02815	0.082844	0.059082	0.068245	0.006737	0.019439	0.025	0.02037	0.058052

-0.04519	-0.04589	0.038245	0.06468	0.023874	-0.00364	0.02383	0.01109	0.030503	0.03439
0.004856	-5.32E-04	0.027562	0.030965	0.011047	-0.01806	0.033847	0.00102	-0.00133	-0.01689
0.026718	-0.00593	0.038981	-0.0026	0.026211	-0.0022	0.024138	-0.02621	-0.02255	0.003573
0.020107	0.016434	0.044609	0.013749	0.050907	0.019542	0.036657	0.020761	0.017817	0.060617
0.034858	0.071121	0.047084	0.058676	0.033599	-0.00382	0.028282	0.046876	0.033844	0.052673
0.020677	0.066479	0.007541	0.032544	-0.00177	-0.00661	0.033427	0.040992	0.045747	0.030396
0.003724	0.045678	-0.01842	0.002769	-0.00162	-0.00554	0.042117	0.020297	0.045087	0.005917
0.030327	0.044867	0.025671	0.050139	0.042158	-0.0319	0.013704	0.003992	0.054921	0.015016
0.040685	0.035956	0.0532	0.089047	0.081901	0.003333	0.047213	0.033871	0.080715	0.027186
0.037852	0.016181	0.022149	0.072441	0.053709	0.03973	0.068141	0.03697	0.060596	-0.01377
0.057744	0.023713	-5.52E-04	0.069536	0.055395	0.04788	0.033637	0.031252	0.030609	-0.01486
0.025231	0.052239	0.020315	0.089522	0.088422	0.077217	0.021765	0.015626	0.04204	0.037423
-0.00404	0.055548	0.039314	0.093264	0.047156	0.056879	0.082506	0.028106	0.084027	0.073633
0.019538	0.04062	0.056691	0.078196	-0.02804	0.030195	0.11266	0.061038	0.082708	0.049514
0.042826	0.024863	0.072477	0.077405	-0.01615	0.031482	0.061413	0.079661	0.054734	0.013599
0.058667	0.005247	0.032353	0.07625	0.009958	0.040954	0.024412	0.066283	0.032313	0.028771
0.058083	-0.00636	0.026267	0.060285	6.78E-04	0.056412	-0.00638	0.022798	0.002062	0.045888
0.053043	-0.00125	0.042465	0.074868	-0.00579	0.060996	-0.00676	0.027879	0.003274	0.032838
0.062858	0.039339	0.043137	0.051917	0.00899	0.06268	0.019135	0.069835	0.031034	0.022191
0.024132	0.038256	0.030475	0.00251	0.02064	0.041207	0.037609	0.076518	0.00499	0.021419
0.010291	-0.00254	0.032145	0.018317	0.017787	0.004692	0.014306	0.067202	0.013215	0.031448
0.04092	-0.01081	0.044041	0.044564	0.015529	0.001238	-0.01652	0.050051	0.022259	0.059716
0.045473	0.018971	0.024771	0.023138	0.013821	0.05003	0.017362	0.048782	-0.0163	0.046451
0.013782	0.02726	0.031352	0.011557	0.004343	0.071781	0.052716	0.063405	-0.01493	0.025902
-0.00338	0.016198	0.06117	0.013932	0.023511	0.053283	0.025732	0.015354	0.012247	0.044854
0.039131	0.022018	0.0688	-0.00246	0.068493	0.039352	-0.00218	-0.01898	0.004723	0.052397
0.058875	0.019735	0.038613	0.007174	0.062564	0.020797	0.002471	0.027809	0.016135	0.057455
0.041102	0.021625	0.011258	-0.00911	0.050723	-0.01119	-0.00185	0.073455	0.006529	0.044547
0.033218	0.045732	-0.02184	-0.03483	0.044849	0.013355	0.035531	0.035239	-0.01048	0.037209
0.010544	0.023216	-0.04914	-0.03473	0.03045	0.033977	0.062945	-0.03013	0.017731	0.063499
0.033325	0.018632	-0.02081	-0.00648	0.031292	0.00953	0.038917	-0.04797	0.02212	0.061011
0.034448	0.040727	0.03168	-0.00508	0.049421	0.024706	0.048388	0.012845	0.047824	0.066533
0.02635	0.049792	0.011834	0.006289	0.055822	0.025175	0.051366	0.028509	0.045106	0.053227
0.038086	0.039588	-0.00629	0.045404	0.039214	0.009345	0.020456	-0.01081	0.009842	0.040047
0.013884	0.055031	0.009044	0.081433	0.0367	0.024793	0.035425	0.003561	0.022816	0.035416
0.027104	0.097762	0.016403	0.075712	0.05933	0.034403	0.08435	0.054438	0.052978	0.001241
0.05624	0.089364	0.004697	0.041714	0.051017	-0.00767	0.055798	0.036719	0.050245	-0.01104
0.055584	0.025052	0.005832	0.051118	0.062923	0.018068	0.009894	0.002173	0.049061	-0.00393
0.028933	0.015609	0.0422	0.079201	0.037322	0.055683	-3.85E-04	0.030442	0.073051	0.036694
0.013935	0.041584	0.041265	0.039588	-0.01897	0.008407	0.010574	0.046273	0.070714	0.039099
0.052987	0.063537	7.94E-04	0.043885	-0.01363	0.0016	0.014155	0.040415	0.068989	0.006464
0.083917	0.056416	0.022065	0.095429	0.045284	0.06268	0.064013	0.042021	0.091176	0.019075
0.054293	0.027744	0.043509	0.082387	0.055376	0.073721	0.06482	0.033782	0.08489	0.054854
0.05405	0.035921	0.051663	0.031138	0.011449	0.036504	0.044711	0.065023	0.061489	0.069685
0.06561	0.006778	0.01777	0.03048	-0.00231	0.042924	0.055522	0.085798	0.016221	0.029732
0.063258	-0.01505	0.011966	0.066668	0.035208	0.059864	0.01449	0.048984	-0.01049	-0.00153
0.035753	0.009309	0.050311	0.060655	0.04106	0.052523	-0.03426	0.036702	5.38E-04	0.017899

0.00832	0.03239	0.055725	0.004037	0.019288	0.040269	-0.02905	0.027441	0.042167	0.052157
0.034412	0.015676	0.054015	-0.00109	0.035794	0.037094	9.11E-04	0.011747	0.014596	0.034196
0.058686	-0.01986	0.045266	0.015083	0.016461	0.019353	-0.02112	-0.01432	-0.0338	-0.00347
0.059612	-0.00254	0.049035	-0.02698	-0.02109	-6.18E-04	-0.06625	-3.27E-04	-4.52E-04	0.014138
0.019607	-0.01171	0.042094	-0.02253	-0.00346	-0.02705	-0.02459	0.062173	0.010738	0.029994
-0.03658	-0.01278	-0.02045	-0.00968	0.015376	-0.0377	0.004282	0.069373	-9.63E-04	0.022948
-0.03765	-0.01678	-0.06408	-0.03515	0.00112	-0.02173	-0.03305	0.014505	-0.01574	-0.01537
-0.02043	-0.02833	-0.03221	-0.03105	0.003008	-0.03577	-0.03529	-0.01364	-0.03894	-0.01349
-0.04848	-0.05368	-0.021	-0.01479	0.014075	-0.02827	-0.02335	0.004124	-0.0246	0.036978
-0.06192	-0.06182	-0.02745	-0.00283	-0.01108	-0.02226	-0.00684	0.03279	0.023042	0.051385
-0.03459	-0.02248	-0.01547	-0.0061	-0.04465	-0.03356	0.001024	0.0104	0.037392	0.032362
-0.02094	-0.00769	-0.0026	-0.01223	-3.20E-04	-0.0075	0.003139	-0.02923	-0.02092	-0.01308
-0.012	-0.05256	-0.01721	-0.01295	0.034341	2.35E-04	0.015445	-0.02395	-0.0694	-0.04406
-0.02694	-0.07817	-0.02684	-0.0315	-0.01076	-0.04494	-0.01967	-0.06033	-0.0556	-0.0432
-0.05492	-0.048	-0.01119	0.012436	-0.02922	-0.04146	-0.02843	-0.04762	0.003723	0.002866
-0.02407	-0.00985	-0.03768	0.015383	-0.02588	-0.0056	-0.00116	-0.02561	0.016272	-0.01267
-0.00888	0.014466	-0.05779	-0.01232	-0.02911	-0.0397	-0.02246	-0.05281	-0.02071	-0.05414
-0.04085	0.012707	-0.04759	-0.00894	-0.00288	-0.04374	-0.02188	-0.05481	-0.02515	-0.02927
-0.03041	-0.01155	-0.04806	-0.00167	-0.00751	0.014286	-0.0115	-0.05223	-0.02519	-0.01702
-0.02263	-0.04014	-0.04081	-0.01565	-0.06908	0.004376	-0.01128	-0.03913	-0.04149	-0.05464
-0.02407	-0.05573	-0.03084	-0.02581	-0.07728	-0.02722	-0.03662	-0.03714	-0.07332	-0.0819
-0.00109	-0.01691	-0.03726	-0.00514	-0.04107	-0.04195	-0.06549	-0.05782	-0.05677	-0.07038
0.013459	0.023061	0.002999	0.016186	-0.03571	-0.02841	-0.05928	-0.07414	-0.01404	-0.05667
-0.00175	0.01544	0.028024	0.013732	-0.06983	-0.02796	-0.03275	-0.05257	-0.01797	-0.06735
5.76E-04	-0.01256	0.003839	-0.00769	-0.05879	-0.04218	-0.06772	-0.0116	-0.03363	-0.07587
0.021872	-0.00673	-0.01399	0.013849	-0.02165	-0.03466	-0.07754	0.010669	-0.03257	-0.05558
0.05336	0.013711	0.003128	0.049994	-0.01687	-0.02137	-0.05072	-0.00861	-0.01351	-0.01729
0.115669	0.041566	0.009486	0.057827	-0.02734	0.027477	0.005346	-0.03044	0.012654	0.008574
0.165956	0.062505	0.063575	0.082406	5.63E-04	0.066125	0.064989	0.024201	0.010637	0.003705
0.173363	0.100005	0.148475	0.131154	0.038249	0.089142	0.070515	0.092062	0.021877	0.021727
0.222014	0.182638	0.190455	0.182989	0.095551	0.117365	0.090887	0.132255	0.090749	0.053744
0.246202	0.279709	0.228308	0.229951	0.143744	0.139465	0.130525	0.148838	0.14137	0.092148
0.253381	0.272959	0.257515	0.248441	0.221287	0.221728	0.207528	0.192439	0.138091	0.11952
0.282428	0.183554	0.210203	0.222162	0.296505	0.30983	0.26325	0.257756	0.112095	0.162305
0.326333	0.237322	0.243087	0.266589	0.283191	0.290056	0.248743	0.256332	0.175375	0.234829
0.372685	0.372112	0.329641	0.319168	0.283379	0.238624	0.209097	0.259752	0.268837	0.257299
0.360758	0.346527	0.337238	0.304227	0.279287	0.27691	0.237325	0.301389	0.259977	0.227765
0.331147	0.260033	0.266835	0.187386	0.275881	0.340606	0.32657	0.324603	0.208572	0.267578
0.325565	0.230726	0.234258	0.225131	0.309173	0.291402	0.277491	0.319538	0.240824	0.37926
0.326927	0.264817	0.317722	0.388602	0.351353	0.254343	0.229126	0.30386	0.340819	0.39653
0.336087	0.355674	0.380154	0.37116	0.334226	0.314681	0.224106	0.310251	0.35007	0.326696
0.342025	0.397066	0.376173	0.261141	0.343065	0.369329	0.285509	0.308611	0.255585	0.279067
0.341989	0.291207	0.281108	0.256051	0.399548	0.36281	0.350429	0.316772	0.21853	0.322593
0.317957	0.24682	0.260104	0.320684	0.35489	0.23962	0.329637	0.353959	0.310061	0.39051
0.308496	0.244818	0.299844	0.352681	0.3237	0.244348	0.232238	0.353403	0.351848	0.382833
0.326438	0.29162	0.323692	0.336388	0.29644	0.357918	0.269649	0.338585	0.333572	0.332872
0.304191	0.31917	0.303954	0.270691	0.323321	0.401947	0.411154	0.364469	0.272006	0.304906

0.26594	0.236454	0.274787	0.257975	0.354299	0.329776	0.337489	0.362158	0.286287	0.358866
0.257239	0.221895	0.298599	0.33266	0.30299	0.246601	0.262449	0.358882	0.36043	0.361936
0.329807	0.270652	0.338809	0.340643	0.253987	0.292173	0.318844	0.368668	0.345	0.338353
0.374751	0.322672	0.354073	0.323121	0.284384	0.314952	0.358855	0.360122	0.287502	0.261692
0.356092	0.271986	0.307193	0.286964	0.343353	0.267086	0.296296	0.352589	0.248419	0.241554
0.348597	0.24662	0.281445	0.316486	0.328444	0.255553	0.223158	0.306079	0.251619	0.314669
0.328751	0.29497	0.335674	0.371387	0.299198	0.306261	0.229703	0.327978	0.346866	0.368409
0.313048	0.358519	0.411731	0.3785	0.271675	0.338347	0.299188	0.365115	0.336678	0.305302
0.355456	0.354313	0.378848	0.282397	0.29386	0.361563	0.389227	0.370475	0.243129	0.215042
0.336982	0.287036	0.350575	0.286152	0.382264	0.370869	0.357857	0.315548	0.234264	0.253302
0.352773	0.293627	0.352627	0.381013	0.405037	0.359718	0.279921	0.279228	0.27926	0.210061
0.4104	0.398771	0.362151	0.348091	0.294214	0.364136	0.309103	0.311157	0.313444	0.252892
0.382238	0.378198	0.363074	0.26229	0.237442	0.364858	0.366769	0.344278	0.36206	0.346943
0.354187	0.261187	0.300452	0.26291	0.356076	0.350204	0.349704	0.350487	0.29023	0.253682
0.344897	0.23808	0.277875	0.315085	0.372947	0.312114	0.255542	0.317896	0.225632	0.243066
0.359021	0.348986	0.359503	0.352717	0.273788	0.289896	0.241568	0.251414	0.242292	0.270917
0.381405	0.432988	0.42025	0.317557	0.20346	0.345851	0.333807	0.275157	0.289008	0.250706
0.381286	0.269171	0.373893	0.288935	0.300436	0.353155	0.400113	0.360423	0.28444	0.223646
0.371637	0.245847	0.322916	0.343336	0.386064	0.324339	0.292406	0.330325	0.212485	0.259787
0.373152	0.308699	0.330567	0.417521	0.404	0.326631	0.231796	0.258619	0.231752	0.293203
0.382636	0.332546	0.371436	0.405541	0.374996	0.350167	0.329084	0.335163	0.365302	0.35853
0.417196	0.335067	0.334253	0.375388	0.322085	0.35676	0.40597	0.384609	0.371586	0.303491
0.382398	0.229981	0.308202	0.324447	0.359241	0.337739	0.309829	0.362649	0.276381	0.192033
0.3633	0.278998	0.270853	0.329239	0.377093	0.368255	0.295944	0.356451	0.267704	0.252016
0.369972	0.324519	0.311538	0.370629	0.315378	0.37552	0.386104	0.358657	0.391451	0.386674
0.416293	0.393275	0.378082	0.350542	0.223031	0.340822	0.425794	0.399753	0.447201	0.399675
0.393554	0.329518	0.370796	0.361266	0.327435	0.358592	0.422912	0.442184	0.396563	0.31041
0.350107	0.276076	0.33446	0.389827	0.408456	0.409213	0.364139	0.400908	0.304402	0.330419
0.342206	0.365394	0.309181	0.407062	0.39074	0.41579	0.271914	0.321701	0.337719	0.39442
0.418577	0.459853	0.422322	0.418577	0.367504	0.408204	0.329637	0.323599	0.408151	0.429399
0.416895	0.37376	0.431443	0.398621	0.345701	0.425473	0.440453	0.412464	0.418627	0.356485
0.350107	0.275861	0.370909	0.370251	0.408539	0.432081	0.370286	0.373723	0.34738	0.256798
0.339892	0.356706	0.270853	0.361377	0.380024	0.369522	0.3205	0.373335	0.315726	0.282652
0.332386	0.369101	0.319759	0.290223	0.230552	0.263158	0.344376	0.341386	0.327775	0.394501
0.256703	0.233025	0.303729	0.241046	0.182513	0.281844	0.357968	0.350524	0.276631	0.331924
0.229359	0.071389	0.240514	0.251452	0.210859	0.269674	0.306308	0.311998	0.220171	0.245531
0.251083	0.146456	0.206346	0.251855	0.222649	0.242565	0.171015	0.213846	0.249503	0.197145
0.22328	0.265504	0.243115	0.258999	0.224097	0.223729	0.196037	0.233487	0.265053	0.211068
0.175383	0.231279	0.279733	0.218759	0.170853	0.164018	0.254145	0.319401	0.305734	0.250851
0.122128	0.097112	0.203136	0.196748	0.172455	0.236525	0.29457	0.330254	0.306871	0.237163
0.127114	0.076471	0.112808	0.101845	0.202964	0.224004	0.255455	0.292768	0.220583	0.135127
0.086807	0.134496	0.085314	0.150193	0.176632	0.200958	0.159153	0.203784	0.139204	0.096776
0.135275	0.144798	0.17961	0.21956	0.126568	0.152488	0.152684	0.135248	0.162348	0.170593
0.098954	0.09444	0.101102	0.192381	0.046301	0.100121	0.088379	0.119037	0.2144	0.16183
0.018006	-0.03897	0.027836	0.06776	0.025309	0.130663	0.0972	0.155221	0.145458	0.076719
0.071634	0.006383	0.029307	0.086993	0.128124	0.123189	0.049838	0.121679	0.070442	0.047014
0.104287	0.043824	0.039911	0.100989	0.028351	0.08647	0.036498	0.062817	0.13351	0.135529

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

110	111	112	113	114	115	116	117	118	119
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0.216345	1.659485	0.407743	2.732743	1.747707	0.199133
0	0.145478	1.012147	0.675634	0.468891	0.43269	0.419692	0.395793	0.398266	0.453244
0.525177	0.404016	0.290955	0.204105	0.117398	0.184273	0.149735	0.093097	0.095919	0.145043
0.192546	0.146454	0.11548	0.056316	0.016132	0.023112	0.002058	-0.02397	-0.04447	-0.02499
0.094207	0.073323	0.065469	-0.01655	-0.01196	-0.04617	-0.02347	-0.01337	-0.06059	-0.08282
0.028753	0.015136	0.01026	-0.06856	-0.07102	-0.04905	-0.02842	-0.03347	-0.08284	-0.10881
-0.0507	-0.07665	-0.07981	-0.0933	-0.10045	-0.06881	-0.11546	-0.07292	-0.09026	-0.10159
-0.08119	-0.15577	-0.119	-0.11086	-0.07826	-0.08025	-0.14055	-0.09059	-0.05881	-0.04723
-0.07196	-0.12327	-0.0804	-0.09004	-0.10029	-0.13243	-0.09964	-0.10959	-0.1023	-0.06723
-0.08876	-0.0991	-0.08918	-0.11104	-0.11645	-0.16527	-0.15865	-0.12691	-0.12202	-0.11968
-0.11176	-0.09616	-0.13498	-0.14564	-0.12108	-0.20101	-0.23177	-0.22025	-0.18633	-0.14917
-0.14003	-0.09413	-0.13148	-0.12702	-0.0887	-0.12212	-0.17357	-0.22923	-0.21487	-0.15361
-0.17918	-0.14677	-0.13849	-0.10905	-0.07928	-0.10439	-0.14333	-0.17003	-0.13726	-0.12795
-0.15965	-0.11629	-0.13926	-0.13504	-0.11416	-0.11458	-0.1523	-0.16751	-0.13679	-0.12683
-0.1285	-0.11911	-0.18008	-0.1676	-0.13703	-0.14373	-0.14739	-0.16382	-0.16701	-0.14592
-0.14827	-0.14611	-0.17877	-0.16709	-0.17142	-0.1861	-0.15331	-0.14283	-0.15796	-0.15945
-0.15576	-0.14492	-0.15376	-0.13224	-0.12826	-0.17294	-0.14224	-0.1233	-0.11762	-0.14884
-0.13627	-0.12543	-0.15949	-0.12608	-0.09534	-0.1504	-0.15633	-0.15283	-0.14089	-0.13219
-0.14717	-0.13668	-0.16867	-0.15165	-0.12582	-0.14241	-0.16116	-0.18803	-0.17664	-0.18298
-0.14873	-0.17229	-0.17364	-0.14748	-0.13807	-0.15181	-0.16583	-0.18416	-0.15828	-0.18022
-0.1151	-0.18161	-0.20015	-0.16032	-0.18027	-0.18964	-0.15818	-0.16947	-0.15164	-0.1646
-0.13374	-0.17047	-0.18814	-0.14548	-0.19089	-0.18907	-0.15277	-0.17423	-0.16904	-0.18497
-0.13208	-0.15668	-0.18013	-0.16324	-0.1883	-0.18435	-0.17993	-0.17291	-0.15146	-0.18589
-0.12658	-0.13664	-0.14288	-0.15776	-0.16081	-0.17734	-0.18418	-0.18152	-0.15992	-0.18393
-0.13253	-0.14422	-0.15017	-0.1434	-0.14413	-0.17528	-0.16588	-0.17389	-0.15451	-0.14129

-0.14462	-0.16808	-0.18575	-0.15614	-0.13457	-0.15335	-0.13864	-0.16738	-0.15017	-0.14378
-0.16443	-0.16313	-0.1617	-0.15867	-0.15724	-0.16882	-0.1292	-0.14257	-0.14336	-0.17107
-0.12183	-0.15443	-0.16472	-0.18321	-0.18765	-0.17162	-0.17792	-0.17594	-0.18824	-0.17652
-0.16141	-0.16702	-0.15345	-0.17628	-0.17166	-0.17148	-0.21342	-0.19441	-0.20245	-0.1899
-0.21328	-0.18034	-0.1765	-0.17025	-0.16067	-0.19251	-0.19722	-0.19244	-0.16126	-0.17717
-0.19821	-0.16824	-0.17971	-0.19058	-0.19044	-0.21122	-0.19407	-0.21832	-0.15409	-0.16566
-0.17353	-0.16609	-0.16207	-0.17529	-0.19811	-0.21539	-0.18187	-0.18082	-0.1696	-0.16934
-0.15748	-0.18223	-0.16191	-0.19164	-0.18314	-0.19027	-0.17731	-0.15853	-0.1774	-0.18288
-0.18226	-0.21202	-0.19909	-0.19527	-0.18174	-0.18951	-0.17197	-0.17558	-0.16379	-0.14559
-0.16679	-0.19986	-0.20631	-0.15936	-0.17512	-0.16089	-0.14761	-0.16146	-0.15069	-0.13824
-0.13175	-0.13596	-0.15427	-0.15474	-0.17222	-0.13754	-0.15753	-0.14744	-0.15482	-0.16803
-0.11598	-0.12574	-0.14362	-0.16864	-0.16778	-0.12701	-0.16196	-0.15588	-0.16859	-0.1615
-0.11035	-0.11609	-0.15102	-0.14581	-0.12673	-0.1227	-0.15067	-0.16029	-0.15444	-0.14198
-0.12193	-0.12314	-0.15975	-0.14474	-0.10752	-0.11875	-0.12089	-0.13329	-0.10679	-0.12842
-0.1116	-0.11662	-0.11594	-0.13339	-0.12285	-0.11861	-0.10574	-0.09718	-0.09111	-0.12061
-0.10068	-0.10931	-0.1186	-0.11956	-0.13083	-0.10151	-0.11575	-0.10575	-0.11847	-0.10451
-0.10501	-0.12024	-0.1376	-0.1136	-0.1216	-0.08928	-0.11771	-0.1118	-0.11987	-0.09379
-0.09057	-0.11082	-0.14021	-0.13683	-0.13864	-0.08601	-0.10454	-0.10317	-0.08683	-0.08804
-0.10878	-0.09656	-0.12231	-0.13206	-0.15923	-0.10884	-0.10633	-0.10486	-0.08605	-0.08418
-0.12782	-0.09855	-0.10554	-0.13111	-0.14581	-0.09597	-0.10686	-0.07676	-0.1236	-0.09097
-0.1236	-0.10447	-0.10566	-0.13351	-0.10382	-0.06678	-0.1367	-0.08697	-0.14352	-0.11132
-0.0947	-0.08873	-0.1031	-0.08666	-0.0756	-0.07773	-0.14662	-0.08027	-0.09465	-0.0778
-0.08981	-0.08198	-0.08123	-0.06292	-0.08099	-0.0753	-0.10864	-0.07851	-0.04434	-0.03706
-0.10825	-0.08846	-0.07291	-0.10367	-0.07719	-0.08468	-0.08912	-0.06839	-0.07272	-0.04809
-0.10866	-0.10305	-0.10994	-0.14239	-0.09437	-0.08512	-0.08908	-0.07403	-0.11057	-0.05667
-0.09144	-0.08797	-0.09089	-0.117	-0.09806	-0.07456	-0.08592	-0.08561	-0.11311	-0.06748
-0.08661	-0.07719	-0.05879	-0.06449	-0.08117	-0.05193	-0.05997	-0.03278	-0.06965	-0.07429
-0.07923	-0.08829	-0.06942	-0.08595	-0.09084	-0.03507	-0.05616	-0.01369	-0.05816	-0.07852
-0.06783	-0.10348	-0.09074	-0.10918	-0.10018	-0.05304	-0.07956	-0.06134	-0.10824	-0.08436
-0.07121	-0.09352	-0.08913	-0.08673	-0.08153	-0.06632	-0.08737	-0.08056	-0.11962	-0.08939
-0.07974	-0.07319	-0.07536	-0.07939	-0.05088	-0.04695	-0.09847	-0.06197	-0.07533	-0.05524
-0.0911	-0.08294	-0.06535	-0.0997	-0.05982	-0.03209	-0.08832	-0.03615	-0.05025	-0.0456
-0.11082	-0.07607	-0.06297	-0.12096	-0.08487	-0.04912	-0.05779	-0.0275	-0.07251	-0.04437
-0.11206	-0.08014	-0.08031	-0.12576	-0.07919	-0.0882	-0.09645	-0.05869	-0.11721	-0.05396
-0.07203	-0.06649	-0.07763	-0.09313	-0.08128	-0.10968	-0.12933	-0.0744	-0.12725	-0.0682
-0.04377	-0.05591	-0.03496	-0.06364	-0.07975	-0.0717	-0.08398	-0.03663	-0.06409	-0.04126
-0.06434	-0.06468	-0.03072	-0.071	-0.05271	-0.04814	-0.07535	-0.0278	-0.04898	-0.02177
-0.07233	-0.06588	-0.05334	-0.08921	-0.0381	-0.06467	-0.08124	-0.05671	-0.09956	-0.03291
-0.05226	-0.06343	-0.06029	-0.08544	-0.05142	-0.06161	-0.04914	-0.07394	-0.0971	-0.042
-0.06857	-0.0939	-0.07555	-0.08345	-0.05575	-0.06249	-0.04019	-0.05049	-0.05188	-0.03175
-0.05631	-0.06408	-0.05936	-0.06906	-0.02788	-0.04703	-0.04967	-0.02498	-0.03428	-0.04314
-0.0238	0.007492	-0.03412	-0.06092	-0.01689	-0.03043	-0.0273	-0.02615	-0.04997	-0.04074
-0.04427	-0.01812	-0.02725	-0.04359	-0.02981	-0.0601	-0.02217	-0.06218	-0.10006	-0.0306
-0.05886	-0.04589	-0.01023	-0.03164	-0.04758	-0.07989	-0.04882	-0.0788	-0.10606	-0.02589
-0.03656	-0.02729	-0.02308	-0.05778	-0.02519	-0.06245	-0.04085	-0.03052	-0.05029	-0.02864
-0.01645	0.00285	-0.02793	-0.08165	-0.01049	-0.04419	-0.03498	-0.0101	-0.04016	-0.02479
-0.01523	0.010732	-0.04572	-0.07678	-0.01594	-0.04095	-0.02295	-0.02265	-0.03874	0.021213

-0.02178	-0.01908	-0.02781	-0.04445	-0.03138	-0.05081	-2.53E-04	-0.02216	-0.01184	0.029716
-0.03251	-0.04753	-3.26E-04	-0.0385	-0.04848	-0.05619	-1.10E-05	-0.02672	6.26E-04	-2.31E-04
-0.03891	-0.04995	-0.00888	-0.02568	-0.01826	-0.04085	0.002268	-0.03386	-0.0177	-0.00875
-0.02379	-0.00924	-0.03205	-0.01711	0.012072	-0.01768	0.008257	-0.05066	-0.01078	0.015309
-0.03278	0.007141	-0.03879	-0.03316	-2.56E-04	-0.01415	0.007716	-0.04607	0.010152	0.040973
-0.02549	0.010176	-0.01322	-0.04497	-0.03293	-0.03666	8.93E-04	-0.05062	0.012098	-0.00399
-0.0118	0.019481	-3.09E-04	-0.03634	-0.03136	-0.04504	0.008471	-0.04093	0.012804	-0.02562
0.007756	0.029746	-0.01417	0.001116	0.017673	-0.01541	0.009838	-0.04658	0.020191	4.20E-04
0.052779	0.039341	-0.03415	0.024462	0.039838	0.017246	-0.01336	-0.08834	0.015671	0.020701
0.034653	0.020497	-0.05734	0.028682	-0.00787	-0.01544	-0.06683	-0.07979	0.02662	0.00887
0.00692	0.004193	-0.0462	0.014732	-0.02631	-0.06024	-0.06393	-0.02216	0.044426	-0.02254
0.028029	0.027131	-0.0296	-0.00454	0.003723	-0.02212	0.020202	-0.01177	0.014614	-0.02486
0.057044	0.018159	-0.02119	-0.00299	0.035831	0.022112	0.048609	-0.02896	0.005767	0.006074
0.04241	0.013759	0.005558	0.003839	-0.00566	-0.00701	0.024275	-0.03651	0.028932	0.055089
0.032544	0.055532	0.009738	0.007896	-0.04677	-0.01817	0.003892	-0.04187	2.91E-04	-0.00266
0.047833	0.044574	-0.01826	0.010168	-0.01061	0.022366	0.023968	-0.03377	-0.0195	-0.05061
0.038585	0.025524	-0.02838	0.015592	0.041944	0.051023	0.061958	0.003221	0.011165	-0.0209
0.039061	0.010042	-0.00744	0.036253	0.035954	0.048641	0.039827	-0.00828	0.045558	0.026506
0.022099	-0.00616	-0.02611	0.026805	-0.0379	0.02152	-0.00617	-0.02636	0.061466	0.019032
-0.00559	-0.00344	-0.04761	0.007254	-0.03426	0.006367	-0.02426	-0.02449	0.019791	-0.03944
0.016499	0.026379	-0.01874	0.014904	0.001422	0.029178	1.18E-04	-0.03799	-0.0206	-0.04424
0.022693	0.024253	-0.02462	0.008946	-0.00627	0.033606	0.014414	-0.038	-0.00152	-0.01705
0.023033	-0.00982	-0.04047	-0.00291	-0.02406	0.028061	-0.02142	-0.01955	0.066622	0.03411
0.032509	0.009017	-0.01035	-0.00457	-0.03904	0.012749	-0.03488	-0.02007	0.046054	0.055071
0.033676	0.034188	-0.01221	-0.00778	-0.04467	-0.00175	-0.02766	-0.01947	5.62E-04	0.025901
0.048392	0.036811	0.012097	0.035801	0.006101	0.038062	-0.01786	-0.01641	-0.0083	-0.02632
0.047132	0.01592	0.038726	0.069115	0.087822	0.089445	0.003177	0.031897	0.005282	-0.04737
0.036702	0.00494	0.02073	0.008455	0.047479	0.054092	0.006012	0.093357	0.032526	-0.00886
0.043925	0.005057	0.033141	-0.03801	-0.02879	-0.00185	-0.02985	0.061373	0.051155	0.043879
0.016885	-0.01408	0.018102	-0.01679	-0.01991	0.022315	-0.0067	0.022364	0.008766	0.03522
0.001398	-0.0424	-0.01397	0.024093	0.024402	0.053892	0.027544	0.016023	-9.52E-04	-0.01774
0.009468	-0.03347	-0.02493	0.003688	0.018529	0.026451	-0.0326	0.0225	0.050545	0.023285
-0.01111	-0.0163	0.002243	-0.00561	-0.00611	-0.0092	-0.03671	0.040686	0.05261	0.088889
0.002532	-0.01325	0.015523	-0.00923	-0.02581	-0.02741	-0.02094	0.040261	-0.01005	0.056847
0.038638	-0.01309	0.015829	-4.78E-05	-0.00617	0.013745	-0.00716	0.016207	-0.02355	0.003311
0.031988	-0.03232	0.034526	0.041429	0.038287	0.06386	0.02818	0.024937	-0.01245	-0.00729
-0.00945	-0.02347	0.045277	0.053922	0.051469	0.056394	0.025368	0.041857	4.51E-04	0.026385
0.011401	0.014574	0.04393	-0.01019	0.016015	-0.00892	-0.01592	0.040137	0.005912	0.029333
0.023953	-0.0139	0.009285	-0.06477	-0.02066	-0.04034	-0.03513	0.035892	-0.00425	0.007081
5.09E-04	-0.03004	-0.00167	-0.08109	-0.01491	0.015759	-0.00893	-0.0056	-0.05008	-0.01975
-0.00819	-0.01999	0.008866	-0.05826	0.005122	0.048137	-0.02498	-0.03133	-0.0699	-0.01588
-0.0439	-0.04231	-0.02414	-0.06828	0.013682	0.024591	-0.04661	0.001468	-0.01692	0.015427
-0.05245	-0.05933	-0.05179	-0.07207	-0.00417	-0.01253	-0.03822	0.016291	0.021614	0.016254
-0.01443	-0.06934	-0.03117	-0.05933	-0.03154	-0.01499	-0.00348	0.002262	-0.01575	-0.03987
-0.00189	-0.04236	0.001352	-0.04233	-0.01555	-0.00831	-0.00874	-0.00509	-0.04342	-0.04377
-0.03393	-0.03092	-0.00823	-0.03134	0.018479	-0.02121	-0.02324	0.002019	-0.02354	0.009734
-0.0265	-0.02915	-0.03266	-0.0279	-0.01039	-0.04097	-0.0067	0.003627	-0.00306	0.033864

-9.42E-04	-0.01823	-0.03074	-0.04216	-0.02915	-0.04582	-0.005	-0.05032	-0.01576	0.006899
-0.01377	-0.03129	-0.00675	-0.05884	-0.01585	-0.02689	0.003681	-0.05759	-0.0211	-0.01016
-0.01743	-0.02003	9.89E-04	-0.03754	-0.00945	-0.02046	0.01207	-0.02239	-0.02763	-0.0031
-0.03735	0.003877	0.01877	-0.01082	-0.02485	-0.03927	0.021149	-0.01282	-0.02586	0.008655
-0.05282	-0.00338	-0.00986	-0.015	-0.04272	-0.04722	0.017374	-9.54E-04	0.027672	0.029298
-0.02276	-0.0121	-0.03318	-0.03565	-0.00297	-0.01437	0.018668	-0.02569	0.010364	-0.02105
-0.01751	-0.01027	-0.0096	-0.0269	0.035394	0.001157	-4.30E-04	-0.04764	-0.03328	-0.04847
-0.05056	-0.04608	0.026996	0.02838	0.026144	-0.02354	-7.84E-04	-0.0067	-0.00916	-0.00677
-0.03374	-0.0217	0.022803	0.035477	-7.54E-04	-0.03808	0.022387	0.031411	-0.00666	-2.96E-04
-0.01037	-0.00577	-0.0299	-0.01875	-0.03389	-0.04738	0.01111	0.001695	0.00298	-0.01577
-0.04139	-0.01227	-0.03059	-0.03153	-0.01851	-0.02293	0.024377	-0.0095	0.013396	-0.00913
-0.06363	0.020221	-0.01085	-0.00169	0.015965	-0.0156	0.044857	-0.00442	-0.00292	-0.00458
-0.03779	0.034864	0.026088	0.042325	0.029389	9.48E-04	0.030872	-0.03484	-0.00409	0.017929
-0.0208	0.026187	-9.98E-04	0.026099	0.010172	0.015542	0.00964	-0.02757	-6.00E-05	0.020309
-0.03729	-0.00325	-0.05732	0.001666	-0.00784	0.017732	0.015783	-0.00464	0.009027	-0.00604
-0.03411	-0.00559	-0.05374	-0.00594	-0.01171	0.010419	-0.02505	-0.04777	-0.00871	-0.02439
-0.02067	0.009537	-0.08617	-0.05932	-0.02162	-0.02807	-0.03841	-0.05643	-0.00382	-0.03956
0.016181	0.034597	-0.06467	-0.03848	-0.0205	-0.02858	0.00829	-0.00323	0.040767	-0.00342
0.021318	0.017697	-0.03026	-0.00987	-0.01777	-0.00239	0.031374	0.002701	0.012623	-0.01096
-0.03223	-0.01013	-0.05044	-0.02737	-0.0386	0.006384	0.003681	-0.02665	-0.03154	-0.03853
-0.0346	0.003712	-0.04281	0.004258	-0.04364	-0.01771	-0.02594	-0.05932	-0.00521	0.006866
0.007592	0.042956	-0.05256	0.03087	-0.01544	-0.00864	-0.0073	-0.04667	0.025232	0.015377
0.033031	0.01888	-0.06442	-0.01474	-0.0378	0.006972	0.021589	0.00296	0.038096	0.010917
0.023697	-0.01119	-0.04302	-0.02646	-0.03112	0.008873	0.012468	0.020398	0.026976	-0.01342
0.023152	0.005373	-0.03265	0.035603	0.028528	0.032634	-0.01464	-0.01379	-0.02556	-0.05524
0.025267	0.030011	-0.01574	0.051278	0.006199	-0.00485	-0.01724	-0.01933	-0.03771	-0.05073
-0.01368	-0.00643	-0.01497	0.01468	-0.03892	-0.01815	0.013149	0.017666	-0.00557	-0.04043
-0.01817	-0.04796	-0.0354	-0.03797	-0.03402	0.005633	-8.32E-04	-0.00727	0.043174	-0.02767
-0.01624	-0.04533	-0.0383	-0.02441	-0.01738	0.017029	-0.04593	-0.03472	0.022553	-0.00331
-0.0204	-0.05337	-0.01404	0.017248	-0.01591	0.040634	-0.02062	-0.01997	-0.01613	0.012304
-0.00738	-0.02043	0.013484	0.035928	-3.03E-05	0.025477	0.002382	-0.01589	0.005653	0.010517
-0.02006	3.26E-04	0.023704	0.038044	-0.00646	0.020152	0.002901	-0.00885	0.03733	0.002443
-0.02545	-0.03668	-0.03079	-0.02116	-0.01831	0.028422	0.015231	0.007369	0.014746	-0.00179
-0.0218	-0.04338	-0.06781	-0.02465	-0.01299	0.021672	-0.01432	0.012786	-0.02698	1.59E-04
-0.00532	-0.00721	-0.02227	-0.01529	-0.03995	0.007185	-0.02151	-0.00387	-0.0112	0.008174
0.004941	0.034402	0.005442	-0.00772	-0.04092	-0.00634	-0.01421	0.007681	0.014318	0.002804
-0.02801	-2.33E-04	-0.02058	0.01685	-0.02942	0.001933	-0.00205	0.022823	0.0322	-0.01031
-0.0096	-0.0265	-0.04976	-0.02484	-0.01798	0.035261	-0.04135	-0.02818	0.00525	-0.03974
0.010277	-0.00479	-0.03972	-0.03338	-0.01195	0.022671	-0.07469	-0.05509	-0.03776	-0.03118
0.007133	0.025054	-0.01573	-0.01455	-0.04431	-0.03613	-0.05924	-0.0383	-0.01279	0.001023
-0.01967	-0.00574	0.002127	-0.01079	-0.06822	-0.02352	-0.04955	-0.06246	0.008831	0.005102
-0.03579	-0.05725	-0.00361	-0.02145	-0.07196	0.018403	-0.03556	-0.07402	-0.00597	-0.00508
0.003052	-0.0461	-0.04152	-0.0246	-0.06293	0.017548	-0.02756	-0.03797	-0.02339	-0.02209
0.00328	-0.00572	-0.04089	-0.01746	-0.036	0.018605	-0.02795	-0.01987	-0.00818	-0.02405
-0.02426	0.020152	-0.00498	0.007288	-0.0124	-4.37E-04	-0.03038	-0.02388	0.027655	-0.00694
-0.02149	0.016124	0.004345	0.01511	-0.02114	0.009481	-0.02798	-0.0033	0.02257	1.43E-04
0.001835	-0.01175	-0.0113	0.007862	0.003025	0.050173	-0.00713	0.012654	-0.00302	-0.02878

0.011319	-0.01072	-0.03376	0.002701	0.016433	0.044646	-0.01136	0.021159	-0.03132	-0.03908
0.012197	0.020756	-0.01344	0.025253	0.030511	0.023452	-0.04603	-0.00967	-0.03242	-0.02314
0.024738	0.038496	0.029468	0.03703	0.013017	0.015792	-0.04318	-0.00571	0.014499	-0.02403
0.034042	0.018674	0.022215	-0.00428	-0.05056	0.01436	-0.01366	0.005176	0.02096	-0.03526
0.005757	-0.02123	-0.01549	-0.05054	-0.05409	0.017598	-0.00819	0.006877	0.015242	-0.02156
-0.02784	-0.03852	-0.04035	-0.02374	-0.00222	0.030005	-0.01724	0.028541	0.015522	0.021145
-0.00415	-0.0245	-0.02885	0.005501	0.003528	0.010518	-0.03243	-0.00351	0.035181	0.051998
0.008217	4.57E-04	-0.00981	0.013839	-0.02337	0.003698	-0.03452	-0.03049	0.04735	0.051961
0.01934	0.009537	0.01752	0.008539	-0.0222	0.010057	-0.02739	0.00223	0.027893	0.003311
0.029512	-0.01014	-0.00896	-0.02896	-0.03709	0.010452	-0.02688	0.031723	0.027978	-0.02015
0.009798	0.004492	-0.02991	-0.01578	-0.02188	0.023112	-0.02484	0.023248	0.048169	0.006536
-0.00364	0.029008	-5.23E-04	0.030335	0.016567	0.035802	-0.01041	2.23E-04	0.025367	0.0068
0.004729	0.031705	0.033602	0.022568	-0.00878	0.030885	0.011292	-0.00193	0.001377	0.005843
0.043889	0.010884	0.023115	0.030531	-0.00845	0.01842	0.012817	0.024732	0.014318	0.035626
0.055043	-0.02319	-0.02947	0.05842	0.037883	0.035523	-0.02668	-0.00158	-0.01816	0.052126
0.040759	-0.01322	-0.03894	0.043976	0.039573	0.04404	-0.03706	-0.02304	-0.02211	0.049858
0.015612	0.032555	0.005908	0.03103	0.004292	0.047329	0.022777	0.036998	0.042101	0.021589
0.033484	0.003894	0.015012	-0.00355	-0.01922	0.030264	0.055333	0.041733	0.037522	0.00161
0.057081	-0.03591	-0.02838	-0.03882	-0.00855	0.023519	0.006847	0.029334	-0.02195	0.004542
0.044335	-0.01106	-0.00859	0.01917	0.041271	0.044361	-0.01795	-0.00165	-0.04911	0.02325
0.056401	0.028551	0.01699	0.054411	0.01655	0.032946	-0.02249	-0.01158	-0.00167	0.030483
0.058999	0.039953	0.014859	0.013994	-0.02214	0.03486	-0.02136	0.021261	0.043068	0.005678
0.049874	0.022535	0.008296	-0.0153	-0.02183	0.027718	-0.00824	0.027182	0.025875	0.009202
0.065853	-0.00279	-0.00309	0.006292	-0.0171	-0.00164	-0.00656	0.002408	-0.0054	0.022513
0.066831	0.013691	0.030207	0.04689	0.016852	0.013645	-0.01878	2.56E-04	-0.01108	0.019423
0.042695	0.06019	0.044913	0.03966	0.010106	0.053364	-0.00148	0.027594	-0.03529	-0.01235
0.056089	0.050554	0.016938	-0.03058	-0.09328	0.058414	0.003128	0.038617	-0.01971	-0.01066
0.067829	0.01112	-0.01799	-0.04871	-0.06216	0.057918	0.010349	0.025673	0.008897	0.044509
0.043247	-0.00499	-0.01143	-0.00747	0.025357	0.038554	0.007601	0.006009	-0.00779	0.069183
0.047006	-0.0031	0.036898	0.037844	0.037058	0.017984	-0.00958	0.014602	-0.00521	0.062408
0.02561	0.00406	0.064058	0.066107	0.04104	0.048281	0.028989	0.027096	-0.00458	0.04713
-0.00102	-1.02E-04	0.058082	0.025253	0.024045	0.077877	0.070104	0.03927	0.02432	0.032933
-0.00496	0.010614	0.027976	-0.02886	0.026846	0.082541	0.075519	0.046915	0.031016	0.011936
0.029857	0.021239	0.042551	-0.01647	0.031636	0.030782	0.064344	0.026546	0.012049	-0.01047
0.077055	0.026327	0.046519	-0.00933	0.027446	0.021706	0.039615	0.041697	0.03318	0.041349
0.073123	0.031475	0.035612	-0.02123	0.058692	0.070622	0.048393	0.059704	0.034214	0.082254
0.046233	0.044793	0.040652	-0.00949	0.065906	0.070452	0.071375	0.065331	0.021764	0.092075
0.012928	0.032413	0.03538	0.001366	0.062265	0.032235	0.065168	0.026118	0.044991	0.114437
0.009715	0.045577	0.073042	0.019726	0.043419	-0.00966	0.028111	0.023555	0.075429	0.125717
0.070591	0.070471	0.066081	6.00E-04	0.051052	-0.00394	0.030145	0.03465	0.069232	0.068554
0.075535	0.065071	0.00766	-0.0141	0.09292	0.05473	0.066256	0.044566	0.002194	0.030762
-7.81E-04	0.042013	0.022786	0.003454	0.093558	0.072045	0.077827	0.058041	0.008522	0.047021
0.015796	0.073673	0.071858	0.047779	0.071168	0.050191	0.062572	0.035489	0.076797	0.073362
0.099003	0.106141	0.080907	0.049972	0.0654	0.024233	0.064232	0.039429	0.099834	0.063611
0.074385	0.085801	0.057219	0.026523	0.046187	-0.01353	0.066087	0.053856	0.067347	0.046044
0.042517	0.047939	0.014434	0.03837	0.065419	0.029626	0.08685	0.038071	0.044603	0.057887
0.020371	0.029394	0.025983	0.065798	0.086582	0.061518	0.085729	-0.0187	0.059944	0.075369

3.31E-04	0.069428	0.073723	0.090244	0.055129	0.028027	0.085945	0.010416	0.078227	0.047493
0.021115	0.095606	0.074034	0.052739	0.094238	0.040193	0.106982	0.041413	0.081465	0.036368
0.016147	0.086142	0.023253	0.021642	0.120767	0.056193	0.075327	0.009888	0.07363	0.083218
0.024209	0.063184	0.028186	0.049991	0.093459	0.030782	0.056745	0.004686	0.073196	0.087952
0.025439	0.06326	0.051744	0.069622	0.04028	0.02705	0.073509	0.056108	0.105287	0.088132
0.029356	0.098732	0.03291	0.058401	0.031255	0.007692	0.072612	0.051396	0.111035	0.062426
0.0585	0.119225	0.044148	0.067715	0.072384	0.033711	0.084748	0.038529	0.086204	0.016372
0.083342	0.079636	0.054995	0.061261	0.095842	0.130098	0.122627	0.046215	0.073196	0.023473
0.050634	0.045851	0.049713	0.047704	0.052977	0.115476	0.095301	0.052579	0.076359	0.054923
0.041113	0.052553	0.042515	0.05242	0.025614	0.058727	0.044017	0.058668	0.063897	0.066843
0.066718	0.058626	0.033407	0.06661	0.019186	0.064308	0.055022	0.075081	0.078112	0.056421
0.097547	0.044465	0.058458	0.0918	0.063382	0.104511	0.081604	0.080136	0.114508	0.065972
0.109317	0.047957	0.092623	0.085344	0.099898	0.122288	0.050778	0.063441	0.106263	0.081998
0.13792	0.110975	0.112852	0.069485	0.098947	0.132471	0.056433	0.068513	0.106121	0.111
0.134191	0.096406	0.075029	0.082724	0.075057	0.13644	0.087204	0.102577	0.078398	0.079178
0.104756	0.031599	0.031742	0.085021	0.0504	0.117011	0.072631	0.091639	0.053205	0.028707
0.102258	0.036614	0.057951	0.086883	0.089818	0.092222	0.048231	0.10401	0.049919	0.054646
0.084673	0.064823	0.086545	0.080779	0.093059	0.030488	0.042414	0.11183	0.032784	0.071095
0.081528	0.058795	0.085264	0.013017	0.044882	0.012981	0.06114	0.116405	0.064082	0.075002
0.106051	0.05072	0.069094	3.68E-04	0.085168	0.059502	0.078483	0.054715	0.045045	0.072573
0.062692	0.03298	0.07002	0.039624	0.098744	0.083827	0.04778	0.0248	-0.00548	0.035255
-0.00678	0.035132	0.086645	0.041776	0.087566	0.043381	-2.85E-04	0.090624	0.042294	0.062276
0.047599	0.078531	0.069499	0.004778	0.053906	0.009185	0.015415	0.111058	0.099574	0.099538
0.109525	0.018914	0.065068	-0.00118	0.034643	0.015642	0.063317	0.076349	0.060878	0.067945
0.051088	-0.02895	0.091729	0.045818	0.097997	0.02575	0.070825	0.058077	0.031736	0.062257
0.039644	0.044028	0.107369	0.067618	0.135237	0.070831	0.057775	0.077755	0.05085	0.089989
0.100444	0.105701	0.071025	0.046224	0.092501	0.066384	0.085886	0.102699	0.080735	0.095
0.115756	0.103797	0.028186	0.019657	0.045096	0.068206	0.109402	0.07556	0.081812	0.081527
0.081392	0.062368	0.046592	0.032352	0.092441	0.083359	0.091662	0.021143	0.028387	0.031969
0.013343	0.051812	0.092013	0.063927	0.119069	0.052873	0.040906	-0.01504	0.002547	0.065915
-0.03641	0.048159	0.078578	0.077829	0.088651	0.014676	-0.0035	0.009129	0.041978	0.110916
-0.03258	0.04884	0.023964	0.041593	0.027463	0.039364	0.028782	0.033149	0.07105	0.106404
0.024362	0.083763	0.038601	0.03314	0.02277	0.060148	0.082598	0.023453	0.07135	0.048092
0.044836	0.064193	0.099696	0.087817	0.048757	0.071342	0.091343	0.008849	0.051119	0.03628
0.048338	0.038442	0.099303	0.112603	0.075631	0.088024	0.102447	0.035997	0.055971	0.086401
0.048338	0.043682	0.04694	0.087167	0.051106	0.087728	0.107849	0.067136	0.055554	0.063291
0.042179	0.049208	0.007643	0.02776	-0.00169	0.079168	0.086909	0.065801	0.054848	-0.01064
0.022846	0.05486	-0.0012	0.011139	-0.02643	0.043915	0.013964	0.032575	0.060383	-0.0046
0.014476	0.052516	0.014706	0.04216	0.008181	0.016544	-0.01332	-0.00547	0.067459	0.050424
0.021878	0.054003	0.027591	0.040753	0.004552	0.048407	0.030128	0.003481	0.06841	0.038869
0.036299	0.028709	0.008899	0.010475	-0.00367	0.052237	0.032624	0.013602	0.047244	-0.01596
0.01064	-0.00781	-0.02403	0.024989	0.026914	0.031197	-0.01829	0.025005	-0.00381	-0.00865
0.021657	0.022535	9.24E-04	0.068026	0.04358	0.036379	-0.00245	0.038953	-0.01806	0.005118
0.036895	0.051108	0.036701	0.049488	0.00491	0.048839	-0.00458	0.036331	0.017046	-0.00429
0.027238	0.009336	0.038529	-0.00129	-0.00585	0.078262	0.002236	0.050834	0.037591	-0.00574
0.019661	-0.02162	0.016955	-0.00141	0.011758	0.060444	-0.0073	0.043691	0.032612	-0.00572
-0.01708	-0.01997	0.014061	0.034973	0.023602	0.010996	-0.02777	0.026907	0.00306	3.87E-04

0.017321	0.016227	0.028204	0.044565	-0.0027	0.014343	-0.01506	0.021923	-0.01245	0.004641
0.056162	0.019963	0.024277	-0.00756	-0.03241	0.032582	0.01025	0.029438	0.004138	-0.00494
0.035773	-0.02525	-0.01311	-0.04904	0.004699	0.048011	0.0058	0.026032	0.008929	0.002198
0.01341	-0.03508	-0.01837	-0.04209	0.008937	0.033763	-0.01601	0.022942	-0.01136	0.021213
0.021522	-6.44E-04	0.039517	0.007288	0.018328	0.019025	-0.0207	0.034684	-0.01127	0.011418
0.032353	0.036167	0.083349	0.032854	0.026966	0.023723	-0.02394	0.043281	-0.03237	0.018472
0.015997	0.040946	0.064763	-0.01828	0.001422	0.038097	0.003778	0.054971	-0.00447	0.013863
0.016382	0.008128	0.010377	-0.02307	1.47E-04	0.026041	0.023406	0.069553	0.02987	0.037856
0.001139	-0.03815	0.002226	-0.00957	0.009743	-0.01001	6.97E-05	0.026358	0.032131	0.077795
0.029598	-0.0527	0.003947	-0.01016	1.31E-04	-0.00649	-0.0276	0.01126	-9.04E-04	0.05402
0.058555	-0.02085	0.001863	-0.05587	-0.00109	0.010683	-0.01733	0.031116	-0.01277	0.012907
0.044175	0.00858	0.031989	-0.0477	0.012868	0.027735	0.019173	0.062732	0.003671	0.013544
0.03119	-0.0125	0.037991	0.005131	0.012188	0.033885	0.039897	0.035017	0.010282	0.022513
0.040298	-0.02263	0.03093	-0.01598	0.020214	0.002596	0.00175	0.014452	0.025756	0.046406
0.040954	0.012488	0.043967	-0.0145	0.006085	-0.00191	5.21E-04	0.045927	0.028115	0.064629
0.024499	0.055047	0.076222	0.018598	0.030995	0.019479	0.046433	0.058724	0.024438	0.026402
0.005692	0.003728	-0.01334	5.67E-04	0.086287	0.044717	0.068553	0.047239	0.007889	0.048401
0.021285	-0.02563	-0.03361	0.005383	0.068105	0.015792	0.061159	0.039341	0.037852	0.105241
0.04273	0.032927	0.039176	-0.01221	0.021211	-0.0071	0.061437	0.040456	0.03318	0.072323
0.036685	0.048068	0.073353	-0.00415	0.034992	0.02587	0.059603	0.025861	-0.01086	0.027371
0.046018	0.035274	0.036362	0.03837	0.073451	0.037676	0.056048	0.038829	-0.00578	0.046351
0.004566	0.017628	0.013179	0.049786	0.057385	-0.00952	0.043179	0.017112	0.006122	0.077658
-0.0073	0.001363	0.039212	0.031941	0.01518	-0.02992	0.01919	0.026787	-0.0074	0.085034
0.053745	0.035203	0.051966	-0.00446	0.031688	0.006857	0.045626	0.056218	0.012377	0.056439
0.076516	0.073245	0.038439	0.004526	0.065568	0.035715	0.066275	0.046448	0.018324	0.044942
0.024977	0.047921	-0.00105	0.012231	0.061726	0.043062	0.037799	-0.0024	0.011771	0.088132
-0.01973	0.027691	0.007008	0.028008	0.063009	0.033676	0.009376	-5.10E-05	0.023949	0.08867
0.003036	0.043028	3.97E-04	-0.01619	-4.01E-04	-0.04059	0.049187	0.086627	0.07655	0.059619
0.036597	0.069679	-0.01239	-0.03342	-0.02212	-0.07189	0.089556	0.10983	0.095084	0.063404
0.038761	0.052572	-0.01617	0.023444	0.031341	-0.02274	0.065862	0.01671	0.047084	0.05594
0.039344	0.020583	0.001451	0.043278	0.070391	0.044022	0.030803	-0.02786	0.032732	0.042926
-0.00881	0.03846	0.037542	0.052682	0.04237	0.027444	0.021149	0.006435	0.03977	0.035979
-0.05752	0.063717	0.023184	0.021276	0.057918	0.00761	0.043732	0.012039	0.023512	0.001398
-0.03797	0.044265	-0.00992	0.01787	0.080471	0.005258	0.026943	-0.03017	-3.47E-04	0.012756
0.005741	0.032201	-0.00126	0.049041	0.086405	0.028233	0.040481	-0.04959	0.008392	0.003902
-0.00549	0.026397	0.042207	0.064466	0.045579	0.036414	0.072727	0.001209	0.033076	-0.00273
0.00615	0.042629	0.064973	0.064312	0.007246	0.00547	0.043429	0.043709	0.059468	0.00553
0.024482	0.047554	0.003152	0.014543	0.007853	-0.01726	-4.32E-05	0.026478	0.050187	-0.03004
0.024977	0.035132	-0.10144	-0.04222	0.0226	0.008085	0.01818	-0.0016	0.050294	-0.01758
-0.02278	0.006139	-0.09356	-0.01692	0.015815	-0.0017	0.059603	-0.018	0.07541	0.03736
-0.03668	0.013522	-0.05797	0.01723	0.009068	-0.0055	0.042166	0.032436	0.084787	0.058538
0.012895	0.042158	-0.01103	0.027583	0.018395	-0.01538	0.041935	0.070217	0.056915	5.18E-04
0.016482	0.04223	-0.00704	0.041776	0.016467	-5.17E-04	0.070047	0.056145	-0.00382	-0.03861
0.008891	0.015136	-0.04455	0.024919	0.005775	0.019411	0.059288	8.37E-04	-0.00252	0.003049
-0.01827	0.016466	-0.02423	8.17E-04	-0.02698	0.026109	0.017542	-0.02095	0.025536	0.044888
-0.04028	0.053891	0.031212	9.50E-04	-0.04039	-0.00747	0.008471	0.022466	0.047937	0.002902
-0.0369	0.034313	-0.0189	-0.00355	-0.02716	-0.0149	-0.01492	0.022585	0.015903	-0.04134

-0.03978	-0.0404	-0.09862	-0.01585	-0.0366	-0.01749	-0.01656	0.010152	0.010674	-0.00747
-0.03094	-0.05439	-0.07029	-0.01233	-0.02053	0.007152	0.005571	0.005388	0.069775	0.033354
-0.04307	-0.05159	-0.05784	-0.0424	-0.01897	0.020641	-0.02853	-0.02437	0.053277	0.018879
-0.05109	-0.06612	-0.07797	-0.05897	-0.04809	-0.00596	-0.02626	-0.01178	-0.00609	-0.04616
-0.05189	-0.04676	-0.07547	-0.03415	-0.05793	-0.00952	-0.01892	0.012122	-0.03763	-0.06522
-0.03673	-0.07899	-0.08259	-0.00512	-0.04936	-0.00764	-0.03561	-0.01872	-0.02565	-0.05105
-0.05554	-0.09246	-0.0759	-0.01542	-0.02903	0.004754	-0.04844	-0.02883	-0.00686	-0.06009
-0.05694	-0.06296	-0.06685	-0.06314	-0.04861	-0.01569	-0.04493	-0.01446	0.027859	-0.00986
-0.06987	-0.05729	-0.07779	-0.09929	-0.09155	-0.02518	-0.0629	-0.02895	-0.01678	-0.01892
-0.08254	-0.07378	-0.08093	-0.08154	-0.08656	-0.02576	-0.06642	-0.05922	-0.07606	-0.04822
-0.06835	-0.10319	-0.08986	-0.06523	-0.0801	-0.03257	-0.05308	-0.04494	-0.06665	-0.03514
-0.075	-0.10931	-0.08185	-0.06961	-0.09011	-0.06206	-0.07861	-0.0338	-0.05109	-0.06299
-0.07327	-0.10339	-0.06222	-0.0978	-0.09176	-0.0891	-0.09007	-0.05288	-0.08713	-0.06546
-0.03736	-0.08911	-0.06222	-0.07533	-0.0843	-0.05287	-0.07341	-0.0601	-0.08808	-0.06194
-0.02137	-0.08075	-0.06939	-0.03476	-0.07128	-0.01937	-0.08125	-0.05617	-0.06946	-0.07418
-0.05388	-0.09179	-0.097	-0.06182	-0.08336	-0.04774	-0.09824	-0.05062	-0.04053	-0.06974
-0.08401	-0.10948	-0.12444	-0.12345	-0.11585	-0.08014	-0.10915	-0.06664	-0.04121	-0.08335
-0.10241	-0.11781	-0.13875	-0.11436	-0.10787	-0.09003	-0.12614	-0.07656	-0.07983	-0.07521
-0.07011	-0.10538	-0.13156	-0.07448	-0.09629	-0.07389	-0.13965	-0.11614	-0.09681	-0.07414
-0.06577	-0.10368	-0.11328	-0.09483	-0.10394	-0.07266	-0.13322	-0.10339	-0.09972	-0.07746
-0.09023	-0.08592	-0.07949	-0.10615	-0.09203	-0.10386	-0.11688	-0.07798	-0.08811	-0.05771
-0.05295	-0.06282	-0.06188	-0.10556	-0.09577	-0.1009	-0.11259	-0.07237	-0.07849	-0.04989
-0.03949	-0.06292	-0.07174	-0.10109	-0.10155	-0.06395	-0.09326	-0.09192	-0.1093	-0.08603
-0.02865	-0.07055	-0.06652	-0.07925	-0.0888	-0.0503	-0.08891	-0.09949	-0.10536	-0.07946
-0.02259	-0.08143	-0.06589	-0.04797	-0.05835	-0.04272	-0.05794	-0.05665	-0.10489	-0.0674
-0.02999	-0.06134	-0.06414	-0.08279	-0.05209	-0.08486	-0.07663	-0.05814	-0.10854	-0.06833
-0.02863	-0.0431	-0.06328	-0.11429	-0.06575	-0.1173	-0.13037	-0.07501	-0.09837	-0.06852
-0.01571	-0.01838	-0.03634	-0.0727	-0.03671	-0.06497	-0.10239	-0.07618	-0.0901	-0.08868
-0.00847	-0.01785	-0.00931	-0.05178	-0.03241	-0.02187	-0.0884	-0.0854	-0.09409	-0.07963
-0.0432	-0.05064	-0.00624	-0.05147	-0.02215	-0.01086	-0.07084	-0.0575	-0.08472	-0.06811
-0.0021	-0.02414	0.003268	-0.06766	-0.02942	-0.03209	-0.04347	-0.02836	-0.05847	-0.04777
0.049982	-0.00102	0.016307	-0.08624	-0.04162	-0.0366	-0.04293	-0.04901	-0.06937	-0.07625
0.064092	-0.00624	0.015949	-0.09085	-0.01385	-0.00358	-0.02933	-0.05585	-0.07793	-0.0861
0.036931	0.003132	0.008045	-0.0669	0.009118	-0.00778	-0.05363	-0.04358	-0.06052	-0.04916
0.008661	0.026606	0.011523	-0.04871	-1.91E-04	-0.05133	-0.06584	-0.02748	-0.02098	-0.02537
-0.00401	0.006056	-0.00108	-0.03921	-0.02315	-0.03519	-0.01128	0.004898	-0.00275	-0.02082
-0.01346	-0.03031	0.006975	0.003956	-0.00214	-0.01617	0.013116	-0.00983	-0.04398	-0.0447
0.022099	-0.01589	0.039445	0.035711	0.024556	-0.0223	-0.02686	-0.02662	-0.05089	-0.02003
0.012512	0.008983	0.039086	0.022516	0.032069	-0.02704	-0.01542	0.014218	-0.01001	0.01644
-0.03769	0.014285	0.004943	-0.02673	0.034696	-1.15E-04	0.027716	0.050906	0.026688	0.006156
-0.02712	0.020997	-0.0189	-0.02858	0.030425	-0.02265	0.049476	0.024852	0.026162	-0.00286
-0.00415	-0.02909	-0.01194	-0.0053	0.020585	-0.09354	0.015599	-0.01344	0.018557	0.023989
0.007445	-0.02305	0.006424	-0.03714	0.032972	-0.05764	0.002576	-0.03685	0.031222	0.056884
-0.0212	-0.01234	-0.00743	-0.06526	0.04081	-0.03654	0.00806	-0.02304	0.013412	0.034269
-0.02134	0.01193	-0.02163	-0.04624	0.015347	-0.0412	0.004788	0.016257	0.008864	0.008655
0.019391	0.046601	-0.00872	-0.03728	-8.99E-04	-0.0485	0.009508	-0.0103	0.021011	0.012823
0.004794	0.041344	7.43E-04	-0.02865	0.036812	-0.03135	0.010349	-0.0213	0.013643	-0.01891

-0.00903	0.038712	0.005775	0.001883	0.069464	0.015492	0.043696	9.51E-04	0.022755	-0.00616
-0.00506	0.034152	0.010512	0.022726	0.032885	0.009185	0.057536	0.027938	0.051657	0.03346
0.01165	0.036292	-0.00317	0.021258	-0.01552	-0.01554	0.059344	0.028713	0.071125	-0.01413
0.020371	0.047242	-6.87E-04	0.027442	-0.01371	0.011674	0.035256	-0.02883	0.041205	-0.03889
0.009996	0.074063	0.012165	0.043058	0.005709	0.003909	-3.98E-04	-0.06143	0.031136	0.001757
0.048825	0.073362	0.024173	0.047427	0.001583	0.014659	0.001459	-0.05604	0.053439	0.023319
0.053161	0.051941	0.040526	0.050363	0.022973	0.062501	0.051976	0.00969	0.079546	0.001839
0.039892	0.018399	0.00221	0.041246	0.029165	0.0503	0.043803	0.027869	0.06731	-0.00638
0.028649	0.008648	-0.04284	0.011411	-0.02902	9.80E-04	-0.01919	-0.00633	0.010217	-0.00828
0.039149	0.022449	-0.03685	-0.00134	-0.02511	-0.00321	-0.01586	-0.00173	0.01688	-0.00357
0.069038	0.031617	0.001434	0.016522	-0.00582	0.057734	0.054162	0.042373	0.048383	-0.00291
0.068641	2.60E-04	0.012418	-0.0299	-0.03072	0.07475	0.08252	0.055228	0.018025	-0.01096
0.040316	-0.04092	-0.01803	-0.02841	0.004308	0.061055	0.027698	0.034108	-0.01924	-0.01074
0.0438	-0.02182	-0.00681	0.043664	0.064296	0.063283	0.014247	0.027439	-0.02277	-0.01815
0.044478	0.021999	0.041519	0.073126	0.041342	0.064009	0.022166	0.042017	0.00724	0.004575
0.042659	0.002238	0.075987	0.046335	-0.00565	0.06879	0.012368	0.057506	0.063639	0.020121
0.049729	-0.01623	0.06921	0.035171	0.009002	0.072615	0.002252	0.061429	0.059687	0.043178
0.021607	-0.00403	0.083468	0.036957	0.053887	0.050354	-0.00367	0.024886	0.019224	0.060478
0.005169	0.030275	0.096648	0.013514	0.038234	0.026126	-0.00294	0.007928	0.024776	0.0701
0.054659	0.05085	0.076241	0.002968	0.024828	0.02789	-0.0107	0.051942	0.038548	0.051998
0.042197	0.017543	0.038206	-0.00313	0.060021	0.072938	0.023015	0.075849	0.020442	2.93E-05
0.021285	0.014014	0.036576	0.015971	0.06383	0.054493	0.039544	0.069156	0.009907	-0.0107
0.010095	-3.62E-05	0.059682	0.01685	0.021854	0.009448	0.003486	0.044727	0.031462	0.04713
-0.0227	-0.01665	0.025652	-0.01832	0.019017	0.037571	-0.00441	0.042515	0.022856	0.062145
0.01717	0.018983	-0.00868	-0.01939	0.060206	0.082405	0.049205	0.076156	-0.01331	0.034321
0.007149	0.041687	0.004494	-0.0181	0.063587	0.068865	0.07669	0.059593	-0.00757	0.057794
-0.04134	-0.01673	1.18E-04	-0.02704	0.036479	0.021063	0.045393	-0.01762	-0.0202	0.073747
-0.01109	-0.03963	0.005791	-0.01165	0.013964	-0.01362	0.022658	-0.01693	-0.00251	0.051632
0.047563	2.27E-04	0.016904	0.010645	0.036391	-0.02591	0.017307	0.02347	0.023764	0.033056
0.035808	0.043446	-0.01381	0.008607	0.049082	-0.01636	0.018079	0.031324	0.015176	0.043825
-0.00762	0.029993	-0.00644	0.016747	0.041856	0.010798	0.03942	0.030978	0.048312	0.044221
-0.00405	0.030575	-0.00309	0.027106	0.016166	0.008922	0.041207	0.04634	0.071125	0.00771
0.015612	0.049908	-0.01245	0.007626	0.003967	-0.01002	0.036482	0.063404	0.058755	-0.03873
0.022591	0.044592	-0.02071	0.018962	0.039097	0.020355	0.029368	0.013635	0.03165	-0.02112
0.022082	0.027411	-0.00957	0.064023	0.092441	0.055333	0.046684	-0.00434	0.059102	0.014737
-0.0191	0.004209	-0.00573	0.05804	0.053669	0.081026	0.018769	0.026615	0.102592	0.033635
-0.03512	0.033495	0.014774	0.008201	-0.01696	0.053892	-0.01432	0.041733	0.087353	0.023062
-0.01056	0.069891	0.041465	0.006545	-0.01654	0.046773	0.00852	0.051887	0.049847	0.027492
0.036036	0.037563	0.017999	0.061375	0.01518	0.040528	0.029075	0.049078	0.040417	0.007445
0.06514	0.006406	0.006274	0.074622	0.058895	0.051983	0.035834	0.068702	0.041732	-0.04199
0.037475	0.032342	0.021834	0.032102	0.053742	0.062817	0.036061	0.089671	0.083084	0.016845
0.06191	0.059172	0.049124	0.005148	8.08E-04	0.065953	0.039226	0.07998	0.046036	0.054683
0.101931	0.038352	0.05293	0.051821	0.021261	0.072311	0.002074	0.034702	-0.00452	-6.86E-04
0.081022	-0.00369	0.091486	0.127381	0.08609	0.062446	-0.01051	0.01002	0.028319	0.003328
0.04044	0.012793	0.116446	0.086012	0.086483	0.035209	0.027801	0.050344	0.020592	0.001986
0.060776	0.070742	0.075928	0.026399	0.075804	0.03156	0.067008	0.094478	0.005686	0.022427
0.100831	0.031687	0.022457	-0.03173	0.045221	0.07655	0.076883	0.084485	-0.01283	0.039581

0.094508	0.009218	0.043258	-0.02595	0.017354	0.085666	0.061567	0.073511	0.00677	0.052732
0.007231	0.041814	0.092888	0.029837	0.037637	0.047814	0.017273	0.066439	0.012771	0.0776
-0.03597	0.011255	0.053766	0.011889	0.070277	0.007807	0.016	0.076464	0.032492	0.069718
-0.00627	-0.02414	0.030137	0.003755	0.06675	0.022773	0.057923	0.071451	0.059285	0.097416
0.017455	-0.01972	0.039355	-0.03009	0.035516	0.044878	0.044624	0.034667	0.040907	0.095567
-0.00844	0.012759	0.04608	-0.0495	0.018412	0.028113	0.017609	0.027491	-0.01308	0.07762
-0.05289	0.002288	0.019938	-0.02634	0.045239	0.011988	0.040693	0.059907	-0.04618	0.021162
-0.02522	-0.00115	-0.04247	-0.0041	0.039662	0.001836	0.054802	0.063012	-0.03215	-0.00524
0.029166	0.027341	-0.01781	0.012094	0.032624	-0.00482	0.053961	0.012106	-0.00705	0.010484
-0.02305	0.013183	0.025809	-0.00993	0.03711	0.008774	0.025248	-0.02327	-0.04035	0.018574
-0.07133	4.57E-04	0.024034	0.011855	0.032173	0.003876	-0.00423	0.001744	-0.00769	0.056958
-0.05309	0.006206	-0.00791	0.020979	0.005465	-0.01834	0.013365	0.021278	0.044815	0.079608
-0.06715	1.28E-04	-0.03951	-0.01238	-0.02899	-0.04603	0.037975	0.016039	0.056679	0.040223
-0.06204	-0.0216	-0.08592	-0.03221	-0.01801	-0.03809	0.038715	0.008322	0.030298	-0.00592
-0.02429	-0.00842	-0.07646	-0.01823	0.026691	-0.03181	0.035536	0.011791	0.002194	0.007875
-0.02488	-0.0011	-0.00912	0.01288	0.020501	-0.0445	0.044982	0.016391	0.003607	0.005069
-0.03287	-0.03432	-0.03134	-0.01052	-0.01465	-3.08E-04	0.048789	0.008438	0.014103	-0.02667
-0.03172	-0.04744	-0.0649	-0.05278	-0.02652	0.040069	0.035239	0.009162	0.019307	-0.03893
-0.04413	-0.05025	-0.08536	-0.04461	-0.03299	0.014825	-0.02152	-0.02916	-0.00927	-0.03552
-0.04075	-0.03721	-0.07332	-0.02339	-0.05259	-0.03169	-0.04742	-0.04468	0.016151	-0.02124
-0.0254	-0.01006	-0.04846	-0.01807	-0.03897	-0.026	-0.05504	-0.05525	0.03867	-0.0174
-0.0134	-0.04815	-0.04466	-0.05108	-0.07365	-0.04371	-0.05616	-0.05119	0.007872	-0.0334
-0.01558	-0.07227	-0.05036	-0.06007	-0.09645	-0.04761	-0.05813	-0.02915	-0.02902	-0.02434
-0.01714	-0.05899	-0.04625	-0.03766	-0.07899	-0.0412	-0.07522	-0.06332	-0.05777	-0.02605
-0.00633	-0.0364	-0.02243	-0.02267	-0.08009	-0.04122	-0.06826	-0.0496	-0.06055	-0.06244
-0.0089	-0.02512	-0.0135	-0.03566	-0.05629	-0.01114	-0.04401	-0.02322	-0.0304	-0.06621
-0.00692	-0.03597	-0.0117	-0.03272	-0.02887	0.007168	-0.08724	-0.03097	-0.02237	-0.02907
0.01956	-0.02681	-0.01271	-0.04687	-0.00314	0.00838	-0.08128	-0.01549	-0.0438	-0.0304
0.061203	0.008866	-0.00242	-0.04753	0.014414	0.020068	-0.0404	-0.01056	-0.06479	-0.01719
0.058131	0.026711	0.031389	-0.02074	0.006772	0.019226	-0.02771	0.020144	-0.02476	0.010217
0.019054	0.011559	0.041971	-0.00969	0.0216	0.02669	0.019679	0.084407	0.022402	0.009635
0.066379	0.03369	0.069364	0.019222	0.051741	0.030178	0.027527	0.053034	0.015423	0.00897
0.159969	0.087447	0.12379	0.056941	0.082083	0.068997	0.031929	0.026649	0.00189	0.025297
0.21403	0.155838	0.151902	0.07185	0.120576	0.122566	0.050434	0.044084	-0.00475	0.050114
0.22733	0.20424	0.163261	0.080659	0.1296	0.145703	0.114639	0.073664	0.02662	0.059432
0.202049	0.192584	0.174605	0.154323	0.174646	0.136352	0.170336	0.133356	0.085407	0.10903
0.236021	0.223967	0.269869	0.269357	0.233044	0.12434	0.169454	0.156166	0.162989	0.192827
0.3462	0.335701	0.360626	0.303591	0.257057	0.187507	0.189861	0.201115	0.200362	0.210818
0.391241	0.394289	0.353226	0.257297	0.292436	0.293701	0.265803	0.230717	0.169371	0.20473
0.299471	0.325703	0.304686	0.268246	0.343703	0.335137	0.322073	0.235297	0.181528	0.258719
0.287204	0.299896	0.349794	0.353949	0.368194	0.302491	0.317059	0.227462	0.265223	0.307154
0.375524	0.375544	0.407127	0.387236	0.374139	0.342085	0.333076	0.298745	0.317001	0.310367
0.426727	0.440382	0.38905	0.347505	0.412288	0.425045	0.372134	0.365934	0.322964	0.321033
0.383136	0.398672	0.340231	0.273827	0.465961	0.463008	0.417367	0.381111	0.337148	0.362539
0.27854	0.264425	0.300367	0.302656	0.425644	0.350947	0.384618	0.392156	0.397787	0.382519
0.306243	0.233319	0.336721	0.381721	0.343987	0.235619	0.274877	0.367285	0.396117	0.355992
0.374758	0.308407	0.339692	0.327351	0.2852	0.266653	0.29336	0.374067	0.370189	0.343509

0.343345	0.34339	0.309249	0.239438	0.291773	0.338983	0.371868	0.376556	0.303162	0.344443
0.283469	0.291516	0.26079	0.217023	0.346985	0.376254	0.375068	0.336068	0.283028	0.371284
0.270646	0.20503	0.26211	0.30319	0.378237	0.309588	0.322411	0.305507	0.385451	0.403793
0.308502	0.226923	0.280739	0.342872	0.363147	0.26369	0.286788	0.323924	0.401509	0.369795
0.357627	0.32041	0.263283	0.271307	0.306658	0.327546	0.338174	0.37422	0.344065	0.341255
0.328417	0.308106	0.280018	0.186503	0.235531	0.344817	0.368089	0.318246	0.258318	0.35089
0.29563	0.276654	0.312341	0.223644	0.256243	0.279568	0.308807	0.187883	0.236311	0.341397
0.308076	0.242071	0.351083	0.34247	0.304997	0.218441	0.238381	0.213205	0.249364	0.307154
0.358105	0.282475	0.347192	0.333357	0.275402	0.208342	0.155994	0.303296	0.284653	0.283338
0.344414	0.314638	0.300826	0.201535	0.23506	0.270325	0.190361	0.294592	0.260898	0.249319
0.281923	0.261563	0.220271	0.136086	0.250354	0.292248	0.280038	0.243757	0.139323	0.210079
0.278907	0.231438	0.200303	0.213425	0.269341	0.201661	0.243661	0.214631	0.161853	0.242158
0.323055	0.239781	0.284075	0.267385	0.2697	0.218787	0.211957	0.221295	0.283579	0.301744
0.346666	0.308574	0.333487	0.219109	0.228932	0.256602	0.203272	0.284596	0.288633	0.272542
0.32945	0.295361	0.266306	0.189987	0.260095	0.291492	0.276763	0.296121	0.193312	0.216592
0.232177	0.199789	0.190844	0.256667	0.338193	0.251921	0.270857	0.247079	0.137153	0.2469
0.219478	0.167841	0.222514	0.350213	0.368608	0.215233	0.213879	0.236075	0.220156	0.294987
0.330036	0.24061	0.294793	0.316649	0.32363	0.263335	0.207151	0.279529	0.263904	0.290074
0.357076	0.331766	0.311331	0.171505	0.226211	0.324716	0.293233	0.32985	0.252661	0.253294
0.294421	0.275754	0.280864	0.194434	0.280812	0.311594	0.303618	0.299227	0.184493	0.232995
0.31362	0.232335	0.276184	0.307383	0.347093	0.264369	0.246581	0.260333	0.232862	0.288396
0.3327	0.245993	0.285595	0.339992	0.334907	0.274574	0.225483	0.280175	0.282814	0.299534
0.341075	0.337879	0.308814	0.285527	0.216053	0.285613	0.236209	0.308682	0.300797	0.300021
0.360393	0.344915	0.373206	0.239899	0.189142	0.317704	0.34312	0.364961	0.26894	0.244094
0.351133	0.285415	0.334657	0.225231	0.318939	0.323257	0.3444	0.340604	0.223131	0.28663
0.351242	0.247676	0.280237	0.256397	0.329886	0.29348	0.21991	0.312111	0.271167	0.352938
0.400189	0.284813	0.356574	0.365392	0.370683	0.346672	0.209417	0.318784	0.351738	0.346063
0.416421	0.40285	0.38397	0.335114	0.305974	0.412719	0.36341	0.380956	0.396832	0.372587
0.342067	0.227062	0.347886	0.238459	0.325876	0.405496	0.425107	0.436192	0.395998	0.344766
0.354696	0.23256	0.335759	0.332214	0.414751	0.379866	0.26515	0.390606	0.318492	0.370444
0.421799	0.378875	0.381827	0.421882	0.411872	0.376714	0.287507	0.371326	0.359733	0.415702
0.391559	0.450005	0.433814	0.376869	0.319711	0.407589	0.358303	0.373609	0.44382	0.443064
0.391281	0.41696	0.412913	0.318029	0.313202	0.433693	0.413298	0.437119	0.42095	0.371284
0.364892	0.277619	0.354191	0.320523	0.341151	0.415223	0.426827	0.42053	0.3709	0.335194
0.244295	0.252266	0.301188	0.333644	0.301823	0.332846	0.307397	0.386147	0.354435	0.379079
0.223346	0.30418	0.333204	0.355001	0.265257	0.319178	0.319239	0.286995	0.315383	0.322843
0.296651	0.289206	0.322855	0.261037	0.117969	0.27521	0.35213	0.284099	0.346041	0.312032
0.294484	0.203162	0.223805	0.202805	0.179076	0.30903	0.316256	0.29073	0.355121	0.253644
0.290467	0.26606	0.250783	0.210098	0.327209	0.317938	0.161548	0.187585	0.340802	0.286033
0.212343	0.291838	0.245807	0.263772	0.311879	0.312684	0.210541	0.203868	0.318957	0.313737
0.247164	0.292676	0.298729	0.256307	0.262388	0.246097	0.261189	0.234189	0.277344	0.279947
0.223994	0.2173	0.284645	0.238948	0.141662	0.172338	0.298811	0.312641	0.288478	0.288112
0.209799	0.166392	0.247024	0.230649	0.156165	0.234927	0.221813	0.18171	0.232808	0.212301
0.234718	0.212796	0.218991	0.194278	0.194251	0.23253	0.14077	0.084818	0.173203	0.131337
0.170758	0.205452	0.201634	0.177962	0.201799	0.202301	0.160683	0.155196	0.161946	0.189468
0.139074	0.164299	0.18886	0.152195	0.122686	0.10306	0.138901	0.160861	0.18635	0.211241
0.123898	0.070974	0.132529	0.107808	0.057385	0.118657	0.13939	0.155958	0.184883	0.193513

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

120	121	122	123	124	125	126	127	128	129
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.099566	0.049783	0.024892	0.012446	0.006223	0.003111	0	0	0	0
0.422804	0.454539	0.473897	0.508542	0.691545	0.957117	1.564291	0.190705	0.095352	0.047676
0.144939	0.134128	0.163998	0.200491	0.218717	0.245277	0.38141	0.464192	0.500845	0.689265
0.053251	-0.03238	0.010467	0.11072	0.095533	0.100129	0.162483	0.156317	0.16931	0.195223
-0.03245	-0.12037	-0.05617	0.031196	0.014564	0.061999	0.040635	0.056129	0.037111	0.005361
-0.09149	-0.10864	-0.05623	-0.08571	-0.05605	0.002482	-0.02232	0.020158	-0.03106	-0.08661
-0.08197	-0.08056	-0.06305	-0.11273	-0.04586	-0.07427	-0.05151	0.017024	-0.00351	-0.02525
-0.0792	-0.0856	-0.10164	-0.11991	-0.07676	-0.12186	-0.05484	-0.01766	0.040701	0.068657
-0.09548	-0.09181	-0.13576	-0.12085	-0.08515	-0.12372	-0.03485	-0.05644	0.017473	0.07291
-0.10912	-0.10502	-0.11818	-0.11268	-0.10803	-0.11484	-0.03045	-0.05434	-0.00697	0.041494
-0.12748	-0.14562	-0.08388	-0.10334	-0.11322	-0.10403	-0.04959	-0.03928	-0.05156	-0.05362
-0.11547	-0.14017	-0.12373	-0.11379	-0.06501	-0.08347	-0.1215	-0.05185	-0.06173	-0.12378
-0.09053	-0.11075	-0.13986	-0.14169	-0.06514	-0.08046	-0.13671	-0.07271	-0.05695	-0.11278
-0.10695	-0.14692	-0.14506	-0.13359	-0.10897	-0.09264	-0.14271	-0.09817	-0.09224	-0.10533
-0.14202	-0.14458	-0.16109	-0.12002	-0.10515	-0.09474	-0.14257	-0.11366	-0.11058	-0.11586
-0.16769	-0.13932	-0.14999	-0.14392	-0.1376	-0.13379	-0.11053	-0.13183	-0.17521	-0.13901
-0.1641	-0.15022	-0.11935	-0.14131	-0.12369	-0.13742	-0.12573	-0.14459	-0.15775	-0.13308
-0.13646	-0.16915	-0.11161	-0.13703	-0.13803	-0.13024	-0.14516	-0.14247	-0.1312	-0.13006
-0.1849	-0.19701	-0.14625	-0.17182	-0.15842	-0.15735	-0.17571	-0.16941	-0.17151	-0.14446
-0.17608	-0.17009	-0.17191	-0.17908	-0.17686	-0.21818	-0.18274	-0.17441	-0.18468	-0.14131
-0.14873	-0.14537	-0.17503	-0.1806	-0.1572	-0.18735	-0.16689	-0.14046	-0.15332	-0.11745
-0.13622	-0.15777	-0.17853	-0.18561	-0.1843	-0.19681	-0.19404	-0.12832	-0.11944	-0.1213
-0.14237	-0.16042	-0.17782	-0.20151	-0.18117	-0.16621	-0.15793	-0.13142	-0.1183	-0.147
-0.16801	-0.15859	-0.14708	-0.17688	-0.16208	-0.16234	-0.15077	-0.14555	-0.14868	-0.14682
-0.15572	-0.15828	-0.16097	-0.16368	-0.1652	-0.17755	-0.16222	-0.1568	-0.13824	-0.10336

-0.13764	-0.14805	-0.16598	-0.14881	-0.19061	-0.17759	-0.17901	-0.17953	-0.17039	-0.14411
-0.13874	-0.13742	-0.14626	-0.16079	-0.22099	-0.19585	-0.19574	-0.17084	-0.16056	-0.17117
-0.17908	-0.18045	-0.14996	-0.18562	-0.19521	-0.17245	-0.18976	-0.16116	-0.14154	-0.16615
-0.185	-0.20246	-0.18096	-0.18858	-0.17049	-0.17552	-0.17571	-0.1605	-0.16159	-0.15823
-0.1941	-0.19715	-0.19074	-0.17063	-0.16174	-0.19741	-0.16494	-0.17937	-0.18087	-0.15968
-0.17964	-0.19119	-0.20005	-0.14562	-0.15956	-0.2052	-0.17069	-0.17104	-0.1868	-0.15759
-0.17121	-0.17175	-0.18442	-0.16608	-0.16014	-0.18825	-0.15991	-0.1366	-0.16062	-0.15133
-0.17823	-0.16488	-0.16415	-0.19303	-0.16902	-0.17448	-0.15501	-0.13753	-0.15043	-0.13521
-0.15139	-0.19081	-0.18672	-0.2007	-0.16167	-0.16251	-0.14402	-0.16372	-0.16348	-0.15102
-0.15097	-0.19288	-0.18192	-0.16393	-0.14311	-0.15155	-0.14586	-0.18344	-0.164	-0.16069
-0.1556	-0.17099	-0.16081	-0.15509	-0.14771	-0.14167	-0.15641	-0.1509	-0.12538	-0.11961
-0.1398	-0.13779	-0.12418	-0.16284	-0.14879	-0.13769	-0.15119	-0.1086	-0.11517	-0.10337
-0.12524	-0.12812	-0.12888	-0.16332	-0.16779	-0.14764	-0.1331	-0.11813	-0.13116	-0.12297
-0.13784	-0.14857	-0.12231	-0.13379	-0.14233	-0.15894	-0.12453	-0.12433	-0.11922	-0.12747
-0.11958	-0.13296	-0.09985	-0.09416	-0.10491	-0.15108	-0.12226	-0.11621	-0.10519	-0.10934
-0.08633	-0.1072	-0.08105	-0.09103	-0.08589	-0.11372	-0.1171	-0.10758	-0.11062	-0.0918
-0.09512	-0.1174	-0.09206	-0.11338	-0.06646	-0.07632	-0.0901	-0.09162	-0.12415	-0.07832
-0.1063	-0.14344	-0.11716	-0.14179	-0.06605	-0.07899	-0.06777	-0.08745	-0.1236	-0.07456
-0.09147	-0.11537	-0.09297	-0.11599	-0.05972	-0.10168	-0.08874	-0.09744	-0.09998	-0.05968
-0.06672	-0.06711	-0.05971	-0.07398	-0.05326	-0.11423	-0.0919	-0.07407	-0.07325	-0.0659
-0.08161	-0.07876	-0.06414	-0.08795	-0.05801	-0.08545	-0.0727	-0.05544	-0.07366	-0.05163
-0.11251	-0.11819	-0.09404	-0.09906	-0.07105	-0.07838	-0.05795	-0.06826	-0.07591	-0.03434
-0.09057	-0.11631	-0.07044	-0.07145	-0.05581	-0.08802	-0.05972	-0.0888	-0.09235	-0.0506
-0.05053	-0.09942	-0.04577	-0.09258	-0.04902	-0.09824	-0.06447	-0.06674	-0.08047	-0.0702
-0.03834	-0.07342	-0.06121	-0.13072	-0.10053	-0.10374	-0.06328	-0.02222	-0.04756	-0.03934
-0.05919	-0.0631	-0.07251	-0.10992	-0.09852	-0.08685	-0.09067	-0.04775	-0.06356	-0.0185
-0.08489	-0.08132	-0.08259	-0.0892	-0.04814	-0.08274	-0.08255	-0.0652	-0.08119	-0.02786
-0.06629	-0.0791	-0.06432	-0.08692	-0.04994	-0.10138	-0.0676	-0.0614	-0.06093	-0.04452
-0.05148	-0.08081	-0.04887	-0.10281	-0.0707	-0.09907	-0.07664	-0.06884	-0.0294	-0.05365
-0.07714	-0.08114	-0.07108	-0.12228	-0.08424	-0.05192	-0.05575	-0.04695	-0.03057	-0.02337
-0.07042	-0.06462	-0.09196	-0.09809	-0.07567	-0.08405	-0.04453	-0.04939	-0.06891	-0.01869
-0.06481	-0.05561	-0.05961	-0.07125	-0.06824	-0.11858	-0.03607	-0.06611	-0.0736	-0.04618
-0.04183	-0.02364	-0.00991	-0.06845	-0.06208	-0.09745	-0.03441	-0.04295	-0.01882	-0.04378
-0.02734	-0.01918	-0.04508	-0.07002	-0.02571	-0.06998	-0.03396	-0.0253	-0.03612	-0.03267
-0.08251	-0.0631	-0.08978	-0.06365	-7.34E-04	-0.0564	-0.02058	-0.07041	-0.06182	-0.00972
-0.09788	-0.0675	-0.06232	-0.05231	-0.041	-0.08381	-0.03337	-0.11984	-0.05569	-0.00742
-0.06245	-0.02276	-0.03513	-0.05917	-0.08196	-0.09286	-0.05666	-0.11002	-0.04663	-0.04527
-0.04032	0.00599	-0.01738	-0.06023	-0.05244	-0.07765	-0.02766	-0.04523	-0.03057	-0.06563
-0.06888	-0.01136	-0.05157	-0.04913	-0.00814	-0.08115	-0.01533	-0.04068	-0.03263	-0.03181
-0.0955	-0.05525	-0.07837	-0.04758	-0.01224	-0.06361	-0.02461	-0.08505	-0.05192	-0.00155
-0.10532	-0.06394	-0.03701	-0.02709	-0.02217	-0.06987	-0.04272	-0.0786	-0.04855	-0.0352
-0.07483	-0.04842	0.018848	-0.00504	-0.02874	-0.0852	-0.05322	-0.06559	-0.01732	-0.0533
-0.04025	-0.02535	-0.0172	-0.04189	-0.02026	-0.03375	-0.01693	-0.06416	-0.01633	-0.03993
-0.06423	-0.01711	-0.07726	-0.06217	-0.01994	-0.03876	0.002593	-0.07678	-0.02291	-0.01664
-0.07125	-0.03681	-0.07551	-0.03137	-0.0243	-0.08154	-0.03639	-0.07437	-0.02565	0.00458
-0.0583	-0.03703	-0.04113	-0.00987	-0.03005	-0.07337	-0.05585	-0.03976	-0.00645	-0.02943
-0.02183	-0.01116	-0.01188	-0.02356	-0.02157	-0.06662	-0.02159	-0.00576	0.026286	-0.04896

-0.03022	-0.02271	-0.05323	-0.02974	8.21E-04	-0.05213	-0.00666	-0.01582	0.01593	-0.03911
-0.05317	-0.07803	-0.09118	-0.03344	-0.01599	-0.05462	-0.01389	-0.06982	-0.05695	-0.0162
-0.03719	-0.06096	-0.08232	-0.02862	-0.04383	-0.06636	-0.04525	-0.11343	-0.07791	-0.00992
-0.02823	-4.65E-04	-0.04127	-0.03358	-0.04267	-0.05478	-0.03825	-0.08693	-0.03005	-0.07145
-0.01397	0.025917	-0.02405	-0.03995	-0.02676	-0.04612	0.002297	-0.03207	4.97E-04	-0.06109
-0.01217	-0.00641	-0.04156	-0.02572	-0.01338	-0.02928	0.004127	-0.03428	0.01446	0.010429
-0.02119	-0.01971	-0.02534	-0.00935	-0.04085	-0.0168	-0.00562	-0.02187	0.015229	0.018992
-0.02357	0.00818	-0.00699	-0.00732	-0.05658	-0.04252	-0.02265	-0.0208	-0.00844	-0.0207
-0.00694	0.007421	-0.02789	-0.00625	-0.03239	-0.03121	0.010952	-0.02402	-0.01231	-0.02843
-0.00696	-0.01961	-0.02999	0.008024	-0.02319	0.003743	0.021447	-0.01782	0.003929	-0.05123
-0.01975	-0.03714	-0.03031	0.011017	-0.03892	-0.0237	-0.0237	-0.03587	0.010927	-0.0788
-0.02587	-0.02331	-0.03019	0.010881	-0.05795	-0.02088	-0.0329	-0.03884	0.015656	-0.03142
0.002035	0.026244	-0.02034	-0.011	-0.01792	0.017613	-0.03369	-0.01207	-0.02153	-0.00771
0.036613	0.070454	0.002043	0.010797	0.012141	0.026754	-0.03376	-0.00769	-0.02682	-0.00879
0.028012	0.01161	-0.01213	0.043913	0.022612	0.035806	0.019475	-0.01891	0.029699	-0.00145
0.004013	-0.03229	-0.0324	0.030131	-0.00335	0.021561	0.028867	-0.00225	0.045071	1.70E-04
0.004663	1.34E-04	-0.00724	0.020556	-0.03858	-0.00416	-0.03171	-0.00622	0.044888	0.025928
0.039107	0.048737	0.029017	0.030575	-0.03328	-0.00748	-0.04092	-0.014	0.005347	0.010984
0.042325	0.030967	-2.35E-04	0.027673	-0.0346	0.019212	0.018705	0.011565	-0.01956	-0.0482
0.02162	-0.02211	-0.04322	0.037734	0.012669	0.034752	0.025245	0.012047	0.007339	-0.04162
-0.00622	-0.02011	-0.03573	0.026652	0.040875	0.036487	-0.03759	-0.02545	0.018866	-0.0041
-0.01172	0.004449	-0.0085	0.003031	-0.00202	0.020489	-0.04994	-0.01499	0.014136	0.005377
0.030025	0.025298	0.003219	-0.00882	-0.03595	0.010682	-0.01562	0.032687	0.019763	0.005793
0.038966	0.018789	-0.01047	0.006359	-0.01811	0.020316	0.015845	0.050949	0.008145	-0.04125
0.031858	-0.02111	-0.00844	0.011408	0.006579	0.019798	7.87E-04	0.032109	0.022169	-0.04174
0.014788	-0.03119	0.015927	-0.02232	-0.00916	0.012357	-0.06131	-0.004	0.031416	0.01745
0.010775	-0.02331	0.024857	-0.0264	-0.02841	0.002846	-0.05719	-0.00764	-0.00671	0.029218
0.041687	-0.02479	0.009629	-0.01115	-0.0205	0.003129	-0.01814	0.012893	-0.01899	-0.0045
0.058948	-0.01405	0.005616	0.033031	0.022351	0.016978	-0.01574	0.037177	-0.01217	-0.04029
0.009063	-0.00155	0.031777	0.049254	0.048412	-0.00354	-0.03592	0.0611	0.012181	-0.02673
-0.02278	-0.00393	0.048489	-0.00394	0.020057	-0.00387	0.005782	0.064142	0.040194	0.030626
-0.00471	-0.0125	0.02679	-0.06405	-0.009	0.023575	0.031111	0.018719	-0.00629	0.048086
0.035319	-0.00714	0.022036	-0.03111	0.003432	0.01763	-2.61E-04	-0.00582	-0.03487	0.035357
0.033437	0.004744	0.031669	0.011509	0.024429	0.006546	-0.01541	0.008903	-0.00909	0.043777
-0.02237	0.009121	0.020527	-0.01325	0.028244	-0.00292	0.021086	0.0339	0.037506	0.060368
-0.00636	0.022628	-0.00954	-0.03194	0.020161	-0.0128	0.037306	0.028978	0.031132	0.035126
0.036228	0.008163	-0.02972	-0.05064	-0.00294	-0.01236	0.027836	-0.01107	-0.01684	-4.34E-05
0.0276	-0.00601	0.013162	-0.02629	0.002582	0.003278	0.020606	-0.00703	-0.0167	0.010614
-0.01791	-0.00284	0.047053	0.044554	0.040294	-0.01356	0.003599	0.052063	0.036536	0.047243
-0.04783	0.006368	0.03131	0.038763	0.03841	-0.03382	-0.01321	0.046932	0.024484	0.063474
-0.0366	-0.0121	-0.01318	-0.01463	0.03612	0.009551	0.019629	-0.00794	-0.03861	0.036553
-0.02567	-0.05339	-0.03345	-0.03638	0.033163	0.016926	0.047443	-0.00143	-0.04086	0.017638
-0.05209	-0.0336	0.00364	-0.02744	0.036048	-0.02287	0.005815	0.015284	-0.01746	0.039655
-0.03821	0.006878	0.008571	-0.03619	0.020057	-0.03765	-0.02359	0.018562	0.003513	0.045415
-0.01577	0.008593	-0.03254	-0.05379	-0.0205	-0.02482	-0.00611	0.013377	0.022656	0.029657
-0.02418	-0.02285	-0.0407	-0.05891	-0.05935	-0.04834	0.016083	-0.02227	0.026373	0.007896
-0.04044	-0.01896	-0.01261	-0.0378	-0.04041	-0.0552	-2.12E-04	-0.0312	0.005464	-0.01965

-0.04304	0.022543	0.001891	-0.01058	0.019382	-0.04246	-0.00894	-0.01935	-0.00417	-0.01559
-0.02924	0.028158	-0.01987	0.007687	0.007858	-0.03498	0.008476	0.014763	0.023073	0.022213
-0.04144	-0.0059	-0.05244	-0.00238	-0.02627	-0.03125	0.020794	0.005986	0.022621	0.00601
-0.05223	-0.01887	-0.03863	-0.00299	-0.01466	-0.0174	-0.01164	-0.05713	-0.01038	-0.00927
-0.02368	0.009883	-0.01495	0.004984	0.009512	-0.02616	-0.02594	-0.09034	-0.03214	-0.02497
-0.00835	0.033426	-0.00965	0.031001	0.011054	-0.0335	0.014744	-0.08852	-0.01531	-0.02209
-0.01294	0.017758	-0.04526	0.031108	-0.00401	-0.01664	0.042652	-0.03584	0.020212	-0.01662
-0.04192	-0.01571	-0.06826	0.008952	0.004501	0.011646	0.04515	0.035954	0.030831	-0.01315
-0.06819	-0.02341	-0.05799	0.008209	0.006629	0.025005	0.002873	-0.01138	8.28E-04	8.61E-04
-0.03654	0.017371	-0.02798	0.007199	-0.02089	-0.0013	-0.00746	-0.03954	0.013489	-0.00774
0.015838	0.057264	0.010638	0.012854	-0.06836	-0.01548	0.024414	-0.03965	-0.00464	-0.01268
0.019291	0.018603	0.00823	-0.01772	-0.09361	-0.017	-0.01628	-0.04564	-0.03312	-0.01319
0.003867	-0.00155	-0.04004	-0.02216	-0.03188	0.019177	-0.04064	-0.01751	-0.02821	-0.00708
-0.00237	0.005153	-0.06092	0.012036	0.040203	0.043864	-0.02383	-0.02099	-0.00632	0.022109
0.002132	-0.0021	-0.02497	0.014424	0.003966	0.026246	-0.03088	-0.00932	0.017387	0.004995
0.025819	0.021197	0.020825	0.020452	-0.01171	0.007903	-0.02248	0.037963	0.027796	-0.03252
0.043231	0.011244	-0.01359	-0.01768	-0.01425	-0.00508	-0.06682	0.016501	-9.04E-04	-0.02495
0.049897	-0.01696	-0.03996	-0.05034	-0.03732	-0.00514	-0.08933	-0.04454	-0.03336	-0.00327
-3.52E-04	-0.01658	-0.00986	-0.00569	-0.00646	0.019833	-0.03158	-0.02693	-0.01135	0.008213
-0.01988	-0.01848	0.005582	0.039886	0.025796	0.069749	0.034764	0.023934	0.012249	-0.01885
0.03139	-0.01909	-0.00227	-0.00161	7.88E-04	0.044393	-0.00383	0.043285	-0.00299	-0.05767
0.055715	-0.00662	-0.02164	-0.01024	-0.00597	-0.0106	-0.0965	0.011771	-0.01918	-0.04276
0.041669	-0.0121	-0.02096	0.010932	-4.20E-04	-0.00782	-0.05978	0.003071	-0.02082	-0.01353
0.006767	-0.00129	0.004399	0.028874	-0.02771	0.004725	0.003615	0.023668	0.013523	0.010883
-0.01573	-0.01949	0.005548	-2.06E-04	-0.04097	0.023523	0.004722	0.018107	0.028359	0.004513
0.008406	-0.06486	-0.05054	-0.04811	-0.02477	0.004242	-0.03514	0.006939	0.018315	0.001157
0.018904	-0.07253	-0.06969	-0.04314	0.001253	-0.02415	-0.04697	-0.02245	-0.01324	0.015812
0.008323	-0.04112	-0.02134	-0.00416	-0.00197	-0.03938	-0.0347	-0.02304	-0.02087	0.017484
0.034952	-0.00184	0.020667	0.009763	-0.02539	-0.02342	-0.03326	0.002682	0.013523	0.012131
0.034046	-0.01183	0.015372	-0.02772	-0.02024	0.021752	-0.01815	0.002176	0.004963	0.003552
-0.00576	-0.03364	-0.011	-0.03546	-0.01703	0.036648	0.01196	-0.00153	-0.05848	-0.02639
-0.01901	-0.03855	-0.02137	-0.00581	-0.01037	0.002183	-0.01226	-0.01711	-0.06196	-0.03103
0.030163	0.005793	-0.01166	0.010864	0.003482	-0.02068	-0.06239	-0.03238	-0.04712	-0.00601
0.047592	0.028279	0.012388	0.00604	-0.00992	0.002382	-0.03414	-0.00317	-0.02724	0.003568
0.025341	-0.02016	0.008588	-0.03603	-0.01958	0.018781	0.014608	0.039595	0.001953	-0.01299
0.039618	-0.03148	-0.01963	-0.03836	-0.01236	0.006261	0.001525	0.025336	-0.02994	-0.01555
0.044014	-0.00414	-0.01346	-0.02861	-0.01682	-0.01538	-0.03302	0.008321	-0.01571	0.013112
0.02284	-0.01207	-0.01734	-0.03797	-0.03492	-0.01964	-0.04392	0.017426	0.01337	0.01894
-0.0044	-0.02855	-0.01449	-0.04251	-0.03659	-0.01018	-0.05515	-0.02019	-0.00284	-0.02349
-0.02267	-0.03303	-0.00955	-0.07578	-0.04261	0.036738	-0.01937	-0.01421	-0.02864	-0.05082
-0.02371	-0.02276	-0.02911	-0.06379	-0.03406	0.021336	9.67E-04	0.014225	-0.02453	-0.01142
-0.00514	-0.01817	-0.03767	-0.00348	-0.01434	-0.01368	-0.01212	0.02183	0.0237	0.041133
0.016925	-0.00427	-0.00356	0.030397	-0.01107	-0.00532	-0.04066	0.04103	0.063425	0.044523
0.025461	0.005842	0.017316	-0.02782	-0.00587	0.028969	-0.04085	0.033574	0.030831	0.029253
0.00898	-0.03627	-0.01448	-0.07372	-0.02353	0.024028	-0.03628	0.004424	-0.02445	0.025527
0.018216	-0.02628	6.85E-04	-0.01655	-0.01023	-1.46E-04	-0.01815	-0.01874	-0.03406	0.028305
0.027497	-0.01551	0.016083	0.027797	-0.00453	-7.39E-04	-0.03031	-0.00968	-2.78E-04	0.045671

0.024779	-0.01551	0.011873	-0.00473	-0.02585	0.007752	-0.06393	0.006071	0.021077	0.043033
0.016089	0.005399	0.027448	-0.02961	-0.04237	0.021943	-0.03812	0.010876	-0.00734	0.028691
-0.02484	-0.02205	0.025778	-0.03901	-0.04464	0.012917	-0.00515	0.018264	-0.04182	0.015216
-0.02391	-0.0709	6.68E-04	-0.00964	0.002333	0.005509	-0.0081	0.026172	-0.02685	0.015914
0.003266	-0.04316	-8.35E-04	0.019811	0.024236	0.024656	-0.02184	0.036045	0.020765	0.03052
0.039283	0.017135	0.022599	0.004015	6.23E-04	0.032934	-0.0148	0.056835	0.030849	0.017553
0.039601	-0.00996	0.008844	-0.01532	0.001502	0.022619	-0.00175	0.057333	0.024589	0.048398
0.015721	-0.02707	-0.00708	-0.01333	0.011818	-0.01727	-0.00953	0.008492	-9.21E-04	0.053161
0.045281	0.013577	0.011083	0.017962	0.001635	-0.033	-0.05003	-0.01179	-0.00521	0.03777
0.084973	0.033776	0.020947	-0.00708	-0.01707	-0.01058	-0.05598	0.012789	0.023752	0.030045
0.055806	-0.01473	0.012818	-0.07187	-0.01785	0.041464	0.016389	0.037908	0.012571	0.026137
-7.06E-04	-0.04347	0.001455	-0.03692	7.39E-04	0.049554	0.043374	0.057237	0.001638	0.042997
-0.00152	-0.04219	0.007278	0.020157	0.020647	0.024028	0.012061	0.050553	-0.01072	0.019026
0.033472	-0.02419	0.025513	0.020712	0.010697	0.038086	0.001853	0.041805	-0.01636	0.011018
0.041758	-0.02087	0.022669	-0.01095	-0.01039	0.05652	0.012768	0.022395	0.001704	0.029411
0.02483	-0.02199	0.002261	-0.0392	0.003933	0.043609	0.025037	0.018142	-0.01603	0.012926
0.001744	-0.02407	-0.02018	-0.04525	-0.00658	-0.00273	0.00691	0.017007	-0.0271	0.008481
0.013225	-0.05971	0.005176	-0.0195	2.25E-04	-0.01481	-0.05461	-0.01477	-0.02375	0.032445
0.036333	-0.03607	0.03122	0.010729	0.004518	-0.0158	-0.07368	-0.00305	-0.01285	0.032711
0.055111	0.041798	0.050343	0.007889	-0.01468	-0.00653	-0.0342	0.007826	-0.02288	0.017313
0.009622	0.011876	0.017542	-0.00343	0.015764	0.037187	0.022015	0.016798	-0.01396	0.029183
-0.02822	-0.04829	8.29E-05	-0.00263	0.048819	0.027737	0.032237	0.032145	0.040031	0.06336
0.030975	-0.01895	0.029321	-0.01276	0.030901	-0.02625	-4.57E-04	0.048336	0.069365	0.052345
0.047538	-4.49E-04	0.023409	-0.04031	0.019746	-0.00258	0.003962	0.060271	0.027655	0.01474
-0.00728	-0.01938	-0.03895	-0.06179	0.00415	0.035341	0.016117	0.037195	-6.08E-04	0.037501
-0.05073	-0.04652	-0.07972	-0.05305	0.006394	0.013206	0.022721	0.002008	-0.02277	0.05519
-0.01797	-0.02184	-0.03117	-0.04007	0.019919	-0.00506	0.020966	-0.02013	-0.04144	0.023234
0.031702	0.00785	0.026737	-0.0387	-0.00194	-0.01692	-0.00371	-0.00282	-0.01831	6.80E-04
0.041315	0.001416	0.014594	-0.02865	0.004267	7.94E-04	-8.17E-04	0.006462	-0.02929	-0.00239
0.01983	2.15E-04	-0.03153	-0.0128	0.041057	0.049203	0.02279	-0.01973	-0.04569	0.010479
-0.02548	-0.03387	-0.01235	0.011238	0.074387	0.041536	0.029234	-0.02739	-0.03971	0.016374
0.00437	-0.01204	0.053355	0.033925	0.06053	-0.0081	0.017528	0.004085	0.00192	0.03218
0.050675	0.032029	0.068288	0.01576	0.028668	-0.02112	0.012195	0.041639	0.028165	0.048416
0.025649	0.023944	0.023374	-0.01296	0.028845	0.024795	0.036754	0.027064	-0.004	0.049317
0.007537	0.019873	0.001975	-0.00914	0.026623	0.018936	0.061784	-0.00167	0.002152	0.060972
-2.07E-04	0.013845	0.006819	-0.00219	0.038175	-0.00571	0.06024	-0.01038	0.034584	0.059934
-0.0178	0.003387	0.005599	-0.0138	0.030688	-0.00212	0.052602	0.023243	0.054525	0.039799
0.043391	0.041228	0.00704	-0.02038	0.024219	-0.01871	0.057113	0.039375	0.047678	0.029745
0.101148	0.096054	0.014767	0.013775	0.040294	-0.01854	0.060804	0.011306	0.026865	0.02365
0.056063	0.0851	0.053619	0.062041	0.028138	0.014363	0.044642	-0.01145	0.020921	0.039637
0.024506	0.079248	0.078977	0.084843	0.028173	0.017321	0.01775	-0.00308	0.041862	0.026085
-0.00361	0.07311	0.05211	0.044957	0.044124	-0.00177	0.030882	-0.00217	0.07012	0.00691
0.008865	0.074435	-0.00635	0.014219	0.05565	0.030133	0.071107	0.003865	0.072024	0.021487
0.045728	0.070378	-0.00107	0.050237	0.07233	0.072486	0.054304	0.005	0.08227	0.029148
0.044389	0.077135	0.061613	0.078177	0.038157	0.069729	-0.00439	0.021178	0.093888	0.027412
0.036018	0.108725	0.092513	0.069141	-0.00494	0.025302	0.004771	0.057505	0.06601	0.001569
0.051	0.131051	0.077896	0.064567	0.025955	0.027017	0.05579	0.056205	0.061007	-0.00493

0.058064	0.082448	3.00E-04	0.055018	0.083516	0.087406	0.07101	0.037615	0.092334	0.035767
0.034272	0.012292	-0.02174	0.049365	0.043355	0.100358	0.049235	0.054338	0.077511	0.045689
0.025512	0.025298	0.040529	0.070151	0.024132	0.060897	0.018296	0.055919	0.055236	0.061615
0.01736	0.066264	0.056883	0.066337	0.016107	0.046333	0.053027	0.066989	0.048009	0.060764
0.007406	0.06899	0.006124	0.045839	-0.0369	0.034305	0.059076	0.067616	0.044285	0.007327
0.048365	0.047886	0.004433	0.063724	-0.00493	0.035502	0.02064	0.050403	0.060059	-0.00289
0.063769	0.038777	0.0459	0.067186	0.030386	0.062531	0.01729	0.060772	0.072102	0.017553
0.065281	0.009651	0.050962	0.048476	0.005857	0.034056	-0.00423	0.057371	0.040339	0.008816
0.094593	-0.00247	0.019722	0.051036	0.011971	0.017595	-0.01324	0.043526	0.028007	0.009622
0.087329	0.029248	0.040658	0.086597	0.034308	0.053657	-0.01068	0.027582	0.062681	0.03881
0.016272	0.057283	0.089649	0.083518	0.050656	0.07352	8.36E-04	0.062705	0.101553	0.084746
0.022755	0.066736	0.097294	0.042068	0.05761	0.066413	0.008126	0.092809	0.091784	0.099363
0.096258	0.041548	0.025583	0.022695	0.066988	0.085997	0.020468	0.087833	0.045932	0.07931
0.115505	0.03837	0.020737	0.027022	0.069524	0.098637	0.045495	0.076265	0.028271	0.055974
0.063154	0.071064	0.104248	0.069005	0.046401	0.058533	0.024864	0.041898	-8.88E-04	0.055619
0.053652	0.076033	0.112656	0.063321	0.039913	0.022984	0.028465	0.058982	0.035317	0.083828
0.088058	0.057264	0.076898	0.013263	0.010325	0.041355	0.074706	0.098853	0.092334	0.107365
0.089578	0.041103	0.074591	0.010424	0.019123	0.052334	0.053859	0.066696	0.067684	0.073493
0.072051	0.056434	0.095064	0.037752	0.063182	0.072389	0.053211	0.069009	0.060097	0.075697
0.036403	0.059692	0.085052	0.056711	0.085324	0.012578	0.058795	0.0865	0.062015	0.083968
0.035966	0.056729	0.070582	0.044591	0.07108	-0.01403	0.042544	0.069974	0.062072	0.07398
0.070249	0.054226	0.066259	0.013041	0.067896	0.052353	0.059189	0.043878	0.027673	0.019765
0.07076	0.049245	0.0295	3.40E-04	0.085727	0.02023	0.062974	0.048748	0.004763	0.046127
0.034307	0.066736	0.059769	0.046501	0.069641	-0.01616	0.066601	0.0834	0.057961	0.0964
0.049446	0.083252	0.072414	0.069432	0.024552	-0.00711	0.063788	0.096124	0.120249	0.076578
0.037735	0.060008	0.023057	0.016774	0.016915	-0.01257	0.042111	0.030397	0.10047	0.033703
0.026076	0.056913	0.028982	0.010695	0.075212	0.039383	0.058983	0.009434	0.064075	0.044014
0.026315	0.093054	0.048004	0.018376	0.093148	0.050831	0.091121	0.071889	0.083048	0.058748
0.020302	0.110852	0.063795	0.044114	0.065446	0.04474	0.11293	0.087074	0.082709	0.076754
0.043533	0.102036	0.047314	0.040158	0.034541	0.060234	0.123128	0.085764	0.074348	0.074838
0.078753	0.082487	0.016412	0.024967	0.048375	0.059496	0.09284	0.078932	0.072063	0.047353
0.066593	0.083213	0.058563	0.071065	0.086575	0.060802	0.078708	0.058962	0.060362	0.046146
0.052996	0.085928	0.07632	0.087628	0.065715	0.043445	0.092233	0.017042	0.067164	0.06084
0.087861	0.065134	0.06021	0.078891	0.014753	0.039509	0.077474	0.002868	0.084829	0.043142
0.111657	0.040196	0.026915	0.064971	0.043812	0.061068	0.038252	0.010412	0.079983	0.001174
0.074222	0.048194	-0.00361	0.084441	0.061901	0.060935	0.027714	-0.00986	0.054525	0.010126
0.041067	0.074531	0.016673	0.093661	0.003215	0.052186	0.050465	2.25E-04	0.059094	0.010681
0.011254	0.048683	0.040181	0.026142	-0.03208	0.068338	0.040707	0.038916	0.070721	-0.01225
0.027154	-0.00486	-0.00513	-0.03186	-0.01076	0.043973	0.045549	0.06224	0.036195	-2.40E-04
-0.00132	-0.01483	-0.00439	0.0181	0.026288	-0.00436	-0.00388	0.033846	-0.00279	0.010563
-0.00717	0.018468	0.010689	0.03658	0.007959	-0.00879	-0.04082	3.09E-04	-0.00557	0.024518
0.021265	0.038423	0.002513	0.012019	-0.01192	0.036505	-0.02265	0.035535	0.022134	-0.01233
0.026794	0.013327	0.011358	0.01173	0.004886	0.047196	-9.15E-04	0.071751	0.038244	-0.02262
0.032864	-0.00641	0.001556	0.007906	0.025779	0.018523	-0.00168	0.060965	0.015793	0.03195
0.039054	-0.0168	4.84E-04	-0.00831	0.016502	-0.00883	-0.06016	0.031712	0.015041	0.037967
0.06403	0.008857	0.030108	-0.01814	-0.01803	0.004992	-0.05227	0.051799	0.029841	0.052976
0.041067	0.014866	0.048564	-0.01047	-0.01029	0.047398	-0.00951	0.038366	-0.03501	0.033065

0.003461	-0.06735	0.011426	-0.01875	-0.00968	0.038158	0.014761	0.02896	-0.04879	0.04061
0.0257	-0.06792	0.01494	-0.03473	0.012993	0.017458	0.014084	0.026547	-0.00526	0.072949
0.032673	-0.05425	0.022335	-0.04389	0.017466	0.02429	0.003186	0.024643	-0.01964	0.037823
0.028269	-0.04508	0.017977	-0.02906	0.003299	0.034787	0.004523	0.041935	-0.01281	0.042852
0.04089	-0.00393	0.021649	-0.04681	-0.00128	0.047012	0.031216	0.069088	0.019021	0.052827
0.030405	-0.01814	-0.0028	-0.01423	0.025656	0.054179	0.0519	0.04585	0.016855	0.030961
0.027943	-0.00292	0.029589	0.025896	0.039496	0.013393	0.015116	-0.00255	0.006149	0.021125
0.019796	0.009221	0.059232	0.014698	0.015181	-0.02718	-0.01212	0.035208	0.032695	0.034627
0.043925	0.026657	0.04501	-0.02935	0.021185	0.021388	0.027802	0.066833	0.04731	0.053886
0.047754	0.06568	0.021684	-0.03103	0.0203	0.035019	0.038288	0.055423	0.018487	0.069543
0.006375	0.043012	0.023903	0.030522	0.031879	-0.02117	0.018996	0.003561	0.026549	0.060236
0.00299	0.014179	0.016326	0.043821	0.030138	-0.02704	0.008826	-0.02554	0.039742	0.032835
0.048365	0.035495	0.035877	-0.00139	0.034541	-0.03025	0.013189	0.010842	0.024956	0.012401
0.0495	0.043746	0.006599	-0.0186	0.059845	-0.0171	0.009378	-0.02756	-0.01135	0.027045
-0.0087	-4.33E-04	-0.03025	-0.00671	0.064504	0.032969	0.032167	-0.05873	0.002849	0.043596
-0.06055	-0.01237	0.010193	0.032247	0.061253	0.033895	0.03011	-0.00905	0.04777	0.029165
-0.02625	0.016007	0.061248	0.038095	0.048135	-0.00196	0.018808	0.019543	0.050356	-0.01618
0.064011	0.072306	0.070857	0.024546	0.05381	-0.02913	0.031638	0.021424	0.048083	0.02004
0.031217	0.070511	-0.00887	0.023654	0.089147	0.010158	0.041984	-0.00933	0.033745	0.044778
-0.03797	0.007668	-0.04324	0.013826	0.082854	0.056219	0.074454	-0.02526	0.029735	0.033189
-0.01624	0.004809	0.029876	0.005503	0.02195	-9.53E-04	0.052749	-0.00405	0.037776	0.003055
0.070931	0.057579	0.038681	-0.01388	0.013164	-0.04391	0.021602	0.012254	0.044084	0.005993
0.08092	0.08108	-0.01081	0.031588	0.057402	0.006345	0.041174	0.023827	0.037884	0.013366
0.025273	0.038087	-0.03761	0.062786	0.058726	0.04795	0.040833	-0.02269	0.03371	0.00596
0.008915	0.017101	-0.01461	0.05989	-0.00625	0.010749	-0.00241	-0.0439	0.042262	0.017792
0.032534	0.056434	0.033614	0.028132	0.008616	0.003162	0.030531	7.63E-04	0.071421	0.024309
0.055056	0.084391	-0.00351	0.019811	0.009783	0.025267	0.093935	0.024909	0.066164	0.033615
-0.01444	0.009353	-0.03274	0.036364	0.003249	0.022272	0.069664	-0.02071	0.074779	0.050847
-0.0678	-0.01491	0.003691	0.056711	0.0041	0.038392	0.024068	-0.03633	0.091275	0.064902
-0.00183	0.042066	0.022036	0.0739	0.010545	0.032614	0.046604	0.001082	0.086517	0.035268
0.028149	0.06685	0.036204	0.079288	0.047599	0.020074	0.070452	0.038293	0.082968	0.017638
0.021975	0.079871	0.013335	0.05826	0.061043	0.053191	0.072883	0.022677	0.069752	0.009874
0.030215	0.063181	0.008673	0.041795	0.034379	0.02368	0.050391	0.011478	0.079289	0.048931
-0.01029	0.066944	0.037058	0.027198	-0.00501	0.012765	0.010415	0.030487	0.100657	0.068753
-0.0256	0.083723	0.043733	0.026406	0.004033	0.015182	0.029252	0.035081	0.086779	0.049133
0.017243	0.068193	-0.01591	0.046225	0.006747	0.004509	0.066735	0.036155	0.0738	0.021349
0.042503	0.023688	-0.02869	0.049124	0.042843	0.051294	0.066678	0.018632	0.073839	0.002345
0.004566	-0.00375	-0.01922	0.039506	0.056798	0.085455	0.028587	0.009743	0.076762	0.039223
-0.00486	0.047958	0.0138	0.029529	-0.02146	0.018214	0.007842	0.016049	0.063444	0.032657
0.032846	0.08067	0.026328	0.041777	-0.02366	0.012765	-0.00575	0.022942	0.034745	-0.00593
0.043071	0.043209	-0.00502	0.03543	-0.0124	0.048687	0.008659	0.004814	0.019676	-0.02773
0.010907	0.022833	0.030055	0.047645	-0.00289	0.059213	0.014287	-0.01096	0.025131	-0.03288
0.012114	0.049589	0.048564	0.038293	0.003199	0.022949	-0.0426	-0.00293	0.041045	-0.0015
0.03835	0.056729	0.018988	0.024967	-0.02841	-0.01999	0.008076	0.045235	0.023264	0.027973
0.052506	0.038405	-0.03023	0.035717	-0.01842	0.024133	0.069529	0.035172	-0.00196	-0.01016
0.050855	0.012592	-0.02002	0.053013	0.044508	0.072116	0.046696	0.044733	0.004213	-0.01458
0.007684	0.005892	-0.00155	0.019603	0.013624	0.076989	0.020966	0.058598	0.046116	0.042526

0.025051	0.006121	-0.00696	-0.01701	-0.03872	0.047251	-0.00645	0.058367	0.046446	0.039853
0.06618	0.018147	-0.02531	-0.00921	-0.02982	0.044704	0.00416	0.06453	0.002716	-0.00771
0.061982	0.014765	0.003388	0.021059	-0.00732	0.0456	0.00911	0.047643	0.003281	-0.03888
0.034342	0.002914	0.016846	0.016756	0.004969	0.00273	-0.03381	0.033937	0.019866	-0.01499
0.041403	0.025693	0.009134	-0.0087	0.005773	-0.02677	-0.06858	0.028136	0.03273	0.032162
0.028132	-0.01725	0.002748	-0.02998	-0.01548	-0.01589	-0.03841	0.030271	0.002003	0.052123
-0.02476	-0.04099	-0.01185	-0.04384	-0.01577	0.032934	0.009244	0.048373	-0.01757	0.036624
-0.02572	-0.03767	0.004484	0.006644	0.025305	0.044065	0.007376	0.059866	9.43E-04	0.031402
-0.03436	-0.03189	0.001036	0.010983	0.028527	0.00871	-0.03083	0.015979	-0.01386	0.035179
-0.01891	-0.02518	-0.01713	-0.05873	0.009546	0.001753	-0.02576	-0.01949	-0.04731	0.021435
-0.00718	-0.04035	-0.03522	-0.07979	-0.01601	0.011697	-0.00119	-0.00817	-0.05387	4.33E-04
-0.00655	-0.06099	-0.02207	-0.08033	-0.03745	0.010817	0.014236	-0.012	-0.04988	-0.02522
-0.01842	-0.06902	-0.01375	-0.0574	-0.01634	-0.00107	-0.00295	-0.01233	-0.05793	0.005095
-0.04576	-0.09237	-0.01347	-0.0285	0.015301	-0.04606	-0.04908	-0.02283	-0.03737	0.019181
-0.05376	-0.10541	-0.03042	-0.06787	-0.02798	-0.08076	-0.05191	-0.00619	-0.01492	0.003618
-0.05019	-0.0955	-0.05056	-0.09968	-0.06547	-0.07596	-0.04737	-0.03279	-0.06743	-0.03271
-0.07154	-0.0777	-0.05374	-0.08708	-0.04604	-0.04563	-0.03266	-0.03579	-0.08946	-0.04185
-0.08738	-0.07885	-0.03579	-0.06008	-0.02994	-0.02151	-0.02969	-0.05939	-0.06703	-0.01459
-0.08813	-0.08824	-0.05154	-0.0766	-0.07335	-0.07369	-0.04532	-0.06925	-0.04756	-0.0194
-0.08526	-0.07255	-0.0732	-0.13368	-0.14106	-0.13884	-0.08405	-0.05792	-0.04089	-0.05163
-0.06618	-0.09481	-0.07316	-0.14938	-0.12034	-0.12908	-0.08438	-0.07669	-0.05851	-0.06828
-0.08269	-0.11748	-0.08043	-0.12998	-0.08159	-0.08691	-0.07698	-0.081	-0.05887	-0.02893
-0.10296	-0.10976	-0.08986	-0.09183	-0.05341	-0.08197	-0.07602	-0.09027	-0.06658	-0.00204
-0.09921	-0.08388	-0.10303	-0.1002	-0.09614	-0.10071	-0.0577	-0.08882	-0.06935	-0.0491
-0.09229	-0.07099	-0.0996	-0.14136	-0.11691	-0.09246	-0.05635	-0.07943	-0.05253	-0.07298
-0.0696	-0.05739	-0.11051	-0.12867	-0.08253	-0.10456	-0.09727	-0.10683	-0.07803	-0.0892
-0.08981	-0.0647	-0.11536	-0.12014	-0.07529	-0.1274	-0.10465	-0.14343	-0.11702	-0.10943
-0.11614	-0.09361	-0.10945	-0.11605	-0.10144	-0.132	-0.10206	-0.12471	-0.09147	-0.06811
-0.12042	-0.10353	-0.11964	-0.11996	-0.12533	-0.13886	-0.11302	-0.09734	-0.05499	-0.07332
-0.11852	-0.10606	-0.12931	-0.13899	-0.10584	-0.12786	-0.113	-0.127	-0.07553	-0.1023
-0.0969	-0.08301	-0.13848	-0.14462	-0.08152	-0.12836	-0.11473	-0.15594	-0.1012	-0.09786
-0.0982	-0.05374	-0.09161	-0.11546	-0.08262	-0.13492	-0.10117	-0.14409	-0.11339	-0.08386
-0.10968	-0.0706	-0.09354	-0.09472	-0.10776	-0.11812	-0.10054	-0.10167	-0.09376	-0.08785
-0.09883	-0.08603	-0.12746	-0.09346	-0.09981	-0.11837	-0.08791	-0.08896	-0.07573	-0.11286
-0.07251	-0.07416	-0.12167	-0.08301	-0.08386	-0.12429	-0.07934	-0.09224	-0.07055	-0.12328
-0.07963	-0.08232	-0.10379	-0.0936	-0.06639	-0.10749	-0.06731	-0.10942	-0.07978	-0.10393
-0.08137	-0.08941	-0.08991	-0.07725	-0.06567	-0.07413	-0.03094	-0.10858	-0.08701	-0.09498
-0.0494	-0.05682	-0.08681	-0.0512	-0.07303	-0.07555	-0.04239	-0.09315	-0.06942	-0.09838
-0.0381	-0.02852	-0.08406	-0.0566	-0.06546	-0.07015	-0.0829	-0.09153	-0.05508	-0.07747
-0.05579	-0.00617	-0.06038	-0.04831	-0.0422	-0.06144	-0.07842	-0.10029	-0.06498	-0.08329
-0.02796	0.025539	-0.04119	-0.01771	-0.02683	-0.0537	-0.05819	-0.10625	-0.07124	-0.07347
0.024574	0.034372	-0.05816	-0.00972	-0.04059	-0.04253	-0.03139	-0.07287	-0.05063	-0.06342
0.037841	0.026571	-0.04766	-0.0161	-0.03673	-0.0593	-0.02727	-0.04602	-0.01012	-0.06288
-0.00739	0.022884	-0.00252	0.007738	-0.01205	-0.03194	-0.0203	-0.06047	-0.02088	-0.0606
-0.00593	0.040854	0.021509	0.04123	0.030794	-0.01012	0.003516	-0.04742	-0.0081	-0.0487
0.043053	0.060306	0.028107	0.055393	0.014103	-0.00701	0.032449	-0.00332	0.001638	-0.05791
0.0276	0.042387	0.007771	0.043492	0.013164	0.038014	0.020829	-0.00192	-0.02112	-0.06388

0.00325	0.02045	-0.04538	0.011696	0.004768	0.045069	-0.01544	-0.00208	0.001324	-0.04366
0.015855	0.045325	-0.04488	-0.00123	-0.02701	0.005643	-0.02065	0.004441	0.039525	-0.03122
0.005624	0.078452	0.019302	-0.00334	-0.03568	-1.63E-04	-0.00136	0.029552	0.073585	0.013434
0.00811	0.066208	0.058563	0.016499	-0.02199	0.026509	0.037485	0.053048	0.066068	0.027325
0.02796	0.013494	-8.52E-04	0.005152	-0.01105	0.037348	0.011036	0.035299	0.047052	0.030926
0.0201	0.002799	-0.05888	-0.00445	0.019296	0.02948	-0.01892	0.009931	0.039868	0.035001
0.006146	0.030827	-0.03058	0.004566	0.017724	0.029163	0.004292	0.004271	0.050152	0.036303
0.025597	0.039734	0.020072	0.008311	-0.02339	0.056632	0.053045	0.033085	0.072999	0.031049
0.053706	-0.00566	0.006633	2.58E-05	-0.06695	0.031922	0.059714	0.035881	0.06004	0.013417
0.03139	-0.02572	0.011118	0.002248	-0.09859	-0.00894	0.002363	0.027564	0.040031	0.030009
0.038421	-0.00797	0.018134	0.013638	-0.03845	0.011307	-0.02073	0.015875	-0.00851	0.026713
0.059631	-0.02918	0.015442	0.021737	0.01914	0.026001	-0.02917	0.019824	-0.02539	0.001207
0.050277	-0.02148	0.016846	0.002165	0.028863	0.03418	-0.01248	0.04412	-0.00415	-0.01171
0.015421	-0.00266	0.001992	-0.02859	0.019071	0.053246	0.006163	0.040533	-9.37E-04	-0.0066
0.002909	-0.01242	0.006395	-0.03502	0.007386	0.014006	-0.0202	-0.0043	-0.00219	0.03089
0.041297	-0.00263	-0.00248	-0.06173	0.004568	-0.00259	-0.03206	-0.00548	-0.00379	0.050718
0.073192	0.034407	0.027181	-0.02478	0.033485	0.006562	-0.03416	0.032181	-0.01879	0.023667
0.06725	0.043317	0.03604	0.007839	0.061463	-0.01404	-0.02605	0.008629	-0.02752	0.026573
0.031563	0.020399	-0.01583	-0.01953	0.050322	0.003477	0.011876	-0.02571	-0.0261	0.025196
0.009391	0.001806	4.01E-04	-0.03057	0.025551	0.01124	0.02983	-0.00901	0.018298	0.036946
-0.00582	-0.00322	0.031328	-0.02157	0.041039	-0.0105	-0.00937	-0.00228	0.045437	0.041946
-0.00917	0.002718	0.050099	-0.00311	0.048745	-0.00602	-0.01853	0.011702	0.029223	0.048361
0.017427	0.025298	0.035659	0.013314	0.034326	0.018833	0.022531	0.029822	0.015006	0.053979
0.016824	0.035197	-0.00932	0.006795	0.02345	0.014858	0.055511	0.024146	0.034352	0.072852
0.021502	0.015117	0.005464	-0.02235	2.25E-04	-0.00202	0.033419	0.016693	0.05158	0.058409
0.021738	0.003909	0.035025	-0.02949	0.01453	-0.00259	0.031621	0.005697	0.033033	0.004796
0.046336	0.043406	0.041043	0.007031	0.040203	-0.00971	0.0348	0.008869	0.017765	0.018803
0.03483	0.07505	0.022792	0.040158	0.059333	0.01421	0.031902	0.00728	0.057603	0.055974
-0.03113	0.073014	0.041889	0.056636	0.044949	0.028405	0.016525	-0.01553	0.09399	0.076833
-0.03599	0.077541	0.022722	0.053574	0.016021	2.00E-04	-0.00817	0.006785	0.067491	0.014112
-0.00319	0.074589	9.36E-04	0.040158	0.037309	0.013614	0.027209	-0.00466	0.029823	-0.00961
0.007946	0.054171	0.019495	0.060194	0.032164	0.024603	0.075465	0.005476	0.054002	0.021729
-0.00341	0.030063	0.018726	0.086819	0.043959	0.041572	0.085986	0.058502	0.084549	0.030414
-0.0242	0.037433	0.009697	0.053368	0.029606	0.05252	0.044261	0.054814	0.091173	0.05704
0.031996	0.045919	-0.01317	0.014595	0.012533	0.008306	0.026756	0.060213	0.050912	0.014791
0.088117	0.036974	-0.00173	0.04034	-0.00274	-0.01142	0.03736	0.013411	0.006953	-0.00255
0.060093	-0.02947	0.010895	0.053518	6.23E-04	0.04681	0.028168	-0.01947	0.026549	0.026399
0.058782	-0.02823	0.009732	0.033031	0.029712	0.068801	0.010633	0.041547	0.073819	0.02128
0.069587	0.008345	0.035333	0.028415	0.013095	0.031993	0.032149	0.092083	0.068475	0.035144
0.071462	0.045541	0.062481	0.049532	-0.0083	0.01268	0.04139	0.074589	0.037776	0.021573
0.074394	0.036974	0.043105	0.055318	0.021498	0.02971	0.00492	0.046727	0.058905	0.010344
0.020893	-0.03439	0.008043	0.010322	0.03603	0.048281	-0.00695	0.024608	0.049652	0.010681
-0.00384	-0.06282	-0.01159	-0.02506	0.023869	0.031354	0.003549	0.021865	0.03487	0.041314
0.014438	-0.0616	-0.01947	-0.04958	0.001286	0.034002	0.003615	0.066559	0.03765	0.060085
0.038614	-0.05555	4.34E-04	0.010051	0.020977	0.052056	0.00916	0.076565	0.017782	0.013552
0.023995	-0.00788	0.038608	0.090043	0.065581	0.054534	-0.00295	0.056778	0.007423	0.00124
0.010891	0.038759	0.061844	0.051725	0.06778	0.035377	0.009194	0.056148	0.045071	0.045379

0.067175	0.042869	0.037896	-0.01675	0.013334	0.017458	0.043049	0.076625	0.066068	0.067581
0.080571	-0.00211	0.004399	-0.04239	0.020109	0.018454	0.048027	0.044993	0.015639	0.059237
0.065525	-4.16E-04	0.025371	-0.01431	0.063048	0.037079	0.024431	-0.00564	-0.01714	0.071262
0.055331	0.051609	0.06962	0.03371	0.075645	0.036111	0.024362	0.02109	0.02431	0.075775
0.048653	0.06719	0.055533	0.059226	0.079185	0.018523	0.067728	0.100625	0.06578	0.091486
0.040908	0.051208	0.016951	0.035394	0.067896	0.016036	0.071165	0.089066	0.041499	0.082615
-0.01043	0.044876	0.032677	-0.00635	0.067026	0.010817	0.061011	0.03229	-0.00951	0.041621
-0.05526	0.061386	0.020334	-0.04713	0.060777	0.020627	0.037128	0.028423	-0.0083	0.047133
-0.03571	0.066415	-0.00981	-0.0378	0.015112	-0.01134	0.012987	0.033773	0.036123	0.083072
-0.01228	0.040001	-0.03425	0.024144	0.025463	0.012137	0.0258	0.004187	0.019193	0.077421
-0.05148	0.005908	-0.01364	0.010288	0.044417	0.039835	0.018586	-0.03758	-0.00529	0.023372
-0.05145	0.027795	0.005938	-0.02737	0.037417	0.022151	0.018244	-0.0094	0.005247	0.001437
-0.00887	0.057283	0.018691	0.002515	0.038247	-0.01947	0.024621	0.012668	0.017026	0.001388
0.010974	0.046333	0.043326	0.06736	-0.00253	-0.03134	0.049987	-8.14E-04	0.048028	0.053905
0.029784	0.014497	-0.0359	0.037716	-0.0034	-0.00159	0.034959	0.025105	0.076211	0.077284
-0.01403	-0.01171	-0.08452	0.024284	0.03115	0.023314	-0.00389	0.00839	0.041644	0.00576
-0.03092	0.01557	-0.04622	0.055619	0.004651	-5.75E-04	-0.01028	-0.03317	-0.00117	-0.02648
-0.01086	0.030011	-0.027	0.037499	-0.01418	-0.00241	0.021138	-0.0169	0.00348	-0.0299
-0.01115	-0.04313	-0.05578	-0.04416	-0.02979	0.009973	0.041606	0.033719	0.040719	-0.01814
-0.00853	-0.06458	-0.07753	-0.06989	-0.05727	0.001438	0.019355	0.021372	0.01761	-0.01459
-0.00569	-0.05814	-0.06942	-0.03054	-0.06758	0.014534	-0.0202	-0.01488	-8.22E-04	-0.01482
0.018182	-0.0402	-0.04679	-0.01489	-0.05452	0.001538	-0.0106	0.004356	0.004779	-0.03637
0.040183	-0.01316	-0.00675	-0.02021	-0.06685	-0.0135	-0.01235	0.001452	0.004996	-0.04103
0.004549	-0.047	-0.01406	-0.05218	-0.07728	-0.02308	-0.05193	-0.02059	0.001887	-0.0295
-0.03794	-0.07709	-0.05913	-0.05406	-0.07239	-0.04567	-0.07791	-0.00678	-0.00109	-0.01829
-0.03473	-0.07387	-0.03988	-0.01783	-0.04518	-0.04564	-0.05366	-0.02896	0.010437	0.014383
0.015238	-0.03871	-0.02042	-0.00635	-0.04356	-0.00566	-0.04386	-0.05107	-0.0081	0.003568
0.022704	-0.05006	-0.01071	-0.04315	-0.05818	-0.00646	-0.0537	-0.02424	-0.016	-0.02969
-0.01796	-0.06823	-0.00968	-0.05308	-0.05896	-0.03816	-0.03855	-0.00148	-0.04263	-0.05222
0.004956	-0.02034	-0.00823	-0.04469	-0.05088	-0.05026	-0.04161	-0.01575	-0.05543	-0.03155
0.02925	0.002702	-0.03362	-0.02913	-0.0487	-0.06462	-0.06426	-0.03254	-0.06454	-0.01597
0.029284	0.004727	-0.0351	-0.0291	-0.0578	-0.08337	-0.05667	-0.01995	-0.05547	-0.03785
0.024642	-0.0127	-0.01779	-0.0716	-0.02942	-0.02514	-0.01606	-0.01833	-0.03495	-0.03207
0.007176	-0.01687	-0.01164	-0.05614	0.001087	-0.01103	6.88E-04	-0.05203	-0.06048	-0.01925
0.019426	-0.00345	0.012491	-0.01073	0.018259	-0.01379	-0.0121	-0.04811	-0.07496	-0.00848
0.094253	0.041887	0.037823	-0.01939	0.05127	0.017801	-0.02458	-0.03896	-0.0493	0.009404
0.149435	0.097532	0.060805	-0.00409	0.07036	0.04714	0.007876	0.006003	-0.01213	0.03287
0.131158	0.147887	0.077817	0.06854	0.089371	0.046058	0.073387	0.041731	0.019797	0.065723
0.158036	0.18462	0.134985	0.125485	0.132012	0.054104	0.112272	0.0642	0.045969	0.096297
0.234204	0.231929	0.218764	0.157657	0.184887	0.131746	0.147913	0.122591	0.107703	0.097324
0.277354	0.267526	0.252383	0.20078	0.234782	0.211619	0.216296	0.172953	0.153733	0.139369
0.260725	0.290368	0.223211	0.230765	0.267185	0.214797	0.258473	0.214764	0.191886	0.210152
0.267319	0.285121	0.251995	0.200308	0.262133	0.169581	0.268618	0.242235	0.266575	0.266921
0.347982	0.313644	0.298583	0.197979	0.261226	0.205808	0.297658	0.321883	0.324037	0.292502
0.379944	0.350371	0.294811	0.257791	0.289773	0.314437	0.360352	0.396495	0.354438	0.327538
0.276137	0.327365	0.222374	0.283932	0.363661	0.386944	0.38362	0.334523	0.328056	0.377946
0.234232	0.299568	0.273879	0.374976	0.42047	0.369384	0.389557	0.271938	0.309498	0.399121

0.321608	0.332698	0.374851	0.367817	0.361449	0.277154	0.357622	0.353519	0.369316	0.392988
0.428337	0.393008	0.349055	0.238145	0.304899	0.289658	0.311547	0.411547	0.370553	0.345904
0.36615	0.385664	0.269662	0.165674	0.339787	0.383422	0.349534	0.366662	0.295137	0.389309
0.246211	0.336759	0.290354	0.28425	0.417388	0.39571	0.371176	0.24986	0.244182	0.424032
0.26902	0.282848	0.332468	0.325985	0.346974	0.265881	0.329025	0.245411	0.328337	0.414586
0.336792	0.276556	0.283625	0.217871	0.274471	0.197651	0.267345	0.333799	0.370863	0.322436
0.337107	0.298118	0.236773	0.180384	0.288935	0.225136	0.249169	0.314036	0.296245	0.287888
0.211771	0.2892	0.217053	0.23783	0.31788	0.289979	0.293136	0.234051	0.2007	0.317699
0.154369	0.243662	0.246655	0.256356	0.318499	0.237661	0.280408	0.213172	0.249658	0.314231
0.219628	0.239341	0.30697	0.263156	0.306103	0.199343	0.245353	0.278449	0.322232	0.304454
0.261107	0.292809	0.324424	0.257552	0.279165	0.23276	0.228444	0.303417	0.289221	0.254262
0.247006	0.277813	0.285007	0.20967	0.255527	0.214418	0.265803	0.280587	0.197828	0.263774
0.189518	0.213933	0.193704	0.2229	0.254961	0.216232	0.278695	0.210196	0.148872	0.23246
0.172377	0.157371	0.182751	0.210341	0.229529	0.168899	0.236859	0.166778	0.209963	0.231787
0.192843	0.19967	0.277124	0.243763	0.23464	0.148983	0.20766	0.261462	0.28424	0.206411
0.246069	0.280555	0.287591	0.226285	0.262406	0.216883	0.241341	0.285091	0.247816	0.186304
0.247718	0.277414	0.161398	0.08428	0.259809	0.316243	0.313429	0.246948	0.195157	0.23973
0.233928	0.271805	0.16334	0.131915	0.235549	0.237518	0.29688	0.195218	0.197958	0.2958
0.282445	0.250125	0.312356	0.192635	0.189649	0.108386	0.191115	0.141548	0.193557	0.280775
0.302748	0.244742	0.250356	0.095162	0.170709	0.143215	0.145482	0.143107	0.167172	0.174215
0.227439	0.280308	0.219899	0.093107	0.229192	0.259842	0.206895	0.192414	0.186657	0.189036
0.129875	0.239622	0.284203	0.211524	0.301341	0.293431	0.276556	0.208512	0.186809	0.259305
0.173912	0.205377	0.295801	0.288826	0.308487	0.237803	0.289584	0.193958	0.222888	0.27055
0.283279	0.238583	0.278931	0.244169	0.246298	0.148032	0.197848	0.180054	0.204672	0.201446
0.350681	0.313444	0.295602	0.13683	0.237804	0.211485	0.227808	0.203579	0.208201	0.176206
0.328482	0.295167	0.282342	0.112174	0.290548	0.3184	0.327666	0.26395	0.266087	0.262841
0.289661	0.29725	0.238303	0.21667	0.340874	0.337156	0.331369	0.253092	0.245923	0.359858
0.342386	0.321485	0.274256	0.235377	0.330268	0.260983	0.28828	0.294868	0.303218	0.380977
0.379944	0.360245	0.37951	0.354966	0.353273	0.191229	0.213505	0.374416	0.411026	0.363484
0.362351	0.417169	0.414339	0.323887	0.30852	0.325386	0.308541	0.370069	0.395947	0.341482
0.30913	0.328572	0.355409	0.286772	0.358946	0.365619	0.388996	0.332751	0.287266	0.332349
0.321473	0.318372	0.298915	0.352128	0.419209	0.290944	0.347053	0.317192	0.258722	0.407938
0.395951	0.40297	0.341104	0.395993	0.402379	0.339743	0.330038	0.367834	0.420045	0.465836
0.450564	0.477363	0.386736	0.385578	0.331935	0.418779	0.396595	0.438957	0.492818	0.483924
0.429331	0.406425	0.381235	0.316967	0.332361	0.414434	0.457656	0.461708	0.463217	0.447734
0.340902	0.251424	0.332217	0.335551	0.395167	0.351247	0.364838	0.411417	0.301266	0.368751
0.294868	0.271896	0.282727	0.355341	0.382569	0.34859	0.329793	0.400315	0.328688	0.414415
0.246751	0.268006	0.328677	0.337058	0.349668	0.360561	0.302097	0.365687	0.408441	0.40756
0.311564	0.35019	0.374574	0.307226	0.249225	0.270067	0.303938	0.368578	0.395824	0.378771
0.310707	0.316119	0.313558	0.277271	0.174352	0.293593	0.351074	0.365687	0.369084	0.309818
0.26905	0.212399	0.252323	0.270125	0.242608	0.309636	0.242999	0.256984	0.251715	0.237624
0.258822	0.232758	0.161689	0.242865	0.270072	0.290493	0.202466	0.233161	0.258034	0.186657
0.253711	0.230963	0.173261	0.205906	0.207981	0.243483	0.262287	0.200056	0.257109	0.185749
0.222897	0.218972	0.198085	0.19158	0.124365	0.215446	0.275074	0.270685	0.280039	0.192553
0.183189	0.131709	0.165365	0.213548	0.160389	0.246293	0.231612	0.243791	0.230899	0.173871
0.198248	0.134547	0.092017	0.170964	0.225116	0.219034	0.114183	0.162368	0.183147	0.157751
0.176273	0.181485	0.072967	0.155072	0.213925	0.222267	0.151284	0.141362	0.200071	0.159835

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

130	131	132	133	134	135	136	137	138	139
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.023838	0.011919	0.00596	0.00298	0.00149	7.45E-04	3.72E-04	1.86E-04	9.31E-05	0
0.66978	0.706076	0.649142	0.686066	0.776886	0.763472	0.903387	0.892241	0.990083	2.093033
0.22941	0.194127	0.248695	0.285437	0.283719	0.241531	0.258495	0.287751	0.340745	0.400727
0.044995	0.037802	0.11134	0.162546	0.128941	0.048916	0.08492	0.117674	0.158413	0.167603
-0.03502	0.020912	0.024495	0.092322	0.077792	-0.00402	0.024723	0.063674	0.070311	0.046459
-0.01943	0.02215	-0.00628	0.019586	0.024504	-0.03245	0.008681	0.039414	-0.01126	-0.0368
0.02686	0.016941	-0.00762	-0.00983	-0.03228	-0.07055	-0.01421	0.013522	-0.0426	-0.0339
0.034042	-0.04197	-0.03425	-0.04233	-0.07598	-0.06799	-0.04987	-0.01563	-0.033	-0.01313
-0.00339	-0.0627	-0.07064	-0.06518	-0.06902	-0.07995	-0.07298	-0.06959	-0.02596	0.010195
-0.05445	-0.03155	-0.08145	-0.05601	-0.05777	-0.07408	-0.0657	-0.09625	-0.05214	-0.03345
-0.07987	-0.04065	-0.11991	-0.1075	-0.08605	-0.08006	-0.06877	-0.08328	-0.05977	-0.088
-0.08204	-0.09941	-0.133	-0.10685	-0.10381	-0.09212	-0.07206	-0.06671	-0.03811	-0.0687
-0.07608	-0.1281	-0.10213	-0.07763	-0.11322	-0.09762	-0.10945	-0.09945	-0.07489	-0.0733
-0.08145	-0.11244	-0.12086	-0.09618	-0.14088	-0.10122	-0.11296	-0.09263	-0.09712	-0.12053
-0.10128	-0.10095	-0.12513	-0.08369	-0.13567	-0.10453	-0.10411	-0.09295	-0.09307	-0.1386
-0.12466	-0.13053	-0.09469	-0.10498	-0.115	-0.08615	-0.09636	-0.12534	-0.08576	-0.09188
-0.16092	-0.16738	-0.10082	-0.14259	-0.13251	-0.09284	-0.08365	-0.10752	-0.10624	-0.08535
-0.13892	-0.15187	-0.12413	-0.13686	-0.15861	-0.12659	-0.11462	-0.10335	-0.11404	-0.054
-0.14227	-0.16397	-0.12587	-0.10181	-0.11432	-0.12972	-0.15443	-0.11822	-0.10697	-0.05961
-0.14957	-0.1636	-0.13741	-0.14136	-0.13406	-0.12433	-0.147	-0.11224	-0.11092	-0.04204
-0.16174	-0.13895	-0.13357	-0.17604	-0.13895	-0.10478	-0.12762	-0.08726	-0.0939	-0.04391
-0.16275	-0.13409	-0.1404	-0.18043	-0.13988	-0.13406	-0.1318	-0.11784	-0.10614	-0.05965
-0.14433	-0.13676	-0.13171	-0.1646	-0.12636	-0.16077	-0.15412	-0.14153	-0.13269	-0.06701
-0.1335	-0.14702	-0.15942	-0.16026	-0.1381	-0.16714	-0.17359	-0.118	-0.13487	-0.07216

-0.20175	-0.15155	-0.18575	-0.15793	-0.14455	-0.17866	-0.17052	-0.11755	-0.13807	-0.09562
-0.22292	-0.14085	-0.16652	-0.16674	-0.12626	-0.17247	-0.17379	-0.14466	-0.14213	-0.09356
-0.1912	-0.1526	-0.15408	-0.16967	-0.13413	-0.16588	-0.15159	-0.15784	-0.14314	-0.09531
-0.17092	-0.16306	-0.13468	-0.15098	-0.14617	-0.15784	-0.16345	-0.18417	-0.16643	-0.15311
-0.19581	-0.18136	-0.14987	-0.13994	-0.1217	-0.13981	-0.17267	-0.15709	-0.14881	-0.17223
-0.22437	-0.18101	-0.18145	-0.16432	-0.11967	-0.1375	-0.15205	-0.12886	-0.13476	-0.15487
-0.18962	-0.17369	-0.19427	-0.17616	-0.13322	-0.15301	-0.13836	-0.15644	-0.12573	-0.12844
-0.15831	-0.15618	-0.16628	-0.16167	-0.12126	-0.14093	-0.16046	-0.15993	-0.13319	-0.12445
-0.15114	-0.13771	-0.13198	-0.14515	-0.11989	-0.13742	-0.1622	-0.12455	-0.12898	-0.10157
-0.17557	-0.14029	-0.13695	-0.13835	-0.1344	-0.1367	-0.15965	-0.13097	-0.13579	-0.07845
-0.17145	-0.15768	-0.15807	-0.14733	-0.13051	-0.1439	-0.13497	-0.1478	-0.13472	-0.06803
-0.15815	-0.15794	-0.14079	-0.15372	-0.12948	-0.14976	-0.12133	-0.15895	-0.15796	-0.10276
-0.14238	-0.14901	-0.116	-0.14774	-0.15281	-0.18194	-0.15333	-0.14801	-0.15255	-0.12355
-0.13924	-0.11815	-0.12516	-0.13462	-0.13951	-0.18431	-0.14753	-0.12416	-0.15662	-0.12644
-0.14055	-0.11793	-0.15401	-0.12082	-0.09898	-0.14644	-0.11444	-0.11846	-0.14821	-0.11791
-0.12209	-0.11225	-0.13662	-0.10334	-0.08931	-0.11016	-0.09363	-0.1048	-0.10463	-0.09212
-0.11152	-0.08851	-0.07916	-0.08992	-0.07444	-0.10823	-0.11278	-0.10922	-0.07574	-0.07349
-0.09372	-0.07647	-0.05734	-0.08834	-0.04885	-0.10011	-0.0844	-0.09036	-0.0764	-0.08281
-0.12503	-0.11492	-0.09562	-0.08416	-0.05082	-0.08575	-0.04043	-0.06236	-0.09427	-0.08345
-0.16066	-0.15213	-0.10945	-0.07593	-0.0689	-0.10327	-0.07684	-0.09523	-0.09379	-0.0764
-0.13885	-0.11038	-0.09338	-0.08414	-0.0786	-0.14171	-0.12118	-0.1239	-0.08171	-0.07737
-0.08327	-0.04497	-0.06751	-0.0765	-0.06763	-0.14177	-0.08232	-0.10153	-0.06678	-0.07254
-0.05868	-0.02206	-0.05596	-0.06403	-0.04776	-0.11715	-0.04128	-0.07582	-0.06654	-0.05503
-0.08437	-0.05658	-0.06555	-0.06291	-0.04822	-0.09157	-0.05042	-0.09994	-0.06202	-0.0267
-0.09849	-0.06343	-0.07634	-0.05491	-0.04801	-0.06677	-0.0553	-0.10292	-0.06419	-0.05302
-0.10742	-0.05665	-0.09519	-0.08359	-0.0486	-0.07355	-0.03649	-0.07568	-0.07614	-0.07676
-0.0842	-0.04755	-0.09214	-0.07269	-0.05123	-0.07752	-0.0352	-0.05755	-0.0645	-0.07083
-0.05738	-0.06156	-0.10125	-0.0456	-0.04531	-0.08148	-0.06531	-0.09533	-0.06843	-0.05679
-0.07108	-0.06446	-0.0903	-0.05665	-0.10548	-0.08811	-0.05557	-0.09206	-0.05877	-0.05036
-0.06746	-0.0481	-0.08306	-0.08541	-0.12712	-0.09192	-0.05753	-0.08381	-0.0451	-0.05852
-0.04128	-0.03294	-0.09148	-0.09034	-0.06062	-0.066	-0.04472	-0.08898	-0.0541	-0.06987
-0.07077	-0.03433	-0.09435	-0.07172	-0.01577	-0.03751	-0.00991	-0.06488	-0.04844	-0.06505
-0.09601	-0.05718	-0.077	-0.04	-0.02601	-0.07065	-0.02368	-0.0675	-0.05028	-0.03076
-0.07925	-0.0497	-0.04417	-0.01678	-0.05927	-0.09181	-0.07956	-0.10155	-0.06958	-0.04542
-0.06298	-0.03745	-0.03205	-0.03898	-0.04488	-0.07235	-0.0833	-0.13335	-0.06518	-0.07886
-0.04468	-0.01859	-0.0307	-0.0539	-0.01286	-0.05576	-0.05271	-0.11793	-0.06447	-0.06552
-0.06791	-0.03801	-0.05802	-0.05314	-0.00309	-0.05523	-0.04328	-0.07991	-0.04189	-0.03621
-0.10822	-0.08011	-0.07141	-0.02688	-0.02718	-0.04294	-0.05065	-0.08553	-0.02537	-0.03655
-0.08152	-0.04515	-0.07266	-0.06544	-0.04486	-0.04587	-0.04768	-0.07254	-0.05172	-0.07288
-0.02938	0.001361	-0.07865	-0.09513	-0.02775	-0.05554	-0.0298	-0.07105	-0.05275	-0.07901
-0.02673	-0.02196	-0.08409	-0.05263	-0.02345	-0.04771	-0.01175	-0.07213	-0.03268	-0.06167
-0.07094	-0.07002	-0.07601	-0.03311	-0.03664	-0.04228	-0.01691	-0.06727	-0.02454	-0.05543
-0.087	-0.0549	-0.03908	-0.0331	-0.06368	-0.04578	-0.05362	-0.06133	0.007872	-0.03588
-0.04787	-0.01532	-0.03731	-0.0356	-0.06424	-0.06078	-0.06599	-0.05884	-0.01041	-0.0629
-1.61E-04	3.63E-04	-0.04286	-0.01645	-0.04198	-0.05901	-0.03574	-0.04634	-0.05553	-0.10106
-0.03083	-0.04584	-0.06487	-0.02072	-0.02879	-0.00585	-0.01178	-0.05047	-0.04619	-0.08426
-0.06552	-0.05591	-0.06609	-0.04962	-0.04557	-0.00245	-0.05374	-0.06531	-0.0348	-0.07791

-0.03826	-0.01466	-0.04016	-0.05121	-0.067	-0.02314	-0.06705	-0.08959	-0.05132	-0.07949
0.001596	-0.01458	-0.0348	-0.00533	-0.05211	-0.01629	-0.04859	-0.07621	-0.06692	-0.06368
-3.30E-04	-0.06536	-0.03492	0.021252	-0.0347	-0.01942	-0.05199	-0.0537	-0.04593	-0.05095
-0.03541	-0.09034	-0.05636	0.001235	-0.04131	-0.01776	-0.07154	-0.02537	-0.00956	-0.05318
-0.03826	-0.0593	-0.04846	-0.0218	-0.04368	-0.04512	-0.07849	0.013607	0.017038	-0.04798
-0.02657	-0.01696	-0.03983	-0.03162	-0.06347	-0.0634	-0.08211	-0.00556	0.00445	-0.03752
-0.01377	-0.02949	-0.04079	-0.02755	-0.06816	-0.02586	-0.04451	-0.02737	-0.0269	-0.07367
-0.007	-0.02915	0.008262	-0.00421	-0.03884	-0.00502	-0.02859	-0.04055	-0.01236	-0.07731
-0.01151	-0.01642	0.03017	-0.03206	-0.01988	-0.01802	-0.05704	-0.03234	-0.00751	-0.05302
-0.02503	-0.01501	-0.01726	-0.0725	-0.03044	-0.01183	-0.03502	3.82E-04	-0.01866	-0.04249
-0.04261	-0.02407	-0.04559	-0.03584	-0.0239	0.013937	-0.04594	-0.00235	-0.03685	-0.0507
-0.01525	-0.03952	-0.01406	0.003681	-0.0179	0.021721	-0.05302	-0.00761	-0.02653	-0.03729
0.021476	-0.04672	0.007737	0.003436	0.009301	0.016349	-0.03548	3.62E-05	5.31E-04	0.003903
0.021352	-0.04482	-0.00558	-0.01979	0.01858	-0.02242	-0.05191	-0.01723	-0.03313	-0.01034
0.005062	-0.0298	2.63E-04	-0.03319	-0.01313	-0.01301	-0.04744	-0.03401	-0.08317	-0.02948
2.44E-04	-0.02119	0.007311	-0.00736	-0.03059	0.019227	-0.03094	-0.02748	-0.05216	-0.02892
0.018122	-0.03975	0.022506	0.002718	-0.02255	0.010548	-0.02216	0.011792	0.021282	0.001082
-0.02458	-0.05592	0.029635	0.020656	0.002527	0.00656	-0.02627	-0.00159	0.043003	0.045527
-0.03533	-0.05646	0.02615	0.021661	0.006805	-0.01328	-0.03619	-0.01737	-0.02716	0.026901
0.013452	0.002695	0.023253	-0.01048	-0.0114	-0.03365	-0.03915	0.007229	-0.05355	0.002912
0.02783	0.006858	0.02412	0.00601	-0.0082	-0.01364	-0.01736	0.019581	-0.01515	-0.00575
0.017244	-0.04624	0.027109	0.039315	0.022279	0.031879	0.003104	0.022191	0.015237	0.015442
8.01E-04	-0.05452	0.00984	-0.01589	0.028707	0.031539	-0.00328	0.012758	-8.28E-04	0.032998
-0.04223	-0.04908	2.15E-04	-0.03005	0.019519	-0.00151	-0.0097	-0.01686	-0.03525	0.02862
-0.0334	-0.05493	8.57E-05	-0.01251	0.009752	0.002693	-0.01837	-0.01845	-0.01709	0.020922
0.0019	-0.04548	0.026253	-0.04086	-0.01431	0.006459	-0.04501	-0.00349	-0.02104	-0.01543
-0.02848	-0.01583	0.059068	-0.00816	0.021935	0.007	-0.03865	0.018823	-0.01017	0.0055
-0.03237	-0.01331	0.025979	0.032569	0.059986	0.005363	-0.02388	0.034946	0.001992	0.038055
0.014933	0.001711	-3.01E-04	-0.00238	0.017388	-0.0196	-0.02522	0.014697	-0.04104	3.39E-04
0.032149	0.018359	0.026766	-0.02251	0.00576	-0.032	-0.02217	0.00656	-0.07122	-0.02679
0.012098	-0.01184	0.042031	-0.00642	0.020083	-0.02318	-0.0334	0.007866	-0.05588	-0.00584
0.007303	0.01328	0.031968	0.017725	0.019776	-0.0433	-0.03494	0.007162	-0.03176	-6.45E-05
-0.00137	0.038328	0.003692	-0.03216	-0.01275	-0.04926	-0.00134	-7.05E-04	-0.01076	-0.01654
-0.04265	-0.00517	-0.00221	-0.06537	-0.02643	-0.01554	0.017703	-0.03001	-0.01898	-0.02395
-0.04833	-0.00695	0.009708	-0.02064	0.019998	0.01459	0.013366	-0.03873	-0.04324	-0.00824
-0.03262	0.031991	0.029032	0.019163	0.023951	-8.09E-04	0.002517	-0.05812	-0.03511	0.014324
-0.03966	0.014205	0.032436	0.027599	0.024676	-0.01779	0.026386	-0.04654	-0.02232	0.027983
-0.03547	0.006739	0.007148	0.011553	0.005297	-0.03177	0.025218	-0.03255	-0.00507	0.01772
-0.00725	0.031366	-0.01222	-0.02819	0.014507	-0.00147	-0.01432	-0.05566	0.00247	0.006595
-0.01579	0.006268	-0.03924	-0.05394	0.025317	-0.0068	-0.00482	-0.03019	0.013646	0.00998
-0.04348	0.02278	0.010186	-0.01018	0.006987	-0.03434	0.023156	0.01142	0.047912	0.020753
-0.00785	0.06385	0.0362	0.044925	0.012939	8.05E-04	0.026882	-0.00452	0.05512	0.033486
0.020025	0.033692	-0.02027	0.037596	0.024642	0.028135	0.009311	-0.0325	0.024319	-0.0044
-0.01108	0.019121	-0.05723	-0.00543	0.023675	0.001405	-0.02796	-0.06497	-0.02486	-0.03493
-0.02768	0.029177	-0.03646	-0.00471	0.030947	-0.00575	-0.02273	-0.08342	-0.03585	-0.00101
-0.05902	0.011214	-0.00545	0.02498	-0.00897	-0.0305	0.00307	-0.01898	0.003773	0.039024
-0.06184	-0.01313	-0.03689	0.017792	-0.03426	-0.03037	0.010266	0.015823	0.044742	0.012844

-0.04089	-0.02495	-0.05867	0.015568	-0.00918	0.011692	0.008409	-0.01301	0.041973	3.71E-04
-0.01793	-0.01005	-0.05235	0.024431	-8.12E-04	0.013525	-0.01279	-0.0245	0.020286	0.012279
-0.01507	2.46E-04	-0.01635	0.034531	0.01309	0.005868	-0.01259	-0.01467	0.03942	0.005435
-0.02172	-0.01642	-0.00634	0.043561	0.008417	0.009085	0.014951	0.051523	0.081702	0.004994
-0.00142	-0.02711	-0.04043	4.72E-04	-0.01276	0.011436	0.025872	0.060557	0.035991	0.006366
-0.01943	-0.02505	-0.05982	-0.02483	-0.02142	0.003279	-0.02974	-0.01006	-0.00553	-0.00151
-0.03085	-0.02075	-0.04428	2.28E-04	-0.03869	-0.01401	-0.04054	-0.02294	-0.00238	-0.00272
0.017841	0.010074	-0.01035	0.029434	-0.03851	-0.0117	-0.01735	0.020409	0.016222	-0.02465
0.036676	0.002445	-7.51E-04	0.020452	-0.0315	-0.00796	0.004989	0.051839	0.03951	-0.01956
0.006995	-0.02381	-0.01306	-0.00297	-0.00729	0.00883	-0.00268	0.038135	-0.01824	-0.02315
-0.01116	-0.02059	-0.00631	0.00578	-0.03347	-0.02204	-0.03063	-0.01655	-0.05832	-0.02417
0.012011	-0.00209	0.026082	0.036731	-0.05753	-0.02207	-0.0252	-0.0311	-0.01035	0.013675
0.014951	0.012596	0.047044	0.027547	-0.00817	0.028331	-0.02974	-0.01199	0.004169	-0.02705
0.015108	-5.50E-04	0.028447	0.012753	0.031123	0.048413	0.004803	0.026459	-0.0224	-0.04223
0.015195	-0.01432	-0.00328	0.009211	0.018342	0.034898	0.030354	0.016387	9.57E-04	0.011087
-0.00833	-0.07043	-0.01016	-0.01964	-0.00748	0.001606	-0.00252	8.61E-04	0.006324	0.041411
-0.00494	-0.05755	-0.0061	-0.00856	-0.02453	-0.00658	-0.0486	0.014424	-0.02241	0.00942
0.010557	-0.01612	-0.00626	-0.00872	-0.01257	0.00506	-0.04906	0.022694	-0.02551	-0.00422
-0.02233	-0.04987	-0.01316	-0.02627	0.012165	0.009918	-0.01686	0.013692	-0.0348	0.021295
-0.02226	-0.0523	-0.00746	-0.03557	0.014017	-0.00699	-0.0446	0.009177	-0.03781	0.004717
0.003479	-0.03309	0.028379	-0.0077	0.005595	-0.00506	-0.08012	-0.00932	-0.03137	-0.00513
0.010522	-0.0072	0.051734	-2.26E-04	0.006622	2.88E-04	-0.0504	-0.00576	3.34E-04	0.011153
-0.00659	-0.00814	0.020459	-0.015	0.020255	0.001572	-0.00978	0.023423	-0.04616	-0.0199
-0.02866	-0.05481	-0.00184	9.10E-04	0.008417	-0.04469	-0.01923	0.019822	-0.06825	-0.03031
-0.05067	-0.0878	0.00314	-0.00525	-0.0065	-0.05182	-0.05779	0.001175	-0.0183	-0.00214
-0.04151	-0.07059	0.017935	0.005813	-0.00119	-0.00154	-0.06176	-0.02261	-0.02807	0.005484
0.017454	-0.00752	0.022082	-0.0338	0.013967	0.020743	-0.01752	-0.00298	-0.02358	-0.00201
-0.03605	-0.02943	-0.01783	-0.07723	0.024331	0.028562	0.032559	0.038945	0.011219	0.043384
-0.06295	-0.0708	-0.03603	-0.0626	0.016471	0.016626	0.015469	0.00842	-0.01236	0.062133
-0.00205	-0.02564	-0.00336	-0.0343	-0.00104	-0.01985	-0.03539	-0.01528	-0.03863	0.03102
0.014131	0.001461	0.004114	-0.04035	-0.02897	-0.05582	-0.06613	-4.91E-04	-0.02802	-0.00624
-0.01128	2.13E-04	-0.00838	-0.04339	-0.05089	-0.07077	-0.07868	0.01829	-0.01046	0.002198
-0.06282	-0.01736	-0.01484	-0.00549	-0.00343	-0.03434	-0.03842	0.023632	-0.02828	0.018358
-0.06981	-0.03014	0.023389	0.022839	0.02634	-0.03155	-0.00972	-0.01107	-0.04132	0.007661
-0.04008	-0.0347	0.028482	-0.02267	-0.01742	-0.06571	-0.05805	-0.01598	-0.02963	0.002506
0.016297	-0.01956	0.007967	-0.04603	0.003926	-0.02044	-0.04558	6.30E-04	0.009944	0.019571
0.012514	-0.01107	-0.01752	-0.06554	0.048948	0.053992	0.029943	0.00225	-0.01202	0.03427
-0.01177	-0.01604	-0.01507	-0.05255	0.034665	0.005312	0.011873	-0.02319	-0.06558	0.03154
-0.02655	-0.04457	0.003059	-0.02359	-6.33E-04	-0.05735	-0.03574	-0.04041	-0.06205	0.021803
-0.02855	-0.04157	0.010483	-0.034	0.002774	-0.05885	-0.03663	0.005824	-0.01272	0.015743
1.09E-04	-0.02497	0.01012	-0.05235	-0.01387	-0.04163	-0.05735	0.019925	0.015322	0.019419
-0.01525	-0.02951	-0.02648	-0.05846	-0.01848	-0.00991	-0.03117	0.001439	-0.01269	0.00599
0.002969	0.002912	-0.01542	-0.02024	0.015962	-0.01375	-0.01303	-0.01956	-0.03246	0.005974
0.032203	-0.01187	5.15E-06	0.010804	0.034117	-0.01183	-0.04279	-0.03817	-0.05264	0.007956
0.050131	-0.01267	0.011193	0.003502	0.030579	0.015538	-0.0305	0.006359	-0.03007	0.017384
0.054909	0.008276	0.039255	-0.01269	0.011896	0.002877	-0.01851	0.051004	0.011673	0.019436
0.009211	-0.01225	0.033253	0.007063	0.014642	-0.00809	-0.01107	0.034946	0.010699	0.039995

0.011647	-0.00138	0.031362	0.019722	0.019553	-0.03702	-0.0159	0.003062	0.017328	0.067505
0.055349	0.051976	0.067976	-5.82E-04	0.00335	-0.04774	-0.03594	-0.00388	-2.88E-04	0.042957
0.059255	0.056112	0.090463	0.006487	0.007569	0.019279	-0.00626	0.021498	-0.01469	-0.01346
0.010505	0.002077	0.030083	0.002343	0.015623	0.03723	0.024177	0.043001	-0.03863	-0.0067
-0.00652	-0.00728	-0.01503	-0.0112	0.018939	-0.00111	0.020911	0.004674	-0.04129	0.032842
-0.00215	0.008869	0.026852	-0.00551	0.031105	-0.00517	0.020054	-0.00624	-0.01075	0.04517
0.00775	0.026346	0.062141	-0.01071	0.026983	-0.00328	0.011445	0.033288	-0.00306	0.033364
0.026161	0.044794	0.061157	-9.06E-04	0.013983	0.009255	0.016022	0.044568	0.017192	0.014008
-0.00231	0.008818	0.024597	0.016325	0.038701	0.031736	0.045972	0.071042	0.049377	0.046926
-0.01993	-0.02466	0.019263	0.053515	0.059405	-0.01139	0.022663	0.009901	0.009961	0.057048
-0.00519	-0.00379	0.058755	0.060672	0.066411	-0.02676	-0.0235	-0.02622	0.003525	0.034113
0.006635	0.008107	0.059677	0.023215	0.083754	0.020376	-0.00549	0.02155	0.030248	0.029413
3.79E-04	0.022133	0.024222	-0.01168	0.083952	0.042538	0.03427	0.057124	0.01292	0.028362
-0.0039	0.025253	0.001279	-0.02109	0.059237	0.009459	0.057751	0.021359	-0.02848	0.024336
-0.00978	-0.01379	0.003659	-0.04093	0.019553	-0.01886	0.032433	-0.00249	-0.04597	-0.01628
-0.0118	-0.0121	0.018506	-0.05534	0.002264	-0.03678	-0.02608	-0.01104	-0.01622	-0.01588
0.001731	0.013331	0.034645	-0.01981	0.017626	-0.01794	-0.02704	-0.00385	-0.00993	-8.38E-04
-0.01517	0.022482	-2.36E-04	-0.01732	0.031702	0.026541	0.035969	0.045738	1.54E-04	0.015693
-0.01898	0.003531	-0.00952	0.01369	0.030018	-0.01377	0.031518	0.017809	0.022677	0.059962
-0.01525	-0.01053	0.027675	0.041647	0.022469	-0.04735	-0.00784	-0.01968	0.026681	0.043776
-0.0011	0.01539	0.042635	0.003763	0.034117	-0.0239	-0.00455	-0.02453	0.012785	0.010013
0.01189	0.027936	0.006265	-0.0162	0.021146	-0.03984	0.013023	-0.01135	0.001023	0.019015
-0.04077	0.001444	-0.01621	-0.01737	0.021626	-0.02535	0.020072	0.005057	0.00629	0.060611
-0.08259	-0.02113	0.016261	0.006388	0.026027	0.002743	0.010334	-0.01958	-0.00384	0.05115
-0.04483	0.012544	0.039291	0.010522	0.01681	-0.00739	0.002987	-0.01901	0.002733	0.003431
-0.01093	0.016406	0.008771	-0.02085	0.02154	-0.03922	0.006069	-0.00151	0.042443	0.021142
-0.02736	-0.01435	-0.0305	-0.01223	0.008268	-0.06099	-0.0083	-0.02658	0.02743	0.044705
-0.05399	-0.01969	-0.04087	-0.00118	0.015149	-0.02333	-0.01979	-0.05454	0.004914	0.027983
-0.06369	0.006436	-0.00846	0.007921	0.004553	-0.00934	-0.01532	-0.03331	0.016035	0.002101
-0.0282	0.020859	0.007213	0.010007	-0.04359	-0.05785	0.015867	0.001736	0.020303	-0.02016
0.004755	0.024146	-0.00181	-0.00642	-0.05921	-0.05392	0.028962	0.002481	0.016817	-0.00767
0.020874	0.023375	-0.00854	0.007476	0.023278	0.009799	0.021698	-0.04342	0.031566	0.024217
0.012792	0.037096	0.002978	0.026322	0.032459	0.017578	0.010556	-0.0489	0.030195	0.067147
-0.0217	0.053813	0.022066	0.028723	-0.01998	-0.02025	0.024159	0.004807	0.024631	0.034811
-0.02294	0.043985	0.008968	0.013823	-0.03155	-0.0399	0.048798	0.009076	0.018232	4.84E-05
0.005114	0.008124	-0.05801	-0.01319	-0.0482	-0.03308	0.011445	-0.02587	0.017959	0.01155
0.005934	-0.02037	-0.05718	0.001626	-4.51E-05	-0.00298	-0.03433	-0.03389	0.030529	0.031939
-0.01945	0.010652	-0.00762	0.029521	0.013832	0.004387	-0.01313	-0.0079	0.02099	-0.00248
-0.04931	0.043214	0.010417	0.015282	-0.01092	-0.00453	0.016438	-0.0045	0.013612	-0.04522
-0.00258	0.055395	0.013561	0.042075	0.015149	0.008558	0.031751	-0.02001	0.00639	-0.02068
0.031405	0.014033	-0.00745	0.031958	0.006324	0.016747	0.01237	-0.0274	0.01137	0.012495
-0.01217	-0.01191	0.003026	0.027979	0.009018	0.028988	-0.01076	-0.00261	0.041667	0.039536
-0.02504	0.029088	0.023814	0.043202	0.017865	0.028064	0.010522	0.027143	0.051105	0.039253
0.017893	0.05702	0.018674	0.05794	0.005214	0.008881	-0.01387	-0.00123	0.010766	-0.00159
0.053152	0.0657	0.015993	0.06284	0.020768	0.035331	-0.02931	-0.04185	0.006956	0.002668
0.034772	0.03585	0.006918	0.059703	0.056437	0.067852	-0.04484	-0.06299	0.007405	0.001114
0.043445	0.027547	0.026287	0.067702	0.059293	0.040469	-0.02641	-0.03093	4.65E-04	0.017888

0.095207	0.038255	0.037953	0.041665	0.009034	0.038083	0.032487	0.044312	-0.01542	0.015743
0.106029	0.05295	0.025774	0.044763	-0.00518	0.058747	0.03326	0.033644	-0.02373	-0.03106
0.08128	0.030244	0.051335	0.042934	2.16E-04	0.061998	0.002752	0.028495	0.016171	-0.01539
0.057924	0.016079	0.073241	0.04642	0.010304	0.043825	-0.01161	0.013641	0.052433	0.053459
0.066153	0.023445	0.042635	0.022514	-0.01859	0.009867	4.42E-04	-0.01237	0.038846	0.080329
0.055081	0.01484	0.010829	5.53E-04	-0.0504	0.011572	-0.00283	0.019116	0.020526	0.061186
0.031858	-0.01421	0.02615	0.003158	-0.00902	0.046613	-0.00496	0.058799	0.028461	0.035283
0.020255	-0.01937	0.060805	0.04374	0.052105	0.058633	0.009788	0.059724	0.002338	0.043367
0.053953	0.033746	0.064301	0.040969	0.033569	0.017491	-0.01667	0.021757	0.014017	0.082722
0.099194	0.068062	0.059068	0.008748	0.010739	0.037629	-0.0052	0.009597	0.024406	0.041535
0.095039	0.033011	0.077512	0.016898	0.045288	0.066493	0.048258	0.02452	3.93E-05	0.028585
0.058502	-0.00461	0.079576	0.061736	0.099655	0.061346	0.04085	0.008454	-0.02404	0.052003
0.037981	0.018151	0.074348	0.064775	0.087275	0.019836	0.033081	0.021602	0.008472	0.04458
0.05422	0.078517	0.078456	0.004352	0.039165	0.002124	0.041198	0.053829	0.075637	0.043277
0.061329	0.034716	0.042226	-0.00199	0.071891	0.039411	0.054696	0.039414	0.068083	0.048528
0.057173	0.028716	0.060972	0.039848	0.118407	0.051625	0.052733	0.055361	0.045869	0.08095
0.041288	0.048937	0.097197	0.079886	0.121033	0.03145	-0.01638	0.070518	0.05788	0.078452
0.026842	0.06088	0.070014	0.065396	0.060493	0.009221	-0.01203	0.064285	0.073809	0.0545
0.013139	0.081451	0.024665	-0.00452	0.047269	0.040378	0.066134	0.084099	0.090466	0.038248
0.01777	0.051583	0.021896	0.012486	0.102583	0.073393	0.10088	0.050541	0.051695	0.045438
0.020626	0.056339	0.07328	0.09076	0.115008	0.026523	0.043901	0.01514	0.053358	0.086837
0.023127	0.092648	0.063015	0.106468	0.09004	-0.0029	0.037384	0.023423	0.052895	0.089563
0.07428	0.078239	0.017382	0.058663	0.05963	0.042135	0.088564	0.037129	0.061091	0.037176
0.034644	0.080151	0.035466	0.061811	0.048308	0.06908	0.089444	0.022937	0.065943	0.010971
0.011318	0.08679	0.043221	0.100644	0.048546	0.039995	0.059353	-0.01391	0.065924	0.062822
0.044378	0.081311	0.033322	0.094493	0.053359	0.015262	0.055813	0.004092	0.079966	0.078664
0.069742	0.060994	0.016227	0.065057	0.009068	0.02865	0.072825	0.042619	0.07861	0.027725
0.046606	0.044923	-0.01136	0.048047	0.03658	0.074734	0.076209	0.052321	0.068275	-0.00713
0.006105	0.064928	0.007639	0.07868	0.087835	0.081607	0.052508	0.002283	0.05116	0.027227
0.053991	0.079453	0.027709	0.107215	0.075103	0.056733	0.070956	0.010845	0.060997	0.053186
0.086044	0.081812	0.043666	0.094796	0.051737	0.069119	0.093126	0.066967	0.096681	0.047393
0.061484	0.029621	0.008804	0.050681	0.045505	0.092834	0.06123	0.039342	0.098033	0.064334
0.056346	0.01263	-0.02749	0.049735	0.030246	0.06171	0.005292	0.008051	0.035049	0.064633
0.05445	0.065179	0.031674	0.083016	0.005099	0.022877	-0.00664	0.03288	0.029336	0.027279
0.042216	0.069093	0.081126	0.122207	0.040921	0.058348	0.031052	0.062037	0.061468	0.028671
0.045294	0.025289	0.066397	0.08813	0.044889	0.069587	0.075693	0.088399	0.071815	0.041039
0.043613	0.008801	0.052278	0.05657	0.030842	0.049195	0.02298	0.07048	0.037916	0.053423
0.01698	0.011401	0.059068	0.072696	0.031896	0.061787	-0.02943	0.024782	0.037381	0.084794
0.02082	0.017044	0.069598	0.088746	0.040222	0.079464	1.09E-04	0.06179	0.075462	0.098491
0.046775	0.031974	0.067355	0.046926	0.024971	0.083095	0.020998	0.068469	0.06062	0.047375
0.028748	0.010499	0.052042	0.014393	0.043279	0.088345	0.036821	0.048621	0.019087	0.03809
0.014864	0.010822	0.062754	0.039297	0.062036	0.075348	0.063174	0.077	0.025169	0.082293
0.036089	0.028414	0.08685	0.078039	0.066069	0.038029	0.030122	0.068913	0.029038	0.1018
0.062281	0.03477	0.090443	0.071509	0.072431	0.059205	0.013263	0.068701	0.022436	0.063568
-0.0034	0.008107	0.034767	-0.01456	0.072469	0.100588	0.041161	0.089531	0.042262	0.06512
-0.03281	-0.04151	0.00267	-0.02177	0.080733	0.051887	0.035552	0.042383	0.046524	0.096071
-3.13E-04	-0.02884	0.024682	0.002277	0.03829	-0.01061	0.018155	-0.00398	0.031443	0.091867

0.038423	0.051434	0.056347	0.004598	0.013494	-0.02122	0.016888	0.025882	0.038471	0.086286
0.035631	0.042555	0.045182	-0.00288	0.066202	0.008304	0.029818	0.057481	0.018061	0.057692
-0.0316	-0.01043	0.009774	0.00244	0.073533	0.036415	0.03014	0.012928	-0.00473	0.057986
-0.02189	-0.03107	0.047457	0.056127	0.055749	-2.61E-04	0.037057	0.016798	0.010581	0.059019
0.01828	-0.00852	0.067769	0.058477	0.050854	-0.02928	0.001411	0.038315	0.002486	0.051803
0.007063	0.019191	0.034942	0.003126	0.048254	-0.00871	-0.01087	0.033911	0.004864	0.047232
-0.02051	0.015304	-0.00386	-0.01401	0.044418	-0.0358	-0.01053	0.019512	-0.02905	0.061074
-0.02785	0.00706	-0.00682	-0.00275	0.047068	-0.02579	0.008919	-0.00945	-0.0224	0.069165
-0.00609	0.040837	0.003984	-0.01321	0.017848	0.011419	0.023173	-0.01359	0.047948	0.046657
0.044938	0.0744	0.021608	-0.00307	0.002873	-0.03235	0.033386	0.006861	0.068466	0.008876
0.038847	0.045199	0.021845	0.03622	0.037096	-0.02813	0.018921	-0.02774	0.02285	0.015943
0.016385	9.95E-04	0.01621	0.030355	0.074288	0.033602	0.013969	-0.05313	-0.00728	0.03973
0.016262	0.043636	0.044593	0.044368	0.045143	0.021616	0.015089	-0.02439	8.92E-04	0.045438
-0.00416	0.066376	0.013395	0.052526	0.012148	-0.01996	0.013831	-0.0186	0.012684	0.011617
-0.01821	0.035616	-0.05235	0.033391	0.025767	-0.02972	0.031715	-9.18E-04	0.026072	-0.03098
-0.03125	-0.0053	-0.05397	0.031905	0.023468	-0.02632	0.015055	-0.02015	0.030722	0.016914
-0.03931	-0.03646	-0.03169	0.031295	0.037506	0.043861	3.59E-04	-0.0463	0.046852	0.041677
-0.01545	-0.02255	-0.01284	0.019146	-0.00246	0.016159	-0.00174	-0.01469	0.06281	0.014241
0.021298	0.016596	0.005661	0.024328	-0.00769	-0.00956	-0.0163	-0.02557	0.030546	-0.0171
0.028946	0.024867	-0.00437	0.060225	0.041352	0.023421	-0.01209	-0.04862	0.002519	-0.04315
0.008936	-6.99E-04	-0.02053	0.059759	0.051479	0.051831	0.001696	-0.02794	0.032077	-0.03017
0.004892	0.029532	0.009313	0.04651	0.022899	0.039065	-0.02217	-0.02034	0.045359	0.022719
0.027992	0.071572	-0.00213	0.029486	-0.03036	-0.00463	-0.01353	-0.03417	0.030335	0.027227
0.032058	0.070321	-0.0236	0.023146	-0.07451	0.00624	0.020526	-0.02331	0.012464	-0.00621
0.026609	0.045144	-0.00413	0.031103	-0.03875	0.020603	0.039442	-0.00364	0.027082	7.26E-04
0.023839	-0.00448	-5.92E-05	0.044368	0.030211	0.028704	0.041198	0.018703	0.046871	0.001858
0.012202	-0.00283	0.021169	0.045825	0.009652	0.002793	0.017964	0.045591	0.044161	0.002004
0.035393	0.031438	0.01012	0.015383	-0.05592	-0.02376	0.024618	0.04875	0.018539	-0.0273
0.073121	0.068218	0.032714	0.052581	-0.03766	0.007457	0.026191	0.032081	0.011253	-0.03218
0.062087	0.00706	0.052896	0.083193	0.005231	0.035494	-0.0259	0.021913	0.063473	0.044508
0.001714	-0.03008	0.041996	0.088051	0.059799	0.056562	-0.03526	0.044549	0.086691	0.065626
0.010661	-0.02616	0.040986	0.047106	0.024504	0.047651	0.020771	0.051579	0.048589	0.014124
0.064252	0.011554	-0.00862	0.024911	-0.03652	0.03685	-0.00381	0.028249	0.016341	-0.02027
0.095018	0.025148	-0.00555	0.046673	-0.00288	0.064365	-5.25E-04	-0.00403	0.011421	-0.02245
0.053762	0.003196	0.074348	0.086643	0.070889	0.09337	0.019112	-0.00555	0.027919	0.002895
0.019231	0.032599	0.099074	0.066812	0.036403	0.032704	-0.00831	0.034286	0.067127	0.035755
0.027417	0.052594	0.072385	0.043543	-6.82E-04	0.006696	-0.03264	0.030134	0.072724	0.056937
0.04101	0.011265	0.029015	0.072715	0.046541	0.068086	-0.00764	0.021065	0.043111	0.011998
0.028406	-0.01152	0.031172	0.061176	0.084329	0.087815	0.051399	0.014782	0.057226	0.013924
0.013522	0.027105	0.055944	0.05008	0.052436	0.032094	0.038585	0.036538	0.07085	0.063568
0.032585	0.037386	0.065423	0.035638	0.021695	0.0106	-0.00287	0.047149	0.016902	0.057379
0.058599	0.028202	0.06138	0.0281	-0.02515	0.028526	-0.01373	0.036771	-0.02087	0.01291
0.045594	-0.01609	0.02127	0.067323	-0.01087	0.044009	-0.02837	0.016336	-0.02078	9.04E-04
0.029451	-0.01111	0.04388	0.096959	0.058582	0.06079	-0.00988	0.022503	-7.30E-04	0.028792
0.037447	0.017131	0.068522	0.052782	0.042432	0.026081	2.59E-04	0.047737	0.058498	0.054134
0.028568	-0.01843	0.062438	0.007558	-0.01186	-0.02117	0.005917	0.049894	0.029774	0.040685
0.032748	-0.01134	0.047277	0.019281	-0.03924	-0.04389	-0.02071	0.009581	-0.02536	0.013641

0.009539	-0.03562	0.013545	0.007756	-0.00582	-0.00425	-0.02141	0.006827	-0.03372	0.00789
0.012931	-0.02498	-0.00253	-0.00249	0.032758	0.02437	-0.04134	0.008638	-0.04266	0.005369
0.041307	0.033908	0.018556	-0.02117	0.008601	0.023193	-0.04242	0.002896	0.013494	0.044544
0.029722	0.033119	0.040544	-0.00798	0.001969	0.047596	0.01292	0.022746	-3.37E-04	0.049231
0.022931	2.96E-04	0.066866	0.057143	0.039201	0.070976	2.59E-04	0.002481	-0.0392	0.016144
-0.00169	-0.00602	0.054499	0.066907	0.078985	0.090307	-0.0044	-0.00934	-0.02512	0.034183
0.052523	0.042353	0.038938	0.003665	0.057014	0.048525	0.024688	0.039396	0.002058	0.046477
0.074601	0.04838	0.019414	-0.03111	0.031351	-0.01557	0.023895	0.032489	0.014762	0.026284
0.019901	-0.01294	0.021778	-0.03731	0.007286	7.21E-04	0.051925	0.015806	0.026315	0.029344
-0.0457	-0.0125	0.051589	-0.01607	0.014625	0.030414	0.034125	0.036323	0.011791	0.048456
-0.03704	0.026452	0.059437	0.056017	0.061038	-0.01478	0.021033	0.063331	0.03303	0.041358
0.018579	0.035472	0.007197	0.023027	0.028463	-0.04929	0.030515	0.084499	0.048808	0.02993
0.022878	-0.00234	-0.03097	-0.05226	0.007968	-0.02935	0.044991	0.014458	0.013122	0.022566
-0.01969	-0.05177	-0.01506	-0.022	0.038879	-0.00667	0.022347	-0.02743	-0.00277	-0.01257
-0.05667	-0.0556	0.011259	0.002375	0.032635	0.002977	-0.01437	-0.03797	-0.00402	0.038125
-0.0895	-0.05299	0.001182	-0.0115	0.009401	-0.02041	0.004281	-0.01046	0.031513	0.072887
-0.10024	-0.04062	-0.05212	-0.06339	-0.04563	-0.05428	0.022839	0.027283	0.047327	0.043652
-0.09978	-0.06453	-0.06538	-0.0703	-0.03262	-0.06056	0.008732	-0.02737	0.019703	-0.01138
-0.07371	-0.03735	-0.05661	-0.06259	0.024452	-0.03442	-0.00306	-0.04062	-0.02437	-0.03055
-0.08171	-0.00171	-0.04342	-0.06196	0.020015	-0.0798	-0.01582	-0.02313	-0.02227	0.019234
-0.08631	-0.02631	-0.03354	-0.02376	-0.04361	-0.09596	-0.01666	-0.00172	0.034925	0.04628
-0.06583	-0.05171	-0.06985	-0.03551	-0.0533	-0.05444	-0.02637	-0.04461	0.015288	-0.02431
-0.08299	-0.06568	-0.09279	-0.06465	-0.02612	-0.03964	-0.04742	-0.08734	-0.02107	-0.07518
-0.11052	-0.06705	-0.10567	-0.05603	-0.04771	-0.07999	-0.07393	-0.12111	-0.03007	-0.08988
-0.09902	-0.07108	-0.09024	-0.05053	-0.04767	-0.09586	-0.05003	-0.08187	-0.01102	-0.07061
-0.06763	-0.06494	-0.08778	-0.04881	-0.05375	-0.07684	-0.05293	-0.04121	-0.01752	-0.04943
-0.07769	-0.07325	-0.104	-0.08109	-0.07303	-0.05583	-0.05299	-0.05556	-0.08043	-0.07793
-0.10681	-0.07453	-0.10286	-0.06899	-0.07023	-0.07066	-0.082	-0.08616	-0.08976	-0.06244
-0.12351	-0.07803	-0.10764	-0.04703	-0.03302	-0.05982	-0.07702	-0.08533	-0.05462	-0.07834
-0.11755	-0.08877	-0.10524	-0.05097	-0.05781	-0.08396	-0.05919	-0.0808	-0.03334	-0.0812
-0.09888	-0.11789	-0.11779	-0.08612	-0.10819	-0.1053	-0.08496	-0.0868	-0.0455	-0.09703
-0.10498	-0.1293	-0.12713	-0.08319	-0.11235	-0.09215	-0.1084	-0.06083	-0.07835	-0.08325
-0.11175	-0.08834	-0.12103	-0.06274	-0.11082	-0.09716	-0.11361	-0.06764	-0.07474	-0.05463
-0.12052	-0.07267	-0.1214	-0.07498	-0.092	-0.10123	-0.10213	-0.08826	-0.0614	-0.09056
-0.13098	-0.10157	-0.12852	-0.11192	-0.10612	-0.10414	-0.12267	-0.12121	-0.07563	-0.0973
-0.11355	-0.12926	-0.16082	-0.12009	-0.1057	-0.09586	-0.12403	-0.10475	-0.096	-0.09081
-0.11148	-0.12995	-0.16013	-0.09443	-0.10367	-0.10188	-0.12134	-0.0835	-0.09704	-0.09854
-0.12126	-0.12674	-0.13721	-0.06813	-0.13853	-0.12654	-0.10546	-0.0777	-0.06908	-0.08165
-0.10084	-0.10437	-0.10852	-0.06871	-0.13346	-0.10376	-0.10732	-0.07541	-0.06506	-0.08193
-0.08154	-0.08761	-0.09011	-0.08509	-0.09935	-0.08169	-0.10721	-0.07257	-0.0839	-0.09897
-0.07607	-0.09201	-0.08586	-0.06836	-0.09163	-0.0692	-0.08773	-0.06844	-0.10391	-0.11509
-0.06519	-0.08876	-0.08806	-0.05099	-0.1009	-0.0891	-0.12251	-0.10512	-0.12109	-0.11129
-0.06162	-0.07536	-0.08925	-0.05127	-0.10396	-0.09284	-0.15186	-0.12582	-0.1183	-0.11034
-0.07956	-0.08648	-0.09662	-0.09191	-0.08893	-0.0745	-0.1289	-0.14908	-0.11715	-0.1232
-0.06439	-0.11342	-0.12321	-0.08977	-0.05672	-0.05103	-0.10184	-0.12124	-0.10985	-0.12259
-0.04673	-0.10018	-0.1216	-0.05017	-0.06062	-0.04377	-0.10133	-0.09626	-0.11127	-0.11312
-0.02552	-0.07245	-0.10495	-0.02685	-0.07284	-0.04884	-0.09037	-0.09315	-0.11588	-0.09131

-0.00942	-0.02566	-0.03875	-4.69E-04	-0.05347	-0.0399	-0.11256	-0.08775	-0.07442	-0.06521
-0.01654	-0.01116	0.003886	-0.02642	-0.04489	-0.02521	-0.10304	-0.05699	-0.05866	-0.06207
0.011751	-0.00192	-0.01459	-0.01236	-0.0113	-0.04246	-0.09038	-0.04431	-0.07755	-0.06462
0.035705	-0.00344	-0.03037	0.010854	0.006357	-0.03465	-0.09403	-0.06954	-0.09067	-0.06132
0.060921	-0.00726	-0.01493	0.025427	-0.00526	-0.00111	-0.06712	-0.05878	-0.06807	-0.05111
0.066801	0.008463	0.024938	0.050481	-0.00135	0.001455	-0.02167	-0.01045	-0.03347	-0.04531
0.043054	-0.00627	0.020426	0.01678	-0.00293	0.006594	-0.02985	-0.00146	-0.05024	-0.03086
0.054947	0.003447	0.019819	-0.00976	-0.0028	-0.00815	-0.06669	-0.03967	-0.04683	-8.38E-04
0.080569	0.052931	0.040526	-0.00553	0.015471	0.003681	-0.05433	-0.02622	-0.01054	0.015659
0.071587	0.046472	0.040703	-5.01E-04	0.016759	0.057188	0.015849	0.033537	0.009157	0.013558
0.035448	-0.00216	0.022032	-0.00263	0.04605	0.080364	0.059258	0.06986	0.034588	0.055415
0.016998	-0.00687	0.029635	-0.00286	0.038504	0.03861	0.029105	0.055829	0.034588	0.078877
-0.02108	-0.02731	0.06164	0.002147	0.030544	-0.00573	-0.00715	0.014339	0.026472	0.062841
-0.03081	-0.02653	0.047457	0.01252	0.029214	-0.0021	-0.01534	0.030629	0.004814	0.031904
0.017542	-0.01208	0.021524	0.002131	0.054228	0.04164	0.012988	0.059498	-0.00596	0.029741
-0.0095	-0.03427	-0.01358	0.009162	0.083279	0.067191	0.063096	0.064648	-0.00218	0.051513
-0.05479	-0.05	-0.01462	0.047287	0.05012	0.004673	0.039095	0.011048	-0.00627	0.065063
-0.02231	-0.00687	-0.00319	0.011886	0.013747	-0.02447	-0.03295	-0.02067	-0.00304	0.037193
0.012966	0.062084	0.018355	-0.02582	0.028027	0.013473	-0.00383	0.02405	0.008122	-0.00624
-0.00524	0.049606	0.021812	-0.00658	0.044925	0.03222	0.070799	0.057763	-0.00494	0.01777
-0.029	-0.00845	-0.00859	-6.63E-04	0.042468	0.02693	0.065532	0.035321	0.003261	0.047753
-0.00851	-0.02053	-0.00574	0.008252	0.005661	-0.02071	-0.00379	-0.02647	0.022902	0.062022
0.016647	0.036663	0.012433	-0.00859	-0.03647	-0.05025	-0.01985	-0.02977	0.034375	0.056093
0.026914	0.06086	0.00571	-0.02498	-0.00189	-0.01061	0.023507	-0.04583	0.01395	0.01069
-0.00409	0.024726	-0.01261	0.008483	0.056586	0.046687	0.054166	-0.05037	0.005643	-0.02058
-0.01636	-0.00902	-0.02717	0.002652	0.025854	0.04219	0.03229	-0.02261	0.028251	-0.00425
-0.01057	-0.01532	-0.01247	0.023386	-0.00166	-0.01045	-0.00321	-0.03298	0.028513	0.005974
0.014236	0.034087	-0.01007	0.036413	0.024244	-0.0074	0.004972	-0.04174	0.007055	-0.03348
0.057404	0.078836	0.008377	0.046619	0.054803	0.009629	0.029176	-0.03796	7.21E-05	-0.04221
0.013365	0.014789	0.003253	0.044727	0.052418	0.023175	0.036639	-0.03424	-0.00481	-0.04777
-0.0281	-0.02293	-0.00647	0.044063	0.021764	0.039776	0.017547	0.007363	0.029616	-0.00222
0.017823	0.043049	0.004846	0.046492	0.003729	0.029237	0.001579	0.012436	0.063985	0.019267
0.07388	0.096259	-0.02215	0.047703	0.024919	0.043291	0.034179	0.017483	0.054451	0.02204
0.083216	0.074893	0.006118	0.061886	0.033322	0.043917	0.051962	0.023197	0.053858	0.005778
0.041529	0.03504	0.061102	0.077709	0.032265	0.035945	-0.01449	-0.00103	0.050148	0.003496
0.025964	0.045955	0.074979	0.059852	0.014507	0.009799	-0.03204	0.005824	0.057488	0.013525
0.054507	0.06174	0.076225	0.044853	0.011712	0.014608	0.018712	0.022468	0.057506	-0.01315
0.046644	0.036644	-0.00486	0.067589	0.04015	0.034088	0.070093	0.02174	0.043274	0.001858
0.049753	-0.02048	-0.03791	0.070783	0.033552	0.045688	0.055945	0.007129	0.072937	0.053915
0.036071	-0.02155	0.020088	0.061456	0.037613	0.085702	0.047922	0.032205	0.11065	0.086601
0.040417	-0.00566	0.054591	0.04229	0.015996	0.072625	0.057884	0.074001	0.059342	0.062375
0.051705	-0.01233	0.047528	0.041022	0.001362	0.053446	0.031644	0.053475	-0.00603	0.026695
0.028118	-0.02594	0.03048	0.045789	0.018256	0.061442	0.017894	0.018256	-0.01885	0.002652
0.018438	0.031759	0.034297	0.015047	-0.00176	0.056998	4.42E-04	0.034232	0.027099	-0.0105
0.054947	0.062372	0.029532	-0.02529	-0.00709	0.023105	-0.00445	0.043237	0.033278	0.004375
0.060863	0.03531	0.026082	-0.03758	0.012484	-0.0056	0.027876	0.055417	0.015508	0.061204
0.011318	-0.00658	0.051806	0.013539	0.031175	0.002408	-0.00106	0.032489	-9.26E-04	0.031956

-4.48E-04	0.013776	0.085417	0.078971	0.064417	0.049867	-0.02662	0.048584	0.023541	0.021599
0.055809	0.080431	0.0835	0.075099	0.082468	0.029665	-0.01277	0.081428	0.061431	0.064222
0.045781	0.104078	0.040685	0.001935	0.047287	0.013697	-0.0135	0.053326	0.045268	0.078239
0.017454	0.043747	0.015459	-0.04226	0.039648	0.057929	0.035263	0.029252	0.013223	0.034776
0.0177	-4.34E-04	0.043168	-0.01467	0.063414	0.075466	0.052828	0.021705	-0.00691	0.032998
0.00643	0.009005	0.054098	0.0422	0.076718	0.035403	0.030337	0.060576	0.037845	0.0845
0.010108	0.036157	0.034924	0.049626	0.037025	-0.01977	0.010129	0.088399	0.085732	0.085108
0.019037	0.070829	0.033392	0.036625	0.029528	-0.01209	0.035516	0.06335	0.077885	0.048059
0.014951	0.073829	0.052878	0.036272	0.046123	0.019697	0.077403	0.040787	0.029581	0.025873
0.021546	0.075406	0.050104	0.069278	0.076465	0.029237	0.069603	0.048326	0.042316	0.076275
0.031568	0.093203	0.026989	0.059517	0.057611	0.010242	0.05587	0.066545	0.067012	0.097158
0.013296	0.066202	-0.02273	0.024534	0.022882	0.023351	0.062134	0.024119	0.014983	0.047034
-0.01664	0.038092	-0.03602	0.010704	0.024901	0.006121	0.060636	-0.00639	0.010715	-0.00324
-0.01054	0.036247	-0.02557	0.039883	0.030579	0.020917	0.054166	-0.00287	0.022039	0.002393
0.030427	0.054754	-0.00846	0.074271	0.056716	0.005801	0.036966	0.006827	0.024406	0.032216
0.026627	0.069229	0.033287	0.079984	0.002117	-0.03388	0.025837	0.013013	0.036276	0.04088
0.00854	0.022185	-0.0075	0.033812	-0.05658	-0.03246	0.021891	0.026547	0.05345	0.013226
-0.01796	-0.00857	-0.04098	0.00104	-0.05014	0.001205	0.028196	0.016404	0.046123	-0.00238
-0.04115	-0.00182	-0.01771	0.028914	-0.01324	0.001005	0.031088	-0.00308	0.039725	0.033051
-9.53E-04	0.026752	0.018859	0.058422	-0.01676	-0.03937	0.031733	-0.00426	0.028233	0.030362
0.01267	0.001228	0.006886	0.04331	-0.03214	-0.01024	0.047327	-0.0164	0.008522	-0.0242
-0.0294	-0.07126	-0.04307	0.023968	-0.0219	0.039794	0.001328	-0.02507	-0.0014	-0.03857
-0.03396	-0.04687	-0.05012	0.024054	-0.03071	0.013782	-0.04537	-0.03212	0.001992	-0.02107
0.022096	0.026663	-0.02299	0.015585	-0.04581	-0.01467	-0.03213	-0.05557	0.009609	-0.01169
0.019513	0.009089	-0.00653	-0.00108	-0.05104	-0.02847	-0.03019	-0.05881	-0.00706	-0.00849
-0.03251	-0.05948	-0.021	-0.03206	-0.03042	0.001572	-0.02742	-0.02593	-0.01403	-0.0473
-0.06055	-0.07926	-0.03299	-0.04708	-0.01357	0.004286	-0.06393	-0.00571	-0.02787	-0.058
-0.03671	-0.08045	-0.03784	-0.03323	-0.02381	-0.02324	-0.09031	-0.0528	-0.01822	-0.0286
-0.01714	-0.0905	-0.07825	-0.07977	-0.05576	-0.01436	-0.07217	-0.0443	0.01043	-0.00484
-0.02393	-0.05834	-0.0359	-0.09685	-0.06184	-0.00278	-0.05132	-0.01664	-0.02074	-0.03577
-0.05073	-0.07452	-0.02298	-0.05196	-0.03191	-0.02152	-0.03674	-0.00608	-0.08189	-0.0852
-0.07768	-0.10624	-0.03206	-0.03149	-0.01414	-0.05257	-0.03688	-0.00657	-0.07835	-0.06713
-0.04022	-0.07434	-0.01607	-0.04428	-0.03742	-0.06144	-0.06352	-0.01721	-0.03605	-3.22E-05
-0.02544	-0.05652	-0.03605	-0.07723	-0.03811	-0.07062	-0.07317	-0.0164	-0.04407	-0.0187
-0.04771	-0.05092	-0.06549	-0.10091	-0.04297	-0.04164	-0.04176	-0.02328	-0.06221	-0.03693
-0.04299	-0.04335	-0.04513	-0.09057	-0.0585	-0.05109	-0.01353	-0.02976	-0.06023	-0.03703
-0.05345	-0.03838	-0.00319	-0.0653	-0.04478	-0.07169	-0.05113	-0.01245	-0.05233	-0.04191
-0.05721	-0.00604	0.002103	-0.06735	-0.03703	-0.11597	-0.06709	-0.00207	-0.05462	-0.02556
-0.00466	0.020981	-0.0016	-0.02796	-0.01417	-0.09359	-0.01609	0.003111	-0.05171	-0.02483
0.051439	0.052912	0.013711	0.01503	0.027243	0.00985	0.038676	-0.00974	-0.02691	-0.01749
0.092945	0.084163	0.076628	0.082525	0.053156	0.036289	0.058761	-0.00298	-0.00913	0.001211
0.136572	0.125882	0.130371	0.136246	0.129205	0.075922	0.097611	0.046947	0.015661	-0.00667
0.213544	0.207517	0.155379	0.174521	0.200196	0.135654	0.108839	0.088238	0.032907	-0.00483
0.244929	0.26591	0.195009	0.212856	0.188415	0.141192	0.128782	0.095155	0.093562	0.060814
0.280944	0.323524	0.295612	0.2756	0.201701	0.189113	0.207977	0.161	0.202454	0.141845
0.3454	0.366762	0.351207	0.341354	0.301146	0.24929	0.292112	0.286602	0.27729	0.188292
0.418413	0.411177	0.32095	0.364485	0.431885	0.367296	0.379491	0.373107	0.31416	0.244931

0.354268	0.358195	0.299381	0.407246	0.445159	0.45849	0.385849	0.36935	0.378551	0.369469
0.268281	0.336514	0.371101	0.423663	0.357129	0.363898	0.373383	0.381234	0.439295	0.427367
0.314057	0.37385	0.330976	0.360005	0.358544	0.315987	0.395771	0.410536	0.414658	0.356711
0.407329	0.397946	0.308981	0.358818	0.421628	0.374251	0.417323	0.408295	0.379335	0.328404
0.365078	0.348643	0.273873	0.35118	0.386906	0.400347	0.391644	0.35345	0.362979	0.404026
0.270601	0.316311	0.293044	0.317739	0.262547	0.313754	0.317607	0.264453	0.378786	0.407184
0.249667	0.348458	0.349152	0.30479	0.201883	0.192521	0.271974	0.30813	0.386452	0.315114
0.314927	0.356155	0.282735	0.244417	0.213587	0.188804	0.307912	0.359966	0.365554	0.282497
0.305931	0.322302	0.17809	0.211851	0.270514	0.30922	0.336185	0.282163	0.27816	0.334143
0.231963	0.278681	0.162904	0.238986	0.301276	0.300026	0.289377	0.201888	0.274386	0.374442
0.145391	0.24721	0.254355	0.271248	0.239371	0.163593	0.212794	0.206554	0.318843	0.37155
0.156952	0.25184	0.273601	0.272309	0.216643	0.114918	0.230173	0.255342	0.27337	0.267616
0.246146	0.283852	0.250182	0.206575	0.27767	0.235823	0.310188	0.298426	0.246502	0.212193
0.283236	0.253652	0.177484	0.179861	0.303177	0.309322	0.306256	0.256144	0.218917	0.248688
0.202436	0.19673	0.153037	0.253536	0.28234	0.262242	0.235273	0.090423	0.246878	0.267466
0.135096	0.215214	0.237731	0.26658	0.186176	0.125695	0.177403	0.127372	0.282343	0.181212
0.171849	0.215814	0.198301	0.216257	0.1754	0.110539	0.204279	0.239072	0.227375	0.125959
0.251349	0.235034	0.159799	0.185168	0.222003	0.156378	0.22062	0.202702	0.155429	0.143188
0.208554	0.230889	0.141556	0.211719	0.271765	0.214259	0.187528	0.135668	0.178688	0.179917
0.121411	0.224217	0.213509	0.263535	0.194687	0.170757	0.174303	0.133982	0.244025	0.222861
0.103218	0.196887	0.236508	0.225506	0.173252	0.182984	0.216951	0.162411	0.17775	0.198764
0.168505	0.191436	0.18319	0.188284	0.223559	0.157501	0.208759	0.169289	0.192164	0.190437
0.22881	0.227737	0.174393	0.209034	0.24082	0.172982	0.200242	0.196494	0.195233	0.223049
0.140329	0.229902	0.173865	0.234761	0.257108	0.210271	0.223874	0.112926	0.178194	0.254442
0.099682	0.161341	0.179329	0.246186	0.217694	0.109061	0.200268	0.130342	0.212647	0.250808
0.183786	0.155554	0.229679	0.213015	0.214389	0.132008	0.185402	0.171753	0.181489	0.212141
0.334517	0.279976	0.248467	0.237779	0.299482	0.257189	0.268371	0.228601	0.186718	0.231758
0.356447	0.341041	0.247185	0.299038	0.350817	0.307393	0.28915	0.268255	0.197962	0.289882
0.252463	0.312408	0.283322	0.310619	0.281621	0.165002	0.209649	0.177442	0.245839	0.300153
0.250477	0.248444	0.329461	0.304921	0.236996	0.112561	0.187579	0.182929	0.306133	0.260421
0.329158	0.28226	0.318966	0.302799	0.282528	0.199682	0.225525	0.271598	0.338704	0.275205
0.385157	0.375266	0.316991	0.228542	0.370342	0.342181	0.343992	0.334466	0.300733	0.329332
0.35248	0.407895	0.383031	0.289681	0.426312	0.366986	0.391069	0.378902	0.286789	0.382341
0.384666	0.41212	0.429321	0.414892	0.421412	0.294484	0.380451	0.377485	0.395964	0.429312
0.512828	0.464365	0.459831	0.437028	0.416269	0.363513	0.369071	0.405478	0.471917	0.44772
0.485577	0.523489	0.46586	0.382964	0.384642	0.417801	0.400357	0.434279	0.402079	0.432312
0.420628	0.42065	0.418004	0.333071	0.392396	0.409947	0.378494	0.366506	0.319013	0.434367
0.30658	0.275289	0.353781	0.326041	0.349354	0.299893	0.30169	0.330851	0.353305	0.473511
0.324398	0.271736	0.354145	0.391227	0.364668	0.292783	0.282773	0.349969	0.412747	0.400362
0.356371	0.364951	0.373606	0.397215	0.306275	0.319376	0.255242	0.30413	0.386811	0.354007
0.34469	0.372517	0.337756	0.305576	0.279501	0.325529	0.345135	0.314506	0.352604	0.325393
0.293987	0.25805	0.274509	0.204908	0.273295	0.32581	0.31543	0.29128	0.309526	0.279204
0.258813	0.198169	0.214036	0.239014	0.182008	0.251066	0.189381	0.182302	0.290672	0.292403
0.215174	0.231851	0.190842	0.230467	0.193997	0.224516	0.212822	0.238558	0.28527	0.271755
0.192787	0.216907	0.234211	0.231682	0.129711	0.191227	0.276866	0.315289	0.26467	0.229264
0.206162	0.194646	0.202284	0.147417	0.1183	0.215733	0.272754	0.264574	0.239767	0.160429
0.168008	0.109684	0.171158	0.177732	0.200637	0.207579	0.181359	0.185624	0.150585	0.152524

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

140	141	142	143	144	145	146	147	148	149
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.200364	0.100182	0.050091	0.025045	0.012523	0.006261	0.003131	0.001565	7.83E-04	3.91E-04
0.434435	0.45916	0.481116	0.516933	0.474304	0.496904	0.535553	0.536406	0.565057	0.652967
0.159203	0.11801	0.176273	0.203369	0.170996	0.199521	0.218042	0.216317	0.245544	0.268228
0.068656	0.0203	0.073605	0.116525	0.082286	0.092261	0.111029	0.137782	0.138806	0.124609
0.026032	-0.00756	0.002264	0.02878	0.002586	-0.01594	0.034736	0.062976	0.077236	0.05534
0.035876	7.69E-04	0.003075	-0.00818	-0.00855	-0.04049	-0.0171	7.68E-04	0.026879	-0.01597
0.051275	0.030101	0.025557	-0.04365	-0.0522	-0.05858	-0.05697	-0.04408	-0.01188	-0.061
0.017224	0.007454	-0.03485	-0.123	-0.11395	-0.0426	-0.03553	-0.03417	0.003931	-0.01814
-0.05958	-0.02091	-0.00883	-0.05608	-0.07362	-0.03171	-0.01351	-0.04707	-0.0166	-0.05649
-0.08835	-0.05585	-0.034	0.00482	-0.0314	-0.01979	-0.03114	-0.04906	-0.06088	-0.1171
-0.05804	-0.06842	-0.0715	0.003633	-0.03344	-0.05825	-0.06669	-0.07449	-0.08749	-0.09795
-0.05262	-0.05469	-0.09191	-0.03538	-0.0514	-0.06145	-0.05091	-0.09906	-0.08207	-0.08338
-0.06726	-0.07216	-0.08552	-0.06306	-0.08572	-0.0418	-0.02406	-0.0694	-0.06966	-0.10101
-0.09321	-0.09506	-0.04998	-0.0364	-0.09136	-0.02949	-0.06278	-0.04907	-0.03766	-0.11516
-0.05299	-0.05543	-0.03314	0.001638	-0.05021	-0.02606	-0.07633	-0.07186	-0.01629	-0.08751
0.005877	0.028151	0.040165	0.045938	-0.06847	-0.04436	-0.03369	-0.07002	-0.01893	-0.04723
0.053435	0.092505	0.088963	0.028655	-0.04557	0.002974	-0.01162	-0.05322	-0.06044	-0.11598
0.057415	0.078175	0.108587	0.014215	-0.00958	0.002609	-0.02306	-0.02565	-0.04584	-0.1368
0.070655	0.084833	0.126732	0.020036	-0.04093	-0.04865	-0.08252	-0.05485	-0.0329	-0.08941
0.025789	0.065313	0.102815	0.031862	-0.03515	-0.03888	-0.09876	-0.10452	-0.07582	-0.11722
0.033358	0.044627	0.074366	0.041664	-0.03426	-0.03487	-0.09493	-0.10176	-0.0839	-0.13256
0.00596	0.035203	0.055187	0.012915	-0.02848	-0.01639	-0.06738	-0.07413	-0.07491	-0.09548
-0.03433	0.028526	0.086968	0.065362	-0.01122	-0.00717	-0.06832	-0.01844	-0.05198	-0.07302

-0.05905	-0.00353	0.099181	0.07482	-0.0165	-0.01564	-0.06536	-0.03092	-0.05634	-0.06897
-0.08487	-0.05562	0.003224	8.87E-05	-0.07203	-0.10053	-0.07097	-0.03912	-0.05458	-0.07391
-0.07825	-0.05685	-0.06388	-0.06862	-0.0848	-0.10102	-0.0854	-0.07416	-0.08253	-0.1001
-0.1002	-0.03414	-0.06837	-0.0894	-0.10826	-0.11334	-0.09937	-0.13126	-0.12378	-0.08385
-0.10751	-0.06481	-0.04794	-0.07068	-0.10757	-0.13797	-0.12448	-0.14502	-0.14696	-0.09555
-0.11363	-0.07514	-0.01751	-0.07873	-0.09308	-0.13424	-0.13094	-0.12184	-0.14846	-0.14437
-0.10489	-0.06953	-0.04907	-0.08785	-0.09024	-0.12766	-0.11799	-0.09999	-0.14959	-0.14914
-0.1052	-0.05479	-0.08127	-0.06857	-0.06464	-0.11071	-0.13177	-0.11195	-0.14515	-0.10686
-0.11255	-0.08743	-0.09516	-0.09729	-0.08322	-0.116	-0.12026	-0.11025	-0.13117	-0.085
-0.09387	-0.09806	-0.07342	-0.11188	-0.10448	-0.12028	-0.1413	-0.13823	-0.1526	-0.11604
-0.08444	-0.08457	-0.06476	-0.11254	-0.09866	-0.14319	-0.13123	-0.13918	-0.14953	-0.12253
-0.13265	-0.09156	-0.12575	-0.12795	-0.09185	-0.14351	-0.09688	-0.10811	-0.12851	-0.11748
-0.159	-0.13103	-0.16767	-0.1415	-0.09751	-0.11609	-0.08694	-0.11255	-0.13143	-0.09455
-0.16421	-0.13487	-0.14075	-0.1345	-0.11661	-0.11758	-0.09959	-0.14304	-0.13085	-0.11845
-0.15493	-0.15084	-0.11533	-0.12635	-0.13629	-0.1606	-0.10763	-0.13816	-0.11992	-0.13395
-0.13021	-0.14582	-0.14544	-0.13448	-0.15067	-0.16225	-0.09918	-0.12099	-0.12032	-0.12283
-0.11636	-0.10987	-0.1363	-0.11861	-0.12063	-0.12338	-0.09577	-0.10953	-0.10776	-0.10116
-0.13386	-0.09211	-0.10877	-0.08655	-0.1096	-0.11734	-0.09997	-0.12174	-0.12043	-0.09113
-0.11952	-0.05995	-0.07826	-0.06895	-0.09792	-0.11097	-0.10672	-0.14177	-0.11845	-0.12368
-0.09632	-0.06191	-0.08386	-0.08993	-0.08096	-0.11544	-0.09798	-0.10867	-0.09815	-0.13882
-0.10563	-0.08658	-0.09507	-0.10207	-0.08735	-0.1072	-0.08916	-0.10005	-0.09915	-0.1486
-0.12781	-0.08191	-0.08513	-0.08077	-0.10144	-0.07608	-0.09644	-0.11943	-0.08069	-0.1049
-0.10878	-0.066	-0.08398	-0.08236	-0.12429	-0.11883	-0.10197	-0.11917	-0.06741	-0.06979
-0.0536	-0.0431	-0.07816	-0.10123	-0.12058	-0.13191	-0.07671	-0.09689	-0.05416	-0.08715
-0.07472	-0.04859	-0.10061	-0.11196	-0.08836	-0.08177	-0.06671	-0.08591	-0.04022	-0.05457
-0.1226	-0.09382	-0.10607	-0.08348	-0.08895	-0.06726	-0.07449	-0.12103	-0.05532	-0.03222
-0.12541	-0.09235	-0.09947	-0.05003	-0.08703	-0.06473	-0.06127	-0.10804	-0.07146	-0.05199
-0.07861	-0.05443	-0.11277	-0.07217	-0.08473	-0.07118	-0.05722	-0.09102	-0.06846	-0.09657
-0.05337	-0.04818	-0.11772	-0.07068	-0.06176	-0.08261	-0.04198	-0.09392	-0.0653	-0.111
-0.04492	-0.0527	-0.10312	-0.05291	-0.04511	-0.07322	-0.03623	-0.09145	-0.05542	-0.08558
-0.04786	-0.04975	-0.09555	-0.04645	-0.07025	-0.04727	-0.04941	-0.06887	-0.04805	-0.06843
-0.05909	-0.0339	-0.0743	-0.03243	-0.08557	-0.06866	-0.07178	-0.06103	-0.03408	-0.08249
-0.01878	0.006418	-0.04366	-0.02384	-0.07634	-0.08535	-0.06035	-0.06746	-0.03712	-0.09325
-0.0341	-0.0167	-0.06985	-0.02663	-0.06955	-0.07694	-0.02514	-0.0939	-0.07174	-0.10927
-0.07054	-0.05087	-0.08011	-0.0429	-0.08972	-0.07227	-0.02988	-0.08932	-0.04475	-0.08431
-0.06268	-0.05172	-0.07147	-0.05215	-0.11425	-0.05786	-0.04617	-0.05779	-0.01333	-0.04106
-0.04374	-0.0388	-0.07975	-0.05052	-0.08735	-0.04272	-0.03285	-0.04726	-0.04049	-0.06109
-0.05253	-0.02315	-0.08441	-0.06015	-0.05725	-0.03926	-0.00947	-0.05362	-0.05758	-0.06315
-0.04988	-0.04033	-0.08644	-0.07236	-0.05811	-0.04069	-0.03733	-0.07458	-0.03626	-0.0623
-0.0364	-0.04288	-0.07471	-0.04961	-0.05722	-0.02488	-0.06666	-0.06672	-0.01976	-0.05215
-0.04448	-0.04714	-0.07059	-0.03626	-0.07614	-0.02884	-0.06905	-0.0531	-0.03478	-0.0399
-0.03656	-0.04536	-0.07353	-0.03649	-0.08314	-0.02035	-0.02906	-0.04076	-0.0535	-0.05181
-0.0134	-0.0302	-0.05655	-0.01288	-0.06681	-0.03046	0.00149	-0.02678	-0.0317	-0.04005
-0.03315	-0.04447	-0.02517	0.006454	-0.04951	-0.03873	-0.02678	-0.04404	-0.00776	-0.03188
-0.06364	-0.05827	-0.02699	-0.01745	-0.06291	-0.03762	-0.07701	-0.06588	-0.00131	-0.03563
-0.03695	-0.05728	-0.07172	-0.05608	-0.09041	-0.03602	-0.07536	-0.07082	-0.01453	-0.05052
-0.00927	-0.04799	-0.06408	-0.02289	-0.06602	-0.00569	-0.03167	-0.06914	-0.03066	-0.06247

-0.02724	-0.06496	-0.01047	0.009518	-0.04429	0.005444	-0.02963	-0.07107	-0.03235	-0.04551
-0.03932	-0.06739	-0.01072	-0.02591	-0.0476	-0.01236	-0.05856	-0.06921	-0.00169	-0.0354
-0.01588	-0.07023	-0.03612	-0.06304	-0.04725	-0.01861	-0.04822	-0.04466	-0.01193	-0.0428
-0.00665	-0.05299	-0.04039	-0.03205	-0.03155	-0.00306	-0.02372	-0.01698	-0.05024	-0.03106
-0.00631	-0.05355	-0.02399	-0.00845	-0.02681	-0.00707	-0.01082	-0.00871	-0.05325	-0.02541
-0.00245	-0.07223	-0.01178	-0.01209	-0.04722	-0.03304	-0.03686	-0.01224	0.00514	0.004823
-0.01792	-0.05994	-0.00512	-0.04383	-0.06715	-0.03992	-0.06174	-0.04368	0.019842	0.003984
-0.02386	-0.0626	-0.04953	-0.09627	-0.06082	-0.02215	-0.04349	-0.0435	-0.03745	-0.04577
0.002209	-0.06336	-0.07539	-0.0758	-0.0463	-0.01576	-0.02221	-0.00967	-0.04683	-0.06052
-0.01149	-0.0559	-0.0261	-0.0094	-0.02358	-0.00654	-0.03384	-0.01574	-0.02072	-0.04977
-0.04245	-0.01949	-0.00305	-0.01777	-0.02027	-0.01588	-0.06786	-0.05906	-0.02477	-0.07858
-0.00824	0.0042	-0.00771	-0.03296	-0.03572	-0.03722	-0.05799	-0.04542	-0.04171	-0.09287
0.02176	-0.04504	-0.02658	-0.04447	-0.05114	-0.00707	-0.0229	-0.01308	-0.06462	-0.06406
0.016917	-0.05247	-0.0065	-0.04032	-0.04375	0.026739	-0.01809	-0.03018	-0.07025	-0.05546
-0.02101	-0.01725	0.018975	-0.00858	-0.02454	0.013994	-0.06527	-0.03367	-0.03993	-0.0203
-0.03474	0.008203	0.019973	-0.00551	-0.02097	-0.01557	-0.06914	-0.0198	-0.03039	-0.00239
0.01566	0.010819	0.002793	-0.03529	-0.02682	-0.02519	-0.03493	0.023604	-0.03663	-0.01636
0.032475	-0.00951	-3.75E-04	-0.04392	-0.03764	-0.02239	-0.05325	0.009354	-0.05708	-0.03351
-0.00789	-0.03238	0.024894	-0.02785	-0.03594	-0.00719	-0.08463	-0.00836	-0.06574	-0.03505
-0.02565	-0.033	0.039551	-0.03233	-0.00906	-0.0251	-0.08029	0.010593	-0.022	-0.00127
-0.03107	-0.05093	0.028113	-0.03097	0.008282	-0.0217	-0.03024	0.025404	-0.00271	0.007384
-0.01402	-0.04325	0.002976	-0.02011	0.004386	0.008281	-0.00183	0.004916	-0.03769	-0.01466
0.006292	-0.01997	-0.00249	-0.02161	0.024742	0.037106	-0.01627	-0.03208	-0.05867	-0.02414
-0.00781	-0.01118	0.015584	-0.01016	0.037497	-0.00499	-0.06534	-0.01582	-0.04198	-0.01568
0.006758	-0.01224	0.015823	-0.02481	0.032695	-0.05855	-0.06652	0.019053	-0.00767	0.004454
-0.01041	-0.02336	-0.01636	-0.07556	-0.00792	-0.0408	-0.00747	0.00259	-0.01474	0.024918
-0.00919	-0.03087	-0.01287	-0.06263	-0.01135	-0.00163	0.030312	-0.03032	-0.04192	0.007739
-8.73E-04	-0.02239	0.015516	-0.03361	-0.0065	1.22E-04	3.47E-04	-0.04037	-0.04354	-0.00402
-0.0227	-0.00371	0.046529	0.013833	0.015639	-0.00397	0.002587	0.00852	0.005488	0.016968
-0.02172	2.50E-04	0.022791	0.022064	0.01985	-0.01794	0.026798	0.040989	0.038215	0.035641
0.008507	0.005587	-0.0228	-0.04642	-0.00292	-0.03776	0.001719	0.007753	0.022543	4.44E-04
0.015829	-0.0117	-0.00958	-0.04641	0.008437	-0.01181	0.004113	-0.02732	-0.02807	-0.02673
-0.04472	-0.01454	0.013899	2.74E-04	0.020273	-0.00548	0.019632	-0.03293	-0.03871	0.014024
-0.07994	-0.00125	0.023034	0.031428	0.012837	-0.01492	0.012733	-0.02627	-0.00894	0.01411
-0.07659	-0.01119	-0.00781	0.009175	-0.01945	-0.03408	0.009641	-0.0275	0.008401	-0.0428
-0.05389	-0.02074	-0.0411	-0.03422	-0.03478	-0.03221	0.002636	-0.02873	0.008468	-0.04958
-0.00973	-0.01554	-0.05763	-0.03649	-0.00529	-0.01602	-0.03035	-0.02693	-0.01301	-0.02793
-0.01288	-0.01237	-0.041	-0.02084	0.00425	-0.02228	0.005497	0.010274	0.019688	-0.01999
-7.91E-04	0.018202	0.001206	-0.01039	-0.05631	-0.02289	0.051649	0.00907	0.034066	0.016347
9.77E-04	-0.00905	-0.04542	-0.0435	-0.08082	-0.00862	0.020741	-0.04043	0.020494	-0.00864
-0.01925	-0.03128	-0.07826	-0.02321	-0.03148	0.009647	-0.02463	-0.06161	0.006235	-0.05085
-0.01655	0.015906	-0.02187	0.019121	-0.0066	-0.01858	-0.01323	-0.0467	8.51E-04	-0.05356
-0.00198	0.03361	-0.00386	0.012967	-0.02251	-0.04213	0.006802	-0.0162	0.020976	-0.03672
0.020352	0.028348	-0.03989	-0.00706	-0.03894	-0.00525	0.029893	-0.00228	0.003998	-0.05106
0.029855	0.006519	-0.04701	-0.0199	-0.06912	0.018712	0.022642	-0.00929	-0.00289	-0.07057
0.002292	3.33E-04	-0.02626	0.009295	-0.049	-0.00782	-0.04525	-0.03228	0.010696	-0.02452
-0.01281	0.022655	-0.01548	0.036973	-0.01222	-0.009	-0.05903	-0.05151	0.046451	0.034506

0.001355	0.010887	-0.02075	0.024208	-0.0388	0.009006	-0.01028	-0.05339	0.047327	0.024426
0.017752	-0.02157	-0.00671	0.018893	-0.05371	0.009833	0.007183	-0.02139	-0.00657	-0.02507
0.031506	0.004605	0.008898	0.021657	-0.0314	0.020874	-0.02834	-0.00686	-0.02549	-0.0101
0.045838	0.041947	5.27E-05	0.015885	-0.0058	0.022663	-0.06513	-0.04923	-0.00351	0.026045
0.05325	0.028366	-0.00655	0.029787	-0.01825	0.018936	-0.04374	-0.0539	0.006136	-0.00313
0.04799	0.020353	0.014868	0.015554	-0.04744	0.001165	-0.00204	-0.01585	0.003535	-0.02919
0.035112	-7.03E-04	0.018768	-0.01209	-0.0386	-0.02853	-0.00846	0.038552	-0.01019	-0.02565
-0.00503	-0.04252	-0.00802	-0.02659	-0.02225	-0.00214	-0.01857	0.030286	-0.01797	-0.00489
0.021571	0.003272	7.28E-04	-0.01291	-0.03397	0.003724	-0.01531	0.00777	-0.036	-0.00163
0.052603	0.040605	0.014562	-0.00204	-0.03986	0.014506	-0.0041	0.014836	-0.03859	-0.04024
0.036125	0.009911	0.015005	-0.02834	-0.01529	0.042102	0.044299	0.026932	-0.04168	-0.05193
0.023969	-0.01699	-0.00357	-0.05187	-0.01066	0.01051	0.036256	0.007271	-0.05014	-0.01884
0.001552	-0.05832	-4.57E-04	-0.04859	-0.00944	-0.02231	-0.02286	-0.02827	-0.05545	-0.00415
-0.0231	-0.0668	0.00417	-0.05227	-0.02651	-0.01463	-0.04973	-0.01292	-0.03144	-0.01109
0.008908	-0.01861	0.02087	-0.02689	-0.02028	0.018712	-0.04504	0.004304	0.008184	0.012637
0.012565	0.01754	0.033092	0.011515	0.014715	0.034791	-0.02962	9.65E-04	-0.01158	0.051452
-0.0236	-0.01668	0.001355	-0.02415	0.014314	0.001662	0.003834	-0.0114	-0.06235	0.039954
-0.00671	-0.03177	0.011577	-0.0323	-0.02474	-0.05589	-0.00556	-0.00103	-0.04108	0.006962
0.044567	0.013933	0.027797	-0.01075	-0.01538	-0.0344	-0.00235	0.027002	-0.00139	-0.00769
0.036018	0.020967	0.014988	-0.04336	-0.00595	0.020475	0.032922	0.029497	-0.02884	0.001576
0.010431	0.001456	0.009116	-0.08043	-0.02337	-0.03234	0.004245	-9.65E-04	-0.03824	0.016399
0.023088	0.002851	0.02425	-0.03277	-0.00632	-0.05367	-0.0182	-0.02405	-0.02613	0.014471
0.013898	-0.01399	0.03743	0.02325	-0.00954	-0.01183	0.004064	-0.02515	-0.03366	0.012808
0.007656	-0.01648	0.026431	-0.01468	-0.00427	-0.0191	0.010308	-0.00591	-0.03448	-0.01193
0.009041	0.007046	-0.0045	-0.07328	0.00534	-0.03114	0.011527	-7.04E-04	-0.04178	-0.00537
-0.0168	-0.0084	-0.04413	-0.0843	-0.01299	-0.00975	0.019717	-0.03162	-0.02282	0.04319
-0.01661	-0.04456	-0.05085	-0.04806	-0.01928	-0.02765	0.004163	-0.00825	0.024862	0.038572
-0.00232	-0.04862	-0.02647	-0.03108	0.013706	-0.02159	-0.00656	0.006805	0.007984	-0.04481
0.007207	-0.02053	-0.01183	-0.03896	0.034551	0.023273	0.027248	0.013653	-0.01623	-0.06015
-0.0088	0.012296	-0.02686	-0.027	0.030052	0.011594	0.052898	0.017756	-1.97E-06	0.011748
-0.04362	0.0042	-0.01475	-0.01858	0.010675	-0.02606	0.007315	-0.01544	0.01837	0.05744
-0.01508	0.003137	0.039714	0.010877	0.014976	-0.01224	-0.00427	0.014717	0.035238	0.013116
0.03207	0.018255	0.034961	-0.00284	0.021952	0.003274	0.029945	0.049537	0.029834	-0.0083
0.015456	0.02976	-0.00828	-0.02384	0.024867	0.013175	0.042894	0.018336	0.004428	0.007688
-0.04238	-0.00411	-0.00694	0.020476	0.064402	0.053501	0.042158	-0.01662	-0.00882	0.035947
-0.07038	-0.02984	0.029344	0.049445	0.022289	2.38E-04	0.026555	-0.01394	-0.00873	0.047116
-0.03233	0.013795	0.039335	-2.64E-04	-0.03744	-0.05158	0.00768	-0.017	0.016869	0.018751
0.015439	0.055321	0.030101	-0.02739	-6.54E-04	-0.01094	0.016693	-0.01045	0.037929	0.00622
0.002852	0.03562	0.006119	-0.02723	0.036983	0.042758	0.051483	0.0214	0.02859	0.012175
-0.01976	0.001506	0.002777	0.001891	0.020926	0.004374	0.034277	-0.02324	0.029606	0.030335
-0.01445	-0.01869	0.02806	0.025489	-0.0103	-0.04652	-0.02581	-0.0504	0.027769	0.009875
-0.00203	-0.02537	0.020801	-0.00691	-0.0084	-0.03143	-2.72E-04	0.012608	0.021406	-0.01099
-0.00421	-0.02682	0.00195	-0.043	0.026959	0.00148	0.026659	0.026793	0.007751	0.022462
-0.01326	-0.01048	-0.01375	-0.03307	0.041481	0.034612	0.037622	-0.01087	-0.02051	0.040227
-0.03832	-0.02013	0.004137	-0.01086	0.006552	-0.02825	0.027595	-0.01874	-0.0279	0.007891
-0.0165	-0.00697	0.026361	-0.02158	-0.02955	-0.10884	-0.01683	-0.02228	-0.02123	0.001226
0.038068	0.033393	0.042227	-0.03285	-0.0141	-0.08927	-0.00867	-0.00373	-0.02971	0.001493

0.040038	0.041193	0.030913	-0.03953	-0.0049	-0.02984	0.018525	-8.51E-04	-0.03871	-0.00257
-0.01771	-0.01767	-0.00243	-0.0306	-0.02245	0.012155	0.021374	-0.0352	-0.02457	-0.01151
-0.03622	-0.05307	-0.00617	-0.01093	0.002858	-0.00468	-0.01832	-0.03361	0.006069	-0.00496
-0.00641	-0.02368	0.023902	-0.01755	0.018635	-0.03027	-0.01838	-0.01869	0.012851	0.008772
0.033464	0.024243	0.044938	-0.04135	0.013671	-0.00518	0.012331	-0.01544	0.007217	0.039717
0.04896	0.049979	0.014596	-0.04129	-2.00E-04	0.003008	0.040402	0.031251	0.018678	0.08706
-0.02485	0.002952	-0.02548	-0.01493	-0.01263	-0.02752	0.052824	0.012844	3.26E-04	0.090463
-0.0525	-0.01389	4.64E-04	0.009707	0.0089	-0.00613	0.034189	-0.00422	-0.0019	0.044292
0.012397	0.022355	0.027148	-0.0195	0.025599	-0.01383	0.028934	0.015242	0.004444	-0.00415
0.011236	0.010288	0.022236	-0.02963	0.037075	-0.00414	0.041261	0.018233	8.34E-04	7.84E-05
-0.04153	0.013329	-7.37E-04	-0.01996	0.075621	0.047488	0.06938	0.031919	0.024723	0.04264
-0.05578	-0.002	-0.02506	0.01055	0.057754	0.031527	0.043488	0.024555	0.047765	0.075838
-0.02186	9.36E-04	0.029203	0.034819	0.017827	0.02509	0.028012	-0.0052	0.032016	0.036344
0.055495	0.058869	0.073371	0.024742	0.05094	0.026352	0.029526	-0.01322	7.03E-04	-0.00758
0.045656	0.067613	0.014086	0.027526	0.066007	8.83E-04	0.019598	0.011515	0.001557	0.018907
-0.02468	0.004504	-0.01618	-0.01284	0.011279	-0.01353	0.038369	0.004024	0.009589	0.062264
-0.06873	-0.03275	-0.02873	-0.01255	-0.01925	-0.00993	0.049288	-0.00541	0.028188	0.056531
-0.06416	-0.02801	-0.01071	1.22E-04	-0.02462	-0.02547	0.043488	-0.05518	0.013492	1.95E-04
0.005579	0.005621	-0.00771	-0.02799	-0.00185	-0.0042	0.044119	-0.0767	-0.00825	-0.01227
0.014676	-0.0053	-0.02195	-0.00647	0.036726	0.017197	0.035849	-0.05352	0.02852	0.027441
-0.04944	-0.01428	-0.00434	0.035803	0.005135	-0.02165	5.27E-04	-0.04119	0.031205	0.028646
-0.02991	0.013329	-0.02144	0.011567	-0.01238	-0.0377	-0.01351	-0.02661	0.009706	-0.01371
0.026032	0.027492	-0.02609	8.46E-04	-0.02476	-0.04204	0.013825	-0.02505	-0.00164	-0.03261
-0.00655	0.006808	-0.03435	0.003091	-0.04006	-0.0322	0.017286	-0.03924	0.016443	-0.02135
-0.04924	-0.01183	-0.03796	-0.00449	0.002536	0.022646	0.013775	-0.04362	0.040421	0.00595
-0.01495	0.019862	-0.01906	-0.00398	-0.00273	0.009157	-0.00832	-0.01357	0.044123	0.045729
0.022536	0.037731	-0.02561	-0.0251	-0.06031	-0.02969	0.001082	0.027454	0.030818	0.021605
0.02276	0.025891	-0.03319	-0.00999	-0.02547	0.009765	0.057969	0.027629	0.018114	-0.01927
0.009342	0.002212	-0.03166	0.042089	0.022786	0.027196	0.049234	0.005528	0.011755	-0.03929
-0.03362	-0.02635	-0.04404	0.029553	-0.00872	-6.70E-04	-0.02906	-0.00988	0.010025	-0.03013
-0.06459	-0.00882	-0.03019	-0.00142	-0.05346	-0.03309	-0.06882	-0.01868	0.009355	-0.01496
-0.03724	0.030711	-0.01745	0.019157	-0.03827	-0.00248	-0.03176	-0.01397	-0.00286	-0.0426
0.037407	0.017262	-0.03872	0.060738	-0.00693	0.027688	0.019939	-0.0387	0.010562	-0.04106
0.058144	-0.00601	-0.02204	0.062752	-0.00562	0.019991	0.015409	-0.05627	0.018934	-0.01091
0.016883	0.003812	-0.00399	0.031031	-0.03448	0.010696	-0.04372	-0.03003	0.040026	0.00923
0.021795	0.032437	-0.02664	-0.00446	-0.07705	-0.002	-0.05656	-0.0016	0.038752	-0.0055
0.032934	0.034261	-0.04163	-0.006	-0.11435	0.002775	-0.03425	-0.00264	0.006984	-0.01069
0.045329	0.009244	-0.05216	-0.00246	-0.0669	0.02474	0.021151	0.008536	0.001294	-0.01843
0.04415	0.002784	-0.02934	0.001992	0.012733	0.062185	0.047413	0.036253	-0.0089	-0.03431
0.016339	0.036565	0.016575	-0.00947	-0.02075	0.022663	0.013976	0.040971	0.002578	0.008399
-0.00887	0.003829	-0.02254	-0.0174	-0.06205	-0.02053	-0.05289	-0.00433	-0.02017	0.002762
0.005529	-0.03445	-0.05566	-0.00186	-0.04343	-0.02966	-0.10412	-0.03631	-0.04881	-0.04824
0.03126	-0.02597	-0.02585	0.023392	0.004301	-0.01619	-0.07515	-0.01351	-0.01976	-0.0319
0.033836	0.007624	0.028324	0.001199	0.002061	-0.00103	-0.03563	0.012608	0.001064	-0.01846
0.035218	0.012158	0.061796	0.001098	5.25E-05	0.002675	-0.02227	0.014582	-0.02168	-0.00488
0.023882	-0.00305	0.04706	0.011222	-0.01178	0.042594	0.012834	0.007254	-0.04337	-0.00976
0.029102	0.004217	0.040869	0.017789	-0.0168	0.042048	0.002226	0.004503	-0.0497	-6.35E-04

0.011976	9.03E-04	0.048714	0.026113	-0.00845	-0.00536	-0.02033	0.028204	-0.0024	0.041706
-0.00133	0.00986	0.039299	-0.00904	-0.00206	-0.01839	-1.09E-04	0.065897	0.051217	0.059702
0.043498	0.00107	0.005368	-0.04341	0.003349	0.028217	0.027404	0.030338	0.004328	0.026028
0.066533	-0.01517	0.031285	-0.03592	0.010519	0.044274	0.027387	0.015039	-0.03322	-0.00122
0.042558	-0.02738	0.054683	-0.00296	0.010105	0.012376	-0.01285	0.039608	-0.00156	0.01168
0.020146	-0.00805	0.047501	0.01458	0.024671	-0.00486	-0.00537	0.048073	0.020666	0.041505
0.031718	0.039083	0.028095	0.003108	0.019022	0.009934	0.049562	0.038713	0.027332	0.064475
0.046147	0.041855	0.017019	-0.01397	0.016495	0.033647	0.054114	0.013552	0.025834	0.042218
0.028682	0.042759	0.046584	-0.0068	0.014245	0.006868	0.029526	0.019891	-0.01225	0.013801
0.013493	0.065897	0.050522	0.023516	0.009778	-0.03358	0.045545	0.064776	0.012783	0.018925
0.025876	0.050373	0.008042	0.048937	0.034095	0.010087	0.068045	0.059737	0.061816	0.041578
0.018417	0.022355	0.003822	0.034855	0.033913	0.031243	0.063062	-0.01181	0.028643	0.014471
-0.00747	0.045461	0.038579	0.034073	0.034186	-0.01476	0.04656	-0.03096	3.08E-05	0.018058
0.004287	0.048817	0.048769	0.054007	0.04777	-0.02305	0.007647	-0.00206	0.005571	0.059645
0.01444	0.039047	0.015294	0.071955	0.028844	-0.00954	0.018644	0.04707	0.019345	0.035388
0.052363	0.05011	-0.0246	0.044372	0.012681	0.006298	0.061708	0.041565	0.036145	0.009773
0.043154	0.031969	-0.02902	0.003125	0.040278	0.011476	0.046977	0.015259	0.043688	0.012808
-0.01055	0.054032	0.020542	0.028063	0.054648	0.03891	0.048832	-0.0089	0.020391	0.031245
0.020454	0.085586	0.072495	0.095423	0.036268	0.050707	0.085619	0.01421	0.03911	0.053702
0.070539	0.067203	0.044829	0.073405	0.011089	0.066342	0.096996	0.048878	0.054734	0.013116
0.073806	0.039376	-0.00671	0.020952	0.016548	0.074582	0.042265	0.03206	0.041357	0.005681
0.047844	0.036511	-1.94E-04	0.049747	0.050126	0.075978	0.017252	-0.01112	0.044577	0.011527
0.008256	0.053407	0.029907	0.056067	0.032858	0.063675	0.053764	0.011834	0.067577	0.008145
0.016067	0.07081	0.078506	0.056143	-0.00419	0.057237	0.097587	0.076962	0.096873	0.024777
0.072914	0.039761	0.075578	0.052487	-0.00237	0.064556	0.087668	0.085279	0.065877	0.04341
0.083616	0.038462	0.036838	0.056335	0.033986	0.035454	0.043542	0.056056	0.036269	0.043318
0.061752	0.036111	0.033288	0.063997	0.024493	-0.00324	0.027456	0.040145	0.079945	0.068677
0.059606	0.03945	0.015789	0.022276	-0.01091	0.019783	0.012649	0.042087	0.096198	0.080292
0.07104	0.025554	0.026168	0.014754	0.005357	0.05905	0.010608	0.028256	0.040997	0.04286
0.04929	-0.0082	0.041014	0.038586	0.028826	0.08567	0.020109	0.03462	0.016647	0.038118
0.059775	0.02174	0.037089	0.034983	-0.00703	0.047986	0.022831	0.029707	0.023632	0.06102
0.100118	0.08236	0.067353	0.052886	-0.03158	0.023849	0.015071	0.04596	0.069092	0.066638
0.067087	0.061308	0.085342	0.030724	0.008488	0.04574	0.020724	0.047033	0.052436	0.037901
0.0494	0.021828	0.076814	0.010395	0.054362	0.045043	0.042265	0.044544	-0.03659	0.023197
0.055774	0.004217	0.030225	0.026042	0.05785	0.047377	0.042104	0.032553	0.004477	0.056626
0.050814	-0.02469	0.034088	0.036918	0.040666	0.044164	0.010108	0.055498	0.097529	0.098204
0.067661	0.005147	0.072534	0.035293	0.024939	0.061233	0.006736	0.112313	0.067195	0.07049
0.091405	0.066832	0.098644	0.019086	0.044735	0.098622	0.04794	0.124164	0.05414	0.064051
0.064022	0.045517	0.091211	0.02348	0.071829	0.116572	0.102922	0.051006	0.063159	0.060485
0.04245	0.022303	0.07599	0.006898	0.061599	0.051395	0.05948	0.021005	0.074699	0.079194
0.081616	0.045591	0.070206	-0.00764	0.045707	0.044073	0.0662	0.087594	0.073416	0.093111
0.11394	0.088263	0.057717	-0.00597	0.054343	0.093961	0.091995	0.100303	0.014237	0.082034
0.096179	0.102638	0.024024	0.001958	0.056524	0.078148	0.075055	0.070913	0.013949	0.057611
0.050116	0.049004	0.03448	0.031428	0.063661	0.039199	0.055963	0.050675	0.081524	0.087486
0.053139	0.040899	0.054515	0.00326	0.06187	0.052139	0.060284	0.085757	0.112616	0.078776
0.085525	0.085994	0.086064	0.012949	0.079204	0.078782	0.112631	0.104796	0.056018	0.023899
0.058949	0.089967	0.087491	0.051521	0.108008	0.072059	0.103853	0.081219	0.009623	0.046598

0.038354	0.08526	0.066527	0.06634	0.090422	0.039814	0.057076	0.04676	0.011536	0.061555
0.04108	0.073912	0.068295	0.04873	0.02879	-0.01674	0.022007	0.00287	-0.01035	0.017038
0.077801	0.079037	0.062613	0.026363	0.020026	-0.01257	0.037924	0.001883	0.013188	0.026928
0.069674	0.098338	0.031585	0.036662	0.060707	0.038025	0.063326	0.052923	0.067042	0.060236
7.31E-04	0.034986	-0.03762	0.01667	0.06809	0.077535	0.069285	0.00777	0.074952	0.088096
-0.02429	0.00892	-0.01517	0.015606	0.0609	0.063503	0.047068	-0.03071	0.054585	0.048321
0.019803	0.059003	0.012287	0.037559	0.04317	0.002958	0.027491	-0.02079	0.045959	0.010572
0.045202	0.080061	-0.00933	0.033075	0.017687	-0.00644	0.069992	0.006673	0.072428	0.045692
-0.00628	0.031807	-0.04275	0.03615	0.003519	-0.00141	0.081512	0.003628	0.064488	0.038028
-0.01505	-0.00631	-0.03045	0.028027	0.003893	0.027125	0.006488	-0.01723	0.036269	0.005042
-0.0041	0.017105	-0.00515	0.042997	0.026851	0.057124	0.001392	0.02871	0.055366	0.012192
0.026536	0.049247	0.001371	0.0254	-7.55E-04	0.013891	0.054686	0.060507	0.056055	-0.01881
0.057751	0.053369	-0.00586	0.004481	-0.0655	-0.00973	0.055463	0.019925	0.03586	-0.0308
0.042197	0.001456	-0.01031	0.00683	-0.03806	0.033129	0.006091	-0.01783	0.045558	0.011441
0.00859	-0.00616	0.001735	0.016164	-0.00532	0.03891	-0.01404	0.013248	0.064773	0.021832
0.021829	0.063045	0.019525	0.024813	-0.00939	-0.00273	0.02069	0.039769	0.042512	0.006287
0.033836	0.062755	-0.02904	0.020229	-0.00304	0.017885	0.050805	0.036182	0.032333	-0.01232
0.020249	0.016288	-0.04001	0.002212	0.013323	0.03531	0.030032	0.00787	0.05856	-0.00558
0.024384	-0.00305	1.84E-04	0.002837	0.012439	0.03206	-0.01555	-0.01313	0.039774	0.033356
0.011522	0.005367	0.008831	0.015032	-0.00124	0.034004	-0.01171	-0.01149	0.026026	0.02035
0.004271	0.01946	-0.02876	0.005381	0.003282	0.023395	-0.00704	-0.00206	-0.00675	-0.03001
0.041656	0.001272	-0.02871	0.034601	0.016986	0.028605	-0.03261	-0.01719	-0.01993	-0.04326
0.066801	-0.02549	0.006269	0.052146	-0.00948	0.02857	-0.0267	-0.00886	5.39E-04	-0.05353
0.022156	-0.01623	0.050615	0.041368	-0.00939	0.035149	0.004558	0.015615	0.008017	-0.03044
0.01206	-0.03828	0.020594	-0.01175	-0.00292	0.008399	0.024896	0.034355	0.011738	0.007925
0.046166	-0.02867	-0.02885	-0.0165	-0.02286	0.017988	0.013489	0.037214	-0.00453	-0.02282
0.051035	-0.0339	-0.01461	0.039229	0.005425	0.056879	0.008211	0.023656	-0.00823	-0.03612
-5.62E-04	-0.04228	-0.02091	0.019754	-0.01	0.067596	-0.00374	0.015022	0.027315	-0.02383
0.013763	-3.19E-04	-1.28E-04	-0.02096	-0.03339	0.001695	-0.03417	0.009588	0.045649	0.004521
0.073205	0.016392	0.022704	-0.0324	-0.05758	-0.03694	-0.01312	0.034851	-0.01191	0.021274
0.08217	-0.0102	0.029326	-0.0106	-0.04498	-0.00143	-0.00282	0.03018	-0.03501	-0.00292
0.044567	-0.0458	0.032578	0.037833	0.004914	0.048447	-0.01533	0.021589	-0.00647	0.026345
0.021743	-0.01818	0.022496	0.004871	0.015936	0.022106	-0.03114	0.028675	-0.02114	0.046099
0.03207	-0.04529	0.021769	-0.03429	-0.00759	0.020562	0.018576	0.04045	-0.00141	0.03341
0.051477	-0.04673	0.025435	-0.03597	0.001926	0.03304	0.016947	0.030847	-0.01746	-0.00535
0.055625	-0.03043	0.031143	0.031067	0.031987	0.014933	-0.00678	0.01175	-0.02752	-0.00434
-0.01139	-0.01149	0.047244	0.058752	0.044269	0.016029	-0.00269	0.032201	-0.00442	0.008196
-0.01326	0.016184	0.049617	-0.02362	0.030901	0.009748	0.017846	0.044562	-0.01694	0.022969
0.068196	0.034442	0.033821	-0.03324	0.015465	0.011934	0.048796	0.026254	-0.03276	0.041487
0.077214	0.015993	0.041847	-0.00413	0.04655	0.026686	0.033819	-0.00501	-0.02429	0.035226
0.001848	0.009073	0.057173	0.002769	0.054038	0.024985	0.016389	0.025161	0.014287	0.031173
-0.03564	0.023378	0.039353	-0.01411	0.042352	-0.01073	0.020314	0.036964	0.023666	0.022129
0.026449	0.039248	0.018116	-0.043	0.021775	0.007103	0.009474	0.002195	0.011806	0.013202
0.054325	0.001708	0.001536	-0.03335	0.006586	0.017678	0.006521	0.003908	0.014508	-0.01626
0.038568	-0.0172	0.024198	-0.00647	-0.00609	0.011001	-0.00532	-0.009	-0.01763	0.013013
0.016679	-0.01062	0.046327	0.004684	-0.00345	-0.00288	-3.37E-04	0.032694	6.54E-04	0.050294
-0.0012	0.006214	0.041014	-0.00953	0.010588	-0.03646	-0.00702	0.07478	0.032386	0.051639

-0.00307	0.018342	0.037161	-0.02421	-0.0133	-0.02222	0.022144	0.048183	0.027803	0.029926
0.002572	-0.02622	0.044665	-0.04782	-0.02304	-0.00338	0.039723	0.010006	0.009388	-0.0153
0.013105	-0.03045	0.052635	-0.02752	0.004607	0.013994	0.029439	-0.01287	-0.0263	0.016226
-0.00234	0.020967	0.081931	0.037998	0.040907	0.013346	0.021322	0.003084	-0.02293	0.047153
-0.01856	0.005909	0.070709	0.036022	0.016216	-0.03247	0.030644	0.043784	0.015525	0.036688
0.011606	0.014123	0.020507	-0.02755	-0.03787	-0.04447	0.024913	0.017705	0.036376	9.93E-04
-0.00213	0.024438	0.041412	-0.01429	0.00301	0.017868	0.037373	-0.0643	-0.00367	-0.02376
-0.05215	0.008698	0.071562	0.025187	0.064402	0.025878	0.052769	-0.03756	-0.01105	0.028983
0.005745	0.020703	0.028113	0.03831	0.057619	-0.03075	0.044732	0.060751	0.044413	0.069397
0.045729	0.031915	-0.02407	0.012327	0.001385	-0.02639	0.010992	0.027419	0.055832	0.037104
0.017224	0.024332	-0.01333	-0.02043	-0.01091	-0.00566	0.013909	-0.02857	0.045704	0.003548
-0.01552	0.030693	0.042264	0.004905	0.01802	0.003207	0.007481	-0.01292	0.026826	-0.02108
0.003297	0.035929	0.057248	0.023729	0.05482	0.020856	0.01497	-0.01125	0.00451	-0.02372
0.002802	0.035802	0.029855	0.05376	0.033495	0.046733	0.07916	0.011062	0.024636	0.032138
0.028629	0.032996	-0.02655	0.02681	0.004777	0.043744	0.076665	0.03572	0.065001	0.034794
0.033836	0.013743	-0.02911	-0.00281	-0.00893	0.015121	0.055241	-7.04E-04	0.06502	0.041669
-0.01042	0.04298	0.015908	0.026899	-0.00427	0.009208	0.036097	-0.03472	0.046469	0.044127
-0.02585	0.056006	0.026238	0.032948	-0.01478	0.004124	0.011059	-0.02216	0.061552	0.050163
-0.00879	0.019425	-0.00391	0.01224	-0.0423	0.012019	0.029648	0.022105	0.059912	0.02425
0.012498	-0.02388	-0.02097	-0.00574	-0.04464	0.017609	0.035089	0.010073	0.040439	-0.01268
0.01946	-0.02859	-0.04891	0.01451	-0.00255	0.006633	-0.01628	-0.03108	0.01938	-0.00686
0.019683	0.023678	-0.03139	0.03264	-0.02294	0.004691	-0.02577	-0.05588	0.019174	0.020977
-0.03347	0.025678	0.011374	0.031844	-0.0716	-8.85E-04	0.009325	-0.01028	0.026304	0.022847
-0.03796	-0.04938	-0.00865	0.017282	-0.03173	-0.00712	0.043992	0.048604	0.025278	-0.02065
-0.02364	-0.06296	-0.04412	-0.01208	-0.04329	-0.0091	-0.01223	0.02927	-0.00409	-0.02263
-0.04648	-0.02053	-0.03667	-0.00506	-0.05674	7.01E-04	-0.03451	-0.02178	-0.01415	-0.01435
-0.05954	-0.00941	-0.03307	-0.00127	-0.01394	-0.00883	-0.04056	-0.05103	-0.01237	-0.03795
-0.02847	-0.01994	-0.03269	-0.02051	-0.02514	-0.00842	-0.00448	-0.00586	0.010528	-0.03979
-0.01839	-0.03029	-0.03514	-0.03108	-0.03487	-5.88E-04	-0.00151	0.041403	-0.00435	-0.01903
-0.05218	-0.06103	-0.06584	-0.01748	-0.03585	-0.02662	-0.05159	-0.00392	-0.03982	2.11E-04
-0.07736	-0.09743	-0.07199	-0.00124	-0.04784	-0.03086	-0.07041	-0.04282	-0.01984	-0.0096
-0.06545	-0.07184	-0.04685	-0.0273	-0.0721	-0.00745	-0.07313	-0.05164	-0.01231	-0.0228
-0.03922	-0.04935	-0.0162	-0.06497	-0.07524	-0.00541	-0.04898	-0.05472	-0.07124	-0.055
-0.04833	-0.05253	-0.03128	-0.06026	-0.06358	-0.03979	-0.06054	-0.03319	-0.09579	-0.07735
-0.03395	-0.05198	-0.04179	-0.04527	-0.05883	-0.08882	-0.08878	-0.05165	-0.06961	-0.04452
-0.03746	-0.07881	-0.07694	-0.02862	-0.05549	-0.07602	-0.10591	-0.05514	-0.04945	-0.02912
-0.10207	-0.10604	-0.07856	-0.06721	-0.05799	-0.02779	-0.09752	-0.03834	-0.03821	-0.02903
-0.13201	-0.14375	-0.07751	-0.10721	-0.09058	-0.03435	-0.05568	-0.02331	-0.08084	-0.06062
-0.10335	-0.14994	-0.09557	-0.08098	-0.08703	-0.08763	-0.09075	-0.05755	-0.12452	-0.09757
-0.06811	-0.14346	-0.12107	-0.06468	-0.07851	-0.11267	-0.1135	-0.07866	-0.1174	-0.08811
-0.06387	-0.11632	-0.10743	-0.08794	-0.0923	-0.07242	-0.09458	-0.06999	-0.10564	-0.06924
-0.08932	-0.10633	-0.08608	-0.12458	-0.13755	-0.08497	-0.12734	-0.07228	-0.1085	-0.05579
-0.11354	-0.1304	-0.12504	-0.16543	-0.15173	-0.10062	-0.11757	-0.0881	-0.10463	-0.05294
-0.10076	-0.13596	-0.12794	-0.13988	-0.10384	-0.10564	-0.09319	-0.08246	-0.08796	-0.07513
-0.08736	-0.13301	-0.09455	-0.08937	-0.11194	-0.14691	-0.12546	-0.08245	-0.09569	-0.06934
-0.07669	-0.10709	-0.09415	-0.1053	-0.11444	-0.14595	-0.13379	-0.08901	-0.10664	-0.06088
-0.07334	-0.10729	-0.11246	-0.11927	-0.0743	-0.09086	-0.08678	-0.08794	-0.11174	-0.05954

-0.06908	-0.11599	-0.07841	-0.0985	-0.07001	-0.10122	-0.10012	-0.10525	-0.10248	-0.08402
-0.05932	-0.1158	-0.07102	-0.11755	-0.09053	-0.11331	-0.11249	-0.09977	-0.07738	-0.09799
-0.03472	-0.07538	-0.06964	-0.12287	-0.10004	-0.10231	-0.09052	-0.07739	-0.06654	-0.07306
-0.06224	-0.07322	-0.08033	-0.10691	-0.08858	-0.08109	-0.08377	-0.08673	-0.08618	-0.05717
-0.0971	-0.10804	-0.0932	-0.09293	-0.08799	-0.07899	-0.06779	-0.11582	-0.09958	-0.04536
-0.064	-0.09744	-0.06809	-0.07535	-0.08471	-0.09854	-0.08276	-0.10906	-0.08073	-0.05486
-0.03853	-0.0708	-0.05213	-0.08141	-0.06154	-0.09234	-0.08523	-0.07625	-0.08168	-0.10161
-0.01806	-0.03255	-0.03239	-0.09408	-0.04867	-0.05478	-0.07833	-0.06896	-0.09619	-0.10165
-0.03082	-0.04144	-0.04288	-0.07443	-0.05111	-0.06288	-0.07889	-0.06409	-0.07503	-0.07023
-0.03174	-0.07158	-0.0498	-0.05512	-0.06336	-0.07802	-0.06876	-0.08297	-0.08439	-0.04147
-0.0133	-0.04173	-0.02162	-0.05947	-0.08328	-0.07224	-0.06996	-0.08246	-0.07535	-0.06549
0.012869	-0.00725	0.007841	-0.04626	-0.03729	-0.05058	-0.07111	-0.07909	-0.07619	-0.1012
0.004701	0.01233	-0.00534	-0.03691	-0.00297	-0.02449	-0.0368	-0.06146	-0.07474	-0.07636
-0.02395	0.009415	-0.03656	-0.04701	-0.01946	-0.04296	-0.01968	-0.0546	-0.07575	-0.04277
-0.03946	-0.00728	-0.0293	-0.02916	-0.02017	-0.06554	-0.04353	-0.07333	-0.08521	-0.05675
-0.03501	0.028866	0.003274	-0.03702	-0.01564	-0.05372	-0.02429	-0.05706	-0.08333	-0.10077
-0.00148	0.048106	0.012525	-0.04659	0.003061	-0.02038	0.019853	0.007437	-0.05578	-0.06415
0.008056	0.035076	-0.02502	-0.00967	0.030829	0.007961	0.034048	0.015124	-0.00609	-0.00931
-0.01659	0.018831	-0.00314	0.017352	0.035226	0.043488	0.038315	-0.03825	-0.00178	0.001693
-0.0302	-0.04018	0.016575	-0.02072	5.58E-04	0.010019	0.021699	-0.02572	0.006186	-0.01511
-0.0182	-0.06839	-0.01689	-0.04486	-0.00415	-0.06051	0.018831	0.022776	0.023096	-0.0107
0.041134	-0.02195	-0.0433	-0.00721	0.024653	-0.04874	0.0293	0.022914	0.010931	0.041871
0.066076	0.026122	-0.02154	0.027096	0.005868	-0.00543	0.047159	-0.0116	0.022681	0.091549
-0.01186	0.017662	0.005185	0.022524	-0.03437	-0.00597	0.055149	0.008603	0.05613	0.066484
-0.04183	0.021125	0.023485	0.015171	-0.00265	-0.00535	0.054539	0.016633	0.042367	-0.00211
-0.01383	0.015023	-0.02238	-0.00544	0.044866	-0.00886	0.050183	-1.31E-06	0.017158	0.001293
9.61E-04	0.016497	-0.05228	-0.00733	0.019198	-0.03641	0.029596	0.005462	0.043652	0.019029
-0.00665	0.011814	8.93E-04	0.043796	-0.01235	-0.03703	0.006141	0.004717	0.076512	0.018682
-0.02946	0.014296	-0.00331	0.044745	-0.0318	-0.04839	0.013875	-0.00428	0.079532	0.036399
-0.02158	0.045517	-0.0226	0.029733	-0.01743	-0.01872	0.075404	0.019138	0.04291	-0.00758
0.04081	0.056215	7.12E-04	0.03787	0.012699	0.031048	0.113159	0.039554	0.042259	-0.01025
0.076374	0.033628	0.008093	0.050444	0.01874	0.053707	0.08161	0.029375	0.050462	0.044531
0.035822	0.048031	0.025924	0.051635	0.016863	0.056088	0.027838	0.020542	0.039613	0.073431
-0.00717	0.071756	0.039822	0.042682	0.006005	0.038729	0.013825	0.003298	0.017158	0.008399
8.13E-04	0.040568	0.007774	0.053779	-0.00211	-0.01998	0.038102	0.017824	-0.00618	-0.06484
0.041764	0.004487	0.006002	0.092295	0.011867	-0.02981	0.028603	0.002327	0.024376	-0.04219
0.060527	0.010322	0.032259	0.08083	-0.00247	0.026844	-0.00803	-0.00632	0.090814	0.028274
0.058818	0.020581	0.037753	0.009673	-0.03552	0.005762	-0.02375	-0.02136	0.084658	0.053232
0.07336	0.019722	0.016523	-0.0169	-0.03639	-0.0316	-0.01238	0.001916	0.018216	-0.0056
0.078056	-0.01596	0.022011	0.007513	-0.0407	-0.01179	0.022539	0.017569	-0.01474	-0.04924
0.054454	-0.0337	0.049304	0.026631	-0.04852	0.024198	-0.00952	0.019377	0.008886	-0.00522
0.043824	-0.00144	0.061872	0.022913	-0.00347	0.03835	-0.03614	0.057267	0.028555	0.020228
0.049969	0.016132	0.075598	0.002955	-0.02313	0.017868	0.014111	0.065859	0.025365	0.056512
0.051569	0.025749	0.070671	0.006267	-0.03851	0.042157	0.044714	0.025404	-0.02587	0.037357
0.046421	0.017923	0.07131	0.048712	0.026099	0.09171	0.033978	0.013788	-0.02186	0.018145
0.063435	0.049885	0.083224	0.092981	0.100896	0.070754	0.033608	0.074082	0.037929	0.021291
0.053768	0.07148	0.071582	0.056124	0.078517	0.027407	0.060022	0.106339	0.044504	0.042017

0.052381	0.037403	0.063374	0.006045	0.026386	0.04541	0.092599	0.078115	0.029764	0.084913
0.054696	0.007454	0.100735	0.034801	1.37E-04	0.095749	0.117407	0.055312	0.01026	0.085055
0.031594	0.017854	0.095782	0.093502	0.028611	0.053034	0.044877	0.079566	0.058935	0.116279
0.009911	0.038553	0.068449	0.087376	0.066242	0.004842	0.008394	0.093151	0.092209	0.13507
0.04453	0.056653	0.043717	0.030778	0.062337	0.034415	0.067492	0.067461	0.045067	0.094678
0.068963	0.036984	0.030366	-0.00463	0.061482	0.027037	0.097017	0.065308	0.039918	0.068735
0.036107	0.060231	0.033501	0.032024	0.073661	0.008331	0.054077	0.059962	0.037214	0.0701
0.010313	0.089576	0.035639	0.060294	0.079466	0.010239	0.035177	0.05792	0.061419	0.090586
9.77E-04	0.058352	0.012762	0.031572	0.039097	-0.0178	0.054151	0.058051	0.063766	0.091303
0.050024	0.028312	-0.02481	-0.02081	0.022768	-0.02058	0.064969	0.033241	0.039182	0.075858
0.050962	0.036565	0.010497	-0.02668	0.023212	-0.02077	0.034383	-0.00285	0.028433	0.067162
-0.00749	0.072269	0.065512	0.013903	0.028628	-0.00782	0.017846	0.0253	0.008385	0.044605
0.004866	0.079539	0.045888	0.037888	0.023123	-0.00975	0.069208	0.046232	0.012193	0.03743
0.051883	0.076118	0.007305	0.029949	-0.00198	-0.03495	0.073123	0.034727	0.049231	0.027176
0.065504	0.07976	0.010362	0.003243	-0.00941	-0.0454	0.049161	0.002936	0.041267	0.014351
0.019289	0.070889	0.011645	-0.00597	0.020555	0.012682	0.055963	-0.00809	0.018712	0.025147
0.016934	0.05931	0.015243	0.024368	0.017476	0.016201	0.071718	0.018233	0.031998	0.011066
0.037907	0.032275	0.01222	0.031572	-0.03789	-0.01907	0.074455	0.02948	0.059837	0.029837
0.019529	-0.02115	-0.01013	0.010808	-0.06065	-0.01873	0.058137	0.023414	0.059574	0.003883
-0.00241	-0.02368	-0.03062	0.001958	-0.02084	0.028605	0.055204	0.018677	0.037411	-0.02032
-0.00544	0.010151	-0.01483	0.006915	0.024137	0.052792	0.047558	-0.02318	0.020993	-0.03711
8.13E-04	-0.00507	0.022184	0.031554	-0.00502	-0.02885	-0.01672	-0.0568	0.013475	-0.07296
0.00854	-0.05895	0.018837	0.009055	-0.03943	-0.03755	-0.03086	-0.04623	0.018319	-0.06097
0.014558	-0.04524	-0.0299	0.007992	-0.00252	0.021794	-0.00776	-0.02149	-0.04345	-0.05222
-1.37E-04	0.013295	-0.02601	0.02835	-0.00171	-0.00397	-0.05954	-0.03591	-0.06246	-0.03418
0.008407	0.02037	0.008713	0.027239	-0.04283	-0.02424	-0.03044	-0.0231	-0.01585	-0.0133
0.019957	0.006299	-0.00836	-0.01072	-0.06091	0.013584	0.03716	0.011717	0.032104	-0.01846
0.026972	-0.01565	-0.01509	-0.07491	-0.085	-0.02514	-0.00846	0.013282	0.003188	-0.03768
0.02054	-0.03156	-0.02302	-0.05661	-0.04915	-0.02039	-0.05202	0.002903	-0.04894	-0.05054
-0.00476	-0.08335	-0.02455	-0.00873	-0.00319	0.016389	-0.03721	-0.00751	-0.02386	-0.03245
-0.01272	-0.07235	0.009167	0.007086	-0.00475	0.024128	-0.03449	0.008803	-0.01003	-0.03827
-0.02316	-0.03637	0.02472	-0.02986	-0.02582	0.014523	-0.04594	0.018848	-0.00123	-0.01099
-0.04282	-0.05506	-0.01767	-0.04533	-0.0406	-0.06712	-0.06226	0.002113	-0.05151	-0.00975
-0.04547	-0.07356	-0.01787	-0.01154	-0.01822	-0.07206	-0.01821	-0.01034	-0.07942	-0.03106
-0.02081	-0.07108	-0.008	0.006625	0.018828	-0.01009	-0.00484	-0.01998	-0.08634	-0.03728
-0.02356	-0.04969	-0.01655	-0.02375	-0.02768	-0.03359	-0.04982	-0.01428	-0.06898	-0.05746
-0.12796	-0.03637	-0.02927	-0.05626	-0.06976	-0.05583	-0.04047	-0.00566	-0.03467	-0.05253
-0.11043	-0.0444	-0.03278	-0.05625	-0.06774	-0.08832	-0.03572	-0.07684	-0.05362	-0.0152
-0.05405	-0.07043	-0.04421	-0.06623	-0.06582	-0.10854	-0.06741	-0.1087	-0.05861	-0.0317
-0.05785	-0.06871	-0.05	-0.07229	-0.07227	-0.12592	-0.08318	-0.08268	-0.07653	-0.08876
-0.03992	-0.06455	-0.08766	-0.07395	-0.06058	-0.11181	-0.08354	-0.086	-0.08995	-0.0754
-0.00996	-0.05502	-0.09621	-0.05592	-0.06392	-0.08476	-0.05274	-0.07847	-0.07304	-0.05123
-0.0056	0.005671	-0.02335	-0.02196	-0.08159	-0.06379	-0.03871	-0.0825	-0.06186	-0.06315
0.017991	0.066715	0.054795	0.002414	-0.03995	-0.0499	-0.05082	-0.08647	-0.04098	-0.08187
0.064516	0.098989	0.052393	0.057906	0.037625	-0.00829	0.002144	-0.02245	-0.01667	-0.03482
0.150066	0.150299	0.107806	0.129868	0.06536	0.029612	0.051924	0.02357	0.009857	0.02822
0.202372	0.226626	0.205432	0.181569	0.101662	0.08945	0.07758	0.003232	0.0571	0.043924

0.305988	0.318558	0.289307	0.251694	0.212351	0.183674	0.16785	0.067767	0.126773	0.066852
0.41609	0.390016	0.347792	0.315251	0.340865	0.316323	0.286836	0.192775	0.20016	0.142941
0.359334	0.364816	0.349003	0.36133	0.370186	0.397501	0.327947	0.239843	0.294903	0.269555
0.280087	0.350601	0.383532	0.386609	0.281988	0.314308	0.290159	0.322171	0.363688	0.286764
0.318791	0.37461	0.377524	0.376296	0.267812	0.244286	0.30529	0.35198	0.316632	0.198897
0.368223	0.353989	0.300075	0.344404	0.347375	0.298286	0.321274	0.275375	0.271294	0.229918
0.311118	0.340814	0.19466	0.271738	0.345691	0.320415	0.282069	0.18864	0.300398	0.310146
0.244494	0.337491	0.224021	0.272052	0.230034	0.290282	0.284007	0.223945	0.32303	0.327098
0.228081	0.353913	0.331992	0.278513	0.154222	0.275824	0.331952	0.353232	0.328022	0.251161
0.331737	0.336329	0.280334	0.25546	0.191652	0.243822	0.36253	0.388563	0.336295	0.257336
0.3449	0.297652	0.195072	0.304685	0.304516	0.278891	0.346502	0.292414	0.338289	0.361596
0.26326	0.256397	0.226287	0.350651	0.341346	0.329494	0.272568	0.215349	0.321001	0.377864
0.134619	0.239845	0.277519	0.339603	0.255174	0.303938	0.24268	0.266797	0.319768	0.269833
0.136811	0.231558	0.27528	0.282005	0.219522	0.256133	0.277077	0.280211	0.288649	0.173274
0.250456	0.227614	0.205855	0.227285	0.240367	0.230781	0.299798	0.226142	0.258748	0.197193
0.238103	0.239032	0.144726	0.242581	0.221789	0.259694	0.272507	0.157327	0.237629	0.276753
0.126373	0.206257	0.239253	0.230215	0.153621	0.219488	0.183845	0.119251	0.21423	0.238809
0.081755	0.202109	0.225983	0.18673	0.094339	0.146588	0.15083	0.12788	0.233598	0.17648
0.172999	0.253	0.178899	0.178441	0.135487	0.146842	0.212002	0.196564	0.22518	0.138622
0.189294	0.235365	0.170972	0.234952	0.22092	0.216812	0.211524	0.142638	0.167544	0.081493
0.196671	0.194505	0.16381	0.235096	0.182276	0.201856	0.192082	0.092969	0.160043	0.156971
0.195642	0.218862	0.17952	0.220783	0.124021	0.160829	0.161212	0.147204	0.200316	0.206206
0.149372	0.214099	0.167497	0.228051	0.155762	0.125546	0.188296	0.236757	0.225318	0.103232
0.189344	0.235912	0.163546	0.210186	0.24802	0.18433	0.218365	0.213527	0.162132	0.110391
0.256116	0.275524	0.150017	0.21446	0.26997	0.271418	0.220958	0.161387	0.156176	0.214811
0.192418	0.242848	0.172144	0.22443	0.220305	0.218312	0.230075	0.160392	0.22441	0.271041
0.183935	0.222113	0.245609	0.240705	0.209886	0.148723	0.202472	0.191198	0.261252	0.222784
0.271011	0.273573	0.309772	0.264201	0.247722	0.137694	0.220119	0.240355	0.24992	0.195939
0.273247	0.29349	0.231472	0.223754	0.309399	0.236811	0.231933	0.201633	0.185877	0.230652
0.187273	0.303532	0.257443	0.286174	0.331588	0.325245	0.267954	0.13684	0.194868	0.286154
0.207488	0.305758	0.335042	0.346526	0.302416	0.285887	0.316826	0.253726	0.312878	0.310927
0.298927	0.314882	0.368512	0.381078	0.332239	0.27773	0.350353	0.402342	0.390866	0.333352
0.403143	0.400823	0.38757	0.364897	0.419044	0.39042	0.410965	0.397415	0.332121	0.384698
0.419001	0.459497	0.407419	0.380997	0.45176	0.441684	0.441066	0.366375	0.300987	0.418794
0.397711	0.464731	0.45826	0.455711	0.435759	0.335964	0.407163	0.352458	0.39143	0.415495
0.44008	0.400697	0.435425	0.425054	0.403417	0.329565	0.391797	0.425934	0.454364	0.429603
0.462947	0.397678	0.404027	0.3358	0.331408	0.397336	0.409708	0.461539	0.455064	0.433372
0.450808	0.443836	0.363238	0.204605	0.280765	0.3961	0.451443	0.455897	0.364407	0.403342
0.328831	0.340155	0.339298	0.266585	0.336897	0.326856	0.376607	0.393391	0.351483	0.414415
0.289198	0.283289	0.351732	0.383225	0.347524	0.270401	0.27324	0.34668	0.392723	0.379771
0.33311	0.353724	0.372762	0.353865	0.335764	0.333001	0.212161	0.332315	0.398878	0.321873
0.324939	0.360038	0.338472	0.31612	0.288877	0.324303	0.302666	0.330352	0.272612	0.257757
0.279744	0.26864	0.256551	0.195207	0.259652	0.25337	0.280917	0.267675	0.109358	0.250984
0.230495	0.191324	0.198984	0.156188	0.236431	0.205394	0.202083	0.223206	0.194022	0.273965
0.235224	0.184007	0.196157	0.198167	0.225227	0.188773	0.180821	0.233666	0.200186	0.223895
0.222362	0.21088	0.21537	0.197584	0.133536	0.199338	0.220714	0.23291	0.122386	0.142087
0.192622	0.206876	0.221328	0.143167	0.111412	0.226835	0.263599	0.205396	0.056335	0.079094

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

150	151	152	153	154	155	156	157	158	159
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.96E-04	9.78E-05	4.89E-05	0	0	0	0	0	0	0
0.829057	1.02857	1.086467	1.39823	0.182531	0.091266	0.045633	0.022816	0.011408	0.005704
0.292844	0.310149	0.302363	0.365062	0.444155	0.467961	0.548191	0.56827	0.575122	0.640747
0.125439	0.072811	0.12244	0.137758	0.169345	0.207372	0.207569	0.187412	0.176496	0.211858
0.047134	-0.00609	0.083934	0.052277	0.061327	0.092087	0.096627	0.033915	0.029238	0.052717
-0.01305	0.004386	0.043734	0.031444	0.020137	-0.00595	-0.02516	-0.04784	-0.04473	-0.02516
-0.05977	-0.00955	0.002551	-0.00218	0.013949	-0.05134	-0.06519	-0.02752	-0.07392	-0.02765
-0.0334	-0.01615	-0.04333	-0.05284	0.010966	-0.02871	-0.04633	-0.01096	-0.08839	-0.02151
-0.04529	-0.02113	-0.04214	-0.05373	-0.00859	-0.00871	-0.06483	-0.0334	-0.05875	-0.03464
-0.06438	-0.04383	-0.08222	-0.05589	-0.04405	-0.05542	-0.06733	-0.02187	-0.00102	-0.06918
-0.08841	-0.10739	-0.13678	-0.0729	-0.06583	-0.11094	-0.0691	-0.01075	-0.00598	-0.06554
-0.1201	-0.12821	-0.12033	-0.10023	-0.06237	-0.07321	-0.07311	-0.03737	-0.05356	-0.04744
-0.1125	-0.07363	-0.10196	-0.10677	-0.06409	-0.07105	-0.06432	-0.05796	-0.09579	-0.09087
-0.09742	-0.07168	-0.1101	-0.07977	-0.09798	-0.10664	-0.05906	-0.07338	-0.11751	-0.13244
-0.08597	-0.08115	-0.10922	-0.06676	-0.16161	-0.13769	-0.06821	-0.06902	-0.08979	-0.09783
-0.0452	-0.07261	-0.11131	-0.08196	-0.15809	-0.15096	-0.1146	-0.10801	-0.0722	-0.10834
-0.07605	-0.0873	-0.13476	-0.10369	-0.12811	-0.10461	-0.11263	-0.13946	-0.05019	-0.11845
-0.10494	-0.13165	-0.16573	-0.09473	-0.10403	-0.1047	-0.10724	-0.1242	-0.06032	-0.09403
-0.09161	-0.11714	-0.11303	-0.08973	-0.12994	-0.1126	-0.09945	-0.10938	-0.09365	-0.11008
-0.09217	-0.09797	-0.06966	-0.04277	-0.08896	-0.06367	-0.05787	-0.082	-0.10033	-0.12636
-0.10366	-0.10323	-0.03357	-0.03806	-0.02027	-0.01629	-0.07179	-0.0788	-0.08205	-0.12853
-0.10057	-0.13388	0.012395	0.013553	-0.0047	-0.02413	-0.03489	-0.06122	-0.05685	-0.11197
-0.06708	-0.09124	0.018147	0.062227	0.011502	-0.00774	0.018025	-0.01582	0.006343	-0.03993

-0.07658	-0.08448	0.021857	0.012964	-0.00602	0.033453	0.042084	-0.01044	0.004688	-0.04815
-0.09757	-0.12239	-0.01483	-0.01074	-0.05334	-0.01873	-0.01913	-0.03739	-0.03436	-0.03526
-0.11664	-0.11376	-0.00597	-0.0087	-0.01913	-0.0594	-0.07744	-0.04775	-0.02237	-0.01961
-0.0991	-0.12946	-0.01475	-0.03673	-0.05775	-0.08678	-0.10037	-0.04574	-0.00817	-0.01097
-0.10498	-0.13524	-0.07905	-0.07761	-0.09009	-0.11073	-0.10265	-0.02943	-0.03885	-0.06229
-0.1413	-0.11124	-0.09579	-0.07744	-0.08373	-0.10733	-0.10803	-0.06981	-0.07358	-0.05821
-0.14121	-0.12919	-0.1028	-0.06939	-0.07883	-0.09692	-0.0595	-0.0879	-0.08574	-0.03135
-0.12331	-0.12039	-0.06869	-0.06418	-0.097	-0.11525	-0.07282	-0.10045	-0.09123	-0.06987
-0.11423	-0.1047	-0.05041	-0.07145	-0.09071	-0.12933	-0.10049	-0.08128	-0.05484	-0.07425
-0.11704	-0.08629	-0.07894	-0.07548	-0.0548	-0.11272	-0.09899	-0.0543	-0.06644	-0.07228
-0.14274	-0.11174	-0.1258	-0.08479	-0.05979	-0.09387	-0.09114	-0.08648	-0.07594	-0.05027
-0.16875	-0.12156	-0.12664	-0.10356	-0.08464	-0.09806	-0.07962	-0.10745	-0.0748	-0.07085
-0.15974	-0.0999	-0.07617	-0.12647	-0.12575	-0.16801	-0.08557	-0.09486	-0.09257	-0.10064
-0.14173	-0.09222	-0.10462	-0.12264	-0.13798	-0.17976	-0.10317	-0.09945	-0.11984	-0.10237
-0.12983	-0.12455	-0.13471	-0.1158	-0.09895	-0.12442	-0.0963	-0.12964	-0.12676	-0.08507
-0.12447	-0.10798	-0.11608	-0.10973	-0.10213	-0.11116	-0.0862	-0.12092	-0.10124	-0.06728
-0.11616	-0.07916	-0.10143	-0.10913	-0.12518	-0.14106	-0.09322	-0.1138	-0.08627	-0.11378
-0.10015	-0.07314	-0.10848	-0.09904	-0.1351	-0.15461	-0.09187	-0.12887	-0.11125	-0.15025
-0.11083	-0.07826	-0.12097	-0.09342	-0.10743	-0.12623	-0.0978	-0.14374	-0.11455	-0.12986
-0.12957	-0.10016	-0.12642	-0.11026	-0.10109	-0.11265	-0.12398	-0.15966	-0.12895	-0.10226
-0.13985	-0.0955	-0.10656	-0.07904	-0.09683	-0.12715	-0.12418	-0.14155	-0.12913	-0.12493
-0.09769	-0.04741	-0.05895	-0.07249	-0.0668	-0.11861	-0.08292	-0.10157	-0.10131	-0.12773
-0.05491	-0.0515	-0.05805	-0.06432	-0.03757	-0.07539	-0.04822	-0.09948	-0.09064	-0.10109
-0.08111	-0.08176	-0.08489	-0.03772	-0.05149	-0.07488	-0.04946	-0.10521	-0.06941	-0.063
-0.08005	-0.04118	-0.04123	-0.02278	-0.07223	-0.11306	-0.06975	-0.10613	-0.05325	-0.03461
-0.05361	-0.00867	-0.03417	-0.03495	-0.06114	-0.11445	-0.0684	-0.08732	-0.03833	-0.0775
-0.03863	-0.02916	-0.09561	-0.06118	-0.01907	-0.04478	-0.04123	-0.05835	-0.04713	-0.09387
-0.10445	-0.07269	-0.09978	-0.06625	-0.05723	-0.05863	-0.03327	-0.07827	-0.05421	-0.0676
-0.12093	-0.08427	-0.06573	-0.05113	-0.09444	-0.09654	-0.06982	-0.09402	-0.0521	-0.04795
-0.09974	-0.07072	-0.07607	-0.04915	-0.08279	-0.1092	-0.07525	-0.0851	-0.0477	-0.07896
-0.09843	-0.07669	-0.08471	-0.0601	-0.06135	-0.09739	-0.04686	-0.09075	-0.06061	-0.11533
-0.07513	-0.09967	-0.08957	-0.05041	-0.03618	-0.04226	-0.01189	-0.08326	-0.05926	-0.09419
-0.06878	-0.099	-0.09988	-0.05794	-0.08132	-0.012	-0.01022	-0.05762	-0.0241	-0.04546
-0.06678	-0.08406	-0.08818	-0.07675	-0.07577	-0.01884	-0.03638	-0.07439	-0.02303	-0.04897
-0.03129	-0.04165	-0.07753	-0.07115	-0.05324	-0.04807	-0.04937	-0.07455	-0.03167	-0.09732
-0.01646	-0.04653	-0.08427	-0.04298	-0.05452	-0.05826	-0.031	-0.04738	-0.02858	-0.08305
-0.04209	-0.08457	-0.08946	-0.05	-0.04654	-0.04184	-0.02325	-0.0591	-0.02784	-0.0479
-0.05735	-0.09021	-0.06514	-0.05631	-0.06183	-0.03991	-0.06154	-0.08137	-0.03618	-0.0465
-0.04598	-0.07174	-0.03885	-0.03942	-0.07923	-0.06349	-0.06946	-0.06661	-0.03069	-0.04699
-0.01615	-0.0404	-0.03651	-0.03193	-0.07344	-0.05207	-0.03272	-0.05494	-0.03096	-0.0422
-0.0125	-0.06318	-0.04542	-0.05151	-0.08027	-0.05863	-0.03708	-0.06003	-0.03996	-0.06538
-0.05225	-0.07334	-0.05448	-0.06124	-0.06932	-0.0362	-0.065	-0.06718	-0.03601	-0.07341
-0.04717	-0.05896	-0.06806	-0.0818	-0.07063	-0.03209	-0.06506	-0.05984	-0.03424	-0.05961
-0.02756	-0.0433	-0.04102	-0.06552	-0.08012	-0.0577	-0.07195	-0.03535	-0.05755	-0.06838
-0.0222	-0.06549	-0.05242	-0.01692	-0.04342	-0.03552	-0.04661	-0.03013	-0.04879	-0.0686
-0.01459	-0.07107	-0.06529	-0.02086	-0.02039	-0.00268	-0.02721	-0.04492	-0.02126	-0.05117
-0.04209	-0.06753	-0.04465	-0.04783	-0.04658	-0.02205	-0.04766	-0.05554	-0.03481	-0.03483

-0.03188	-0.0528	-0.03812	-0.05196	-0.07828	-0.04767	-0.03954	-0.02171	-0.0551	-0.04422
-0.0231	-0.03312	-0.01979	-0.04493	-0.07041	-0.01022	-0.02924	-0.02551	-0.06103	-0.05133
-0.0207	-0.06278	0.00108	-0.00275	-0.0307	0.02553	-0.03948	-0.03533	-0.04165	-0.03497
-0.0119	-0.09968	-0.02484	0.008161	-0.02848	-0.00385	-0.06864	-0.01089	0.004958	-8.36E-04
-9.82E-05	-0.09037	-0.0308	-0.03305	-0.0408	-0.06037	-0.09354	-0.02368	-0.01352	-0.02654
0.00757	-0.0432	-0.00707	-0.03024	-0.0268	-0.0501	-0.07276	-0.03466	-0.08682	-0.06868
0.002482	-0.0461	-0.00146	0.033182	0.029199	0.014265	-0.03179	-0.02578	-0.09571	-0.09358
-0.01917	-0.09724	-0.03851	0.044408	-0.00764	0.020908	-0.03048	-0.02289	-0.04118	-0.07931
-0.02858	-0.10251	-0.0486	-0.03887	-0.07074	-0.00853	-0.04732	-0.01244	0.003611	-0.0364
-5.82E-04	-0.06308	-0.03555	-0.07852	-0.07774	-0.02278	-0.06158	-0.00787	-0.01831	-0.01231
-0.00233	-0.06557	-0.06196	-0.05893	-0.08283	-0.03234	-0.07244	-0.0218	-0.0543	-0.01361
-0.01914	-0.06981	-0.04874	-0.04544	-0.065	-0.01654	-0.05626	-0.02147	-0.05309	-0.03796
-0.01895	-0.0704	-0.0333	-0.04102	-0.01891	0.004284	-0.044	0.00378	-0.03599	-0.05646
-0.01149	-0.05376	-0.03344	-0.03062	0.023664	-0.02647	-0.04207	0.017031	-0.00386	-0.03333
0.009581	-0.0362	-0.01231	-0.02168	-0.00189	-0.02942	-0.03357	-0.01025	-3.73E-04	0.007573
-0.01339	-0.05193	0.015102	0.009911	-0.00812	0.001209	-0.02746	-0.05813	-0.02992	0.008625
-0.06531	-0.06013	0.013905	0.027255	-0.01876	-0.01722	-0.04419	-0.03797	-0.02516	0.015667
-0.0814	-0.05901	-0.00709	-0.01831	-0.03128	-0.06267	-0.03687	0.019435	-0.00702	0.021322
-0.04849	-0.0643	-0.03665	-0.0612	-0.05143	-0.09728	-0.0443	-0.01089	-0.04165	0.00452
-0.0048	-0.08238	-0.05837	-0.0601	-0.05797	-0.08243	-0.04161	-0.06765	-0.07845	-0.01253
-0.01821	-0.0778	-0.01651	-0.01472	-0.00972	-0.01368	-0.02847	-0.05077	-0.07402	-0.02529
-0.03796	-0.04553	-0.00583	0.010306	0.034221	0.006954	-0.02274	0.009049	-0.04444	-0.02783
-0.01475	0.002896	-0.03685	-0.00964	0.041188	-0.01007	-0.00349	0.037101	-0.02689	-0.01349
-0.00452	-0.00354	-0.02643	-0.01159	3.29E-04	-0.03521	-0.00961	-0.02112	-0.04405	-0.00914
-0.02264	-0.02319	0.018822	-0.01257	-0.02617	-0.04951	0.003453	-0.03958	-0.06122	-0.02313
-0.0249	0.01283	0.02625	-0.02115	0.003155	-0.01773	0.019203	0.020477	-0.02447	0.005042
-0.01965	0.019586	-0.02458	-0.02798	0.021481	-0.04284	-0.00171	0.056516	0.032029	0.032136
-0.04395	-4.11E-04	-0.0605	-0.02563	-0.00477	-0.05383	-0.01382	0.012774	0.0413	0.034588
-0.07478	-0.01549	-0.06236	-0.04092	-0.00408	-0.01228	0.011421	-0.0181	-0.00681	-0.00214
-0.05077	-0.00113	-0.06971	-0.04453	0.026074	0.004216	0.010661	-0.0116	-0.03388	-0.01654
-0.02312	0.025356	-0.03059	-0.00697	0.024163	-0.04022	-0.02094	-0.0383	-0.05066	-0.00545
-0.02212	0.017919	-0.02402	0.002462	0.027023	-0.04113	-0.00349	-0.02808	-0.04419	-0.00308
-0.00652	-0.00171	-0.04291	-0.012	0.02226	-0.00499	0.021303	-0.00372	0.023866	0.010454
-0.02556	-0.00934	-0.02645	-0.01666	-0.03602	-0.01852	0.008663	-0.02821	0.015733	-6.47E-04
-0.04675	0.011576	-0.01989	0.008932	-0.03568	-0.03411	0.007753	-0.03854	-0.02183	-0.00942
-0.04181	0.039381	-0.00163	0.03074	-0.02734	-0.0137	0.018904	-0.04873	-0.01943	0.01749
-0.04266	0.011258	-0.02418	0.0015	-0.06729	-0.03779	0.030927	-0.01751	0.013991	-0.00545
-0.03396	-0.00973	-0.04969	-0.01779	-0.0874	-0.05486	0.003504	-0.02335	0.020182	-0.03391
-0.02029	6.72E-04	-0.01333	0.019875	-0.03515	-0.01104	-0.00678	-0.04116	-0.0103	-0.04327
-0.01217	0.01681	0.005026	0.034362	0.011675	0.005659	0.029518	-0.01296	0.022003	-0.0524
-0.01092	0.016739	0.004371	0.005447	-0.01952	-0.00996	0.034997	0.00497	0.040128	-0.01885
-0.00425	-0.01441	-0.02959	-0.01857	-0.05831	-0.00569	0.014632	0.009286	0.002067	-0.03049
0.005145	-0.01879	-0.06557	-0.00705	-0.05083	-0.00438	-0.03532	-0.02292	-0.03987	-0.04262
0.031064	0.013184	-0.02691	0.016773	-0.03281	-0.00655	-0.03649	-0.00296	-9.22E-04	0.007818
0.030741	0.026998	0.038342	0.050292	-0.00362	0.012862	-0.01046	0.008288	0.042163	0.015881
0.014443	-0.0437	0.015826	0.03271	4.25E-05	0.039147	0.038498	0.024021	0.007835	-0.02727
-0.00369	-0.0725	-0.02741	0.003173	-0.0072	0.048675	0.025177	0.044848	-0.01703	-0.02323

8.72E-04	-0.02951	-0.01909	0.010754	-0.00666	0.014664	-0.05276	-0.0088	-0.01839	0.005878
0.010659	-0.01803	0.00525	0.04779	-0.00944	0.011515	-0.03258	-0.00431	0.01109	0.015935
-0.00407	-0.0189	0.012447	0.018751	-0.03514	0.034451	-0.00865	0.017601	0.023514	0.00614
-0.00604	-0.01966	-0.00546	-0.0417	-0.03225	-0.00542	-0.0429	-0.00176	-0.03073	-0.02435
-0.01519	-0.03727	-0.00462	-0.02979	-0.02297	-0.03887	-0.03492	0.01204	-0.03878	-0.01418
-0.00696	-0.03458	0.019196	-0.02474	0.00324	-0.02137	-0.01761	0.004417	-0.01458	0.006157
0.011001	0.003866	0.032722	-0.02818	-0.00812	-0.00822	-0.02962	-0.02347	-0.02549	0.012043
0.014961	0.011823	0.013412	-0.04901	-0.0103	-0.00111	-0.00174	-0.0025	-0.00951	0.022698
-0.01652	-0.05595	-0.02705	-0.05003	-0.0057	-0.01467	0.010367	0.02569	-0.01366	0.025116
-0.04721	-0.09096	-0.03031	-0.03349	0.015379	-0.04321	-0.02613	0.011989	-0.00415	0.017741
-0.03586	-0.06543	0.003289	-0.03375	0.020455	-0.05904	-0.06116	0.018119	-0.0063	-0.00548
-0.00198	-0.0519	0.016409	-0.04132	0.012785	-0.01955	-0.04148	0.022971	-0.04643	-0.00181
-0.01252	-0.03861	-0.00815	-0.04635	0.01088	-0.01169	-0.01092	0.012603	-0.04473	0.018907
-0.046	-0.04835	-0.00729	-0.04748	-0.00176	-0.03086	0.020684	-0.00544	-0.03105	0.031747
-0.07159	-0.05158	0.013149	-0.035	0.003172	-0.05174	0.006589	-0.00378	-0.02143	0.009521
-0.05626	-0.03438	0.008486	-0.01224	0.020102	-0.06609	-0.04348	-0.00784	-0.03897	-0.02717
-0.03512	-0.00971	-0.02646	-0.01064	0.041484	-0.0577	-0.05875	-0.02503	-0.06208	-0.01982
-0.07616	-0.01206	-0.02229	0.007169	0.062921	-0.0129	-0.01618	-0.02209	-0.04148	0.019915
-0.07449	-0.03283	0.005043	0.011254	0.030679	-0.025	0.019185	0.00544	-0.01298	0.03788
-0.02895	-0.00483	0.009042	-0.00802	-0.0194	-0.08691	8.30E-04	0.002377	-0.00761	-0.01449
-0.00333	0.03478	0.021946	-0.00799	-0.00966	-0.06385	0.011525	-6.77E-05	-0.02976	-0.03198
-0.02816	0.033145	0.003168	-3.51E-04	0.039874	0.008184	0.041027	0.011478	-0.02753	0.02395
-0.04907	-0.00376	-0.04554	-0.02623	0.003767	-0.02147	0.036955	-0.03417	-0.01949	0.028575
-0.05179	-0.00891	-0.05889	-0.02367	-0.03266	-0.06193	0.003504	-0.04405	-0.01008	-0.02917
-0.03496	0.012176	-0.01651	-0.00117	-0.01248	-0.05537	-0.00415	-0.04477	0.001899	-0.03938
0.025057	0.041814	-0.02458	-0.0228	0.021994	-0.02986	0.011611	-0.04546	-0.0318	-0.01476
-0.00226	0.041058	-0.06251	-0.03506	0.025644	0.008868	0.035454	-0.04727	-0.03378	-0.00839
-0.0999	0.001619	-0.05145	-0.00286	0.004464	-0.01403	0.009351	-0.04107	-0.02421	-0.00635
-0.09431	0.006926	-0.03644	-0.00122	0.007471	-0.04481	-0.01951	-0.01089	-0.00333	-0.03914
-0.02659	0.016739	-0.02733	-0.0175	0.024698	-0.03799	-0.02102	-0.01743	-0.0185	-0.05468
0.009906	0.021206	-0.01328	0.011099	0.064424	0.007654	0.007547	-0.03217	-0.02057	-0.00492
-0.00931	0.014975	-0.04566	-0.01881	0.041818	0.009966	0.030457	-0.04454	0.017206	0.029016
-0.06053	0.009657	-0.06783	-0.05376	-0.01732	-0.03198	0.027719	-0.03297	0.022846	0.026851
-0.07622	0.006839	-0.03113	-0.02735	-0.03056	-0.05942	-0.006	-0.01264	0.007377	-0.04374
-0.00344	0.025465	-0.00374	-0.00888	-0.00872	-0.04442	0.006743	0.023216	0.003107	-0.05655
0.06064	0.011964	-0.02857	0.01053	0.002019	-0.05144	0.04038	0.019869	0.037085	-0.01625
0.01692	-0.02312	-0.02595	0.019594	-0.00388	-0.04098	0.015871	-0.01708	0.044762	-0.02117
-0.05011	0.001068	0.022072	0.010324	-0.02182	-0.00268	0.014911	-0.0159	0.015336	-0.08464
-0.06338	0.011064	0.027283	0.014977	-0.00781	0.002305	0.047386	0.007865	0.007971	-0.0774
-0.00978	0.023195	-0.00966	0.009413	0.044966	0.033054	0.062176	0.00221	0.022881	-0.00594
0.012237	0.024919	-0.00828	0.027005	0.052831	0.058398	0.045811	-0.0473	0.047395	0.023242
-0.02722	0.01462	-0.00142	0.034926	-0.00268	5.36E-04	-0.01659	-0.0654	0.061284	0.05295
-0.04019	0.023285	-0.01308	0.017979	-0.04201	-0.04266	-0.01738	-0.0106	0.024713	-0.00733
-0.02408	0.021351	-0.01508	0.014612	0.004737	-0.00746	0.033121	-0.00134	-0.00243	-0.0452
-0.01912	0.021838	-0.01764	0.032457	0.030191	0.001664	0.057959	0.013475	0.017865	0.003825
-0.04484	-0.00521	-0.04605	0.037081	0.046558	0.005387	0.030547	-0.01167	0.040201	0.046737
-0.08402	-0.02814	-0.06036	0.031679	0.021799	-0.00276	-0.00857	-0.02556	0.041135	0.040554

-0.08824	-0.02117	-0.01338	0.018277	-0.03497	-0.05172	0.009936	-0.00796	0.025844	-0.01259
-0.07132	-0.0164	0.013096	-0.01418	-0.02496	-0.08104	0.028258	0.014177	0.023637	-0.03049
-0.03353	0.002171	-0.02828	-0.03051	0.004669	-0.02651	0.033612	0.021208	0.021372	-0.01359
-0.04625	-0.00822	-0.03077	-0.00491	0.008931	-0.00433	0.006725	-0.01238	0.024519	0.009732
-0.02372	0.022037	-0.03902	0.028832	0.001106	-0.03324	-0.02286	-0.03791	0.04552	0.008748
0.040279	0.070401	-0.01481	0.032511	0.005009	-0.03867	-0.0103	-0.03652	0.028186	-0.01858
0.024031	0.048311	0.001593	0.026558	0.054395	-0.01279	0.001133	-0.02046	4.44E-04	-0.02907
-0.01201	0.014904	-0.04379	-0.00198	0.048118	-0.0081	0.013188	-0.03854	-0.01078	0.003877
-0.03468	-0.00521	-0.04286	0.018488	0.010103	-0.02946	0.025874	-0.05758	-0.00792	0.019375
-0.04745	0.013254	-0.00622	0.014664	-0.02388	-0.04397	0.008062	-0.0322	0.004638	-0.04665
-0.02715	0.048695	0.041311	-0.00149	0.012299	-0.02045	0.022188	0.008254	0.003443	-0.07684
-0.00397	0.056331	0.025292	0.01397	0.062921	3.18E-04	0.040398	-0.00995	0.022934	-0.0109
0.008098	0.041266	-0.00644	0.024348	0.05306	0.002862	0.029716	-0.04318	0.029862	0.035595
0.012736	0.037374	0.014433	0.038657	0.013097	0.005336	0.024214	0.02053	0.036649	0.005443
0.023149	0.072486	0.040805	0.018435	-9.68E-04	-0.00291	0.047574	0.062393	0.037394	-0.02793
0.035067	0.083544	0.027537	-0.00131	0.028983	0.025547	0.059714	0.004215	0.00118	-0.02925
0.036464	0.051354	0.003769	0.046797	0.080656	0.076715	0.038903	-0.03701	-0.00184	0.007556
-4.99E-04	0.026797	0.009669	0.05927	0.045677	0.045085	0.014162	-0.02752	0.021004	0.038068
-0.03576	0.019461	0.016887	0.032149	0.002002	-0.01649	-0.00302	-0.01818	0.0187	-0.03111
-0.02629	0.019191	-0.00825	0.02815	0.014698	-0.01487	0.016045	-0.04178	-0.0239	-0.05518
-0.00755	0.019604	-0.01468	0.030217	-0.00794	-0.02884	0.013501	-0.03472	-0.02094	-0.02825
0.00895	0.004074	-0.03752	-9.72E-04	-0.02525	-0.0137	-0.02049	-0.0204	0.020008	0.00852
-0.01736	-0.00534	-0.04883	-0.03732	-0.04008	-0.02139	-0.04647	0.002761	0.022214	0.005042
-0.03702	0.026888	-0.03013	-0.02123	-0.03511	-0.04304	-0.02211	0.036613	0.004992	-0.02915
-0.00755	0.040492	-0.05168	-0.00996	-0.0493	-0.02349	0.003334	-0.00569	-0.01327	-0.04397
0.023379	-0.01887	-0.05846	0.01819	-0.0244	0.020802	0.011473	-0.03483	-0.00947	-0.0511
0.005738	-0.06074	-2.50E-04	0.070588	0.016235	0.035379	-0.00492	0.006769	0.033269	-0.03637
-0.00998	0.002309	0.057243	0.0646	-0.00445	0.013052	-0.05714	0.005121	0.040989	-0.00299
0.008575	0.053292	0.035486	0.02522	-0.00959	-0.00657	-0.06298	0.00714	0.001063	-0.03437
0.011945	0.028554	-0.00801	0.024064	0.020349	-0.00161	-0.05596	-0.03507	-0.00833	-0.08
0.018086	-0.03913	-0.02098	0.013086	-0.00852	0.017888	-0.03	-0.05273	0.024131	-0.05962
-0.01946	-0.07399	9.26E-04	-0.00711	-0.05285	0.010379	-0.04181	-0.02982	0.028934	0.003392
-0.02523	-0.0165	-0.00491	-0.0351	-0.05683	-0.00493	-0.02202	-0.00742	-0.01081	-0.00589
-0.0244	-0.03454	-0.04442	-0.04336	-0.07879	-0.00567	0.006777	0.009659	-0.02525	-0.04568
-0.01066	-0.04647	-0.04797	-0.02556	-0.07208	-0.01907	-0.01909	0.00746	6.45E-04	-0.00785
0.027275	-0.0083	-0.02822	-0.00768	0.001884	-0.01302	-0.05962	0.01204	-0.01001	-0.0088
0.017128	-0.01565	0.016374	0.009722	0.034294	-0.01151	-0.06388	0.021801	-0.0012	-0.02647
0.015498	-0.02376	4.14E-04	-0.02539	-0.03106	0.008594	-0.03936	-2.50E-04	-0.01663	-0.01276
0.016764	-0.03353	-0.02572	-0.03918	-0.05995	0.040472	0.002537	-0.00365	-0.02806	-0.00929
0.024137	-0.031	-0.01475	-0.03712	-0.01994	0.049427	-0.00367	0.017462	0.032784	0.051108
-0.00153	-0.03553	0.017189	0.001416	0.050156	0.039644	-0.04611	0.010287	0.030577	0.059649
-0.00831	-0.02874	0.01916	-0.02485	0.019537	0.008543	-0.0246	-5.65E-04	-0.01981	0.019213
0.013166	-0.02423	-0.00838	-0.06083	-0.02633	-0.00371	-0.03626	-0.01211	-0.03102	-0.00164
-0.00655	-0.04093	0.00774	-0.01626	-0.02002	0.015046	-0.0619	-0.01967	-0.02399	7.29E-04
-0.02108	-0.02035	0.010366	1.36E-04	0.004566	0.003877	-0.04935	0.002677	-0.02297	0.009292
0.001022	0.010923	-0.00339	-0.06355	0.00409	-0.02957	-0.03856	0.017843	0.004233	0.003773
0.027667	-0.00884	-0.00428	-0.08058	-0.01428	-0.04121	0.003131	0.013082	0.014146	-0.00101

0.016312	-0.03806	-1.48E-04	-0.04948	-0.01474	-0.04633	-0.0093	-0.00194	-0.01714	0.029715
-0.011	-0.00993	0.020873	-0.02577	-1.09E-04	-0.01068	-0.04477	0.015344	-0.04287	0.034327
-0.03468	-0.02322	-0.02013	-0.03756	0.019167	0.006698	-0.04313	0.016634	-0.02862	0.008274
-0.02648	-0.02679	-0.02967	-0.04428	-0.00199	-0.03439	-0.0148	-0.00232	-0.01141	-0.01263
-0.00341	0.009253	0.006649	-0.0473	-0.02061	-0.02568	0.019626	-0.00812	-0.03884	-0.03178
0.018818	0.035003	0.018449	-0.03134	0.009792	0.005642	0.003216	-0.03235	-0.03277	-0.00455
0.005264	0.051722	0.029811	0.037282	0.045695	-0.01895	-0.00572	-0.01368	0.012959	0.043663
-0.01125	0.050755	3.63E-04	0.059463	0.030462	-0.01738	0.015085	0.033162	0.05912	0.058092
-0.03109	0.034278	-0.02242	0.011651	0.019202	-0.00176	0.014231	-0.03235	0.050006	0.01581
-0.03871	0.007677	-0.02704	-0.00667	0.035975	-0.01084	0.007736	-0.04513	0.005481	-0.0104
-0.01813	0.00642	-0.02445	2.02E-06	0.047553	9.94E-05	0.041564	0.007747	0.019293	0.010789
-0.03484	0.020666	0.022305	0.043757	0.034567	0.015029	0.087384	0.018015	0.040732	0.014473
-0.00407	0.039212	0.021266	0.047284	0.009448	0.021366	0.075418	0.009693	0.036667	-0.00794
0.039381	0.012794	-0.03115	0.016388	0.013532	0.021966	0.030673	-0.01458	0.019432	-9.05E-04
3.20E-04	0.008237	-0.02809	0.012221	0.033528	0.022973	-0.00174	-0.05376	0.018752	0.022009
-0.00536	0.037673	0.012009	0.029677	0.012316	0.027493	0.022792	-0.01128	0.035598	0.002664
0.012443	0.035357	0.035375	0.03954	-0.03144	0.019272	0.058036	0.038984	0.048549	-0.01396
0.03465	0.018008	-0.02649	0.002767	-0.0199	0.023824	0.019168	0.040675	0.027529	-0.00765
0.035756	0.051238	-0.0149	0.021602	0.008519	0.024321	-0.00504	0.011137	0.020252	0.032822
0.014788	0.063945	0.02531	0.042143	-0.00625	0.008286	-0.00677	0.012159	0.051825	0.04935
0.030221	0.033906	0.034102	0.035145	-0.00918	0.033925	-4.72E-05	0.040019	0.066325	-0.00404
0.042927	-0.00229	-0.00836	0.033	-0.01471	0.037863	-0.0093	0.054179	0.047711	-0.01291
0.042006	-0.00651	-0.04226	0.041163	0.019608	0.037643	-0.01958	0.048838	0.020724	0.05711
0.044017	0.023158	0.002448	0.051217	0.044872	0.04986	-0.00574	0.007696	0.034369	0.07192
0.077287	0.06907	0.058879	0.044296	0.003257	0.05631	0.02727	-0.02049	0.029452	0.023787
0.090215	0.056449	0.087045	0.012791	-0.00238	0.064665	0.041249	-0.00753	-0.0196	0.003947
0.07268	-0.0024	0.044923	0.010651	0.041985	0.064821	0.035819	0.052585	9.29E-04	0.019933
0.075216	-0.01269	0.014327	0.032584	0.050477	0.050482	0.002097	0.061991	0.041998	0.045627
0.105026	0.024392	0.04381	0.015952	0.032129	0.046671	0.00911	0.080837	0.025844	0.051166
0.097976	0.064523	0.089885	0.018838	0.057809	0.081914	0.059869	0.083683	0.019449	0.038594
0.049375	0.027034	0.066455	0.020245	0.061968	0.077176	0.047311	0.061398	0.040147	0.071961
0.031028	0.002309	0.056447	0.014161	0.085862	0.043004	-0.00941	0.028108	0.034423	0.095085
0.038194	0.025921	0.08932	0.0495	0.088437	0.039717	0.002487	0.05109	0.068252	0.079995
0.033061	0.0367	0.087774	0.059771	0.097096	0.086254	0.090754	0.111955	0.07992	0.073079
0.023396	0.056292	0.077574	0.031408	0.128876	0.128792	0.125734	0.126158	0.052032	0.100364
-0.042	0.026614	0.052719	0.033055	0.09976	0.053965	0.094172	0.069303	0.061092	0.11926
-0.0418	-0.01497	0.04253	0.040627	0.070586	0.013277	0.058421	0.032233	0.082776	0.111607
0.013787	0.011681	0.055265	0.011702	0.064678	0.032638	0.069922	0.047097	0.086566	0.084486
0.041215	0.041738	0.024606	-0.01389	0.053117	0.037131	0.09344	0.072094	0.06917	0.068825
0.033566	0.086909	0.037636	0.017279	0.063175	0.065796	0.086581	0.053804	0.062245	0.108393
0.009291	0.06588	0.087441	0.067593	0.077582	0.058206	0.076039	0.014674	0.057042	0.131081
0.03552	0.064961	0.101952	0.087047	0.098194	0.025797	0.081471	0.030681	0.063556	0.058348
0.03929	0.087244	0.112484	0.067731	0.126096	0.065191	0.104547	0.062546	0.070541	0.045206
0.064423	0.116489	0.089466	0.078407	0.116514	0.105405	0.104547	0.057518	0.057727	0.092437
0.065568	0.118605	0.059308	0.099947	0.053708	0.066813	0.083814	0.004919	0.05237	0.089975
0.013149	0.0824	0.059758	0.081559	0.037939	0.032186	0.041175	-0.03064	0.035417	0.031026
0.013097	0.050196	0.040618	0.050707	0.059274	0.043189	0.070298	0.034507	0.068018	0.01681

0.042024	0.053253	0.054067	0.079294	0.113199	0.094982	0.10786	0.091824	0.099938	0.07824
0.038559	0.0667	0.027864	0.087766	0.132886	0.055489	0.055253	0.049581	0.105154	0.091056
0.018103	0.051722	0.017809	0.089456	0.060028	0.00844	0.012165	0.025075	0.098032	0.088623
0.016122	0.055608	-0.02421	0.064424	0.003988	-0.03967	0.0122	0.024811	0.075712	0.046488
0.017459	0.058664	-0.05982	0.010255	0.006478	-0.02698	0.046411	0.006466	0.031025	0.006839
-0.05735	0.054497	-0.03458	0.004274	0.020296	0.034579	0.062604	0.009286	0.036558	0.032302
-0.05364	0.025174	-0.01963	0.024082	0.034093	0.065933	0.030673	0.01303	0.074245	0.076103
0.027097	0.025156	0.014609	0.035491	0.006581	0.050991	0.008439	0.023548	0.077402	0.048003
0.013666	0.047697	0.022538	0.020509	-0.00119	0.032674	-0.00369	0.024635	0.055732	0.026046
-0.01433	0.003727	-0.01868	0.021426	-0.00327	0.036985	-0.00178	0.009252	0.024501	-0.00151
0.021092	0.018295	0.021159	0.058962	0.023273	0.059051	0.01629	0.011512	0.001614	-0.03287
0.032971	0.081716	0.071969	0.052922	0.023148	0.031951	-0.0135	0.022482	0.020182	-0.00516
0.029738	0.057898	0.048261	0.0121	-0.02077	0.011774	0.008869	0.052379	0.024201	0.021178
0.059278	0.020162	0.024967	-7.20E-04	-0.01534	0.027314	0.015836	0.049953	0.006834	0.007976
0.067633	0.00738	0.033071	0.03418	0.01388	0.011705	-0.03748	0.004886	0.00565	-0.00718
0.036446	-0.02609	0.020837	0.03919	0.043324	-0.00406	-0.0345	0.026977	0.007631	-0.01594
-0.00637	-0.02277	0.023796	-0.02284	0.023184	-0.00209	-0.01372	0.043819	0.045354	0.042693
0.008013	0.015705	0.026377	-0.02708	0.001985	-0.00193	-0.00769	0.019887	-0.00557	0.044787
0.052192	0.022724	0.03569	-0.00373	0.00443	0.019869	1.04E-04	0.001561	-0.05496	-0.01549
0.040829	-0.00988	0.036801	-0.0032	0.004464	0.037717	-0.02227	0.027224	-0.03418	-0.00497
-0.02814	-0.06134	0.034397	-0.04877	8.69E-04	0.006034	-0.04911	4.80E-04	-0.007	-0.00342
-0.04168	-0.05807	0.003821	-0.04942	-0.01911	-0.01731	-0.03268	-0.01853	-0.03934	-0.01683
-0.0014	-0.02193	-0.00396	-0.02342	-0.04091	-0.01623	-0.03372	-0.02264	-0.06341	-0.02664
0.021601	0.00602	0.039833	0.023514	-0.00502	0.01326	-0.04291	-0.0212	-0.07891	-0.05677
0.022991	-0.00313	0.032392	0.020333	0.025591	0.020872	-0.02948	0.01095	-0.06968	-0.05566
0.001006	-0.03269	-0.01383	-0.02297	0.015449	-0.03036	-0.03113	0.028603	-0.02183	0.012185
0.020636	-0.01732	-0.01557	-0.03987	-0.00903	-0.04045	-0.0228	-0.00815	-0.04033	-0.00801
0.016937	-0.0235	-0.0097	-0.03667	-0.02255	-0.00792	0.003097	-0.04999	-0.09422	-0.05045
-0.01835	-0.03869	0.020265	-0.01911	-0.01	-0.00184	-0.03358	-0.03067	-0.04969	-0.02313
-0.03797	-0.03393	0.011292	-2.50E-04	0.01171	-0.02557	-0.06861	-0.01023	-0.01076	-0.02973
-0.02118	-0.04462	-0.01587	-0.01397	0.020313	-0.04245	-0.04982	-0.02898	-0.01214	-0.02901
0.001609	-0.0913	-0.04829	-0.05105	-0.0136	-0.05924	-0.00494	-0.02518	-0.02744	-0.06034
0.035447	-0.06533	-0.01885	-0.03801	-0.01384	-0.06065	-0.00434	-0.04534	-0.08292	-0.07908
0.011001	0.003485	0.039665	-0.00883	0.014943	-0.0283	-0.01045	-0.0184	-0.05142	-0.00461
-0.04236	0.004386	0.026721	-0.01613	0.029235	-0.01633	-0.01837	0.016152	0.010885	0.052581
-0.0467	0.003381	-0.00154	-0.04224	-0.00878	-0.02791	-0.00579	-0.01089	-0.01323	0.010207
-0.05124	-0.01697	-0.01554	-0.0494	-0.01068	-0.02903	0.010954	-0.02877	-0.05745	-0.07077
-0.01504	-0.0203	-0.00129	-0.00234	0.016393	-0.04254	-0.02503	-0.06014	-0.07168	-0.04403
-0.0074	8.61E-04	0.010628	0.034035	0.051103	-0.03197	-0.01089	-0.06523	-0.05491	0.009451
-0.00437	0.018205	-0.01785	0.028778	0.03625	-0.01448	0.024232	-0.00303	0.011912	-0.00456
-0.01792	0.01036	-0.03989	-0.02856	0.004669	-0.00398	0.031614	-0.00647	0.036703	-0.02107
-0.02541	4.65E-04	-0.02688	-0.05291	-0.00258	-0.02279	0.019414	-0.00944	0.00911	-0.02226
-0.0337	0.012547	5.00E-04	0.00799	0.012542	-0.06819	0.00954	-0.04812	0.003039	-0.02524
-0.039	0.013502	0.013641	0.058366	-4.12E-04	-0.06469	0.044447	-0.04174	0.026588	-0.00601
-0.01816	0.006055	-0.03249	0.045227	-3.45E-04	-0.03119	0.055139	-9.95E-04	0.037121	0.004833
-0.0158	-0.02347	-0.03862	0.016982	0.028316	0.010293	0.039586	-0.02883	0.042071	0.025645
-0.01269	0.0126	0.01482	0.017717	0.042412	-0.00331	0.008835	-0.03143	0.014301	0.027144

-0.01094	0.059018	0.023508	0.033472	0.035353	-0.02903	0.020172	-0.04044	0.014715	-0.01705
-0.03241	0.020108	-0.03005	0.036167	0.005572	-0.02459	0.05116	-0.01233	0.03473	-0.04013
0.011019	0.011964	-0.0564	0.023673	0.002544	-0.00662	0.033721	0.012245	0.029255	-0.01486
0.018469	0.021856	-0.04334	-7.37E-04	0.012005	0.041062	4.92E-04	-0.02832	0.020182	0.017866
-0.03221	0.037992	-0.0212	-0.03332	-0.00457	0.0237	0.017849	-0.03172	0.023321	0.027492
-0.02638	0.070481	0.036393	-0.00702	-0.03272	-0.00246	0.038094	0.00844	0.022301	-0.01858
-0.02159	0.040323	0.007445	0.034435	-0.02917	0.007432	0.039401	0.026888	0.026411	-0.04374
-0.00788	0.024628	-0.04102	-0.00557	-2.27E-04	0.021031	0.015155	0.004467	0.01056	-0.01687
-0.00708	0.025739	-0.03519	-0.02469	0.017497	0.024943	-0.00832	-0.02951	-0.03388	0.006874
-0.00881	0.025101	-0.00644	-0.02355	0.034184	0.03329	0.00813	-0.002	-0.02344	-0.01088
0.0137	0.046128	0.006303	0.016511	0.059661	0.06243	0.049647	0.079421	0.021074	-0.03854
-0.01737	0.019048	-0.00346	0.051747	0.038859	0.045327	0.103285	0.182056	0.033377	-0.00878
-0.03526	-0.00717	-0.0134	0.025273	0.03291	0.028908	0.052698	0.10694	-0.02527	-0.00807
-0.00353	0.036252	0.017721	0.045619	0.050269	0.03233	-0.03498	0.022185	0.004385	0.002976
0.014685	0.056938	0.062031	0.069738	0.023486	0.033018	0.008663	0.031643	0.065335	0.034234
0.045257	0.04858	0.082449	0.079455	0.04232	0.068815	0.054355	0.041696	0.03958	-0.01011
0.073886	0.039776	0.074692	0.06671	0.072773	0.105769	0.058017	0.073585	0.007971	-0.01006
0.048982	0.00642	1.93E-04	0.035437	0.073251	0.080497	0.017656	0.065757	0.03282	0.055641
0.04385	-0.00504	-0.03593	0.029497	0.033092	0.030976	-0.02419	0.032894	0.064483	0.083484
0.047637	0.042211	0.047481	0.061472	0.007437	0.052675	-0.0092	0.0373	0.058718	0.03483
0.03792	0.046548	0.098262	0.066554	0.014716	0.065269	0.014806	0.032054	0.031832	-0.00682
0.042282	6.20E-04	0.059445	0.059559	0.038049	0.03447	-0.01389	0.036163	0.017935	0.033397
0.048945	0.040115	0.059093	0.063859	0.064854	0.026671	-0.02943	0.031733	0.041759	0.047926
0.054516	0.060951	0.081502	0.059039	0.038362	0.024943	-0.03288	0.023759	0.039178	0.034961
0.042411	0.056273	0.077513	0.029713	0.04491	0.05052	-0.03646	0.026095	0.049819	0.062064
0.028219	0.030871	0.048775	-0.00591	0.035243	0.056597	-0.01314	0.027259	0.032532	0.045436
0.005129	-0.01575	0.023167	0.006691	0.013132	0.016421	-0.00494	0.035514	-0.03674	-0.03212
0.013476	-0.05351	0.009373	0.038676	0.030372	0.008286	-0.03175	0.013903	-0.04494	-0.01781
0.031746	-0.04397	-0.02135	0.013467	-0.01355	0.005268	-0.01527	0.032018	0.009383	0.049562
0.018957	-0.01439	-0.00886	-0.01405	-0.00698	0.019992	0.005069	0.025356	-0.00569	0.022354
-0.03741	-0.03283	0.006908	-0.02708	0.001038	0.033743	-0.01675	0.019887	-0.041	-0.0311
-0.06059	-0.07704	-0.0046	-0.06991	-0.01852	-0.01461	-0.00951	0.036397	-0.0241	-0.02321
-0.03748	-0.08699	-0.0062	-0.04747	-0.03214	-0.05093	-0.04129	0.009897	-0.01481	0.014313
-0.02245	-0.0469	-0.00955	-0.07827	-0.01994	-0.01536	-0.03974	0.008237	0.00128	0.020997
-0.03305	-0.02668	-0.03262	-0.10956	-0.01474	0.020362	0.008319	0.015894	-0.02156	0.020618
-0.04892	-0.05651	-0.03279	-0.08339	-0.02691	-0.01458	0.01519	-0.0066	-0.04879	0.021738
-0.03275	-0.06394	-0.00553	-0.06591	-0.01099	-0.03645	-0.01513	-0.03725	-0.04402	0.013265
-0.04381	-0.06866	0.01572	-0.027	0.002714	-0.04115	-0.0484	-0.01492	-0.02029	-0.00819
-0.0799	-0.08751	-0.00993	-0.03226	0.007454	-0.00655	-0.04236	-0.00743	-0.04135	-0.01764
-0.12723	-0.09831	-0.05631	-0.09577	-0.06281	-0.00978	-0.01607	-0.04906	-0.09254	0.00211
-0.13907	-0.10731	-0.0714	-0.11658	-0.08208	-0.06498	-0.0396	-0.05548	-0.07475	-0.01107
-0.08708	-0.09824	-0.04874	-0.10008	-0.05864	-0.08059	-0.07369	-0.03673	-0.06482	-0.02976
-0.03535	-0.10357	-0.06128	-0.09973	-0.06174	-0.08296	-0.06484	-0.02087	-0.04557	-0.03206
-0.07437	-0.07186	-0.0863	-0.08601	-0.03894	-0.0533	-0.051	-0.01236	-0.03584	-0.0171
-0.08865	-0.05634	-0.07909	-0.06965	-0.02921	-0.04569	-0.02428	-0.05455	-0.05321	0.010049
-0.07459	-0.07444	-0.07726	-0.07863	-0.02832	-0.08449	-0.03587	-0.09118	-0.10634	-0.01816
-0.07701	-0.07139	-0.03533	-0.07351	-0.04053	-0.0944	-0.06385	-0.08671	-0.12491	-0.04428

-0.11885	-0.06675	-0.04487	-0.08257	-0.05649	-0.1068	-0.06481	-0.05637	-0.07097	-0.02909
-0.12953	-0.06908	-0.07733	-0.09108	-0.07007	-0.1117	-0.07084	-0.05042	-0.05381	-0.02939
-0.11751	-0.10017	-0.08103	-0.08606	-0.10724	-0.08352	-0.06297	-0.08717	-0.10458	-0.03917
-0.1286	-0.11676	-0.08545	-0.08824	-0.11538	-0.0891	-0.08503	-0.10506	-0.08087	-0.03796
-0.0983	-0.10629	-0.10423	-0.10194	-0.1048	-0.14595	-0.10536	-0.10056	-0.07375	-0.07533
-0.08021	-0.10304	-0.13063	-0.12921	-0.09801	-0.15414	-0.10137	-0.10587	-0.09926	-0.09911
-0.11564	-0.09657	-0.11732	-0.12552	-0.09779	-0.11336	-0.11844	-0.13069	-0.10453	-0.08565
-0.14356	-0.0949	-0.09228	-0.10376	-0.11459	-0.1261	-0.14356	-0.14605	-0.10577	-0.07091
-0.13719	-0.10925	-0.09123	-0.09823	-0.11301	-0.14225	-0.12744	-0.1385	-0.08536	-0.11665
-0.09081	-0.08911	-0.09676	-0.08532	-0.09492	-0.12588	-0.07265	-0.11696	-0.09398	-0.14667
-0.07996	-0.09392	-0.11507	-0.11299	-0.09621	-0.11826	-0.08044	-0.11675	-0.10102	-0.12251
-0.10868	-0.09715	-0.11612	-0.11206	-0.11903	-0.11443	-0.10912	-0.11872	-0.09695	-0.10109
-0.12599	-0.09781	-0.10196	-0.0965	-0.11566	-0.11716	-0.10374	-0.1164	-0.09801	-0.1249
-0.13263	-0.10119	-0.10596	-0.08727	-0.07904	-0.11115	-0.08883	-0.11466	-0.10067	-0.13533
-0.11412	-0.09631	-0.12222	-0.08228	-0.0462	-0.08629	-0.06639	-0.11825	-0.09167	-0.12491
-0.1026	-0.0894	-0.12175	-0.08886	-0.08279	-0.07851	-0.10483	-0.13455	-0.09268	-0.10737
-0.0868	-0.05118	-0.08358	-0.09556	-0.13621	-0.12556	-0.13264	-0.12316	-0.08274	-0.10222
-0.09687	-0.04466	-0.06857	-0.08738	-0.10186	-0.12431	-0.10994	-0.11178	-0.07514	-0.11766
-0.0754	-0.04316	-0.07309	-0.07773	-0.05086	-0.07819	-0.0803	-0.09697	-0.05635	-0.08722
-0.03704	-0.04521	-0.05921	-0.04853	-0.02071	-0.02681	-0.07983	-0.08026	-0.02667	-0.06788
-0.0351	-0.03694	-0.06869	-0.01924	-0.03762	-0.0347	-0.08433	-0.07868	-0.04832	-0.08345
0.005941	0.00892	-0.05157	-0.02165	-0.04528	-0.04116	-0.03845	-0.06908	-0.06377	-0.10339
0.013356	0.026852	-0.01283	-0.00244	0.00229	0.004572	-0.0043	-0.03917	-0.04755	-0.09425
9.05E-04	0.032201	0.009303	0.035674	0.013984	0.018116	0.023147	-0.02247	-0.02684	-0.07271
0.014978	0.041795	0.030487	0.057905	-0.01537	0.021436	0.019678	-0.01031	-3.73E-04	-0.04772
-0.00298	0.051142	0.027936	0.028455	-0.00936	0.026046	-0.01328	0.016583	0.008532	-0.01424
0.007383	0.055726	-0.00141	-0.00766	0.004788	0.010018	0.009488	0.020217	-0.01899	-0.01094
0.037519	0.046434	0.021248	0.035801	0.044555	0.041505	0.039032	9.95E-04	-0.02951	-0.03979
0.056967	-0.00453	0.020891	0.057598	0.067209	0.071142	0.01601	0.010338	0.0202	-0.02906
0.031243	-0.00634	0.003392	0.022327	-0.00473	0.007312	-0.03133	0.032483	0.043249	0.001506
0.014011	0.011364	0.011257	0.015012	-0.06991	-0.0308	-0.02709	0.034328	0.025756	-0.00794
0.049263	0.017436	0.010192	0.026004	-0.06352	-0.01527	-0.00928	0.017566	-0.00722	-9.70E-05
0.061102	0.00871	0.02983	0.047865	-0.0403	-0.01406	-0.01569	-0.01434	-0.00343	-4.92E-04
0.03207	-0.00941	0.029301	0.035783	-0.0036	0.02585	-0.05332	0.003061	0.043286	0.017562
0.015844	0.0085	0.022215	-0.00244	0.010068	0.037259	-0.04483	0.05311	0.048214	0.041594
0.012925	0.012617	0.022072	0.013744	-0.00196	0.027439	0.031868	0.090126	0.034279	0.019159
0.00496	-0.00449	0.009321	0.008572	-3.45E-04	0.036346	0.035582	0.079819	0.021127	9.71E-04
0.028933	0.035301	0.044526	0.005941	0.025162	0.0474	0.002402	0.059949	-0.007	0.008116
0.015203	0.042419	0.052488	0.003613	0.027095	0.014039	-0.02904	0.041915	-0.0124	0.008959
-0.00334	-0.00209	0.003993	-0.03839	0.005095	-0.0275	-0.042	0.042976	0.01823	0.041045
0.018504	-0.01474	0.003701	-0.01263	-0.00162	0.001883	-0.02205	0.02194	-0.01648	0.034924
0.019184	-0.03714	0.023328	0.011616	0.00629	0.043152	-0.00535	0.016014	-0.03989	-0.00113
0.017198	-0.03304	0.024516	8.09E-04	0.005829	0.001529	9.81E-04	0.055761	-0.02051	-0.00833
0.024473	-0.00597	0.0234	-0.00779	0.047046	0.009589	0.026679	0.081697	2.61E-04	0.014687
0.048048	0.025192	0.032428	6.92E-05	0.087694	0.073343	0.05694	0.060044	0.004149	0.046602
0.06193	0.0367	0.071346	0.024295	0.085431	0.084456	0.078737	0.02569	-0.03283	0.033602
0.02352	0.00885	0.077513	0.041458	0.088499	0.068815	0.040158	0.046894	-0.01505	0.039837

0.036537	0.03424	0.05149	0.029551	0.071539	0.016945	0.016273	0.0728	0.038759	0.079974
0.081742	0.078041	0.036968	0.00734	0.001968	-0.02478	0.023396	0.06907	0.04896	0.10032
0.085469	0.06616	0.054627	-0.0083	-0.00638	-0.00693	0.03977	0.036072	0.011878	0.049177
0.056929	0.036626	0.090598	0.030668	0.046239	0.022372	0.055924	0.042866	-0.00486	0.03208
0.019481	0.041568	0.107851	0.076059	0.090611	0.031391	0.05742	0.085881	0.021284	0.089594
0.018016	0.075561	0.096919	0.083489	0.113067	0.014039	0.056269	0.091312	0.049072	0.114352
0.002852	0.089455	0.078818	0.069837	0.105524	0.047194	0.068204	0.05731	0.073415	0.076164
0.002448	0.048906	0.061206	0.03148	0.1168	0.083559	0.083569	0.040911	0.064735	0.037823
1.86E-04	0.038968	0.080907	0.041699	0.122573	0.097118	0.083916	0.045584	0.03381	0.07123
0.017268	0.068909	0.077574	0.066828	0.108803	0.079831	0.099265	0.081357	0.065006	0.110252
0.053684	0.083481	0.026214	0.044501	0.088457	0.053358	0.116584	0.118944	0.083988	0.103715
0.020041	0.059511	0.028063	0.013744	0.055294	0.041598	0.118151	0.07781	0.105834	0.097576
-5.49E-04	0.028811	0.020337	5.91E-04	0.028083	0.01562	0.08537	0.035172	0.060708	0.095363
-0.01744	0.025611	0.043565	0.020808	0.009121	-0.02888	0.053078	0.047782	0.009332	0.096479
-0.02441	0.023902	0.053393	0.048992	-0.0058	-0.03194	0.055273	0.097268	0.053236	0.102929
1.86E-04	0.0303	0.002054	0.047527	8.19E-04	-0.01331	0.067416	0.084448	0.092405	0.070319
0.025606	0.022272	-0.04229	0.016895	0.009586	0.006749	0.056844	-0.00742	0.038959	0.037992
0.019115	0.049406	-0.00783	0.019875	0.019625	0.01677	0.040916	-0.03939	0.013216	0.083192
0.044349	0.087854	0.030049	0.049934	0.024519	0.01062	0.062857	0.01187	0.067278	0.08016
0.031854	0.04053	0.015967	0.077482	0.019943	0.034233	0.079909	0.028958	0.067531	0.023133
0.018277	-0.00328	-0.0087	0.039264	0.018357	0.016543	0.041824	0.026606	0.041007	-0.01673
-0.00821	-0.01765	-0.03654	0.005889	-0.01589	0.002389	-0.0147	-0.00378	-0.00843	-0.0101
-0.01976	-0.0102	-0.03346	-0.00615	-0.03708	-0.00286	0.005888	-0.01695	8.29E-04	0.019051
0.007451	0.007153	-0.00541	0.011495	-0.02979	0.011239	0.03303	0.034023	0.047823	0.020925
0.012289	-0.01597	0.017934	0.005838	-0.03591	0.017783	0.041435	0.0373	0.02572	-0.0109
-0.01822	-0.04551	-0.01819	-0.01826	-0.01114	0.020978	-0.02603	0.01748	0.019624	-0.03651
-0.02239	-0.03979	-0.04969	0.009876	-0.05075	-0.02256	-0.08633	-0.0281	0.024184	9.54E-04
0.014564	0.00656	-0.01204	0.017892	-0.11172	-0.02469	-0.04742	-0.03785	0.021197	0.007836
0.012392	-0.00963	0.011572	-0.02171	-0.07766	-0.03142	-0.04233	-0.02542	0.016149	-0.0198
-0.00629	-0.05752	-0.01128	-0.07041	-0.047	-0.02284	-0.04361	-0.00987	-0.00293	-0.03164
-0.01786	-0.05342	-0.03437	-0.05563	-0.01929	-0.00683	-0.05763	-0.03848	-0.07036	-0.05725
-0.00153	-0.05586	-0.06208	-0.04143	-0.05029	-0.04086	-0.09283	-0.07097	-0.11626	-0.07483
0.013976	-0.05421	-0.05179	-0.02171	-0.0627	-0.03379	-0.08932	-0.04336	-0.08786	-0.0563
-0.01931	-0.04216	-0.04314	-0.04777	-0.04949	-0.01908	-0.08931	-0.03357	-0.0333	-0.04783
-0.08514	-0.09034	-0.08072	-0.07658	-0.02455	-0.02775	-0.08663	-0.05071	-0.05686	-0.05893
-0.09791	-0.09099	-0.06786	-0.08941	-0.03391	-0.06056	-0.06371	-0.05541	-0.09353	-0.05722
-0.10582	-0.04907	-0.02805	-0.09149	-0.05749	-0.07362	-0.06491	-0.04163	-0.08945	-0.02968
-0.07613	-0.03458	-7.77E-04	-0.06777	-0.03523	-0.05848	-0.05571	-0.04125	-0.06904	-0.02518
-0.08147	-0.05645	-0.05248	-0.077	-0.0227	-0.05964	-0.05123	-0.02793	-0.04883	-0.02615
-0.13119	-0.081	-0.08078	-0.08668	-0.03879	-0.08755	-0.07008	-0.07545	-0.11358	-0.04424
-0.15325	-0.0825	-0.0505	-0.06807	-0.03324	-0.07924	-0.07668	-0.11634	-0.14287	-0.0613
-0.12463	-0.07434	-0.04439	-0.08778	-0.03051	-0.08451	-0.06458	-0.09582	-0.0994	-0.05101
-0.07553	-0.06348	-0.08294	-0.09588	-0.05741	-0.07855	-0.07268	-0.07901	-0.10082	-0.08046
-0.08078	-0.09609	-0.1074	-0.07612	-0.05105	-0.0548	-0.06349	-0.07439	-0.09495	-0.08866
-0.07337	-0.0811	-0.09553	-0.05989	-0.06356	-0.06312	-0.05635	-0.07877	-0.05521	-0.08312
-0.03558	-0.02789	-0.05594	-0.05875	-0.0899	-0.0784	-0.06659	-0.0913	-0.039	-0.08894
0.011361	0.01706	-0.02223	-0.03667	-0.06447	-0.06501	-0.05272	-0.08858	-0.04513	-0.08869

0.05427	0.02072	0.002003	-0.00141	-0.01834	-0.02632	-0.045	-0.05685	-0.02904	-0.07976
0.106753	0.060655	0.051854	0.064717	0.028424	0.033326	-0.0251	-0.04168	-0.00341	-0.06991
0.254871	0.192744	0.130371	0.165043	0.139295	0.127507	0.08202	0.030485	0.04141	-0.0334
0.317018	0.264064	0.219315	0.250111	0.26839	0.246481	0.206782	0.153929	0.127851	0.054606
0.273286	0.279673	0.312283	0.312903	0.315644	0.314079	0.241133	0.20524	0.208437	0.163234
0.277602	0.377723	0.412605	0.353229	0.284668	0.317204	0.287746	0.280783	0.27783	0.228744
0.316741	0.396056	0.377827	0.394424	0.317461	0.333936	0.371763	0.373037	0.314835	0.254551
0.341003	0.344859	0.355055	0.452142	0.419204	0.393092	0.368918	0.313659	0.330575	0.297239
0.340088	0.322531	0.386782	0.449863	0.394854	0.4144	0.299268	0.270892	0.354686	0.361337
0.337282	0.375027	0.394572	0.339648	0.267141	0.334697	0.270106	0.312943	0.298484	0.252177
0.361101	0.396099	0.342768	0.290817	0.207705	0.248053	0.321502	0.362476	0.291446	0.197742
0.373874	0.34149	0.302739	0.352623	0.267671	0.237716	0.337618	0.334829	0.329755	0.289396
0.316187	0.297394	0.29957	0.353457	0.29392	0.258034	0.292146	0.26122	0.334376	0.359916
0.222624	0.276058	0.300317	0.290128	0.207514	0.252804	0.241515	0.230774	0.333656	0.368633
0.204884	0.278302	0.26277	0.238666	0.189234	0.233873	0.247698	0.269995	0.328865	0.271897
0.256256	0.279935	0.215102	0.245651	0.258864	0.243353	0.280231	0.224276	0.285227	0.204357
0.24322	0.224184	0.181934	0.253291	0.312137	0.315187	0.295493	0.155682	0.281322	0.279264
0.210898	0.172938	0.168446	0.260089	0.228819	0.279157	0.242191	0.185272	0.285646	0.286824
0.144195	0.18094	0.21201	0.283461	0.173095	0.201646	0.241574	0.257573	0.256847	0.153252
0.068786	0.210502	0.223143	0.258958	0.170916	0.152221	0.27991	0.255238	0.268509	0.166857
0.145174	0.240906	0.232876	0.217003	0.209312	0.191092	0.276363	0.251641	0.274241	0.272413
0.243805	0.259607	0.199858	0.238288	0.242535	0.22305	0.255393	0.216097	0.287291	0.337192
0.169957	0.20975	0.174234	0.209453	0.155264	0.159625	0.17951	0.165671	0.297557	0.305851
0.101888	0.192904	0.200236	0.153621	0.110017	0.091382	0.178036	0.201795	0.278494	0.233136
0.218321	0.262647	0.198134	0.149334	0.187881	0.154588	0.227355	0.224248	0.219158	0.226361
0.277824	0.274375	0.180616	0.223617	0.281499	0.279285	0.273539	0.185755	0.182572	0.287157
0.182264	0.225655	0.148811	0.256373	0.257673	0.237397	0.24943	0.139193	0.229019	0.296898
0.14942	0.196751	0.145132	0.238463	0.227736	0.148732	0.2385	0.238805	0.311167	0.25418
0.207733	0.206781	0.228097	0.263713	0.290748	0.229181	0.304737	0.264501	0.308614	0.249112
0.279284	0.287293	0.301441	0.230105	0.324199	0.386094	0.372795	0.251138	0.250329	0.29799
0.255924	0.29719	0.262833	0.287058	0.306605	0.341756	0.379847	0.236884	0.202469	0.29195
0.231986	0.289027	0.312248	0.380483	0.328846	0.291199	0.334987	0.24649	0.206742	0.256565
0.321409	0.359701	0.422676	0.398443	0.392684	0.30531	0.38932	0.394055	0.352728	0.320249
0.418541	0.465191	0.449741	0.384985	0.447401	0.402151	0.43106	0.410343	0.376389	0.381031
0.355685	0.437095	0.32265	0.366779	0.437412	0.369861	0.404827	0.334363	0.370949	0.43263
0.373045	0.402126	0.317985	0.350961	0.387224	0.261882	0.360802	0.349563	0.470602	0.467087
0.387442	0.366517	0.416099	0.383804	0.370649	0.337098	0.372597	0.438046	0.47238	0.415949
0.390101	0.404212	0.390492	0.356692	0.366553	0.39247	0.362234	0.385348	0.375438	0.402442
0.349439	0.388428	0.326246	0.340752	0.373268	0.379206	0.378475	0.358861	0.295379	0.400405
0.300453	0.331981	0.301134	0.362074	0.339726	0.289725	0.319915	0.33379	0.32483	0.419506
0.307587	0.318686	0.300657	0.347432	0.305616	0.241329	0.246954	0.331222	0.384801	0.371335
0.34181	0.355943	0.322114	0.281464	0.292629	0.311526	0.294695	0.367782	0.357335	0.336631
0.324961	0.303327	0.263426	0.199311	0.316551	0.352018	0.336337	0.352653	0.296863	0.282022
0.264933	0.214705	0.219005	0.235794	0.298889	0.290838	0.292807	0.294093	0.226287	0.29057
0.178568	0.108765	0.208417	0.246065	0.270301	0.208945	0.178747	0.23964	0.199819	0.283474
0.137264	0.134885	0.237237	0.209617	0.191559	0.211778	0.211773	0.22065	0.179334	0.194041
0.177033	0.237747	0.175916	0.13351	0.151019	0.232323	0.224437	0.237199	0.200744	0.149401

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

160	161	162	163	164	165	166	167	168	169
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.002852	0.001426	7.13E-04	0	0	0	0	0	0	0
0.672157	0.905737	1.134313	1.816962	0.200638	0.100319	0.050159	0	0	0
0.215191	0.266651	0.306952	0.401275	0.579079	0.692737	0.953542	1.597661	0.194254	0.097127
0.08961	0.108379	0.125987	0.16404	0.216815	0.208422	0.260359	0.388508	0.499257	0.599788
0.020037	0.039339	0.056801	0.043216	0.054779	0.050538	0.062724	0.109601	0.162352	0.213727
0.011519	-0.0103	0.003046	-0.05577	0.003081	0.041856	0.020126	0.009984	-0.02095	0.101629
7.34E-05	-0.02547	-0.04459	-0.05073	0.0163	-0.01007	0.01777	0.014323	-0.06105	0.019502
-0.01031	-0.02544	-0.06662	-0.02807	-0.01309	-0.04492	0.029082	0.047588	-0.0047	0.00219
-0.07039	-0.09967	-0.15181	-0.14952	-0.04209	-0.02649	0.03259	0.017421	0.021631	0.021615
-0.09098	-0.10024	-0.15106	-0.16495	-0.02115	1.85E-04	0.008992	-0.03147	2.39E-05	0.031673
-0.06852	-0.02882	-0.02712	-0.02938	0.022092	0.024552	0.026765	-0.03007	0.011263	0.051302
-0.09091	-0.03897	-0.0025	0.001671	-0.00935	0.002087	0.022167	0.010019	0.051951	0.056386
-0.12435	-0.08736	-0.07952	-0.0331	-0.04981	-0.03388	-0.03313	-0.04085	0.027109	-0.01252
-0.10503	-0.11309	-0.11378	-0.08684	-0.05579	-0.03165	-0.05276	-0.08278	-0.02347	-0.0487
-0.11581	-0.09959	-0.10683	-0.06244	-0.05554	-0.03057	-0.07279	-0.1102	-0.04612	-0.02257
-0.10892	-0.05894	-0.09405	-0.05401	-0.09852	-0.07503	-0.09904	-0.08863	-0.0588	-0.0333
-0.08187	-0.07601	-0.09255	-0.06461	-0.10534	-0.0714	-0.05508	-0.0373	-0.07394	-0.09712
-0.09309	-0.1059	-0.10283	-0.06849	-0.08838	-0.06104	-0.04503	-0.01834	-0.02685	-0.06785
-0.08223	-0.10362	-0.12529	-0.07882	-0.10175	-0.05423	-0.05886	-0.01199	0.020715	0.035287
-0.05273	-0.07729	-0.11384	-0.0832	-0.10379	-0.04857	-0.0675	-0.01245	0.054734	0.107822
-0.06135	-0.06298	-0.06003	-0.08253	-0.08321	-0.02487	-0.05023	-0.00539	0.032823	0.074307
-0.02458	-0.03564	-0.01381	-0.06829	-0.08339	-0.05096	-0.03263	0.045652	0.04471	0.049825

-0.01526	-0.01258	-0.01351	-0.03109	-0.04776	-0.04151	-0.03653	0.051465	0.059413	0.083314
0.002708	-0.00608	0.007216	-0.02006	-0.04534	-0.02056	-0.02009	0.044585	0.04953	0.078705
0.004711	0.026255	-0.01721	-0.08556	-0.09042	-0.02556	-0.00821	0.042552	0.024967	-0.00181
-0.07643	-0.04923	-0.04143	-0.1011	-0.11738	-0.06834	-0.02771	-0.01745	-0.0486	-0.03667
-0.11496	-0.11014	-0.08937	-0.08871	-0.09478	-0.0863	-0.02386	-0.01776	-0.05666	-0.06664
-0.10612	-0.10775	-0.10848	-0.10882	-0.10735	-0.09846	-0.03093	-0.00838	-0.06298	-0.06516
-0.08505	-0.09693	-0.10229	-0.11357	-0.13458	-0.1424	-0.04943	-0.00887	-0.0715	-0.06771
-0.0777	-0.10028	-0.11649	-0.09753	-0.09219	-0.12768	-0.06776	-0.04461	-0.05656	-0.04451
-0.08549	-0.13321	-0.12127	-0.11421	-0.0901	-0.09825	-0.05019	-0.07141	-0.1095	-0.04199
-0.06448	-0.11398	-0.08707	-0.09533	-0.11221	-0.10478	-0.05669	-0.0754	-0.11754	-0.06886
-0.06388	-0.08892	-0.08076	-0.08279	-0.08753	-0.09745	-0.06431	-0.05135	-0.09843	-0.10523
-0.09253	-0.06799	-0.11931	-0.10859	-0.05951	-0.08432	-0.05989	-0.06272	-0.105	-0.09274
-0.11977	-0.10614	-0.12766	-0.09336	-0.05704	-0.07143	-0.0519	-0.09332	-0.0964	-0.05206
-0.14716	-0.12835	-0.12304	-0.07314	-0.07204	-0.09987	-0.06939	-0.09095	-0.08989	-0.07611
-0.12679	-0.08862	-0.11159	-0.07706	-0.09558	-0.13071	-0.07156	-0.07823	-0.07079	-0.11353
-0.07784	-0.06327	-0.10573	-0.08093	-0.09514	-0.10223	-0.04064	-0.07463	-0.08442	-0.1152
-0.08902	-0.08552	-0.12098	-0.10081	-0.09197	-0.07449	-0.05375	-0.08572	-0.05798	-0.07472
-0.15236	-0.12901	-0.14315	-0.10934	-0.12157	-0.10673	-0.0814	-0.10349	-0.06539	-0.07542
-0.16212	-0.12595	-0.1361	-0.10055	-0.11878	-0.12558	-0.09063	-0.11951	-0.08248	-0.1046
-0.13589	-0.09371	-0.11856	-0.10363	-0.1086	-0.12502	-0.0702	-0.10303	-0.10503	-0.10139
-0.12553	-0.10207	-0.12448	-0.11874	-0.10285	-0.1213	-0.06118	-0.09828	-0.11989	-0.0945
-0.11848	-0.0908	-0.10965	-0.08936	-0.09507	-0.09396	-0.10395	-0.11021	-0.10044	-0.09296
-0.11632	-0.06936	-0.10201	-0.07848	-0.08361	-0.08851	-0.12027	-0.11131	-0.06071	-0.09269
-0.09094	-0.03717	-0.09001	-0.06667	-0.06255	-0.07811	-0.06529	-0.07271	-0.04891	-0.11324
-0.05426	-0.04738	-0.07767	-0.05376	-0.05299	-0.08106	-0.02634	-0.06251	-0.06661	-0.12361
-0.07535	-0.08868	-0.08439	-0.04983	-0.07219	-0.06544	-0.03942	-0.07492	-0.05434	-0.06759
-0.0814	-0.07016	-0.08336	-0.04206	-0.08513	-0.04964	-0.0511	-0.08518	-0.0755	-0.07227
-0.05889	-0.04207	-0.07672	-0.05803	-0.09172	-0.03845	-0.05452	-0.09207	-0.08198	-0.07774
-0.04053	-0.05725	-0.07403	-0.04934	-0.0677	-0.01508	-0.03886	-0.06997	-0.042	-0.07126
-0.07172	-0.08296	-0.07769	-0.04222	-0.04002	-0.01342	-0.06287	-0.05672	-0.0242	-0.06104
-0.12422	-0.05362	-0.06664	-0.03154	-0.04268	-0.02518	-0.0771	-0.06486	-0.02106	-0.0323
-0.10534	-0.0115	-0.03212	-0.02739	-0.06454	-0.02516	-0.0394	-0.05197	-0.03738	-0.05773
-0.07112	-0.02789	-0.04525	-0.02168	-0.06065	-0.03537	-0.01937	-0.06253	-0.04851	-0.07293
-0.03404	-0.04505	-0.06405	-0.01192	-0.02865	-0.04762	-0.03982	-0.07232	-0.05259	-0.08638
-0.04375	-0.02868	-0.03079	0.00504	-0.00577	-0.02649	-0.05576	-0.07497	-0.05015	-0.06573
-0.04683	-0.02803	-0.03705	-0.02304	-0.04483	-0.04136	-0.08478	-0.05777	-0.04635	-0.04008
-0.02195	-0.03263	-0.06468	-0.04582	-0.05809	-0.05525	-0.09058	-0.03443	-0.06679	-0.09489
-0.01777	-0.06133	-0.04707	-0.01833	-0.04874	-0.02008	-0.05374	-0.0367	-0.04706	-0.09426
-0.04636	-0.06602	-0.01822	-0.03276	-0.06709	-0.01056	-0.03301	-0.03257	-0.01778	-0.06782
-0.04335	-0.04065	-0.00402	-0.06178	-0.07503	-0.02706	-0.04209	-0.02518	-0.04049	-0.05888
-0.00994	-0.04402	-0.02884	-0.0518	-0.07296	-0.03481	-0.04526	-0.00841	-0.05415	-0.03929
-0.0031	-0.05364	-0.04647	-0.03626	-0.06821	-0.01992	-0.02852	-0.01504	-0.03152	-0.04916
-0.01972	-0.07582	-0.0443	-0.00919	-0.00657	0.020908	-0.01272	-0.03169	-0.03439	-0.06826
-0.01821	-0.06221	-0.04194	-0.03394	-0.01655	0.025851	-0.03762	-0.03569	-0.03813	-0.05976
-0.0282	-0.08037	-0.03338	-0.04906	-0.08031	-0.00904	-0.04835	-0.00587	-0.04041	-0.04365
-0.03008	-0.08415	-0.04632	-0.02266	-0.07086	-0.02535	-0.02979	0.001079	-0.02974	-0.04314
0.009519	-0.03693	-0.05613	-0.00346	-0.02726	-0.01637	-0.04267	-0.01695	-0.02734	-0.05447

-0.01882	-0.00663	-0.00684	0.01249	-0.01075	0.008561	-0.07308	-0.02217	-5.91E-04	-0.01867
-0.03485	-0.03558	0.016285	-0.02053	-0.04966	-0.01563	-0.0493	-0.02726	-0.00986	-0.00376
-0.00293	-0.06645	-0.0284	-0.0678	-0.06948	-0.01326	-0.03504	-0.0107	-0.04847	-0.04097
0.016264	-0.06215	-0.03274	-0.05211	-0.05889	0.008373	-0.032	-0.01408	-0.07266	-0.08367
-0.00962	-0.0844	-0.02517	-0.0495	-0.08626	-0.01766	-0.04857	-0.03276	-0.07203	-0.08947
-0.03426	-0.08019	-0.01808	-0.03695	-0.05097	-0.05115	-0.0621	-0.02306	-0.03689	-0.06461
-0.0362	-0.06251	-0.01101	-0.04399	-0.0141	-0.02642	-0.03081	-0.0056	-0.03447	-0.0228
-0.04746	-0.06244	-0.0297	-0.0978	-0.04775	-0.00719	-0.02558	0.004306	-0.03711	-0.02102
-0.04111	-0.05576	-0.01567	-0.06267	-0.0408	-0.00361	-0.03266	-0.00338	-0.02579	-0.03802
-0.02709	-0.0755	-0.00152	0.012713	-0.00755	-0.01184	-0.0516	0.004255	-0.01201	-0.02767
-0.02911	-0.08361	0.004645	-0.02306	-0.00834	-0.039	-0.06315	0.030003	0.008918	-0.02049
-0.04763	-0.0748	-0.01943	-0.06511	-0.02101	-0.02669	-0.032	-0.00801	-0.0278	0.006172
-0.03292	-0.06984	-0.03595	-0.05199	-0.02278	-0.00497	-0.01125	-0.04747	-0.09028	-0.01842
-0.04442	-0.05531	-7.52E-04	-0.0172	-0.00715	0.001412	-0.03732	-0.01596	-0.08489	-0.06299
-0.0514	-0.03873	-0.00542	-0.03451	-0.00183	-0.03569	-0.05145	0.008278	-0.0684	-0.05965
-0.01911	-0.00928	-0.02069	-0.06973	-0.00219	-0.03173	-0.03822	0.014393	-0.03874	-0.03447
-0.00828	0.016099	-0.00223	-0.03946	0.004681	1.18E-04	-0.01207	-0.0071	-0.03549	-0.04439
-0.01109	-0.00354	0.026043	-0.00184	0.015165	-0.01388	-0.00485	-0.02462	-0.06287	-0.02476
-0.04073	-0.05622	0.017464	-0.02246	0.018359	-0.00164	-0.00936	-0.00274	-0.04909	-0.00281
-0.0557	-0.03941	-0.0062	-0.04662	0.018307	-0.01694	-0.01659	0.018811	-0.02202	0.005031
-0.08253	-0.00836	-0.01593	-0.04873	0.015131	-0.0215	-0.0076	-0.00298	-0.02466	0.007873
-0.05947	-0.03322	-0.01607	-0.04987	-0.00799	-0.02386	-0.02702	-0.04139	-0.03178	-0.01419
-0.01801	-0.03827	-0.00635	-0.02255	-0.0066	-0.03848	-0.03891	-0.04348	-0.03225	0.007403
-0.04351	-0.04074	-0.01265	-0.00593	0.013661	-0.01697	0.011132	-0.00507	-0.02347	0.018432
-0.05222	-0.02875	-0.02471	-0.03776	-0.01679	-0.01467	0.044916	0.027875	-0.00292	-0.01009
-0.03853	-0.0397	-0.03698	-0.03229	-0.03329	-0.05337	0.037265	0.015213	0.001308	-0.01024
-0.02584	-0.0591	-0.02775	-0.00285	0.017558	-0.04499	0.003357	-0.03913	-0.0301	0.015644
-0.02993	-0.02238	0.015126	0.006878	0.037887	-0.02551	-0.00234	-0.0502	-0.03069	0.013772
-0.04212	0.016461	0.010913	0.019705	0.003641	-0.04924	0.030745	-0.00316	0.009075	0.025998
-0.01938	0.031406	-0.0229	0.013038	-0.02922	-0.06239	0.020725	0.019976	0.035486	0.009336
0.014694	0.05034	-0.00544	0.012165	-0.00638	-0.03733	0.0191	-0.00353	0.008047	-0.01388
-0.01068	0.031048	-4.02E-04	0.030863	0.036054	-0.00403	0.050367	-0.00682	-0.00871	0.008447
-0.02761	0.02092	0.005033	0.035206	0.045134	-5.04E-05	0.054386	-0.02524	-0.00735	0.041799
-0.03593	0.027209	-0.00907	0.039611	0.021988	0.034215	0.058554	-0.06353	-0.01289	0.01886
-0.03275	0.027298	-0.01999	0.027767	0.004747	0.04922	0.047569	-0.02799	-0.01058	-0.02938
-0.03046	0.008846	-0.0422	0.011857	-0.01757	0.016387	6.01E-05	-0.01865	-0.01599	-0.03321
-0.02214	0.016616	-0.05357	0.015272	-0.02316	-0.00164	-0.00443	-0.03169	3.83E-04	-0.01791
0.014328	0.056524	-0.01827	0.022043	-0.00457	0.017504	-0.00861	-0.04813	0.018837	-0.05188
-0.01693	0.040852	2.65E-04	0.001387	-0.01255	0.018344	0.001648	-0.01863	0.010737	-0.06305
-0.04128	-0.01305	-0.04047	-0.00124	8.81E-04	0.017015	-0.01521	-0.00241	-0.01689	-0.04963
-0.02166	-0.00206	-0.03881	0.007436	-0.01567	0.013157	-0.02334	-0.01496	-0.00294	-0.03992
-0.01296	0.019736	0.020288	0.028282	-0.0261	0.010758	-0.00768	-0.00637	0.045165	-0.01604
0.013946	0.020014	0.0438	0.034756	0.00175	0.05545	0.027008	-2.89E-04	0.040373	-0.01241
0.004065	-0.0178	0.005895	0.006945	0.010017	0.053129	0.040051	0.030691	-1.30E-04	-0.00257
-0.02971	-0.04124	-0.01743	-0.02302	0.019229	0.028012	0.008408	0.029714	-0.01503	-0.01209
-0.01379	-0.01714	-0.00135	-0.0104	-0.00567	0.021349	0.012173	0.024541	0.00591	-0.00819
0.031812	0.018173	0.022426	-0.01587	-0.02492	0.040638	0.005404	0.010503	9.31E-04	-0.0137

0.037977	-0.00598	0.029994	-0.03434	-0.00691	0.033236	0.014768	0.00252	-0.04886	-0.04278
0.008179	-0.02152	0.03326	-0.02549	-0.00243	-0.01422	0.008525	0.02331	-0.07501	-0.06794
-0.00523	-0.03246	0.025813	-0.01555	0.004912	-0.05121	-0.04089	0.016842	-0.07408	-0.05737
0.010828	-0.03508	0.017551	0.012713	0.020735	0.00827	-0.02468	0.019446	-0.03464	-4.28E-04
0.014189	-0.00573	0.037278	-0.0108	0.030724	0.062061	-0.00245	0.005398	-0.03954	0.003702
-0.02356	-0.01893	0.012078	-0.03932	0.046733	0.031373	-0.01274	0.011662	-0.06037	-0.00919
-0.02086	-0.04215	-0.00913	-0.01707	0.041936	-0.01181	-0.02446	0.010814	-0.01801	0.003582
0.018208	0.01268	0.033711	-0.01959	0.018273	-0.00785	-0.04099	-0.0041	0.01982	0.020683
0.013286	0.035534	0.047991	-0.05758	0.012314	0.012413	-0.02281	0.018987	-0.00292	0.027505
-0.02003	-2.01E-04	0.005084	-0.047	0.050132	0.033471	0.014177	0.027335	-0.01645	0.031324
-0.0427	-0.01748	-0.0147	-0.00119	0.062618	0.042041	0.045097	-5.08E-04	-0.01246	0.023053
-0.06127	-0.01009	0.006606	-0.0122	0.015453	-0.00132	0.020006	0.006116	0.009407	0.014707
-0.07826	0.010103	-0.01094	-0.06302	-0.01527	-0.04118	0.01261	0.011316	-0.00501	-0.01138
-0.02868	0.020049	-0.07203	-0.07101	-0.00625	-0.04226	0.046222	0.010572	-0.03198	-0.0193
-0.02497	0.013708	-0.04887	-0.02261	0.007698	-0.02822	0.052243	0.006664	-0.00864	0.017631
-0.06317	-0.00626	-0.0014	0.007673	-4.44E-04	-0.03748	0.02172	-0.04199	-0.05103	-0.00469
-0.04105	0.002248	-1.69E-04	-0.00853	-0.0109	-0.06351	0.010077	-0.02248	-0.03396	-0.01476
-0.01011	0.022108	-0.00384	-0.02926	0.011105	-0.05776	0.018622	0.019976	0.023467	0.003135
-0.01474	0.03651	-0.00276	0.011891	0.054094	-0.00444	0.041667	0.014253	-0.02026	0.011382
-0.04951	0.006698	-0.01172	0.059902	0.030654	-0.00747	0.063442	0.00699	-0.02319	0.022801
-0.04068	-0.03967	-0.03504	0.037721	-0.02191	-0.04763	0.03837	0.018247	0.039118	0.036159
0.011381	-0.0314	-0.03311	-0.01531	-0.02274	-0.03282	0.04797	0.01593	0.024822	0.001007
0.044753	0.035643	-0.03938	-0.0316	0.005408	-0.0229	0.037728	0.003012	-0.02377	-0.03825
-0.01427	0.032801	-0.04871	-0.00182	0.015724	-0.01376	0.028855	-0.0035	-0.0145	-0.04167
-0.06885	0.007069	0.005219	0.040085	-0.01075	-0.00928	-0.00573	-0.02686	0.024388	0.006467
-0.07294	0.014601	0.027249	0.042261	-0.04542	-0.02902	-0.03195	-0.03396	0.029847	0.010191
-0.06406	0.010018	-0.02679	0.019305	-0.02302	-0.00569	0.019322	0.005398	0.012	-0.02625
-0.02821	-0.02159	-0.07619	0.005933	0.019845	0.036894	0.067374	4.88E-04	0.017215	0.02363
-0.00854	-0.04533	-0.09367	0.006726	0.006087	0.027654	0.032397	-0.03784	0.023215	0.036456
-0.02277	-0.02613	-0.06699	0.021117	-0.0043	0.023434	-0.01296	-0.04431	0.006795	-0.02992
-0.02155	0.024704	-0.00574	0.009233	-0.0166	0.010621	2.89E-04	-0.01331	-0.01311	-0.05169
-0.00201	0.032192	0.005067	-3.11E-04	-0.00334	0.002154	0.047223	0.016579	-0.01501	-0.01614
0.041833	-0.02847	-0.02386	0.038701	0.044174	0.02473	0.040679	0.007144	0.017215	-0.0179
-0.00886	-0.06742	-0.02193	0.040889	0.012163	0.012552	-0.01242	-0.04716	0.051142	-0.00609
-0.03051	-0.03044	-0.00659	0.011857	-0.01987	-0.00732	-0.0381	-0.08284	0.031755	-0.00303
-0.02001	0.008711	-0.00486	0.015789	-3.53E-05	0.00476	0.020794	-0.02037	0.01422	-0.03827
-0.01116	-0.02478	-0.07498	0.00254	-0.01198	-0.00444	0.041775	-0.00291	0.010351	-0.02304
-9.19E-04	-0.03076	-0.07948	0.017656	-0.01723	0.015812	0.010814	-0.0092	0.022746	0.012452
-0.03614	-0.02129	-0.02028	0.039976	-0.00577	0.034724	-0.00507	0.020648	0.041106	-4.28E-04
-0.02481	0.026396	0.022918	-0.0238	-0.02541	0.021596	-0.00417	0.019781	0.009355	-0.02113
0.025893	0.043526	-0.01827	-0.02222	-0.00834	0.024961	0.013401	0.002469	-0.01912	-0.03118
0.063669	0.023229	-0.04257	0.03629	0.01486	0.030454	0.042333	0.013765	-0.01344	-0.04112
0.02851	-0.00386	-0.01475	0.046869	0.03384	0.041893	0.013468	-0.00794	0.008256	-0.02071
-0.01469	-0.00923	-0.00661	0.014773	0.023297	0.04954	-0.00342	-0.02677	0.013655	-0.01726
0.011952	0.021776	0.02218	0.003042	-0.02238	0.021455	-0.02079	-0.01348	-0.00148	-0.01994
0.04304	0.035318	0.014901	0.035098	0.019537	0.037882	-0.00813	-0.01021	-0.03004	-0.05831
0.043021	0.010052	-0.00595	0.082492	0.069277	0.080233	0.0276	-0.0051	0.010316	-0.02797

0.016316	0.011432	-8.54E-05	0.068053	0.018205	0.066617	-0.01448	0.008915	0.05551	0.024803
-0.0046	0.006917	-0.00447	0.025786	-0.03658	0.003269	-0.03177	0.020754	0.023684	-6.50E-04
0.013026	-0.0067	-0.02122	0.026139	-0.02082	-0.00605	0.007144	0.034438	-3.18E-04	-0.04712
0.044977	0.025867	-0.00238	0.046054	-0.00704	-0.00127	0.021789	0.007058	0.015423	-0.05346
0.024734	0.002682	-0.00605	0.033604	-0.02946	0.002002	-0.0112	-0.04376	0.028074	0.010996
-0.01874	-0.02072	-0.01435	-0.00136	-0.05889	0.01112	-0.02531	-0.04662	0.001582	0.028689
-0.01727	0.00503	-0.00789	0.009165	-0.03207	-0.02169	-0.03049	-0.00665	-0.01308	-0.05697
0.023257	0.027865	-0.02688	0.027661	-0.00204	0.004811	0.01709	0.002282	0.001154	-0.06941
0.05512	0.0344	-0.03712	0.034467	0.027682	0.058493	0.061499	-0.00927	0.034338	-0.01502
0.006877	-0.00752	-0.02171	0.02598	0.025527	0.052637	0.030079	-0.02078	0.021182	0.012136
-0.04466	0.010308	-0.00763	0.024306	-0.00997	0.025673	-0.00553	-0.02242	-0.00375	0.013631
-0.01578	0.067703	-0.01042	0.007893	-0.05429	-0.00378	0.028908	0.019464	0.007507	-0.01619
0.010121	0.070079	-0.0142	0.011242	-0.01497	0.003117	0.057937	0.023132	0.008674	-0.02493
0.008248	0.032336	-0.02344	-0.00893	0.029988	0.040915	0.049579	0.014689	0.024641	-0.04669
-0.0073	-0.00447	-0.01567	-0.00632	0.007998	0.052049	0.008442	0.010831	0.04953	-0.04668
-0.01759	0.012047	-0.01292	0.009131	-0.02624	0.013832	-0.02135	0.010554	0.031094	-0.02856
0.013182	0.053243	-0.01417	-0.00684	-0.03404	-0.01272	0.013452	0.027335	-0.02318	-0.04301
0.047655	0.035516	-0.02989	0.031614	-0.00431	-0.01138	0.015631	-0.00717	-0.02875	-0.08107
-9.49E-05	-0.00331	-0.03515	0.072236	0.025319	0.008373	-0.01199	-0.01959	0.00501	-0.08699
-0.03052	-0.00686	-0.03277	0.038156	0.024246	0.019712	-0.01653	-0.00861	0.033635	-0.03582
0.004966	-6.50E-04	-0.0151	0.013638	-0.02215	0.011792	0.008275	0.00957	0.026	-0.04466
0.044361	0.011945	-0.0255	0.016117	-0.03335	0.009761	0.01261	5.55E-04	0.016309	-0.08275
0.050406	-0.00872	-0.06658	0.021921	0.001586	0.00983	-0.01648	-0.03081	-0.00844	-0.0821
0.008076	-0.02514	-0.03132	0.023673	1.61E-04	0.012569	-0.02414	-0.01978	-0.01435	-0.04016
-0.00541	0.005922	1.15E-04	0.018557	-0.04658	0.014335	-0.00932	-0.01854	-0.00563	-0.00444
0.011658	0.030656	0.001067	-0.01038	-0.04597	0.027278	-0.02587	-0.00791	-0.01031	-0.02317
0.021574	0.030317	-0.01044	-0.02643	-0.01203	0.035361	-0.02677	-0.01156	4.52E-04	-0.04246
0.030113	-0.00415	-0.01771	0.006929	0.015148	0.046596	-0.00328	0.002995	-0.05471	-0.06791
-0.0083	-0.03888	-0.01133	0.002306	-0.00972	0.02735	-0.02837	0.019923	-0.05486	-0.04303
-0.04858	-0.0612	-0.01811	-0.02957	-0.07754	-0.0199	-0.02571	0.025005	-0.0143	0.009824
-0.03831	-0.03939	-0.04905	-0.02571	-0.08298	-0.02872	0.001074	0.013974	-0.04333	-0.02877
8.32E-04	-0.00693	-0.05295	-0.00766	-0.03514	-0.03231	-0.01846	0.010918	-0.04212	-0.03877
-0.00407	-0.01303	-0.02811	0.005107	-0.01347	0.005677	-0.00582	0.026115	-0.02481	-0.00281
-0.01281	-0.01311	0.016042	-0.02765	-0.01118	0.010294	0.001517	0.026438	-0.00708	0.033698
0.028384	-0.02361	-4.19E-04	-0.04895	-0.0207	0.006887	-1.85E-04	0.0109	-0.03787	0.012681
0.005443	-0.059	-0.03632	-0.02373	-0.01817	0.020626	0.008092	0.017562	-0.0404	-0.02098
-0.01131	-0.05355	-0.01344	-0.01242	-0.02868	-0.00206	-0.01149	0.017896	-0.0558	-0.00779
0.023773	0.009916	0.031894	0.006574	-0.00515	-0.03989	-0.04702	0.015738	-0.03876	0.018361
0.030022	0.039193	0.027125	-0.0217	-0.0051	-0.06897	-0.05862	-0.01781	-0.00816	0.014689
0.038602	-0.00471	-0.01599	-0.04659	-0.03292	-0.02508	-0.0202	-0.04241	-0.02512	-0.00416
0.032029	-0.01652	-0.01057	-0.0383	-0.02221	0.034215	-2.34E-04	-0.00489	-0.03047	0.012716
-0.02102	-0.00166	0.026699	-0.0111	-0.0075	0.035525	0.006978	0.011247	-0.0126	0.032408
-0.02313	0.00424	0.041774	0.02531	0.019195	0.008801	0.027983	0.021179	0.006691	0.01161
0.01574	0.007999	0.003668	9.70E-04	0.01255	-0.03123	0.019784	-0.02448	-0.02881	-0.02696
0.005307	0.006495	0.030656	-0.00252	0.003888	-0.03028	0.018281	-0.041	-0.04324	0.001213
-0.02676	-0.00514	0.058803	0.018662	0.036623	0.020222	0.036021	0.036508	0.011666	0.049768
-0.01528	-0.00123	0.04038	0.04408	0.04403	-0.01409	0.015056	0.044006	0.02016	0.075747

0.049368	0.031173	-0.01231	0.041474	0.015622	-0.02849	-0.00588	-0.03207	-0.01226	0.019556
0.050652	0.019353	-0.02936	-0.02798	0.015893	-0.01303	0.018742	-0.0459	-0.02518	-0.02622
-0.03668	0.004727	-0.02831	-0.04353	0.021147	-0.02123	0.020228	-0.00657	-0.01686	0.008255
-0.08279	0.02774	-0.00885	0.011055	0.054779	-0.00127	0.033243	0.004988	-0.00209	0.028926
-0.05414	0.02599	0.003651	0.042408	0.0187	0.0031	0.060277	0.011073	0.001205	0.04227
-0.01487	0.011125	-0.07879	-0.0166	-0.01244	0.013867	0.062762	0.029714	0.028859	0.015963
-7.00E-04	0.009356	-0.08388	-0.04375	0.038547	0.047363	0.059996	0.00405	-0.00284	-0.01767
-0.0142	0.012423	-0.03547	-0.00139	0.04508	0.032801	0.060146	-5.26E-05	-0.02108	-0.01885
-0.02725	0.012355	-0.02512	0.042188	0.002209	0.014023	0.060597	0.033198	0.01766	0.018183
0.005119	-0.01049	-0.04508	0.028158	-0.02686	0.024321	0.057751	0.017386	0.04659	0.021453
0.018032	-0.00221	-0.06483	4.66E-06	-0.02689	0.024428	0.0264	0.009708	0.053012	-0.03059
-0.01454	0.003569	-0.02853	0.030703	-3.78E-04	7.39E-04	-0.00234	-0.03001	0.024913	-0.04685
0.006518	0.026891	0.014936	0.03106	-0.01409	-0.00454	-0.00522	-0.03516	0.029225	-0.01867
0.051694	0.063085	0.038188	0.032509	0.009281	0.042967	0.013081	-0.00133	0.02864	-0.03072
0.02308	0.024809	0.025299	0.05235	0.040642	0.059416	0.016869	0.038255	0.02466	-0.0131
-0.00573	-0.00845	-0.01252	0.043473	0.015876	0.036821	-0.00564	0.040954	0.04088	0.009458
0.029067	0.019892	-0.0013	0.053534	0.003625	0.006188	0.001042	0.016509	0.046704	-0.00518
0.052339	0.029373	0.011993	0.043399	0.011474	0.040251	0.010228	0.015545	0.042668	-0.01158
0.073565	0.04428	0.016493	-0.01933	0.007981	0.055775	0.035559	0.05419	0.047389	-0.01021
0.067152	0.03316	0.018578	-0.01761	0.009732	0.041413	0.023441	0.074003	0.025674	0.027578
0.023595	-0.01719	0.031535	0.049601	0.029847	0.046409	0.02614	0.036306	0.02289	0.067631
0.030997	-0.00392	0.03706	0.081166	0.009783	0.041339	0.008092	0.046779	0.03345	0.039119
0.066701	0.0414	0.055188	0.061125	0.008631	0.053224	0.00736	0.081776	0.043896	0.029675
0.027702	-0.00967	0.049466	0.017812	0.022694	0.054631	0.045496	0.085274	0.023756	0.04461
0.023844	-0.01793	0.040051	0.038774	0.042477	0.023364	0.023924	0.072166	0.050566	0.061254
0.059982	0.011962	0.062853	0.054494	0.039209	-0.00401	-0.02843	0.049702	0.07638	0.068111
0.068156	0.04993	0.070872	0.039593	0.028886	0.034415	0.009827	0.065031	0.007073	0.051187
0.027576	0.058878	0.047172	0.036145	0.058466	0.089355	0.073833	0.066405	-0.01666	0.071459
0.004796	0.01911	0.056687	0.067548	0.081782	0.051766	0.056316	0.034987	-0.0044	0.052053
0.02509	0.028911	0.082397	0.048651	0.040463	0.022868	0.055201	0.052378	0.055083	0.041743
0.07975	0.076771	0.077582	0.020855	0.038637	0.041708	0.05574	0.067409	0.026509	5.11E-04
0.082245	0.093389	0.057753	0.056517	0.108179	0.082704	0.081314	0.056011	-0.03343	0.02455
-0.01234	0.050788	0.051997	0.093325	0.111695	0.086109	0.09983	0.045915	-0.01817	0.07973
-0.02069	0.026325	0.035699	0.065493	0.03869	0.036729	0.065584	0.015406	0.004906	0.061411
0.041759	0.059964	0.051809	0.050908	0.03928	0.03589	0.067431	0.02712	0.041049	0.047857
0.072311	0.086134	0.036334	0.05891	0.115474	0.092044	0.105751	0.06458	0.062955	0.064689
0.088494	0.096636	0.009035	0.078887	0.140059	0.11396	0.11769	0.037445	0.066487	0.098405
0.062404	0.090472	0.034523	0.089384	0.057495	0.070134	0.121672	0.044211	0.115979	0.120638
0.031757	0.07501	0.070224	0.084993	0.032781	0.048187	0.108931	0.085582	0.117254	0.090089
0.064391	0.075148	0.064011	0.08635	0.092307	0.060573	0.094131	0.032052	0.075444	0.035287
0.113445	0.092647	0.026717	0.093263	0.127275	0.096403	0.136651	0.050971	0.067904	0.069271
0.08056	0.100578	0.03308	0.073949	0.127779	0.143838	0.130143	0.081145	0.079962	0.121089
0.062365	0.091005	0.063393	0.061815	0.091237	0.132918	0.085532	0.070296	0.084112	0.101931
0.07241	0.10388	0.063663	0.070492	0.078323	0.058878	0.080527	0.076874	0.078075	0.040954
0.063689	0.099406	0.035337	0.073298	0.085189	0.05101	0.09136	0.077337	0.073982	0.04681
0.075584	0.077665	0.02764	0.113109	0.102223	0.09613	0.074492	0.034457	0.100905	0.115284
0.044772	0.039011	0.040545	0.11027	0.093278	0.091816	0.042837	0.049607	0.129102	0.139527

0.022051	0.070373	0.069655	0.060035	0.058878	0.052807	0.052077	0.082408	0.109156	0.086095
0.051807	0.098071	0.076168	0.074126	0.046988	0.062953	0.07556	0.078023	0.052394	0.006501
0.104147	0.092997	0.079161	0.120158	0.051013	0.090511	0.086787	0.067922	0.052221	0.015379
0.070545	0.02916	0.067272	0.106534	0.051142	0.081771	0.055405	0.071887	0.101726	0.081395
0.029932	0.030959	0.077363	0.091268	0.036445	0.056921	0.04374	0.085171	0.107752	0.099584
0.061065	0.070822	0.059453	0.065222	-0.0052	0.0379	0.056502	0.092146	0.022926	0.050535
0.057227	0.010274	0.036279	0.074027	-0.01254	0.052731	0.029309	0.048851	-0.01066	4.99E-05
0.049236	-0.01867	0.050589	0.076321	0.04479	0.089231	0.031078	0.022492	0.046818	0.036344
0.052909	0.043618	0.073235	0.030721	0.059159	0.08368	0.059621	0.071628	0.082497	0.087471
0.063708	0.065089	0.08798	0.018731	0.02577	0.024854	0.040123	0.074904	0.050566	0.080592
0.039375	0.048143	0.063895	0.015255	0.016963	0.039662	0.029782	0.071031	-0.02348	0.026107
0.019069	0.004324	0.032451	0.02501	0.048082	0.081588	0.029467	0.064717	-0.01221	0.030004
0.044585	0.038049	0.042123	0.028708	0.048886	0.035871	-0.00614	0.084617	0.029536	0.054601
-0.00383	0.056619	0.065406	0.008605	0.049417	-0.01096	0.019732	0.093902	0.051874	0.079094
0.024645	0.047012	0.018909	-0.03262	0.028536	0.005524	0.053147	0.070813	0.056327	0.055298
0.047073	-0.01858	-0.00286	-0.04781	0.012449	0.012016	0.029974	0.043595	-0.02141	8.02E-04
0.003471	-0.05788	0.038772	-0.01876	0.035415	0.007569	0.001107	0.050061	-0.03289	0.008743
-0.00433	-0.01461	0.043652	0.025892	0.053983	-0.01996	0.001238	0.065619	0.00444	-0.00676
0.008556	0.014206	0.019886	0.010424	0.04093	-0.01726	0.021342	0.094279	0.053824	0.030389
0.015932	-0.00128	0.007165	-0.03397	0.014607	-0.00491	0.018111	0.020029	0.026782	0.029072
0.007511	-0.01379	0.021408	-0.03208	-0.01284	0.00239	-1.85E-04	-0.0343	-0.03192	0.018023
-0.04657	-0.01988	0.018125	-0.04992	-0.03023	-0.02311	-0.00819	-0.00353	-0.03085	0.045557
-0.08577	-0.02327	0.015679	-0.02742	0.01508	-0.04875	-0.01497	0.019552	-0.03685	0.020736
-0.07484	-0.01987	-0.04296	-0.05161	0.016708	-0.02974	-0.02292	-0.00184	-0.04331	0.025454
-0.0339	-0.0461	-0.06784	-0.10656	0.010569	0.002846	-0.02596	-0.03823	-0.05086	-0.02155
-0.00631	-0.02294	8.50E-04	-0.0572	0.033257	1.51E-04	-0.0145	-0.01971	-0.04694	-0.00926
-0.02927	0.001263	-0.0115	-0.02315	0.015334	-0.02365	0.027617	0.016088	-0.01258	0.00341
-0.07345	-0.00934	-0.02975	-0.0339	-0.00954	-0.03093	0.016394	0.024184	0.015972	-0.02248
-0.07213	-0.02372	-0.04358	-0.04231	-0.02058	-0.02565	0.004974	0.002401	0.016895	-0.02395
-0.04483	-0.02456	-0.06039	-0.04724	-0.01494	-0.02309	-0.00116	-0.02342	0.004682	-0.03169
-0.05639	-0.01268	-0.02333	-0.01948	0.030215	-0.03051	0.011216	-0.02005	-0.00408	-0.0224
-0.05448	-0.0165	0.021548	0.028104	0.039495	-0.03021	0.047004	0.001587	0.01973	0.006311
-0.0334	-0.00601	-0.02462	0.003143	-0.03388	-0.03167	0.061424	-0.00415	0.020715	-0.0184
-0.01846	-0.0046	-0.04772	-0.03559	-0.05051	-0.04191	0.00339	-0.0431	-0.00306	-0.0313
-0.0136	0.026467	-0.01899	-0.01355	0.003147	-0.02136	-0.05577	-0.08433	-0.02272	-0.0285
-0.02477	0.029142	-0.02671	0.001187	0.001996	-0.03051	-0.01226	-0.0609	-0.02363	-0.02511
-0.01801	0.005585	-0.05582	-0.0109	-0.04261	-0.03668	0.006431	-0.05249	-0.00518	-0.01986
0.015461	-0.0327	-0.07427	-0.02529	-0.05708	-0.01852	0.001156	-0.04807	0.001119	-0.06401
-0.02313	-0.02893	-0.06563	-0.02375	-0.03775	-0.00718	-0.01147	-0.05683	-0.02881	-0.05207
-0.04086	-0.00101	-0.05295	0.011926	0.0044	-0.02514	-0.01816	-0.05476	-0.02738	-0.05502
-0.01774	0.020345	-0.0125	0.036489	0.011273	-0.00509	0.026487	-0.01428	0.001531	-0.02397
0.022707	0.012115	-4.86E-04	0.011738	-0.01782	0.003709	0.028035	0.010952	0.006708	-0.03219
-0.00568	-0.03293	-0.06631	-0.01213	-0.02221	-0.00369	-0.00486	-0.00642	-0.00309	-0.06508
-0.0287	-0.0327	-0.08307	-0.01163	-0.02701	-0.00818	-9.36E-04	-0.03207	-0.00834	-0.02751
0.025358	0.029711	-0.01993	0.036833	3.08E-04	0.0042	0.024633	-0.02339	0.016114	-0.02121
0.037041	0.063316	0.060564	0.065222	-0.00412	0.046895	0.055146	0.014166	0.018141	-0.0538
0.022991	0.009203	0.035156	0.028158	-0.0155	0.037772	0.012795	0.026456	0.005529	-0.05646

0.012471	-7.82E-04	0.009376	0.02561	-0.01515	0.037314	-0.03842	-0.01353	-0.00308	-0.02119
0.005	-0.02319	-0.00564	0.04774	-0.01562	0.031175	-0.01412	-0.03444	0.026128	0.00453
0.008745	-0.0388	-0.01644	0.033964	-0.03102	0.014075	0.047533	-0.01087	0.048134	-0.01875
0.019949	-0.02983	0.019135	0.020715	-0.02019	0.036875	0.081236	0.035408	0.009232	-0.05822
0.041093	-0.03534	-0.00293	0.030114	0.018222	0.051388	0.03296	0.041919	-0.02303	-0.05301
0.033954	-0.01641	-0.02339	0.013433	0.034636	0.06338	-0.0286	0.010589	0.010807	-0.00242
0.021432	0.023281	0.02276	0.020576	0.031901	0.068205	0.007959	0.009984	0.011649	-0.0176
0.002284	0.013433	0.028566	0.003528	0.005077	0.05857	0.063915	0.024916	-0.02155	-0.07201
0.011744	-0.04195	-0.04167	-0.0656	-0.02871	0.045159	0.027182	0.040379	-0.03092	-0.05686
0.032047	-0.05544	-0.06873	-0.04782	-0.00572	0.020838	-0.03976	0.009311	-0.02023	-0.04411
0.041833	0.00168	-0.00357	0.013999	0.033858	0.013971	-0.05023	-4.24E-04	-0.00209	-0.00732
0.061027	0.055144	0.041701	0.020314	0.009883	0.024641	-0.02251	0.038734	0.023738	0.021059
0.030762	0.002716	0.03409	-0.01465	-0.03301	0.031157	9.60E-04	0.064385	0.039455	-0.00951
0.015112	-0.03368	0.003146	-0.0607	-0.04311	0.020662	0.00971	0.053445	-0.00511	-0.0157
0.033481	-0.01395	-0.02656	-0.03614	0.006485	8.74E-04	0.002715	0.010364	-0.04135	-0.00225
0.040945	0.018711	0.036116	0.050983	0.017473	-0.00164	-0.02846	0.008209	-0.00109	0.024658
0.051637	0.057339	0.083144	0.04162	0.015267	0.035161	-0.01347	0.042514	0.020913	0.029182
0.05122	0.026608	0.056877	0.006726	0.049838	0.077476	0.031763	0.05805	-0.00866	0.020862
0.054146	0.01781	0.04855	0.005259	0.058822	0.081305	0.063991	0.050156	-0.02775	0.028288
0.059152	0.020554	0.043191	0.021536	0.048338	0.031085	-0.00191	0.008502	0.02253	0.04259
0.070466	-0.00657	0.037733	0.065822	0.025753	-0.01228	-0.0405	0.026097	0.06061	0.032647
0.08359	0.033429	0.070538	0.070218	0.055689	0.045476	0.018776	0.067705	0.02289	0.024333
0.073824	0.061589	0.051396	0.02501	0.062694	0.059359	0.028262	0.05137	-0.00212	0.052187
0.037371	-0.00727	0.020358	2.54E-04	0.043831	0.01352	0.006713	0.00342	-0.01997	0.065899
0.071318	0.020554	0.043744	0.03081	0.06177	0.023771	-0.01043	-0.03199	-0.05045	0.040448
0.09429	0.079457	0.066727	0.066694	0.06243	0.056443	0.019271	-0.00167	-0.04608	0.023179
0.055063	0.057339	0.0632	0.006996	0.058373	0.073919	0.048811	0.043073	-0.01689	0.033052
0.023293	0.034868	0.054828	0.003964	0.065574	0.084169	0.070227	0.055243	-0.02799	0.038037
0.007219	0.003502	0.0526	0.01491	0.037602	0.046353	0.081807	0.039676	-0.02825	0.034936
0.025554	-0.00254	0.056193	0.012319	0.020375	0.001598	0.025429	0.026348	-0.01402	0.056094
0.02941	0.026803	0.045464	0.00676	0.008947	0.029716	0.021754	0.053751	-0.01799	0.049959
-0.00691	0.016426	0.028317	0.006169	0.046497	0.082318	0.077372	0.088014	-0.00521	0.022477
-0.03296	-0.02034	0.010383	0.050104	0.065821	0.053111	0.078721	0.063876	-0.00331	0.026215
-0.02369	-0.02136	0.014435	0.03276	0.031514	-0.0131	0.025671	0.016211	-0.00309	0.032022
-0.01077	-0.01079	0.02048	-0.01157	-0.01956	-0.01755	0.030517	0.044978	0.005408	0.027141
0.007836	-8.49E-04	0.002626	-0.03334	0.011323	0.048187	0.058629	0.083593	4.86E-04	0.039512
0.010897	0.029534	-5.19E-04	-0.04129	0.038994	0.069878	0.06384	0.0578	-0.01835	0.063501
-0.06552	-0.0196	0.021566	-0.00725	0.046442	0.008476	0.054016	0.005022	-0.00732	0.044477
-0.05828	-0.01692	0.050121	0.031042	0.056284	-0.02025	0.018673	0.00615	0.047046	0.050842
0.024217	0.017567	0.040234	0.017708	0.052357	-0.01051	0.008192	0.039251	0.038371	0.045595
0.007288	0.035607	0.01736	-0.04688	0.051344	0.024517	0.041685	0.061109	-0.00903	0.011066
-0.0421	0.005585	-0.0534	-0.07245	0.035752	0.039515	0.065698	0.026276	-0.01779	0.04086
-0.07185	-0.01912	-0.0346	-0.0164	0.038565	-6.21E-04	0.047733	0.001012	0.016256	0.067731
-0.05687	-0.01331	0.01153	0.004384	0.013796	-0.07914	0.012526	0.027875	0.056619	0.050113
-0.03107	-0.01143	0.009052	-4.94E-04	0.026395	-0.0503	0.0315	-0.01067	0.005927	0.006744
-0.02385	0.012184	-0.03138	-0.00784	0.03264	-0.00602	0.048445	-0.03273	-0.02705	0.007195
-0.03709	-0.0272	-0.05384	-0.02027	0.023021	0.022921	0.035843	-0.01878	0.001788	0.038373

-0.06997	-0.04426	-0.04132	-0.02786	-0.04639	0.014838	-0.01104	-0.00766	-0.01897	1.69E-04
-0.08875	-0.04951	-0.03575	-0.02807	-0.05858	-0.02764	-0.01647	-0.0182	-0.01692	-0.03504
-0.06265	-0.04979	-0.06899	-0.04805	-0.05128	-0.08108	-0.01299	-0.0326	-0.02607	-0.04229
-0.04653	-0.05014	-0.13054	-0.08434	-0.06058	-0.08831	-0.01946	-0.04162	-0.0348	-0.05007
-0.09005	-0.08211	-0.13956	-0.09265	-0.085	-0.06293	-0.04697	-0.05285	-0.02057	-0.03706
-0.11148	-0.08223	-0.10707	-0.08308	-0.09503	-0.06777	-0.07247	-0.05712	-0.03007	-0.06709
-0.1034	-0.07333	-0.08884	-0.06708	-0.09844	-0.09748	-0.07124	-0.06667	-0.05944	-0.08928
-0.08372	-0.09064	-0.09898	-0.07257	-0.10388	-0.11086	-0.0706	-0.0896	-0.05487	-0.08764
-0.11173	-0.11642	-0.09211	-0.04191	-0.08653	-0.09053	-0.09135	-0.09266	-0.04398	-0.08527
-0.12574	-0.10126	-0.0953	-0.05171	-0.08524	-0.0693	-0.09895	-0.09163	-0.06258	-0.09088
-0.09053	-0.06608	-0.10313	-0.07813	-0.10924	-0.08158	-0.06005	-0.09225	-0.0885	-0.11254
-0.06438	-0.07773	-0.10713	-0.06908	-0.09747	-0.07783	-0.05616	-0.10949	-0.09237	-0.11912
-0.10583	-0.12564	-0.1424	-0.07624	-0.0774	-0.05568	-0.08198	-0.08948	-0.06721	-0.10604
-0.13021	-0.12219	-0.12774	-0.10606	-0.10648	-0.07536	-0.1145	-0.09794	-0.04464	-0.07724
-0.1198	-0.08792	-0.10908	-0.11656	-0.10187	-0.08219	-0.14785	-0.13306	-0.07565	-0.06249
-0.12526	-0.09123	-0.1143	-0.09545	-0.08109	-0.07441	-0.13354	-0.10747	-0.11883	-0.08822
-0.11803	-0.12274	-0.11419	-0.06262	-0.08573	-0.06165	-0.07921	-0.07513	-0.08608	-0.10683
-0.12364	-0.12591	-0.10218	-0.07128	-0.11299	-0.0716	-0.09148	-0.07941	-0.05862	-0.09696
-0.08723	-0.09007	-0.07115	-0.07283	-0.12231	-0.09162	-0.087	-0.07834	-0.09858	-0.09285
-0.04938	-0.05556	-0.06928	-0.04928	-0.10838	-0.0969	-0.07568	-0.08271	-0.13903	-0.10259
-0.06464	-0.05418	-0.08818	-0.04456	-0.09698	-0.0922	-0.09471	-0.09491	-0.11473	-0.12989
-0.08304	-0.0893	-0.11634	-0.07555	-0.0907	-0.06331	-0.10127	-0.09775	-0.07963	-0.11658
-0.07511	-0.08751	-0.10974	-0.09054	-0.07771	-0.06945	-0.10842	-0.09468	-0.08441	-0.08062
-0.04027	-0.05395	-0.07557	-0.0692	-0.08853	-0.08168	-0.09747	-0.07633	-0.10351	-0.08924
-0.01247	-0.04605	-0.07092	-0.06138	-0.1341	-0.08614	-0.06343	-0.05289	-0.11952	-0.13309
-0.02497	-0.06095	-0.06215	-0.0366	-0.11607	-0.07526	-0.05427	-0.05553	-0.10771	-0.12977
-0.03179	-0.05054	-0.05347	-0.02993	-0.08731	-0.05168	-0.0565	-0.04886	-0.0574	-0.0946
-0.0169	-0.04305	-0.03481	-0.04089	-0.09463	-0.04676	-0.05908	-0.0375	-0.04114	-0.06203
-0.00495	-0.05152	-0.04116	-0.04676	-0.08184	-0.02887	-0.07861	-0.04833	-0.08605	-0.08594
0.01069	-0.06625	-0.04433	-0.04603	-0.02649	0.001547	-0.07076	-0.06149	-0.09621	-0.10175
0.036327	-0.0272	0.009001	0.013021	0.01129	0.001463	-0.05129	-0.04377	-0.08605	-0.08179
0.061201	0.014034	0.048289	0.011891	-0.01872	-0.02419	-0.04331	-0.0211	-0.04122	-0.05365
0.057073	0.030068	0.050214	-0.03436	-0.05036	-0.01341	-0.03404	-0.01354	-0.03505	-0.05304
0.04494	0.0223	0.04693	-0.00872	-0.01575	0.039717	-0.02834	-0.02545	-0.08251	-0.07121
0.03991	-0.03067	0.053373	0.069612	0.065441	0.064216	-0.04349	-0.01753	-0.06999	-0.06629
0.022406	-0.02387	0.04367	0.062064	0.071198	0.058205	-0.03032	-0.00363	-0.01529	-0.0223
0.019773	-0.01487	0.019938	0.012815	0.036125	0.029608	-0.02614	0.019393	0.0276	0.032445
0.043542	-0.01941	0.027569	0.021379	0.01981	0.049973	-0.00615	0.035078	0.01332	0.036363
0.033863	-0.02627	0.028905	0.05145	0.009966	0.061442	0.028558	0.046046	0.002149	0.028033
2.25E-04	0.001914	0.049896	0.047777	0.023125	0.056004	0.013367	0.066818	0.042668	0.037776
-0.00129	0.029961	0.084906	0.06216	0.052007	0.031626	0.012391	0.072006	0.088763	0.057008
-0.00515	-0.00667	0.051678	0.039921	0.02716	-0.00308	0.03409	0.084781	0.072747	0.073477
0.024271	0.013313	0.016805	4.37E-04	0.02454	-0.00264	0.029152	0.055377	0.026255	0.076541
0.037096	0.039849	0.060372	0.002055	0.065004	0.00583	-0.00591	0.060953	0.023864	0.062632
0.017699	0.03843	0.088737	0.005629	0.074251	0.015377	0.011048	0.086405	0.010894	0.040879
0.038124	0.056922	0.052958	0.024552	0.071506	0.010122	0.057191	0.093923	0.019838	0.055434
0.065114	0.061742	0.027961	0.032742	0.042837	-0.00983	0.071361	0.071926	0.007994	0.041687

0.03107	0.016461	0.040398	0.030025	0.051731	0.033236	0.080016	0.034292	-0.01961	0.014795
-0.00481	0.017152	0.062737	0.047852	0.08271	0.039111	0.053018	0.054057	0.023215	0.05292
-0.00521	0.05236	0.087653	0.075984	0.076643	0.002222	0.047478	0.075366	0.06118	0.073214
0.014973	0.084435	0.07095	0.065667	0.041523	-0.00966	0.048573	0.057395	0.051951	0.063758
0.067172	0.075385	0.036806	0.030721	0.054909	-0.00132	0.051654	0.013661	0.017553	0.046012
0.049462	0.037251	0.04969	0.03952	0.090612	0.024108	0.058947	-0.0067	-0.0204	0.045026
-0.01203	0.049892	0.098549	0.070453	0.097329	0.047213	0.061198	0.050137	-0.00199	0.063304
0.002267	0.067257	0.068364	0.076579	0.072587	0.049954	0.104752	0.128558	0.077217	0.091436
0.044977	0.086966	0.036443	0.059997	0.049783	0.067067	0.13482	0.134682	0.123955	0.085014
0.05715	0.099845	0.045186	0.050964	0.100448	0.083131	0.123253	0.068119	0.085005	0.04357
0.035504	0.098259	0.080766	0.08633	0.155587	0.095021	0.119665	0.060177	0.035041	0.059469
0.041889	0.103711	0.128762	0.099157	0.140217	0.07987	0.127264	0.113068	0.056171	0.119737
0.083182	0.112063	0.052995	0.072315	0.105733	0.05368	0.125428	0.145304	0.112266	0.116756
0.085246	0.117977	0.02709	0.043988	0.080089	0.061036	0.124143	0.116851	0.116627	0.083335
0.07874	0.135738	0.059376	0.008452	0.051197	0.045495	0.112451	0.092188	0.098111	0.085783
0.058747	0.138244	0.092623	0.031292	0.063185	0.026796	0.087706	0.10457	0.100108	0.104161
0.035358	0.119878	0.098256	0.071549	0.048466	0.070647	0.127089	0.126792	0.095207	0.074448
0.052624	0.043306	0.025529	0.09014	0.048502	0.107634	0.143054	0.089836	0.09338	0.03627
-0.00412	-0.02613	-0.00452	0.04239	0.067861	0.075913	0.084478	0.017386	0.083076	0.055201
-0.025	0.03943	0.03848	0.055986	0.056637	0.045551	0.075074	0.013069	0.048478	0.036047
0.013546	0.09471	0.042583	0.091329	0.043126	-0.00836	0.096634	0.050933	0.00904	0.018753
0.011537	0.03476	0.01447	0.090099	0.012213	-0.02712	0.061142	0.049059	0.014167	0.016725
0.026108	0.01491	0.010024	0.065977	0.041505	0.030202	0.036625	0.047042	0.052452	0.00135
0.025197	0.053543	0.002945	0.048	0.051289	0.054022	0.051654	0.005894	0.007994	-0.00332
0.029247	0.071077	0.024345	0.055362	0.008831	0.029375	0.050643	-0.021	-0.00634	0.017578
-0.00663	0.044261	0.04297	0.054928	-0.01906	-0.02118	-0.01368	-0.02302	0.016238	0.014248
-0.00663	-0.00799	0.026628	0.00316	-0.03759	-0.04424	-0.0218	-0.0065	0.04199	-0.01101
-0.00457	-0.01194	2.32E-04	-0.01505	-0.00488	-0.01903	-0.02045	-0.00196	0.019999	-0.00286
0.013859	-0.02087	-0.03132	0.028548	0.024177	0.008151	-0.05535	-0.03485	-0.01243	-0.0077
0.031576	0.00604	-0.01889	0.030382	-0.00388	0.015342	-0.00831	-0.01828	0.008012	-0.04488
0.002454	-0.0244	0.017221	-0.0115	-0.02045	0.026832	0.053627	0.009191	0.042498	-0.0323
-0.04653	-0.08661	0.004156	-0.04135	0.001815	0.024232	0.012055	2.01E-04	0.018623	-0.01991
-0.07239	-0.09118	-0.05472	-0.04137	-0.00425	-0.00269	-0.0515	-0.02304	-0.05036	-0.04553
-0.0598	-0.08707	-0.07613	-0.04048	-0.03016	-0.01125	-0.065	-0.04128	-0.03143	-0.03486
-0.05799	-0.06759	-0.0345	-0.04411	-0.0515	-0.00154	-0.04203	-0.04466	-0.00411	-0.04358
-0.08082	-0.03771	-0.02859	-0.06423	-0.04262	0.016893	-0.02324	-0.0313	-0.02722	-0.05898
-0.07052	-0.0388	-0.03361	-0.06441	-0.01647	-0.00201	-0.05151	-0.01899	-0.054	-0.06582
-0.06385	-0.06979	-0.04368	-0.09563	-0.0237	-0.05511	-0.06989	-0.03427	-0.07084	-0.05766
-0.07033	-0.08437	-0.05375	-0.07819	-0.05061	-0.05226	-0.0671	-0.03977	-0.09491	-0.03932
-0.07377	-0.06265	-0.07043	-0.06953	-0.04556	-0.04261	-0.04681	-0.00892	-0.09977	-0.08941
-0.10876	-0.06501	-0.09123	-0.09048	-0.03922	-0.03515	-0.03698	0.004698	-0.07676	-0.07331
-0.11819	-0.09316	-0.0692	-0.06937	-0.04549	-0.05514	-0.0628	-0.03699	-0.06613	-0.05354
-0.13098	-0.08605	-0.06121	-0.04826	-0.03141	-0.06238	-0.07956	-0.05383	-0.08893	-0.06141
-0.10521	-0.05762	-0.06216	-0.07134	-0.012	-0.04552	-0.06432	-0.05477	-0.10946	-0.08202
-0.06542	-0.05152	-0.07269	-0.08536	-0.02496	-0.06922	-0.07572	-0.05701	-0.08521	-0.06508
-0.0512	-0.06409	-0.08577	-0.06852	-0.0476	-0.08344	-0.07132	-0.0982	-0.06087	-0.03545
-0.085	-0.06131	-0.10913	-0.05803	-0.06969	-0.11083	-0.07502	-0.10837	-0.05822	-0.06706

-0.09364	-0.05521	-0.088	-0.08692	-0.07786	-0.12845	-0.07796	-0.09251	-0.0974	-0.10323
-0.05722	-0.06645	-0.07017	-0.08398	-0.05464	-0.09954	-0.0921	-0.09193	-0.08204	-0.07646
-0.03781	-0.07234	-0.07831	-0.07121	-0.08157	-0.08472	-0.11044	-0.11653	-0.05889	-0.07279
-0.00326	-0.02845	-0.06479	-0.05159	-0.08092	-0.08187	-0.09609	-0.12435	-0.07266	-0.08835
0.068136	0.052604	-0.00931	0.025627	-0.02793	-0.06796	-0.03644	-0.10088	-0.07383	-0.09017
0.181962	0.122801	0.088144	0.104879	0.035114	0.001362	-0.00391	-0.07537	-0.05635	-0.07335
0.287597	0.22151	0.217642	0.174005	0.108284	0.101165	-0.00394	-0.00804	2.12E-04	-0.04445
0.320752	0.345615	0.302912	0.229663	0.153069	0.153506	0.083329	0.063388	0.07459	-5.47E-04
0.329506	0.338527	0.26417	0.288963	0.258793	0.235537	0.248009	0.170198	0.144586	0.086012
0.320682	0.270507	0.247687	0.326798	0.376292	0.346077	0.350221	0.276091	0.238839	0.224186
0.312932	0.288182	0.340087	0.378066	0.409861	0.399176	0.350734	0.338237	0.314404	0.3145
0.317908	0.379661	0.411349	0.418106	0.397849	0.396114	0.325331	0.386367	0.369074	0.30523
0.353029	0.387865	0.337793	0.399227	0.403069	0.370632	0.387254	0.426853	0.400236	0.299101
0.370569	0.287408	0.219657	0.362385	0.37505	0.385382	0.40636	0.360454	0.406598	0.383205
0.304706	0.194183	0.221904	0.354601	0.35457	0.415121	0.357565	0.307302	0.410495	0.415266
0.230286	0.234974	0.292873	0.340022	0.337992	0.360042	0.309019	0.337025	0.393205	0.327878
0.259081	0.318763	0.29284	0.303838	0.31444	0.26264	0.304022	0.321785	0.33914	0.205318
0.315709	0.290804	0.249609	0.272395	0.349388	0.306079	0.352239	0.31949	0.338245	0.226596
0.244711	0.23409	0.255279	0.30916	0.344627	0.34141	0.352128	0.321502	0.360639	0.324333
0.185714	0.228569	0.274595	0.317026	0.24952	0.251955	0.298984	0.274945	0.339775	0.3365
0.242469	0.303254	0.309974	0.313486	0.244411	0.174717	0.273316	0.261427	0.261835	0.285414
0.329542	0.320671	0.207353	0.241217	0.329254	0.223604	0.294068	0.305116	0.278098	0.302583
0.273594	0.256813	0.130313	0.215557	0.314002	0.31334	0.321615	0.281059	0.250885	0.32948
0.232696	0.26822	0.240893	0.290324	0.231437	0.216002	0.304779	0.212912	0.22499	0.326464
0.190569	0.294227	0.258686	0.228338	0.158638	0.126986	0.288223	0.287947	0.312434	0.318464
0.22826	0.289313	0.207838	0.154774	0.1706	0.150742	0.305835	0.364849	0.327685	0.288821
0.30183	0.3058	0.190808	0.251749	0.301454	0.282512	0.333001	0.346628	0.241156	0.324513
0.232667	0.294914	0.231238	0.332126	0.321784	0.287007	0.285093	0.226343	0.261148	0.353465
0.127935	0.225402	0.239442	0.307536	0.288718	0.231027	0.281111	0.237833	0.30866	0.314641
0.1924	0.254896	0.239674	0.2764	0.322642	0.308497	0.342136	0.34431	0.292272	0.303716
0.268005	0.320324	0.256844	0.244154	0.360865	0.362511	0.357752	0.369408	0.318122	0.319888
0.223053	0.324654	0.237333	0.274862	0.373194	0.359504	0.369107	0.323168	0.313558	0.362459
0.217713	0.274867	0.327634	0.381735	0.345713	0.255054	0.301038	0.341485	0.394771	0.386436
0.328214	0.333841	0.412038	0.420596	0.376954	0.297169	0.313065	0.410611	0.423579	0.391327
0.429284	0.444551	0.395425	0.382297	0.424771	0.423942	0.402422	0.423977	0.366324	0.373091
0.413954	0.431429	0.32049	0.378145	0.400225	0.414859	0.453795	0.419121	0.312504	0.394576
0.321952	0.415219	0.378147	0.434393	0.385565	0.392121	0.406235	0.408791	0.360326	0.451232
0.421129	0.476706	0.449035	0.41615	0.406973	0.418804	0.329044	0.437258	0.453121	0.458434
0.494351	0.512351	0.474645	0.345478	0.375943	0.435547	0.388772	0.446265	0.463682	0.458729
0.43438	0.441142	0.403547	0.338243	0.3935	0.422785	0.451941	0.420852	0.391222	0.428848
0.279897	0.333734	0.331841	0.362883	0.367823	0.317923	0.326854	0.375054	0.334721	0.403175
0.306953	0.31336	0.345229	0.355619	0.329777	0.293887	0.289526	0.357138	0.366721	0.349667
0.362582	0.362668	0.339759	0.327788	0.268965	0.294979	0.30274	0.352478	0.331629	0.303716
0.30685	0.321158	0.286953	0.220061	0.263474	0.312719	0.357268	0.335378	0.268509	0.205729
0.174402	0.200519	0.226827	0.192571	0.293382	0.250607	0.264515	0.264643	0.173576	0.212583
0.164604	0.197601	0.225619	0.250829	0.214398	0.168165	0.143622	0.202135	0.146378	0.158463
0.193555	0.173451	0.205823	0.194388	0.108976	0.154296	0.150199	0.201867	0.161682	0.153111

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

170	171	172	173	174	175	176	177	178	179
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.048564	0.024282	0.012141	0.00607	0.003035	0.001518	0.207677	1.711159	0.206919	0.103459
0.789737	0.703737	0.606825	0.604895	0.59665	0.472646	0.478601	0.413837	0.453428	0.531009
0.237241	0.217409	0.190868	0.213348	0.208433	0.148766	0.182468	0.181168	0.219292	0.23867
0.086956	0.055964	0.044448	0.046852	0.096208	0.090046	0.077417	0.085193	0.097581	0.127736
-0.0123	-0.03303	-0.01974	-0.0597	0.038765	0.069607	0.036627	0.010167	-0.02842	0.056798
-0.02747	-0.05072	-0.03777	-0.07251	0.008296	0.023916	-0.01006	0.007358	-0.02284	0.040002
-0.0125	-0.03918	-0.04189	-0.04169	-0.00876	-0.02682	-0.05848	-0.01102	-0.04442	0.013427
0.012651	0.004315	-0.03734	-0.01822	-0.04901	-0.05068	-0.03727	-0.05684	-0.07732	-0.01646
0.051709	0.027633	0.005508	0.013206	-0.04969	-0.03499	-0.0361	-0.09315	-0.04538	-0.02171
0.060828	0.037221	0.041008	0.041244	-0.03905	-0.03587	-0.02733	-0.06092	-0.06762	-0.04331
0.018501	-0.01138	-0.00301	-0.02077	-0.07438	-0.02562	-0.00659	-0.06799	-0.06323	-0.05937
-0.03208	-0.09678	-0.0356	-0.04814	-0.07532	-0.02053	-0.03623	-0.08701	-0.0741	-0.12828
-0.01492	-0.07447	-0.07739	-0.03579	-0.0928	-0.05334	-0.07655	-0.07457	-0.07368	-0.13491
-0.01803	-0.03249	-0.08248	-0.04577	-0.091	-0.03853	-0.0761	-0.10632	-0.0815	-0.11468
-0.03855	-0.03629	-0.07784	-0.06013	-0.09355	-0.07445	-0.11129	-0.11415	-0.06744	-0.0838
-0.0477	-0.08187	-0.07841	-0.06868	-0.09318	-0.10267	-0.10648	-0.08702	-0.07189	-0.09876
0.011998	-0.07135	-0.02568	-0.05657	-0.05558	-0.07072	-0.09547	-0.05359	-0.06622	-0.10446
0.079188	0.008841	-0.0356	-0.04854	-0.05832	-0.06794	-0.09482	-0.03331	-0.04491	-0.08167
0.071799	0.04716	-0.00762	-0.02086	-0.0645	-0.09363	-0.09052	-0.06113	-0.04519	-0.06648
0.082162	0.043279	0.047221	7.98E-04	-0.05287	-0.04491	-0.07154	-0.071	-0.02946	-0.04999

0.080177	-0.00208	0.025846	-0.01501	-0.04075	-0.01238	-0.0439	-0.03078	-0.01885	-0.03158
0.065132	-0.01735	-0.01268	-0.01187	-0.00174	0.011532	-0.03407	0.045312	0.005053	0.017768
0.028826	-0.01436	-0.02691	-0.00281	0.014158	0.021556	-0.05763	0.032904	0.013026	0.080053
0.015238	-0.00405	-0.04597	-0.05683	-0.01588	-0.00877	-0.05475	0.045677	0.049081	0.062196
-0.05628	-0.03197	-0.03067	-0.08008	-0.04138	-0.05331	-0.06745	0.028224	0.047743	0.034853
-0.09758	-0.06812	-0.045	-0.10284	-0.08304	-0.12246	-0.03785	0.034813	0.029759	0.053944
-0.09828	-0.06683	-0.04584	-0.08906	-0.09059	-0.09284	-0.04511	0.013743	0.03898	0.046926
-0.06455	-0.06286	-0.02209	-0.07257	-0.07973	-0.09583	-0.10073	0.009494	0.008348	0.018135
-0.06741	-0.09261	-0.05847	-0.0902	-0.0672	-0.1016	-0.13994	-0.03371	-0.06429	-0.03446
-0.08577	-0.08308	-0.09903	-0.10482	-0.0678	-0.08722	-0.11931	-0.10257	-0.09548	-0.05123
-0.11492	-0.09322	-0.09907	-0.09984	-0.07954	-0.09356	-0.09661	-0.14013	-0.13127	-0.07783
-0.10614	-0.10518	-0.07688	-0.09609	-0.08426	-0.11408	-0.10427	-0.1237	-0.11618	-0.1127
-0.06245	-0.08439	-0.07293	-0.10685	-0.07941	-0.1081	-0.10377	-0.09744	-0.10076	-0.09837
-0.06209	-0.0581	-0.09171	-0.09202	-0.0784	-0.10245	-0.08868	-0.10274	-0.0988	-0.05126
-0.11135	-0.06267	-0.07796	-0.07318	-0.0872	-0.10285	-0.08793	-0.11358	-0.10771	-0.06985
-0.11108	-0.044	-0.06038	-0.06062	-0.10329	-0.13204	-0.10753	-0.11604	-0.09005	-0.10434
-0.10342	-0.0527	-0.09296	-0.10626	-0.11002	-0.13098	-0.08197	-0.12276	-0.07568	-0.10073
-0.1154	-0.08298	-0.10971	-0.14242	-0.10029	-0.12213	-0.05659	-0.1025	-0.08165	-0.06785
-0.08774	-0.10119	-0.1198	-0.11641	-0.11941	-0.10822	-0.097	-0.10925	-0.09866	-0.06635
-0.09371	-0.08598	-0.10961	-0.08772	-0.13388	-0.09819	-0.12114	-0.10566	-0.08585	-0.08717
-0.10982	-0.08685	-0.09473	-0.08574	-0.11443	-0.11552	-0.102	-0.11487	-0.07695	-0.08662
-0.09566	-0.07558	-0.08192	-0.07784	-0.10093	-0.11287	-0.07866	-0.12766	-0.1038	-0.09561
-0.06754	-0.06988	-0.08152	-0.06145	-0.06156	-0.06069	-0.06563	-0.11446	-0.09228	-0.09937
-0.08673	-0.08378	-0.07104	-0.06614	-0.07689	-0.06241	-0.08375	-0.08757	-0.05883	-0.08203
-0.08579	-0.07094	-0.07317	-0.07201	-0.10536	-0.09289	-0.08846	-0.09143	-0.06555	-0.11083
-0.03101	-0.01701	-0.05083	-0.04195	-0.09247	-0.09182	-0.07154	-0.09836	-0.0871	-0.11484
-0.02689	-0.02925	-0.04362	-0.02346	-0.06251	-0.08917	-0.07553	-0.10276	-0.06164	-0.0996
-0.04894	-0.06091	-0.04263	-0.03623	-0.06976	-0.06204	-0.09093	-0.10246	-0.03253	-0.06109
-0.04384	-0.05927	-0.06051	-0.05337	-0.10316	-0.04284	-0.06355	-0.08196	-0.06209	-0.06455
-0.01618	-0.02023	-0.07073	-0.03995	-0.09581	-0.04668	-0.02648	-0.06195	-0.07618	-0.09056
0.016893	-0.03053	-0.05349	-0.02024	-0.06037	-0.05388	-0.05383	-0.08004	-0.04394	-0.04508
-0.0163	-0.05188	-0.06108	-0.03698	-0.06708	-0.03219	-0.07556	-0.08094	-0.0097	-0.01204
-0.03184	-0.03875	-0.06044	-0.04907	-0.08311	-0.02938	-0.06448	-0.05169	-0.01559	-0.04034
-0.0321	-0.02155	-0.0573	-0.04833	-0.06671	-0.04923	-0.06609	-0.05169	-0.06549	-0.07361
-0.02113	-0.03252	-0.06035	-0.02946	-0.04337	-0.03717	-0.04073	-0.04613	-0.05202	-0.06209
-0.02343	-0.06177	-0.05285	-0.03262	-0.06162	-0.03134	-0.03377	-0.05478	-0.0073	-0.0628
-0.044	-0.0891	-0.04955	-0.04686	-0.08909	-0.03826	-0.07998	-0.06707	-0.01062	-0.08419
-0.01058	-0.0635	-0.03392	-0.02333	-0.07535	-0.06769	-0.08318	-0.06047	-0.03851	-0.07306
-0.02445	-0.03216	-0.03523	-0.01093	-0.05835	-0.10691	-0.0485	-0.05377	-0.06164	-0.06886
-0.03456	-0.07058	-0.04238	0.012351	-0.01847	-0.05379	-0.04867	-0.05773	-0.02452	-0.06545
-0.0017	-0.07627	-0.04155	-0.02269	-0.04359	-0.01347	-0.06398	-0.04237	-0.01036	-0.08934
0.010274	-0.05804	-0.04024	-0.05484	-0.07509	-0.03826	-0.05684	-0.03363	-0.02282	-0.06753
-2.59E-04	-0.03367	-0.04883	-0.03045	-0.06774	-0.0206	-0.04681	-0.05428	-0.06789	-0.03662
-0.00629	-0.03297	-0.03281	-0.04755	-0.07541	-0.00129	-0.04043	-0.06623	-0.06075	-0.04827
-0.01638	-0.05421	-0.02949	-0.04746	-0.06499	-0.02705	-0.06722	-0.0376	-0.01696	-0.02342
-0.03902	-0.04953	-0.02152	-0.07731	-0.05163	-0.04997	-0.08285	-0.04995	-0.03299	-0.01819
-0.01954	-0.01826	-0.01819	-0.10027	-0.0725	-0.05196	-0.06019	-0.03628	-0.05194	-0.04942

0.014226	-0.03144	-0.03782	-0.05276	-0.06086	-0.04543	-0.06757	-0.03126	-0.04681	-0.07673
0.019056	-0.04084	-0.0349	-0.03132	-0.02235	-0.02231	-0.06686	-0.0316	-0.06039	-0.09367
-0.02903	-0.05648	-0.03331	-0.04129	-3.76E-04	-0.01615	-0.07362	-0.02371	-0.03642	-0.04735
-0.03409	-0.06568	-0.04091	-0.07183	0.006604	-0.03185	-0.06963	-0.02913	-0.04656	-8.82E-04
-0.00939	-0.04196	-0.04802	-0.09216	-0.01712	-0.00907	-0.04976	-0.03118	-0.08298	-0.02987
-0.0097	-0.08473	-0.0521	-0.07903	-0.02951	0.005339	-0.04807	-0.05146	-0.08448	-0.04513
-0.01882	-0.09752	-0.05128	-0.05624	-0.0183	-0.01789	-0.06373	-0.03295	-0.03588	-0.00951
-0.03717	-0.09822	-0.04631	-0.06936	-0.0231	-0.04507	-0.09036	-0.01687	0.006706	0.016618
-0.04762	-0.10601	-0.02132	-0.0632	-0.03502	-0.04672	-0.08212	-0.03065	-0.02268	0.005043
0.00488	-0.04103	-0.00666	-0.0117	-0.01374	-0.02485	-0.05616	-0.02665	-0.03249	-0.00153
0.014457	-0.01749	0.016887	0.023124	0.015258	-0.00276	-0.05136	-0.01285	-0.03011	-0.01241
-0.00748	-0.02915	-0.04027	-0.00196	0.014548	-0.03226	-0.05252	0.013029	-0.02442	-0.03267
-0.04004	-0.06699	-0.10346	-0.05508	-0.01807	-0.06382	-0.05754	0.010787	-0.03844	-0.0269
-0.05055	-0.05206	-0.0586	-0.07153	-0.0324	-0.03894	-0.04952	-0.03636	-0.08071	-0.03294
-0.03674	-0.04083	-0.0148	-0.04993	-0.017	-0.01197	-0.05794	-0.05976	-0.08405	-0.05084
-0.05855	-0.03799	9.57E-04	-0.04966	-0.02627	-0.01786	-0.07689	-0.03679	-0.06222	-0.03637
-0.06592	-0.01145	-0.02043	-0.07826	-0.03375	-0.03865	-0.05133	-0.01833	-0.03033	-0.02116
-0.03806	0.029005	-0.02996	-0.06281	-0.02904	-0.0506	-0.02976	-0.03714	-0.00126	-0.01111
-0.02914	7.54E-05	-0.01061	-0.03612	-0.01475	-0.0422	-0.03096	-0.07103	-0.02365	-0.01722
-0.02096	-0.025	0.001092	-0.03171	0.011772	-0.04505	-0.04795	-0.06569	-0.03351	0.006587
-0.03591	-0.01356	0.009279	-0.02457	0.022495	-0.0346	-0.04001	-0.02565	-0.03696	0.007626
-0.02618	-0.00622	0.008419	-0.03932	-0.00762	-0.05868	-0.05442	-0.03202	-0.02721	-0.0284
0.005905	0.006903	-0.01767	-0.07474	-0.02514	-0.06453	-0.03946	-0.07284	-0.04142	-0.04657
0.001286	0.009664	-0.01176	-0.0594	-0.00277	-0.04352	-0.02178	-0.08433	-0.06877	-0.04523
-0.04523	0.010559	0.009572	-0.01926	0.023019	-0.04254	-0.02835	-0.03633	-0.02134	0.010397
-0.03551	0.026101	0.004315	-6.71E-05	0.013821	-0.03444	-0.00721	0.021641	0.014082	0.036417
0.007874	0.015222	-0.02982	-0.00521	-0.02766	-0.0489	0.003429	0.00801	0.011241	0.003858
-0.01656	0.007967	-0.03934	-0.04274	-0.04346	-0.04978	-0.00315	-0.05834	-0.02915	-0.03379
-0.03668	0.022601	-0.03673	-0.05	-0.01465	-0.02728	-0.02577	-0.09529	-0.03716	-0.02445
-0.03512	0.018287	-0.01558	-0.01395	0.009399	-0.02394	-0.02875	-0.06029	-0.01659	0.002104
-0.0163	0.01077	-0.00533	0.027063	-0.0098	-0.03888	-0.00887	-0.02119	-0.02185	-0.00175
0.020691	0.024139	-0.02541	-0.01991	-0.01957	-0.01565	-0.01353	-0.04707	-0.01899	-0.02706
0.019523	0.017233	-0.03988	-0.05824	-0.02951	-2.65E-04	-0.0199	-0.07279	-0.01624	-0.02748
-0.01188	0.003225	-0.05708	-0.01318	-0.0212	-0.04507	-0.03345	-0.05867	-0.01227	-0.05014
-0.02914	0.001364	-0.04829	0.031838	-0.00972	-0.0425	-0.03135	-0.04752	-0.00134	-0.03923
-0.01133	-0.01775	-0.03447	0.02552	-0.03128	0.006799	-0.00782	-0.06718	0.005897	-0.01684
0.024322	-0.01519	-0.02293	0.009726	-0.05412	0.011835	-0.00733	-0.0788	-0.01771	-0.02616
0.012669	-0.00594	-0.02935	0.012671	-0.03184	0.0118	-1.65E-04	-0.06866	-0.01008	-0.00937
0.009905	-0.0253	-0.0452	-0.00842	-0.03166	-1.26E-04	0.002683	-0.0585	0.011063	-0.03356
0.02676	0.003173	-0.01805	-0.06459	-0.09047	-0.01645	-0.018	-0.03944	4.26E-04	-0.06546
0.0135	-0.01877	-0.00566	-0.08655	-0.07601	8.19E-05	-0.00792	-0.00645	-0.0163	-0.0734
0.006932	-0.02698	-0.00693	-0.05252	-0.03634	-0.00162	-0.03055	-0.0069	-0.04181	-0.0826
0.026085	0.026921	0.028177	-0.01497	-0.05801	-0.019	-0.0469	-0.00965	-0.01727	-0.05308
0.026504	0.022583	0.03054	0.003667	-0.05542	0.005725	-0.01227	-0.00236	0.022059	-0.02439
-0.00206	-0.03144	-8.47E-04	-0.03839	-0.02472	0.033877	0.002027	0.011285	0.011455	-0.00617
0.009309	-0.05706	-0.03166	-0.03704	-0.00908	0.006077	-0.0299	-0.00423	-0.05124	-0.00577
0.033637	-0.02093	0.008127	0.017344	-0.00457	-0.02035	-0.0532	-0.02706	-0.05228	-0.01399

0.024957	-0.01327	0.025399	0.01392	-0.01474	0.002554	-0.02801	0.003013	0.009411	-0.00441
-0.00469	-0.03265	0.004042	-0.02785	0.013343	0.031818	-0.04157	-0.01793	-0.02895	-0.0108
-0.03401	-0.05076	4.67E-04	-0.01022	0.050417	0.051414	-0.01768	-0.02849	-0.06528	-0.02147
-0.01173	-0.03219	0.027064	0.019039	0.023038	0.005093	0.007554	-0.0176	-0.03062	-0.00627
0.052425	-0.00781	0.029222	-0.00265	-0.01975	-0.02152	-0.01865	-0.00783	-0.02566	0.026013
0.068674	0.00288	0.016362	-0.022	-9.75E-04	0.006429	-0.01561	0.028889	-0.03623	0.017489
0.017161	0.029134	0.016537	-0.01923	-0.00374	0.004584	-0.02094	0.014835	-0.05696	-8.32E-04
-0.02879	-0.01716	0.002175	0.005992	1.85E-05	-0.01273	-0.01365	-0.03828	-0.07381	-0.0109
-0.02506	-0.03702	0.008196	-0.00914	0.015809	-0.02384	-0.00846	-0.04026	-0.05075	-0.02132
-0.02523	-0.00705	0.003974	-0.08286	0.005091	-0.03346	-0.01401	0.007992	-0.01944	0.004771
-0.02728	0.003899	-0.02116	-0.0766	0.010962	-0.02299	0.003482	0.024434	-0.0234	0.034254
-0.03855	-7.89E-05	-0.0378	-0.02666	0.029048	0.019047	0.036627	0.008345	-0.01082	0.041474
-0.04702	-0.01954	-0.04756	0.001249	0.014796	0.021812	0.025694	-0.01602	0.01942	0.060364
-0.02145	0.019344	-0.01092	-0.01389	-0.04597	-0.04334	-0.00523	-0.00958	0.029276	0.036307
-0.02408	0.02672	0.038404	0.007749	-0.00186	-0.01957	0.008165	0.003536	0.006865	0.007865
-0.05271	0.003398	0.010003	0.021431	0.04746	0.037949	0.023697	0.016001	-0.00928	-0.01783
-0.06276	-0.02637	-0.04224	0.006712	0.026069	0.036587	0.028849	-7.71E-04	3.74E-04	-0.00841
-0.07216	-0.01322	-0.03922	0.017038	-0.02981	-0.02088	0.00901	-0.01982	-0.00479	-0.01409
-0.03305	0.03825	-0.03412	-0.01794	-0.05199	-0.06804	-0.00958	-0.01455	0.004194	-0.03051
0.006183	0.012566	-0.05705	-0.03986	-0.02384	-0.04981	-0.02469	-0.0366	-0.00734	-0.01067
0.041134	-0.00707	-0.05499	-0.00103	0.005213	-0.00756	-0.01153	-0.03959	-0.01233	0.038443
0.017607	0.002	-0.04594	0.006958	-0.0151	0.008814	0.016145	-0.02771	-0.00288	0.006894
-0.02201	0.038362	-0.02884	0.00426	-0.04211	-0.03585	0.007357	-0.04951	0.018152	-0.03467
-0.01198	0.061856	-0.0214	-0.00531	-0.02709	-0.04719	0.009353	-0.04792	0.028034	-0.03368
0.025175	0.037595	0.001329	0.017668	3.62E-04	7.94E-04	0.025807	-0.02681	-0.00607	0.011376
0.033748	-0.01255	0.012026	0.044202	-0.01421	0.02568	-0.0321	-0.0412	-0.03028	0.053337
0.010801	-0.01648	-0.01186	0.00946	-0.06972	-0.00809	-0.05142	-0.02341	0.02466	0.036471
0.040174	0.015826	-0.04993	-0.00695	-0.05728	-0.01381	0.018715	0.021278	0.049839	-0.02652
0.064932	0.03767	-0.06099	0.004644	-0.0045	0.017418	0.027626	-0.03081	0.029944	-0.03157
0.030479	0.01012	-0.01178	0.023909	0.023671	0.04927	0.027344	-0.03043	0.04722	0.010534
-0.00432	-0.03123	0.00703	0.047276	0.035198	0.052039	0.001796	-0.01944	0.056824	0.031328
-0.01499	-0.02547	-0.01408	0.030927	0.00744	0.022287	-0.03	-0.02162	0.045039	0.001414
0.003408	-0.00332	-0.05198	-0.01368	-0.0315	0.008725	0.004461	-0.00685	0.012186	-0.05011
0.033452	4.70E-04	-0.04753	0.023872	-0.00736	0.00497	0.01279	-0.03728	-0.00117	-0.06087
0.035346	-0.02001	-0.03583	0.027597	0.003584	0.025404	-0.03807	-0.07062	-0.00193	-0.03415
-0.0013	-0.03621	-0.0307	-0.02142	-0.01893	0.041543	-0.03166	-0.03244	0.036538	0.013133
0.006392	-0.00343	-0.03364	-0.02786	-0.0673	-0.00446	0.007734	0.015032	0.036255	-0.03529
0.025903	0.016681	-0.02717	-0.01088	-0.05287	-0.01165	-0.02086	-0.01727	-0.01086	-0.06709
0.022529	-0.0164	-0.02453	0.024677	0.013361	0.028895	-0.04701	-0.06342	0.008915	-0.02833
0.024195	-0.0417	-0.01759	0.020596	0.019991	0.024338	-0.04234	-0.05067	0.037805	-0.00544
0.009274	-0.01985	0.010642	-0.00596	-0.02859	-0.00213	-0.01838	-0.02587	0.013026	-0.00579
0.004932	0.017108	0.031227	-0.00817	-0.0736	-6.99E-04	0.013608	0.001464	-0.02425	-0.01685
0.022475	0.025773	0.008454	0.006642	-0.03308	0.026546	0.020154	-0.00308	-0.01079	-0.03266
0.02096	-0.0129	-0.01863	0.01544	0.018664	0.036568	0.006389	-0.0373	0.017826	-0.01186
-0.00435	-0.01706	-6.45E-04	0.016804	-7.18E-04	0.014232	-0.02038	-0.02067	0.008472	-5.14E-04
-0.01577	-0.01793	-0.01379	-0.01165	-0.03532	0.001212	-0.04126	0.003449	-0.03478	-0.01285
0.004602	-0.01526	-0.02808	-0.00337	-0.0185	0.0203	-0.03307	0.004742	-0.05087	-0.04966

0.017661	-0.01198	-0.00508	0.041853	-0.01609	0.023879	-0.00955	-0.02221	-0.0231	-0.04191
0.006618	-0.0429	-0.01276	0.033105	-0.01949	0.015112	-0.02647	-0.04922	0.005404	-0.01014
-0.0236	-0.0487	-0.01137	-0.01263	-0.04075	-0.00926	-0.05937	-0.02567	0.009553	-0.01431
0.004377	-0.01532	0.014703	-0.00589	-0.02711	-0.03222	-0.05593	-7.89E-05	-0.02586	-0.05421
0.043024	-0.00256	-0.01017	0.008648	0.029011	-7.16E-04	-0.04334	-0.00476	-0.02602	-0.07759
0.056978	-0.01532	-0.00724	0.005362	-0.02486	-0.0129	-0.04286	-0.03503	0.031266	-0.02622
0.019882	-0.03785	0.001802	-0.00831	-0.10182	-0.03025	-0.07118	-0.0455	0.036652	0.018851
0.001562	-0.04979	-0.01557	-0.01531	-0.05947	-0.00518	-0.05047	-0.02146	0.014728	-0.00631
0.034008	-0.00293	-0.03053	-0.02202	-0.03305	0.021247	0.007554	0.016846	-0.02882	-0.03196
0.052135	-0.00366	-0.04185	1.92E-04	-0.02574	0.029062	0.015194	4.06E-04	-0.02261	0.001212
0.020349	-0.0682	-0.02618	0.015386	0.009592	5.33E-04	-0.02799	-0.01393	0.042143	0.025444
-0.01995	-0.0658	-0.00678	-0.01382	0.007004	-0.0298	-0.04628	-0.00635	0.051575	-3.64E-04
0.001424	-0.01033	-0.00426	-0.02846	-0.0103	-0.02876	-0.03332	-0.00363	0.031994	-0.02412
-0.00197	0.021861	-0.00169	7.64E-04	-0.01485	2.03E-04	-0.0476	-0.02946	-0.03873	-0.05946
-0.03726	-0.00917	-0.0114	0.039422	0.00172	0.036096	-0.01355	-0.0493	-0.04567	-0.05627
-0.00649	-0.0639	-0.06693	0.019419	-7.53E-04	0.030308	-0.00238	0.001708	0.005246	-0.04467
0.001596	-0.04937	-0.06971	-0.00976	-0.04314	-0.05836	-0.06143	0.003292	0.029796	-0.0184
0.008066	-0.0057	-0.01748	-0.02625	-0.05961	-0.06831	-0.04342	0.004532	0.007518	-0.01501
0.002061	-0.04238	-0.0225	-0.00993	-0.05389	0.003673	-0.01149	-0.01758	-0.05152	-0.06017
0.004585	-0.0618	-0.03444	1.40E-04	-0.03383	0.025422	-0.01278	-0.02431	-0.05317	-0.06543
0.002665	-0.05411	-0.05039	-0.00829	-0.0042	0.009186	-0.05026	-3.56E-04	-0.00671	-0.02457
-0.01711	-0.02669	-0.02178	-0.01594	0.004294	-8.20E-04	-0.06312	-0.00703	0.014943	0.02353
0.01868	0.033316	0.035797	0.010611	0.019345	0.010162	-0.05703	-0.00754	-0.04998	-0.05458
0.046046	0.00157	0.026204	0.042386	0.018414	0.021867	-0.03582	-5.11E-04	-0.06503	-0.07712
-0.00248	-0.04766	0.001042	0.022978	0.009434	0.024999	-0.04633	-0.00717	-0.02129	-0.01354
-0.03436	-0.0382	0.019771	-0.01576	-0.01318	-0.01028	-0.07121	0.005128	-0.01716	-0.01596
-0.01887	-0.01869	0.022886	-0.03138	-0.04509	-0.02444	-0.05573	-0.00645	-0.05877	-0.01412
0.004031	-0.02914	0.010193	-0.05709	-0.04537	-0.01622	-0.06584	-0.01823	-0.06094	-0.02158
-0.00828	-0.042	0.02581	-0.03425	0.01306	-0.02769	-0.13127	-0.04631	-0.02993	-0.02494
-0.06638	-0.07245	0.037007	0.024366	0.03931	-0.02012	-0.09684	-0.04328	-0.01325	-0.00653
-0.05235	-0.0663	0.038496	0.016625	0.026853	-0.02132	-0.02607	8.57E-04	0.013258	0.029029
-0.02983	-0.05844	-0.00182	-0.04878	-0.02585	-0.03559	-0.01694	0.012887	-0.01637	0.00239
0.009046	-0.03536	-0.01622	-0.10418	-0.05593	-0.05314	-0.06751	-0.00141	-0.0639	-0.02363
0.018752	-2.16E-04	0.008574	-0.09431	-0.03563	-0.04752	-0.07493	-0.02307	-0.06719	-0.00373
-0.02092	0.002466	0.019965	-0.05137	-0.0101	-0.05791	-0.03696	-0.01675	-0.03976	0.007081
-0.01063	0.009296	-0.00995	-0.06398	-0.04016	-0.05498	-0.01218	-0.01289	-0.016	-0.01769
0.010836	-0.02261	-0.03635	-0.07157	-0.04886	-0.07278	-0.03133	-0.04559	-0.04995	-0.03543
-0.01463	-0.03427	-0.02204	-0.04881	-0.00511	-0.06828	-0.05976	-0.05553	-0.04194	-0.00742
-0.0294	-0.00889	-0.00169	-0.03013	0.009434	-0.04794	-0.02618	-0.03887	-0.03148	0.013894
-0.0121	1.78E-04	-0.01835	-0.02555	-0.0156	-0.04848	-7.29E-04	-0.01938	-0.04815	0.006383
-0.00356	0.01019	-0.02925	-0.02669	-1.87E-04	-0.00616	-0.00657	-0.00868	-0.01238	-0.02373
0.011206	0.014973	-0.00508	-0.00887	0.049974	0.015094	-0.01944	-0.05627	-0.02437	-0.02646
-0.01253	0.023197	0.012234	-8.79E-04	0.062567	-0.01444	-0.00775	-0.03393	-0.03397	-0.01055
-0.02474	0.041785	0.021875	8.68E-04	0.010944	-0.02629	0.036359	0.026656	-0.02537	-0.0041
0.01147	0.033279	-0.00217	-0.00881	-0.03614	-0.00805	0.041761	-3.21E-04	-0.00607	-0.02901
0.030608	0.014903	-0.04008	-0.02914	-0.01547	0.014429	-0.00198	-0.06048	-0.01231	-0.04996
0.01972	0.014601	0.011126	-0.00817	-0.00294	-0.02175	-0.02809	-0.05477	-0.01644	-0.03134

-0.00173	0.002638	0.051393	0.02974	0.019579	-0.05298	-0.01105	-0.00929	0.029276	0.028528
0.007664	0.002087	-0.00876	0.015333	0.021936	-0.02329	-0.01435	-0.01483	0.043215	0.028743
0.030314	0.022384	-0.02894	-0.00433	-0.00955	0.005725	-0.03702	-0.02572	0.016959	-0.02908
0.013005	0.024538	-0.03693	0.001735	-0.02527	0.016461	-0.03663	-0.03051	0.003214	-0.04502
0.020816	0.03315	-0.03333	0.023215	-0.01299	-0.00672	-0.00299	-0.01931	0.009447	-0.01375
0.023742	0.052468	0.024096	0.038911	-0.03114	-0.04688	-8.70E-04	-0.01707	0.002567	0.008941
-0.01151	0.035283	0.02456	0.02369	-0.03039	-0.02317	-0.00284	-0.02121	0.018206	-2.30E-04
-0.02199	-0.00102	-0.04588	0.013081	0.002927	0.0065	-0.02502	-0.02611	-0.00326	-0.05521
-0.00613	-0.00211	-0.03673	-0.00336	-0.01015	-8.72E-04	-0.03659	-0.0357	-0.02169	-0.07456
0.001097	0.034558	0.002327	0.00144	-0.02994	0.007029	-0.02764	-0.03255	0.022553	-0.01003
0.001596	0.013326	-0.00878	0.017362	-0.0067	0.029341	0.008704	0.0069	0.0431	-0.00484
-9.45E-04	-0.01663	-0.01412	0.01442	0.007179	0.042231	0.00673	0.031078	4.78E-04	-0.01952
0.014847	-0.00558	-0.04786	0.010239	0.020567	0.047427	-0.03715	0.010823	-0.03253	-0.00345
0.025212	0.025773	-0.02914	4.35E-04	-0.02543	0.020209	-0.03639	0.002351	0.016004	0.026315
0.044789	0.037595	0.02099	0.022759	-0.03784	0.019337	-0.0174	0.005005	0.02974	0.014084
0.058585	0.023306	0.00614	-0.00747	-0.03142	0.024613	0.019545	0.022935	-0.00532	-0.01525
0.023633	-0.02467	-0.03548	-0.04092	-0.0529	0.022287	-0.01362	-0.00186	-0.01577	6.75E-04
0.004394	-0.0291	-0.00656	-0.01567	-0.01715	0.033464	-0.03681	-0.02225	-0.01396	0.03638
0.022259	0.024374	0.035669	0.018714	-0.00826	0.043534	0.001619	0.014674	-0.00602	0.001818
0.039027	0.015542	0.045832	0.023562	-0.02556	0.038916	0.011484	0.029074	0.003616	-0.02188
0.036371	-0.01118	0.034847	-0.00416	-0.01294	0.049348	0.039747	0.025002	-0.02182	0.012116
0.009642	-0.03045	0.023829	-0.01602	0.014974	0.025201	0.011303	0.011409	-0.02612	0.019201
0.019864	-0.02091	0.025059	-0.00975	0.011878	-0.01771	-0.02741	0.020333	-2.34E-04	0.022523
0.08372	0.035562	0.040342	0.001648	0.028205	0.021794	0.012736	0.05969	-0.00793	0.018956
0.067149	0.064851	0.029691	-0.01402	0.015844	0.053274	0.028981	0.041543	-0.02882	0.030896
0.040211	0.045863	0.001701	-0.01607	0.012319	0.012371	0.030719	0.006777	-0.02448	0.050524
0.053433	0.031432	0.03419	0.013152	0.031143	-0.02012	0.011738	0.028279	0.006213	0.038773
0.073462	0.050518	0.053695	-0.01044	0.020872	-0.02876	0.008938	0.046948	0.037464	0.024787
0.052812	0.054776	0.015872	-0.0376	0.036148	1.51E-04	0.020025	0.035884	-0.00234	0.028761
0.025557	0.045691	-0.01618	-0.01807	0.048974	0.049056	0.042908	0.008716	-0.03198	0.04512
0.005505	0.040936	0.004281	0.014009	0.044828	0.0374	0.040424	-0.00305	0.020601	0.054058
0.027874	0.028932	0.065331	0.048686	0.034529	-0.00303	0.018402	-0.002	0.045579	0.038297
0.071112	0.063004	0.080644	0.027358	0.051651	0.007541	0.043473	0.026748	0.025285	0.00244
0.070768	0.102619	0.037117	0.016391	0.070605	0.034647	0.051639	0.004987	-0.01184	0.010448
0.009151	0.070381	0.023936	0.047083	0.073074	0.047369	0.042169	-0.02157	-0.0063	0.032175
-0.00264	0.074758	0.04514	0.056829	0.032417	0.042978	0.022376	-0.01282	0.03205	0.021554
0.025958	0.074615	0.08225	0.075909	0.03598	0.035738	0.050707	0.02086	0.060518	0.011978
0.057134	0.06867	0.070911	0.095758	0.061637	0.044052	0.078979	0.06569	0.08607	0.039928
0.078447	0.067167	0.034062	0.090721	0.060394	0.074875	0.059618	0.030836	0.107825	0.090862
0.016091	0.041162	0.060732	0.089189	0.049647	0.074689	0.003055	-0.02423	0.089191	0.101438
0.02096	0.068449	0.052857	0.068192	0.031438	0.047504	-0.00313	-0.01637	0.062297	0.060229
0.077811	0.094551	0.021662	0.059776	0.038597	0.056187	0.048079	0.034045	0.094874	0.056111
0.111107	0.084646	0.024274	0.082676	0.081538	0.076962	0.07989	0.038657	0.097777	0.061424
0.092864	0.068911	0.06643	0.084458	0.097065	0.101229	0.037511	0.035527	0.094766	0.064736
0.098918	0.113037	0.104053	0.075436	0.056332	0.084677	-0.00704	0.037542	0.073887	0.040755
0.134619	0.13907	0.104417	0.074737	0.011578	0.063076	0.020893	0.059432	0.04404	0.014517
0.141241	0.106677	0.079893	0.084206	0.049839	0.091029	0.026987	0.045312	0.054536	0.017454

0.114801	0.029648	0.066901	0.096449	0.114483	0.107319	0.060975	0.061242	0.097668	0.060364
0.058958	0.02289	0.060422	0.043417	0.049416	0.053019	0.001513	0.036448	0.097538	0.096787
0.067009	0.05396	0.080319	0.054156	0.030646	0.015705	-0.01122	0.054595	0.046872	0.035307
0.106611	0.071471	0.086055	0.10694	0.067909	0.077647	0.088972	0.116184	0.048324	0.021061
0.117378	0.054932	0.087723	0.119008	0.082533	0.102963	0.085501	0.095208	0.075412	0.033096
0.072184	0.035674	0.080968	0.116129	0.091122	0.088596	0.015852	0.038505	0.08075	0.052524
0.058408	0.023288	0.076383	0.066234	0.074742	0.062074	0.017906	0.019409	0.096648	0.08981
0.090385	0.02906	0.094521	0.023891	0.008261	0.022506	0.025881	0.053204	0.061997	0.085138
0.081251	9.34E-04	0.083555	0.045064	0.001324	0.062494	0.021079	0.071162	0.024935	0.047505
0.00547	-0.0279	0.047409	0.061048	0.044447	0.07124	0.029944	0.08758	0.074031	0.059076
-0.01635	-0.01408	0.010435	0.006501	0.060157	0.051257	0.024275	0.054281	0.097647	0.096599
0.057036	0.051888	0.066351	0.026272	0.083322	0.058008	0.007949	0.013511	0.026574	0.096641
0.09263	0.009541	0.057199	0.017236	0.082015	0.048571	0.034159	0.05057	0.010423	0.055274
0.038577	-0.03447	-0.00729	0.005222	0.083447	0.025183	0.011684	0.077965	0.027276	0.027545
0.017321	0.037651	0.029817	0.047739	0.103483	0.003113	0.00318	0.073309	0.032967	0.057161
0.022024	0.071592	0.030883	0.025501	0.072304	0.006905	0.044781	0.067972	0.064828	0.093658
0.049089	0.053223	0.00909	-0.00969	0.042514	0.017743	0.052196	0.064745	0.039664	0.033729
0.012334	0.008421	0.03317	-0.0176	0.03299	0.037343	0.043298	0.046119	-2.51E-04	-0.00628
-0.00441	0.01972	0.091368	0.037118	0.031955	0.001229	0.005085	0.052227	0.036218	0.054247
-0.01902	0.0579	0.073139	0.03644	0.056567	-0.01323	0.030852	0.069432	0.05724	0.052165
8.56E-04	0.04254	-0.00446	0.042425	0.050976	0.027802	0.047213	0.052227	0.029907	0.033856
0.016715	0.003588	-0.03701	-6.72E-04	0.05034	0.051726	0.060205	0.048746	0.022242	0.01215
-0.00836	0.012214	-0.05499	-0.01442	0.034399	0.028451	0.058708	0.036222	0.004965	-0.00873
-1.74E-04	0.008928	-0.03914	0.034227	0.053103	0.022543	0.051739	0.009582	0.011384	0.05921
-0.02118	0.004003	-0.00536	0.039744	0.023925	0.015795	0.048927	0.021823	0.025266	0.074628
-0.01104	0.012319	-0.01821	-0.00557	-0.04439	-0.01751	0.036589	0.013136	0.037256	0.027759
-0.00779	-0.00971	-0.05814	-0.03542	-0.04	-0.0511	0.006873	-0.01466	0.016364	-0.00233
-0.0249	0.009331	-0.01929	-0.04335	0.002478	-0.01503	0.014957	-0.0129	0.007518	0.006536
-0.01864	0.062568	0.04933	-0.02681	0.04138	0.00231	0.052076	0.028187	0.055087	0.042267
-0.01826	0.032706	0.010763	0.030185	0.040984	-0.00703	0.050925	0.021914	0.044866	0.004095
-0.03784	-0.00991	-0.03942	0.011356	0.024796	0.02662	0.042228	-0.01637	0.012901	-0.0346
-0.05857	-0.02176	-0.0167	0.002082	0.024469	0.036455	0.02195	-0.0266	-0.0096	-0.02648
-0.052	0.018412	0.029366	-0.00842	0.002685	-0.00889	0.017263	-0.03591	-0.00341	0.028492
-0.00959	0.030732	0.020336	8.50E-04	-0.05446	-0.02736	0.017336	-0.02878	-0.02635	0.031256
0.031714	-0.006	-3.25E-04	0.006519	-0.03958	-0.01366	0.0123	-0.00933	-0.00348	0.009728
0.015558	-0.03024	-0.03896	0.018461	0.012477	0.024264	-0.00544	-0.03682	-0.00532	-0.02871
-0.00984	-0.00286	-0.05738	-8.44E-05	0.007528	-0.00296	-0.04524	-0.06713	-0.02565	-0.04072
-0.04007	0.013538	-0.03576	0.002569	-0.02606	-0.04364	-0.02332	-0.01031	0.035539	0.017471
-0.03721	-0.00565	-0.03465	0.003928	-0.06752	-0.03811	-0.00546	0.007147	0.061157	0.038828
-0.01419	-0.04	-0.04638	-0.01461	-0.04422	-0.00831	-0.0526	-0.05434	0.021895	-0.01371
-0.01291	-0.02933	-0.0721	-0.02119	-0.0091	0.039543	-0.04205	-0.05562	-0.05447	-0.05283
-0.04255	-0.01906	-0.05857	-0.00265	-0.03457	0.019283	7.88E-04	-0.03446	-0.0235	-0.02736
-0.01444	0.011421	-0.02095	0.027763	-0.02522	-0.00899	-0.01595	-0.04702	0.040292	-0.03174
0.026523	0.031284	0.008746	0.014152	-0.01571	-0.01231	-0.02827	-0.08233	0.01779	-0.05524
0.011893	-3.53E-04	-0.0147	-0.00825	-0.03104	-0.01899	-0.04372	-0.05525	-0.04145	-0.06684
0.003235	-0.02339	-0.03863	-0.02254	-0.02934	-0.02857	-0.05305	-0.02836	-0.06459	-0.05617
0.018304	-0.02965	-0.01643	-0.01137	-0.0352	0.004689	-0.04299	-0.06228	-0.00583	-0.00152

0.045684	0.018806	0.025274	-0.02297	-0.04858	-0.0048	-0.01792	-0.02472	0.004544	-0.01854
0.02197	-0.01959	-0.00467	-0.07129	-0.05172	-0.03369	-0.04019	0.00392	-0.03642	-0.05329
0.001613	-0.0449	-0.03676	-0.06983	-0.03916	-0.01513	-0.08216	-0.02067	-0.02457	-0.03402
0.021988	-0.00443	-0.00681	-0.01765	-0.02431	-0.01046	-0.10223	-0.03135	-0.04875	-0.03249
0.050243	0.02809	0.02998	-0.01814	-0.01881	-0.00101	-0.04855	-0.01275	-0.0431	-0.06504
0.044542	-0.00285	-0.01745	-0.06638	0.003255	0.026583	-0.01124	-0.0051	-0.04656	-0.03998
-0.00974	-0.02289	-0.06795	-0.07481	-0.02553	-0.00997	-0.03	0.010007	-0.05232	0.001599
-0.01712	-0.01691	-0.03439	-0.04245	-0.01563	-0.03017	-0.05476	-0.01398	-0.0492	-0.00443
0.014758	-0.01275	-0.00706	-0.01794	-0.01022	-0.02896	-0.06352	-0.01176	-0.02879	-0.01039
0.032896	0.009138	0.010055	-0.03477	-0.04022	-0.00747	-0.02706	0.010255	-0.0078	-0.0062
0.01643	-0.00806	0.021326	-0.03874	-0.03994	-0.01483	0.008399	0.019192	-0.01907	0.030105
-0.02986	-0.05868	0.008935	-0.01512	-0.00978	-0.02026	-0.01704	-0.01017	-0.06879	0.028617
-0.01039	-0.0367	0.018714	0.002882	0.003014	-0.003	-0.03714	-0.0181	-0.07658	0.002474
0.04836	0.023595	0.036713	0.017182	-0.00393	0.010642	-0.0378	0.01428	-0.04558	-0.00343
0.06358	0.046129	0.057488	0.0021	0.006273	0.037892	-0.01034	0.026435	-0.03046	-0.02908
0.008591	-0.00203	-0.00418	-0.02921	0.02565	0.037097	0.004693	0.024215	-0.03332	-0.02626
-0.02276	-0.07502	-0.0278	-0.00141	0.035235	-0.02335	-0.01733	0.010433	-0.01347	0.011651
0.017678	-0.08149	0.004042	0.013955	0.027163	-0.01854	-0.03338	0.010078	0.008295	0.012875
0.033897	-0.05583	0.026562	-0.01207	0.017056	0.005181	-0.03932	-0.00563	-0.02366	0.017193
0.005609	-0.01661	0.010521	-0.03013	0.021161	0.029991	0.0123	0.015534	-0.03653	0.018869
-0.01803	-0.0045	-0.00573	-0.00621	0.034956	0.022835	0.054249	0.016216	-0.02069	0.002558
0.017661	-0.01582	0.017764	0.019021	0.015507	-0.05066	0.021467	-0.01715	0.010174	0.018799
0.022963	0.007984	0.044094	0.008789	0.005491	-0.07696	-0.00452	0.015319	0.012793	0.016792
0.029046	0.036773	0.024346	-0.00557	0.021197	-0.06433	-0.00219	0.029074	-0.02117	0.017297
0.029028	0.033039	-0.02958	-0.02354	0.02387	-0.01307	0.018274	0.029204	-0.01679	0.05535
-0.02121	-0.0132	-0.06431	-0.0372	0.036502	-0.00614	0.009263	0.007059	0.003896	0.03518
-0.01064	-0.02264	-0.03453	-0.00638	0.024251	-0.05188	-0.03354	-0.03315	0.008579	0.019236
-0.01358	-0.02559	0.021804	0.011374	0.020063	-0.01877	-0.0081	-0.01865	-0.00534	0.035198
0.020601	-0.01451	0.030323	-0.00248	0.06815	0.074545	0.016695	-0.00452	-0.01538	0.045975
0.057447	0.035711	-0.01176	-0.03315	0.078753	0.069465	0.029302	-0.03083	-0.00443	0.072802
0.010836	0.00102	0.005901	0.005327	0.044011	-2.48E-04	0.040947	-0.00196	0.012865	0.077482
-0.01034	-9.60E-05	0.04557	0.005449	0.038409	-0.01268	0.03106	0.020478	0.026426	0.015783
0.014013	0.035655	0.04786	-0.05488	0.052734	0.029675	0.028134	5.62E-04	-0.00155	-0.01126
0.035755	0.057821	0.017466	-0.03534	0.060985	0.025238	0.03053	0.025645	-0.02012	0.007285
-0.00695	0.044132	-0.00162	0.013491	0.065809	-0.01332	0.017153	-8.92E-04	0.03488	0.049096
0.001958	0.024646	0.024364	0.034395	-0.00111	-0.0443	0.009317	-0.05612	0.038544	0.035325
0.036482	0.037221	0.068398	0.028243	-0.00444	-0.03248	0.022339	-0.02038	0.010121	0.014292
0.048264	0.060986	0.036145	-0.01259	0.037679	-0.03964	0.020875	0.028187	0.003879	0.026351
0.019918	0.062766	0.005201	-0.01691	0.022044	-0.03663	0.013936	-0.01875	0.011919	0.055521
-0.01355	0.042181	0.042771	0.026052	0.003014	-0.0195	0.040927	-0.01946	0.032836	0.062216
-0.01333	0.042919	0.054822	0.03208	-0.00517	-0.00938	0.058627	0.04023	0.06507	0.010774
-0.04138	0.03599	0.047747	0.005344	0.006639	-0.03854	0.027776	0.018288	0.078436	0.001515
-0.02663	0.055497	0.003176	-0.00196	0.054267	0.001595	0.041858	0.035414	0.078353	0.051089
-0.0034	0.041351	-0.05978	-0.01636	0.110947	0.094165	0.086835	0.041257	0.031994	0.053034
-0.01608	0.019631	-0.05117	-9.14E-04	0.041418	0.05459	0.056051	0.011054	0.05181	0.036417
0.001372	0.014353	-0.0098	0.013795	-0.0207	-0.02235	0.026518	0.033614	0.088339	0.037931
-0.00357	0.019362	0.006636	-0.01132	0.006813	-0.04675	0.034521	0.04242	0.088212	0.029298

-0.03955	0.023722	0.010504	0.007679	0.040494	-0.03543	0.014136	-0.00955	0.060898	0.038919
-0.01921	0.036121	0.012303	0.022613	0.04439	-0.01819	-0.02238	-0.03985	0.021403	0.031364
-0.03766	0.017572	-0.00779	0.005029	-0.00866	-0.02925	-0.04449	-0.01989	0.02184	0.006587
-0.06196	0.00998	-0.0347	-0.03628	-0.03214	-0.04238	-0.03551	-0.03143	0.016978	-0.01777
-0.03736	0.002449	-0.03111	-0.01162	-0.01852	-0.02046	0.004514	-0.02276	0.011901	-0.01448
-0.03467	-0.03063	-0.06249	-0.0015	-0.03297	-0.01488	0.018826	-0.02345	0.016076	0.003841
-0.06513	-0.03903	-0.04697	-0.01005	-0.06771	-0.02766	-0.01537	-0.01403	0.026758	0.019026
-0.09741	-0.0515	-0.03314	-0.03014	-0.08414	-0.04565	-0.03227	-0.01899	0.009216	-0.00153
-0.10076	-0.05467	-0.05182	-0.02159	-0.08361	-0.04803	-0.01959	-0.0278	0.005598	-0.04496
-0.06258	-0.07203	-0.0721	-0.01996	-0.0769	-0.04438	-0.03269	-0.05002	0.024605	-0.0277
-0.06516	-0.09545	-0.07853	-0.03481	-0.03851	-0.02609	-0.0537	-0.07668	-0.01079	-0.01832
-0.05713	-0.06704	-0.05095	-0.02935	-0.02321	-0.01644	-0.06058	-0.04931	-0.04082	-0.03029
-0.04658	-0.06406	-0.08415	-0.06493	-0.06665	-0.01895	-0.03122	-0.0122	-0.03685	-0.05075
-0.05752	-0.08737	-0.08924	-0.07242	-0.10326	-0.04093	-0.03063	-0.03475	-0.0484	-0.08293
-0.04868	-0.1026	-0.06959	-0.03655	-0.06859	-0.04482	-0.07304	-0.06339	-0.04594	-0.0944
-0.0906	-0.15413	-0.12044	-0.07812	-0.05271	-0.06877	-0.10412	-0.06848	-0.01736	-0.05428
-0.10257	-0.13525	-0.11636	-0.11537	-0.07463	-0.09583	-0.13009	-0.06605	-0.03985	-0.03797
-0.0627	-0.08608	-0.07211	-0.06559	-0.08188	-0.05648	-0.10327	-0.05152	-0.05987	-0.05175
-0.04954	-0.10911	-0.07686	-0.04394	-0.09985	-0.0627	-0.07089	-0.05104	-0.04745	-0.05792
-0.06631	-0.11903	-0.10222	-0.06666	-0.10973	-0.07345	-0.09736	-0.08563	-0.06606	-0.07825
-0.11279	-0.13217	-0.11568	-0.11375	-0.10477	-0.07587	-0.11357	-0.10966	-0.07841	-0.05713
-0.11384	-0.11746	-0.11864	-0.12279	-0.12246	-0.07001	-0.10848	-0.08661	-0.09455	-0.07367
-0.07533	-0.09353	-0.09138	-0.0905	-0.10252	-0.05179	-0.10928	-0.07683	-0.12303	-0.13214
-0.10187	-0.13285	-0.10355	-0.06894	-0.07282	-0.03948	-0.10563	-0.10121	-0.14718	-0.14516
-0.10766	-0.1295	-0.12343	-0.10056	-0.07613	-0.0749	-0.12474	-0.11992	-0.11344	-0.11918
-0.07129	-0.09863	-0.10776	-0.12586	-0.10929	-0.12633	-0.13059	-0.08581	-0.10146	-0.08431
-0.06488	-0.07852	-0.07978	-0.0947	-0.10385	-0.10091	-0.12952	-0.07162	-0.12916	-0.11663
-0.06948	-0.10202	-0.07301	-0.10206	-0.12423	-0.07446	-0.12387	-0.06972	-0.15167	-0.1693
-0.07091	-0.13038	-0.07646	-0.09494	-0.11717	-0.07909	-0.13551	-0.09197	-0.13548	-0.13163
-0.06923	-0.1274	-0.06518	-0.10237	-0.09845	-0.10116	-0.16104	-0.13521	-0.09628	-0.07827
-0.04413	-0.10135	-0.05029	-0.10478	-0.10714	-0.08286	-0.12991	-0.11613	-0.11761	-0.1178
-0.01895	-0.0816	-0.0438	-0.07784	-0.09973	-0.04786	-0.11047	-0.09409	-0.13509	-0.12639
-0.04004	-0.08271	-0.05975	-0.07373	-0.08471	-0.06152	-0.12125	-0.08419	-0.13663	-0.08852
-0.06319	-0.10555	-0.07577	-0.09885	-0.08459	-0.09688	-0.12276	-0.08416	-0.12714	-0.0922
-0.02649	-0.10235	-0.10399	-0.15654	-0.1026	-0.10558	-0.13921	-0.08571	-0.12314	-0.08706
0.018859	-0.05685	-0.07401	-0.11482	-0.08926	-0.08665	-0.13332	-0.09463	-0.12824	-0.10285
0.011681	-0.03287	-0.00746	-0.04242	-0.05635	-0.04669	-0.11107	-0.10322	-0.15775	-0.12033
0.003045	-0.0371	0.016187	-0.03526	-0.0291	-0.01972	-0.08293	-0.07333	-0.1558	-0.10319
0.06235	0.033205	0.028339	-0.04063	-0.01331	-0.0416	-0.09149	-0.04507	-0.09676	-0.07632
0.09752	0.089254	0.044841	-0.0145	-0.02532	-0.04268	-0.10117	-0.04442	-0.06483	-0.0584
0.070143	0.036232	0.02951	0.023635	-0.01707	0.014142	-0.06574	-0.03136	-0.04694	-0.04789
0.027253	-0.0072	0.02692	0.042081	0.037249	0.049853	-0.04022	-0.00305	-0.07045	-0.03632
0.05227	0.049383	0.060732	0.030111	0.052831	0.022433	-0.00882	0.030576	-0.06687	-3.64E-04
0.052038	0.071835	0.041508	-0.00626	1.90E-04	-0.00585	0.005424	0.04263	-0.01731	0.027759
0.03529	0.025682	0.043292	-0.00674	0.006099	0.016786	0.031287	0.005636	-0.02627	-0.00423
0.031806	0.008806	0.067413	0.030074	0.037324	0.005093	0.001743	0.00406	-0.02084	0.00489
0.007071	0.017412	0.070435	0.022668	0.045494	-0.02416	-0.01209	0.051329	0.061877	0.070136

0.03976	0.050056	0.05645	0.008154	0.044181	-0.00624	0.010146	0.05291	0.056172	0.07304
0.05454	0.070361	0.024257	-0.01061	0.04403	0.030345	0.041044	0.025406	-0.00926	0.019341
0.042967	0.052913	0.063884	0.015942	0.069255	0.055812	0.055831	0.035903	-0.00749	0.014707
0.013429	0.023396	0.080684	0.075292	0.077296	0.048357	0.015962	0.059412	0.041913	0.057448
-0.00552	0.013114	0.029907	0.061207	0.049301	-0.01619	0.022804	0.058718	0.058032	0.075903
0.01304	0.054679	0.012772	0.023653	0.031051	-0.01349	0.060732	0.080563	0.053789	0.060614
0.04769	0.088875	0.029546	0.006098	0.051169	0.010286	0.043045	0.048843	0.01053	0.026102
0.038521	0.065329	0.072422	0.024567	0.072101	0.012317	-0.00813	0.002821	-0.03468	0.017873
0.025321	0.029831	0.059803	0.024585	0.057192	-0.0147	-0.01136	0.04179	-0.00288	0.053129
0.029046	0.057175	0.058239	0.050217	0.057095	-0.00858	0.006425	0.047778	0.031677	0.07308
0.053685	0.079839	0.015366	0.041967	0.068532	0.057117	0.04359	-0.00387	0.04477	0.054134
0.072691	0.063321	0.021131	0.011338	0.081187	0.056662	0.047665	-0.00911	0.047801	0.043117
0.050532	0.075737	0.110787	0.066113	0.074558	0.030959	-5.88E-04	0.007481	0.015932	0.067819
0.041719	0.085564	0.129545	0.100767	0.083426	0.002397	0.017869	0.041695	0.032667	0.084568
0.08059	0.123459	0.070257	0.092087	0.085363	0.023036	0.083851	0.097976	0.076321	0.054077
0.086035	0.108897	0.019224	0.064746	0.074395	0.058842	0.071929	0.04585	0.060838	0.046516
0.058369	0.07883	0.027136	0.064726	0.095395	0.038385	0.05772	0.002874	0.04945	0.077883
0.05686	0.106129	0.104718	0.111901	0.129821	0.049542	0.06686	0.030483	0.074422	0.083836
0.056372	0.102185	0.102984	0.100855	0.095459	0.017237	0.089839	0.078816	0.076363	0.069192
0.049878	0.085438	0.001413	0.024311	0.010681	0.003183	0.090013	0.026086	0.04608	0.051598
0.010643	0.051907	0.015453	-0.0026	-0.00159	0.01066	0.058547	-0.03449	0.042066	0.040094
-0.00742	0.046072	0.060442	0.037438	0.041909	0.024393	0.052873	0.008787	0.02031	0.043876
0.042154	0.069193	0.056585	0.07324	0.048782	0.017707	0.064398	0.039661	0.044155	0.087919
0.045779	0.068008	0.019788	0.058092	-0.0066	-0.01443	0.068467	0.04042	0.064385	0.082133
0.028845	0.053553	-0.01451	0.029555	0.012583	-0.02376	0.041024	0.016702	0.031248	0.009488
0.006322	0.048117	-0.00137	0.009072	0.053064	0.003218	0.031894	-0.02477	-0.01701	-0.01743
-5.16E-04	0.059332	0.00138	0.010859	0.065789	-0.00658	0.027062	-0.0244	-0.04246	0.021061
0.010045	0.025809	-0.02585	0.018245	0.025377	-0.01851	0.018384	0.023026	0.005211	0.053186
0.01373	-0.01806	-0.04186	0.027468	-0.03122	-0.03003	0.025096	0.031599	0.040101	0.054096
0.009046	-0.03224	-0.05844	-0.00812	-0.06833	-0.04469	0.013808	-0.02735	0.017899	-0.00367
-0.00596	-0.04696	-0.06042	-0.00991	-0.0037	-0.01955	-0.03403	-0.06771	-0.01963	-0.01209
-0.00654	-0.02157	-0.03585	0.003091	0.020441	-0.0222	-0.02097	-0.04815	-0.03023	0.030087
-0.01061	-0.0071	-0.0097	0.018804	-0.03902	-0.0067	0.022525	-0.00639	-0.0053	0.02399
-0.01678	-0.0465	-0.03187	-0.00798	-0.0581	0.003026	0.008704	-0.0155	0.021804	-0.0169
-0.02193	-0.02743	-0.06088	-0.04161	-0.04923	0.020737	-0.0134	-0.03885	-0.0114	-0.03742
-0.01872	0.011914	-0.04181	-0.02349	-0.03629	0.02638	-6.23E-04	-0.04473	0.006337	-0.01894
-0.01466	-0.00577	-0.03683	-0.02599	-0.049	8.29E-04	0.029453	-0.03064	0.025009	9.10E-04
-0.04386	-0.07651	-0.03503	-0.04011	-0.06321	-0.00771	3.11E-04	-0.03672	0.008083	-0.03373
-0.07088	-0.10433	-0.05059	-0.03405	-0.07653	-0.01609	-0.05147	-0.02263	-0.01684	-0.04187
-0.05679	-0.1047	-0.05496	-0.0379	-0.08444	-0.02655	-0.0756	-0.06774	-0.02648	-0.01269
-0.02956	-0.07782	-0.03503	-0.02459	-0.07306	-0.01355	-0.05983	-0.07308	0.010139	1.05E-04
-0.03725	-0.05976	-0.02019	-0.04052	-0.06404	-0.01582	-0.03444	-0.02156	0.006812	-0.00831
-0.08695	-0.08747	-0.05274	-0.0843	-0.0624	-0.0362	-0.05081	-0.01255	-0.05398	-0.02707
-0.10096	-0.096	-0.06615	-0.09318	-0.03972	-0.02785	-0.08144	-0.05106	-0.08347	-0.05616
-0.07786	-0.08154	-0.04697	-0.078	-0.03251	-0.02718	-0.0825	-0.0553	-0.05682	-0.02422
-0.0456	-0.04856	-0.05545	-0.08229	-0.05758	-0.04998	-0.11792	-0.04718	-0.03404	-0.01616
-0.06556	-0.04561	-0.0894	-0.10247	-0.06799	-0.06021	-0.10619	-0.04808	-0.07899	-0.05299

-0.10232	-0.05964	-0.12265	-0.11363	-0.05527	-0.09733	-0.09373	-0.07823	-0.10577	-0.06314
-0.10309	-0.05336	-0.10937	-0.11168	-0.06457	-0.11615	-0.12197	-0.08737	-0.1306	-0.06684
-0.11992	-0.06565	-0.08364	-0.10757	-0.0751	-0.11854	-0.09777	-0.05958	-0.12787	-0.06676
-0.09101	-0.08456	-0.11089	-0.10288	-0.06803	-0.11848	-0.09422	-0.05971	-0.10829	-0.05918
-0.10126	-0.07612	-0.11282	-0.10078	-0.10965	-0.10855	-0.08155	-0.09246	-0.13055	-0.05529
-0.11187	-0.04553	-0.09663	-0.11227	-0.12938	-0.10374	-0.08803	-0.11282	-0.1264	-0.05858
-0.05355	-0.01449	-0.06083	-0.07722	-0.11414	-0.10457	-0.10559	-0.08773	-0.07165	-0.05758
0.029689	-0.01085	-0.02381	-0.00773	-0.05272	-0.05662	-0.05845	-0.07175	-0.06814	-0.04243
0.072488	0.020834	-0.01465	0.019654	-0.00943	-0.01424	-0.04317	-0.09814	-0.07249	-0.02553
0.155262	0.149371	0.0728	0.052748	-0.0147	-0.01619	-0.02595	-0.09735	-0.04944	-0.04057
0.287759	0.25912	0.195258	0.143982	0.096187	0.078998	0.05535	0.005934	0.019221	-0.04449
0.350898	0.304161	0.293647	0.275375	0.242737	0.215202	0.161864	0.117248	0.094702	0.029047
0.331961	0.353488	0.387959	0.348224	0.273756	0.26447	0.205087	0.184147	0.178698	0.151886
0.374137	0.434085	0.428231	0.377449	0.321918	0.303506	0.294036	0.288482	0.254118	0.210223
0.439325	0.450897	0.356014	0.323275	0.383124	0.364178	0.381526	0.364253	0.333091	0.270889
0.380558	0.352561	0.273444	0.296863	0.408643	0.399192	0.371081	0.335171	0.389381	0.371334
0.287426	0.297749	0.312406	0.346377	0.354808	0.402293	0.384081	0.342538	0.42394	0.393433
0.274842	0.3564	0.300091	0.299371	0.265838	0.298094	0.395855	0.412179	0.432639	0.330678
0.315726	0.374091	0.249624	0.272613	0.30411	0.22062	0.35979	0.384503	0.37817	0.332835
0.310295	0.326994	0.249355	0.332547	0.379041	0.324241	0.339244	0.283199	0.311196	0.393019
0.197444	0.217098	0.260203	0.352448	0.331968	0.348836	0.348824	0.271689	0.346446	0.397849
0.163132	0.232988	0.323801	0.340883	0.249966	0.239394	0.291889	0.325357	0.370365	0.302386
0.309735	0.34979	0.347978	0.323457	0.302179	0.246469	0.309223	0.344829	0.344179	0.269765
0.374381	0.388488	0.314175	0.283571	0.367095	0.353785	0.377091	0.339576	0.323849	0.353242
0.313285	0.377186	0.282781	0.298545	0.336411	0.344287	0.358741	0.31619	0.359034	0.357838
0.259265	0.344716	0.361094	0.356555	0.274852	0.218921	0.315632	0.32426	0.399668	0.405324
0.314946	0.330467	0.401935	0.321422	0.283003	0.223108	0.261062	0.304901	0.329926	0.352789
0.350591	0.373767	0.329882	0.239682	0.293631	0.278742	0.268787	0.285799	0.274396	0.304103
0.244168	0.360982	0.247414	0.227657	0.320121	0.315864	0.318891	0.253096	0.242621	0.29091
0.226821	0.268723	0.280524	0.307825	0.350904	0.302809	0.325632	0.245413	0.286779	0.312037
0.292813	0.265046	0.312545	0.30013	0.298856	0.303576	0.329005	0.352246	0.330446	0.341942
0.330012	0.312249	0.312233	0.216326	0.266218	0.361297	0.387468	0.383999	0.325865	0.363333
0.271881	0.300172	0.294078	0.237316	0.362882	0.393916	0.386822	0.316334	0.291336	0.353582
0.31177	0.3769	0.362722	0.390341	0.440128	0.370893	0.327953	0.271074	0.31205	0.379244
0.424851	0.421007	0.415454	0.437602	0.41703	0.345247	0.325408	0.365496	0.407978	0.400242
0.448719	0.435718	0.406337	0.412389	0.403704	0.424778	0.375455	0.432317	0.39019	0.37553
0.446651	0.461039	0.389196	0.38201	0.438524	0.438517	0.4561	0.42775	0.338164	0.364611
0.414392	0.387357	0.406466	0.431767	0.447803	0.374537	0.334151	0.32353	0.310132	0.384409
0.445932	0.359724	0.443589	0.468519	0.391662	0.341535	0.304291	0.294034	0.319445	0.338751
0.43641	0.431669	0.416464	0.380761	0.321882	0.363095	0.378606	0.325211	0.322024	0.27164
0.388458	0.393847	0.378428	0.315875	0.340224	0.346247	0.300047	0.308303	0.313226	0.247406
0.252402	0.276593	0.334409	0.306282	0.33738	0.274248	0.161736	0.274807	0.282601	0.322012
0.249863	0.184517	0.281168	0.295905	0.297322	0.253505	0.178699	0.242589	0.295154	0.341354
0.292073	0.257256	0.279304	0.261293	0.216998	0.254939	0.273595	0.237355	0.30345	0.286806
0.301277	0.277794	0.260449	0.174469	0.202022	0.240661	0.300434	0.289121	0.252687	0.206138
0.241916	0.160591	0.215265	0.149071	0.213311	0.16911	0.147164	0.208941	0.156146	0.18202
0.168636	0.122958	0.150913	0.190152	0.185542	0.14417	0.081887	0.128947	0.106847	0.1454

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

180	181	182	183	184	185	186	187	188	189
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.05173	0.025865	0.012932	0	0	0	0	0	0	0
0.580119	0.877368	1.12519	1.658162	0.20909	0.104545	0	0	0	0
0.241523	0.312857	0.360036	0.418179	0.474898	0.658115	1.506598	0.195129	0.297709	1.459684
0.122959	0.156507	0.187891	0.2252	0.234866	0.262575	0.390258	0.428361	0.426991	0.400289
0.068268	0.062257	0.101242	0.096732	0.120736	0.158667	0.172021	0.165021	0.185325	0.184598
0.027506	0.008649	0.05678	-0.00794	0.021727	0.106799	0.058314	0.107418	0.119165	0.137517
-0.00678	-0.03405	0.038644	-0.02314	0.019322	0.078413	0.05215	0.134051	0.087228	0.128555
-0.05405	-0.05326	0.005014	-0.02183	0.054903	0.064559	0.067255	0.155024	0.131962	0.127795
-0.07353	-0.05653	-0.0302	-0.02465	0.044877	0.036694	0.036727	0.083086	0.145695	0.105187
-0.04046	-0.0198	-0.08593	-0.05206	-0.01007	-0.01435	0.046072	0.044541	0.082398	0.073816
-0.04709	-0.03838	-0.10035	-0.06295	-0.04661	-0.03867	0.035716	0.02424	0.030772	0.039368
-0.07344	-0.0455	-0.09723	-0.0386	-0.04762	-0.0602	0.004428	-0.02422	0.008038	2.61E-04
-0.09345	-0.05973	-0.09928	-0.05182	-0.0504	-0.04414	-0.01795	-0.06997	-0.05107	-0.00872
-0.1278	-0.10433	-0.10013	-0.07781	-0.08538	-0.03425	-0.0176	-0.05541	-0.04211	-0.029
-0.09042	-0.08455	-0.0848	-0.06093	-0.05892	-0.05678	-0.05312	-0.04559	-0.02543	-0.08366
-0.08996	-0.06877	-0.09556	-0.04328	-0.06122	-0.06478	-0.06785	-0.05971	-0.04945	-0.0964
-0.05846	-0.04183	-0.07298	-0.05568	-0.12007	-0.07897	-0.06521	-0.08751	-0.04756	-0.07385
-0.05187	-0.07556	-0.06168	-0.05005	-0.11642	-0.05973	-0.05154	-0.07015	-0.03163	-0.03311
-0.05293	-0.09817	-0.11101	-0.07035	-0.07014	-0.07032	-0.07819	-0.03384	-0.04352	-0.04098
-0.03646	-0.08257	-0.12949	-0.05595	-0.04725	-0.03444	-0.09784	8.38E-04	3.07E-04	0.010744

0.027779	-0.00505	-0.06827	-0.00693	-0.02836	-0.03176	-0.09013	-0.04461	0.019051	0.050313
0.04913	0.013865	2.69E-04	-0.00194	-0.02959	-0.01579	-0.02826	-0.03426	1.88E-04	0.017685
0.062855	0.016286	0.053463	0.010557	-0.03879	0.02092	-0.01518	0.003242	-0.02861	0.01569
0.077272	0.042907	0.044322	0.017759	0.009972	0.005179	-0.03919	0.012507	-0.01765	0.015335
0.088729	0.045476	0.038681	-0.00369	-0.00201	-0.00393	-0.03202	-0.01559	-0.0244	-0.00113
0.070718	0.013586	-0.00259	-0.05434	-0.03272	-0.01543	-0.04064	-0.05301	-0.0699	-0.06018
-0.01541	-0.00885	-0.02726	-0.0712	-0.02301	0.004746	-0.03584	-0.07919	-0.14893	-0.10474
-0.06187	-0.05504	-0.05081	-0.06192	-0.03659	-0.06541	-0.05137	-0.07667	-0.14224	-0.1349
-0.12095	-0.09631	-0.07757	-0.08506	-0.04654	-0.08448	-0.09575	-0.09417	-0.08027	-0.09146
-0.14631	-0.08823	-0.08214	-0.11625	-0.05882	-0.05552	-0.08741	-0.05915	-0.096	-0.11675
-0.13957	-0.0949	-0.11944	-0.10685	-0.04124	-0.04579	-0.07728	-0.06141	-0.13648	-0.12813
-0.11247	-0.1069	-0.12997	-0.07961	-0.03985	-0.05534	-0.07902	-0.0996	-0.11331	-0.06438
-0.11086	-0.10661	-0.13204	-0.08589	-0.07646	-0.09669	-0.08572	-0.11733	-0.09335	-0.05281
-0.08548	-0.076	-0.1094	-0.1086	-0.07954	-0.1012	-0.1264	-0.11046	-0.09286	-0.05813
-0.09089	-0.04885	-0.09334	-0.11704	-0.06297	-0.12239	-0.15437	-0.08393	-0.10881	-0.07788
-0.11489	-0.06257	-0.10196	-0.11709	-0.09521	-0.1673	-0.1118	-0.12208	-0.10947	-0.09422
-0.11953	-0.06711	-0.10464	-0.09116	-0.11661	-0.15085	-0.06743	-0.13423	-0.09108	-0.06395
-0.11046	-0.07425	-0.11436	-0.09031	-0.10112	-0.12828	-0.08612	-0.13054	-0.08319	-0.0484
-0.09972	-0.08398	-0.11973	-0.10404	-0.07852	-0.11747	-0.10125	-0.11587	-0.09679	-0.07906
-0.08562	-0.08899	-0.12209	-0.09607	-0.08443	-0.0947	-0.08997	-0.11605	-0.12094	-0.09064
-0.08965	-0.09631	-0.11402	-0.08506	-0.10382	-0.1102	-0.06996	-0.12783	-0.11489	-0.07261
-0.09233	-0.06656	-0.10116	-0.07791	-0.11497	-0.12871	-0.08234	-0.11817	-0.08777	-0.09688
-0.09835	-0.06743	-0.1023	-0.0933	-0.0886	-0.10821	-0.09308	-0.13328	-0.09322	-0.12928
-0.09855	-0.09486	-0.13602	-0.11065	-0.0529	-0.07487	-0.07132	-0.12373	-0.09432	-0.08172
-0.10561	-0.11064	-0.12341	-0.10205	-0.0483	-0.06591	-0.09776	-0.12021	-0.0761	-0.04537
-0.09723	-0.10331	-0.11736	-0.07945	-0.07489	-0.08644	-0.10611	-0.10903	-0.06511	-0.04797
-0.07764	-0.04442	-0.0909	-0.10085	-0.11052	-0.10673	-0.0593	-0.08297	-0.04936	-0.07672
-0.05814	-0.03015	-0.06723	-0.09114	-0.09805	-0.112	-0.05245	-0.09799	-0.07448	-0.07908
-0.05777	-0.08033	-0.0785	-0.05774	-0.07345	-0.0847	-0.07473	-0.12134	-0.08054	-0.03352
-0.07131	-0.07508	-0.06537	-0.04473	-0.08831	-0.06772	-0.0957	-0.08781	-0.03345	-0.01479
-0.04855	-0.04325	-0.06295	-0.06402	-0.10935	-0.09843	-0.07918	-0.08678	-0.04549	-0.07201
-0.02923	-0.02474	-0.09346	-0.09456	-0.09198	-0.08375	-0.03819	-0.08625	-0.08604	-0.09903
-0.03203	-0.04593	-0.09479	-0.0937	-0.02747	-0.02889	-0.01247	-0.06415	-0.04516	-0.04774
-0.04934	-0.077	-0.06668	-0.03762	-0.00941	-0.00692	-0.04553	-0.11084	-0.03074	-0.03818
-0.03093	-0.036	-0.03821	-0.01027	-0.05428	-0.05763	-0.0688	-0.13281	-0.05022	-0.07006
-0.03187	0.013411	-0.02859	-0.00989	-0.04303	-0.05321	-0.02597	-0.06567	-0.04424	-0.08815
-0.04675	-0.03456	-0.0772	-0.02562	-0.03567	-0.03131	0.005143	-0.04246	-0.0287	-0.08237
-0.05457	-0.08993	-0.10498	-0.02288	-0.05473	-0.03796	-0.02644	-0.08138	-0.03076	-0.07339
-0.0419	-0.06846	-0.10397	-0.044	-0.07253	-0.03494	-0.05814	-0.07171	-0.04264	-0.07246
-0.0044	-0.01386	-0.05512	-0.0677	-0.0902	-0.06165	-0.0534	-0.05418	-0.0669	-0.08343
-0.03737	-0.03345	-0.06205	-0.0377	-0.06363	-0.05703	-0.04879	-0.04662	-0.05509	-0.06933
-0.04944	-0.07095	-0.07063	-0.01204	-0.05662	-0.02735	-0.06162	-0.05936	-0.01671	-0.02959
-0.03119	-0.06968	-0.07597	-0.02355	-0.06683	-0.02596	-0.08117	-0.09126	-0.01206	-0.05323
-0.01898	-0.04104	-0.05023	-0.03245	-0.08746	-0.04935	-0.06364	-0.08476	-0.04389	-0.08421
0.005484	-0.0335	-0.04731	-0.03624	-0.09755	-0.05502	-0.06154	-0.06769	-0.04449	-0.07897
0.01406	-0.03367	-0.04181	-0.01943	-0.08484	-0.04094	-0.04672	-0.0816	-0.05424	-0.09092
-0.04596	-0.07298	-0.03805	-0.02736	-0.06797	-0.03976	-0.0656	-0.08244	-0.05357	-0.08434

-0.06967	-0.09123	-0.06223	-0.07397	-0.04461	-0.0564	-0.09577	-0.07346	-0.05763	-0.08901
-0.02712	-0.04393	-0.06681	-0.09773	-0.07433	-0.05526	-0.09472	-0.07095	-0.08401	-0.11349
-0.02616	-0.03875	-0.05292	-0.05002	-0.05742	-0.02245	-0.06886	-0.07878	-0.09399	-0.10529
-0.04714	-0.08482	-0.05515	-0.01318	-0.02002	-0.00736	-0.08143	-0.0775	-0.06913	-0.09929
-0.04198	-0.07797	-0.06391	-0.06042	-0.02448	-0.00697	-0.09883	-0.09001	-0.06349	-0.09152
-0.02685	-0.08441	-0.04675	-0.07512	-0.05452	-0.04175	-0.08989	-0.08732	-0.07805	-0.07461
-0.00194	-0.06333	-0.03157	-0.05831	-0.05269	-0.04012	-0.05565	-0.02143	-0.07838	-0.1
-0.03667	-0.07227	-0.01353	-0.0425	-0.04963	-0.0167	-0.04845	-0.02238	-0.04567	-0.07017
-0.04893	-0.09189	-0.01287	-0.04134	-0.04844	-0.02609	-0.07029	-0.04251	-0.02248	-0.05741
-0.02506	-0.06756	-0.02212	-0.07227	-0.04625	-0.04988	-0.08698	-0.02197	-0.02503	-0.06536
-0.02629	-0.05037	-0.02573	-0.08119	-0.05999	-0.0566	-0.1078	-0.02862	-0.06922	-0.06767
-0.03189	-0.06229	-0.04921	-0.08895	-0.03933	-0.01786	-0.08484	-0.04466	-0.07613	-0.07731
-0.01855	-0.04463	-0.03201	-0.067	-0.01616	0.015196	-0.05742	-0.04562	-0.06827	-0.08638
-0.03883	-0.0337	0.004323	-0.02619	-0.00904	-0.02071	-0.0677	-0.04388	-0.07226	-0.08008
-0.03863	-0.02109	-0.03149	-0.05789	-0.04346	-0.06385	-0.07562	-0.04989	-0.10123	-0.0662
-0.02905	-0.0288	-0.05248	-0.08737	-0.05775	-0.05744	-0.06438	-0.031	-0.09247	-0.04817
-0.05059	-0.04844	-0.03532	-0.08738	-0.05353	-0.0591	-0.06977	-0.02263	-0.06382	-0.04881
-0.05544	-0.03779	-0.01893	-0.07814	-0.04524	-0.08732	-0.07331	-0.0185	-0.0489	-0.03915
-0.05212	-0.0253	-0.02313	-0.04389	-0.02338	-0.07362	-0.06677	-0.05982	-0.056	-0.01165
-0.00989	-0.00136	-0.04368	-0.04455	-0.01376	-0.03888	-0.04366	-0.07458	-0.08991	-0.02654
-0.01773	-0.02284	-0.03677	-0.0656	-0.01971	-0.0387	-0.01953	-0.06085	-0.13995	-0.03444
-0.05894	-0.035	-0.01335	-0.05473	-0.02222	-0.02377	-0.0119	-0.02319	-0.09997	-0.0205
-0.07208	-0.04233	-0.01205	-0.0378	-0.01936	-0.04487	-0.00866	-0.00535	-0.03343	-0.02043
-0.06102	-0.03636	-0.03617	-0.02391	-0.02602	-0.06687	-0.02813	-0.03805	-0.04084	-0.02283
-0.033	-0.03495	-0.07178	-0.03609	-0.01085	-0.04763	-0.03082	-0.06645	-0.04659	-0.03101
-0.02735	-0.03469	-0.06547	-0.0437	0.011226	-0.02208	-0.01975	-0.04316	-0.06045	-0.03359
-0.02105	0.016603	-0.02896	-0.03516	8.53E-04	-0.035	-0.01105	-0.04824	-0.07675	-0.02728
-0.04159	0.008563	-0.04404	-0.03355	-0.05922	-0.07281	-0.0233	-0.05475	-0.05826	-0.00935
-0.03668	-0.0309	-0.07795	-0.0365	-0.0749	-0.07223	-0.03719	-0.05403	-0.01915	-0.02671
-0.03343	-0.03563	-0.08015	-0.05053	-0.03659	-0.03719	-0.02615	-0.07059	-0.01778	-0.04475
-0.05832	-0.00812	-0.02772	-0.0299	0.004512	-0.0309	-0.00257	-0.05003	-0.02253	-0.01497
-0.06175	-0.01097	-0.02764	-0.01375	-0.01393	-0.04091	0.016538	-0.04025	-0.03161	-0.00293
-0.03004	-0.02281	-0.06065	-0.02329	-0.06119	-0.06329	-0.00795	-0.07305	-0.04501	-0.04079
-0.00873	-0.00713	-0.0571	-0.01703	-0.04132	-0.03796	-0.03378	-0.10212	-0.04949	-0.05407
-0.04406	-0.01324	-0.04114	-4.93E-04	-0.00918	-0.01419	-0.05452	-0.0817	-0.05254	-0.03757
-0.04505	-0.00568	-0.02107	-0.01017	-0.00708	-0.02175	-0.04139	-0.05624	-0.00485	-0.0326
0.010381	-0.0021	-0.01854	-0.01974	-0.05757	-0.00229	0.023558	-0.06401	-7.67E-04	-0.04503
0.026486	-0.036	-0.04675	-0.01984	-0.06432	0.01539	0.020512	-0.06194	-0.02899	-0.07306
0.002961	-0.03558	-0.0691	-0.02587	-0.02469	0.012388	-0.01579	-0.05188	-0.06483	-0.09253
-0.00299	-0.02256	-0.04572	-0.02109	-0.05153	-0.01259	-0.02068	-0.06397	-0.0444	-0.05497
-0.00621	-0.00242	-0.01936	-0.01134	-0.07617	-0.01278	-0.02955	-0.04341	0.012982	0.008903
-0.02527	-0.05222	-0.03173	-0.03031	-0.06827	-0.0029	-0.04252	-0.03279	0.010215	-0.0167
-0.01868	-0.06449	-0.03919	-0.04021	-0.07199	-0.01208	-0.06739	-0.05722	-0.0352	-0.05082
-0.02074	-0.04832	-0.05572	-0.03898	-0.07741	-0.02396	-0.06854	-0.06732	-0.0499	-0.06066
0.012472	-0.02114	-0.06678	-0.04779	-0.07809	-0.01226	-0.04763	-0.02779	-0.01545	-0.06275
0.058192	0.015952	-0.02987	-0.03287	-0.0437	0.004989	-0.04291	-0.01129	0.00425	-0.05645
0.014644	-0.02858	-0.02234	-0.04004	-0.04012	-0.00101	-0.04075	-0.02347	-0.02537	-0.03174

-0.03346	-0.07732	-0.04175	-0.03612	-0.04081	-0.005	-0.06441	-0.0512	-0.08111	-0.0426
-0.00277	-0.02839	-0.02431	0.002812	-0.02005	-0.02598	-0.07108	-0.02807	-0.06083	-0.03463
0.028802	0.029828	-0.00118	-0.00478	-0.03473	-0.01605	-0.04039	0.016643	-0.00277	-0.00683
0.010294	0.010104	0.013621	-0.06265	-0.04779	0.017291	-0.01239	0.013281	-0.02563	-0.02981
-0.01226	0.014951	0.009619	-0.07509	-0.03484	0.011702	-0.00571	-0.01932	-0.05112	-0.01298
-0.0299	-0.01463	0.007928	-0.06334	-0.02007	-0.02099	-0.03263	-0.04295	-0.04134	0.012716
-0.00354	-0.01522	0.005879	-0.02961	0.008029	-0.00344	-0.0376	0.001521	-0.00406	0.004396
-0.00454	-0.00468	0.017909	-0.0057	0.03015	0.025721	0.011324	0.040727	8.88E-04	0.005575
-0.04297	-0.00916	-0.01356	-0.04626	0.025891	0.026447	0.03609	0.027019	-0.01361	0.013175
-0.04002	-0.01029	-0.01773	-0.04364	0.017266	-0.00911	0.017667	0.002328	-0.01967	0.008623
-0.00613	-0.00471	0.016167	-0.03904	-0.02777	-0.04363	-0.01419	0.006421	-0.02426	0.005506
0.037726	0.031555	0.017269	-0.06911	-0.04028	-0.0142	0.008469	0.050033	-0.01846	-0.00739
0.038941	0.044049	-0.00732	-0.02588	0.020585	0.025304	0.050308	0.065148	-0.03252	0.008239
0.017931	0.044555	-0.01649	0.013894	0.048928	0.015178	0.04657	0.01941	-0.01699	0.045624
-0.0265	0.006752	-0.04519	-0.03226	0.020531	-0.05577	-0.02081	-0.03788	-0.0099	0.046596
-0.07827	-0.01191	-0.05497	-0.06018	-0.01434	-0.07421	-0.03127	-0.04065	-0.01594	0.012204
-0.05024	0.020812	-0.02646	-0.04953	-0.00659	-0.01435	0.005108	-0.01438	-0.0295	-0.03302
-0.03723	0.017008	-0.0516	-0.02113	0.005389	-0.0077	0.024979	0.002943	-0.01221	-0.02413
-0.05163	-0.00347	-0.03384	0.021768	0.001978	-0.01453	0.036146	-0.03431	-0.01439	0.016117
-0.04409	0.022361	0.008624	0.020663	-0.01056	-0.01528	0.027873	-0.06138	-0.01465	-0.00516
-0.01116	0.019233	-0.00171	0.006895	0.002508	-0.0482	0.01988	-0.03698	0.017806	-0.02042
0.01376	0.007011	-0.03955	0.022204	0.030661	-0.04155	0.017685	-0.02044	0.018927	0.007558
0.003427	0.012521	-0.02277	0.053624	0.069172	0.013904	0.030231	-0.02861	0.015856	0.02282
-0.02138	0.010173	0.02206	0.047363	-0.00102	-0.00417	0.019214	-0.04025	0.032111	0.019904
1.96E-04	0.027511	0.007632	0.021515	-0.04424	-0.05739	0.026534	-0.01156	0.048101	-0.01235
0.034305	0.046965	-0.01793	0.036793	0.029823	3.93E-04	0.054429	0.00866	0.040397	-0.02898
0.031499	-0.00521	-0.05003	0.004448	0.028841	0.031605	0.017344	-0.02062	0.033859	-0.00947
-0.02875	-0.04067	-0.05806	-0.01285	-0.0276	0.013586	0.00375	-0.02173	0.031303	0.026429
-0.01804	0.007183	-0.0163	0.001997	-0.0341	0.018825	0.009929	-0.02009	0.017984	-0.00656
0.036496	0.035858	-0.0237	0.013271	-0.03311	0.025594	0.04021	-0.0117	0.001709	-0.03571
0.041909	0.044762	-0.0396	0.014821	-0.01335	0.023187	0.057212	-0.01478	-0.00761	-0.02637
0.014803	0.007458	-0.01749	-0.00551	-0.01773	0.035708	-0.00388	-0.05329	0.007708	-3.73E-04
-0.02369	-0.02645	0.002686	0.018515	-0.0137	0.043523	-0.02625	-0.08256	0.018784	0.007454
-0.01834	2.62E-04	-0.00899	0.02822	-0.00522	0.02847	0.00122	-0.05636	-0.00165	-0.0336
-0.00929	0.017378	-0.0132	0.031436	-0.04418	-0.01028	0.024541	-0.02405	-0.02318	-0.07704
0.031113	0.007665	-0.00895	0.043455	-0.03641	-0.01813	0.022069	-0.03378	-0.01141	-0.06565
0.012596	-0.01878	-6.88E-04	0.028313	-0.02287	0.015284	-0.00455	-0.01379	0.01214	-0.04438
0.005224	-0.02398	0.013709	-0.00437	-0.05559	-0.00307	-0.02609	-0.03553	-0.02776	-0.03763
0.044859	-0.01981	-0.01693	-0.00764	-0.06718	-0.01233	-0.01862	-0.03585	-0.05927	-0.04594
0.038978	-0.05107	-0.05158	0.012364	-0.02188	0.008114	-0.00684	-0.03255	-0.03073	-0.02766
0.003237	-0.08059	-0.04507	0.00693	-0.0031	0.01658	-0.02734	-0.01404	0.008942	0.004639
-0.02153	-0.08438	-0.03642	-0.02517	-0.03332	-0.00404	-0.06185	0.003629	0.028272	0.026029
-0.00362	-0.05165	-0.01723	-0.02704	-0.06406	-0.0253	-0.0736	-0.015	-0.00544	0.014998
0.018645	-0.00688	0.001999	-0.01887	-0.04696	0.019057	-0.0262	0.014435	-0.00531	-0.01978
0.015335	-0.02233	-0.01791	-0.00101	0.015413	0.059802	0.011431	0.025868	-0.01375	-0.0089
-0.00388	-0.04096	-0.01828	0.031103	0.051159	0.051846	-0.00866	0.022269	0.006027	0.025138
-0.00542	-0.03219	0.012459	0.011159	0.00563	-0.00298	-0.03744	0.008161	1.88E-04	0.015051

0.015636	-0.05344	-0.00507	0.009022	-0.01493	-0.01264	-0.04874	0.002556	-0.04524	-0.04207
0.01353	-0.03695	-0.02037	0.005775	-0.03536	0.020615	-0.02939	0.015628	-0.03359	-0.0397
-0.0016	-0.05519	-0.02281	0.006282	-0.03874	0.024543	-0.01924	-0.00397	-0.02702	-0.0154
-0.03044	-0.05592	-0.00914	0.007228	-0.03314	-0.03672	-0.0458	-0.00781	0.007448	0.009096
-0.03537	-0.01553	0.017963	-0.01002	-0.05903	-0.08005	-0.06353	-0.00272	-0.02081	0.008099
-0.00694	0.005189	0.009008	-0.01285	-0.04588	-0.0278	-0.04681	-0.01034	-0.05558	-0.03044
0.019843	-0.00382	-0.00139	0.018587	-0.02284	0.029622	-0.01998	1.91E-04	-0.01261	-0.02903
0.005449	-0.0904	-0.03628	0.010451	-0.03522	0.027758	-0.03288	0.009355	0.022091	0.003117
-0.01721	-0.08651	-0.02084	0.010398	-0.02725	-0.02252	-0.07388	-0.01738	0.004957	0.021377
0.021531	-0.01201	-0.0031	-0.02085	-0.03834	-0.03821	-0.06206	-0.02065	-0.03429	4.84E-04
0.056961	0.017625	-0.02908	-0.02763	-0.04216	-7.36E-04	-0.0241	0.005677	-0.04498	-0.03702
0.05159	-0.01345	-0.02455	0.019344	-0.01504	0.020381	-0.00322	0.012669	-0.04078	-0.04237
0.017289	-0.04036	-0.01252	0.025449	0.004032	0.036266	-0.00613	0.007148	0.004595	0.00707
-0.01041	-0.03054	0.018658	0.012791	-0.00288	0.020435	-0.03218	-0.00327	0.022827	0.026739
0.007308	-0.01878	0.013744	-0.00417	-0.02338	0.005907	-0.03964	-3.51E-04	-0.04227	-0.0184
0.031536	-0.01125	-0.01141	0.012791	-0.02651	0.019218	-0.04391	-5.42E-04	-0.05317	-0.02105
0.005068	-0.06428	-0.05599	0.009357	-0.03406	0.008533	-0.05376	-0.02643	-0.03226	-0.00583
-0.00702	-0.06773	-0.05025	-0.01256	-0.05088	-0.01105	-0.05331	-0.01982	-0.02088	-0.01066
-0.01735	-0.05841	-0.00955	-0.02912	-0.03076	-0.03809	-0.02882	0.015429	-0.01619	0.014289
-0.01661	-0.04996	-0.00717	-0.0401	-0.01585	-0.02438	-0.00894	0.014652	-0.03014	0.004743
-0.00197	-0.01449	0.003409	-0.02707	-0.03698	-0.00126	-0.02555	-0.00878	-0.05668	-0.04433
0.001482	-0.03687	-5.68E-04	-0.00478	-0.02626	0.002332	-0.02688	0.007734	-0.01903	-0.01758
-0.00942	-0.03029	6.28E-04	-0.0106	0.013867	-0.01397	-0.01773	0.022526	0.040828	0.032426
-0.00467	-0.0123	0.006226	-0.04233	-0.00115	-0.05019	-0.03875	0.007201	-0.01129	0.001498
0.020507	-0.02973	-0.01841	-0.06592	-0.03313	-0.04835	-0.0447	-0.00702	-0.07221	-0.02271
-0.00202	-0.0593	-0.02131	-0.06929	-0.03207	-0.00203	-0.04785	-0.02846	-0.05393	-0.01702
-0.0413	-0.05974	0.002876	-0.0258	-0.01287	-0.02659	-0.0664	-0.02656	-0.01274	0.001102
-0.04265	-0.0231	-0.00293	-0.04065	0.004066	-0.03837	-0.05055	-0.00187	0.00889	0.020227
-0.01367	0.010572	0.006156	-0.05713	-0.03882	-0.02614	-0.04246	-0.0205	0.007552	0.011817
0.022629	-0.00396	0.015724	-0.06468	-0.04562	-0.01921	-0.035	-0.04053	-0.04379	0.008798
-0.00505	-0.01105	0.010214	-0.04372	-0.00649	-0.02929	-0.01877	-0.02217	-0.07704	-0.01049
-0.03838	0.017325	0.030557	-0.00813	0.010111	-0.04327	-0.01788	-0.00454	-0.03838	-0.01002
-0.05765	-0.01133	-0.00152	-0.04545	-0.01277	-0.04349	-0.01299	4.00E-04	-0.01858	-0.01038
-0.07442	-0.05113	-0.01783	-0.07205	-0.06571	-0.08014	-0.00346	-0.01497	-0.05418	-0.03631
-0.07099	-0.06644	0.005187	-0.03389	-0.04398	-0.06421	-0.01554	-0.04824	-0.04107	-0.01436
-0.0815	-0.06085	-0.00642	-0.02106	-0.013	-0.03636	-0.02529	-0.0602	-0.03671	-0.00305
-0.06059	-0.04224	-0.04623	-0.03898	-0.02865	-0.03827	-0.01694	-0.02057	-0.00993	-0.0158
-0.05853	-0.0291	-0.05817	-0.04964	-0.04792	-0.0497	-0.01848	-0.05274	-0.00849	-0.03975
-0.06291	-0.05327	-0.06117	-0.04286	-0.02039	-0.056	-0.01734	-0.0807	-0.03336	-0.04011
-0.03417	-0.02598	-0.03433	-0.02763	0.00796	-0.05778	-0.0031	-0.05093	-0.02065	8.79E-04
-0.03533	-0.00627	-0.03106	-0.03344	-0.01243	-0.02126	0.022359	-0.03069	0.009273	0.009218
-0.04528	-0.02365	-0.06878	-0.05206	-0.03793	0.012194	0.039643	-0.03365	0.014831	-0.03925
-0.01839	-0.01194	-0.0583	-0.04355	-0.03614	-0.00766	0.01379	-0.05205	-0.00846	-0.0547
-0.01734	0.003837	-0.0163	-0.00168	-0.02562	-0.04577	-0.02479	-0.07166	-0.03361	-0.05322
-0.04941	0.007803	-0.02876	-0.02776	-0.02998	-0.06745	-0.02519	-0.09057	-0.02539	-0.04302
-0.06649	0.017607	-0.04482	-0.04484	-0.07544	-0.08634	-0.0098	-0.09101	-0.01735	-0.02723
-0.05038	0.006443	-0.03111	-0.00808	-0.05697	-0.05905	-0.00543	-0.05441	-0.03481	-0.05411

-0.03357	-0.00212	-0.04055	0.002621	-0.03284	-0.00515	-0.00169	-0.03544	-0.03158	-0.05164
-0.03093	0.011076	-0.02945	-0.01445	-0.05041	-0.02532	6.34E-05	-0.04006	0.011877	-0.01654
-0.00584	0.02571	-0.01581	-0.01928	-0.06297	-0.04659	0.006155	-0.04046	0.018357	-0.01394
-0.00567	-0.00317	-0.02452	0.004919	-0.02971	-0.02667	-0.00186	-0.03674	-0.00633	-0.0397
0.015406	-0.00459	-0.03782	0.021206	0.00919	0.020938	-0.01453	-0.02744	-0.00574	0.004743
0.004342	0.005756	-0.03297	0.022041	0.002115	0.018664	-0.0354	-0.06061	0.011737	0.031209
-0.00744	0.022308	0.021701	0.043799	0.012693	0.004867	-0.09821	-0.08711	-8.18E-04	-0.0281
0.011382	0.008667	0.029093	0.023751	-0.00654	0.008865	-0.07543	-0.01197	0.028235	-0.02434
0.011874	-0.02847	-0.02549	0.001598	-0.01475	0.028123	-0.00361	0.02905	0.027944	-0.00877
0.014821	-0.01275	-0.02982	0.030103	-0.00185	0.011772	-0.04127	-0.01389	-4.77E-04	-0.00183
0.003237	0.03079	-6.02E-04	0.051132	-0.00584	0.007435	-0.05947	0.002012	0.039238	0.049313
-8.47E-04	0.021417	0.02482	0.043474	-0.01437	0.020543	-0.01824	0.039061	0.033398	0.013404
0.020758	-0.02244	0.002738	0.004117	-0.01266	0.039963	0.025472	0.034953	-0.0258	-0.03645
0.009454	-0.04907	-0.02697	-0.0229	0.021405	0.019969	-0.00635	0.004758	-0.03326	-0.01586
0.005293	-2.29E-04	0.013868	-0.01615	0.016718	-0.02297	-0.06037	-1.93E-04	-0.00647	0.022423
0.027725	0.05278	0.03522	0.004169	0.011732	-0.0063	-0.03913	0.026852	-0.01456	-0.01118
0.012825	0.008874	0.010826	-0.02167	0.029222	0.020453	-0.01046	0.029125	-0.00714	-0.01163
0.009611	-0.03616	-0.04402	-0.06078	0.015308	0.02986	0.00661	0.006935	0.005405	0.038076
0.009419	-0.01996	-0.03592	-0.05672	0.004066	-0.00686	0.004341	-0.0165	-0.02535	0.022675
0.006751	-0.00708	0.008067	-0.05864	-0.03251	-0.02725	-0.01506	0.00289	-0.02335	-0.00191
0.044157	0.013918	0.016203	-0.05339	-0.03221	-0.01414	-0.0082	0.008749	-0.03606	-0.01311
0.037259	0.039145	0.038569	-0.04158	0.004083	0.003831	-0.01543	0.014886	-0.01261	0.010463
-0.01721	0.026898	0.053154	-0.02463	0.002286	-0.00576	-0.00589	0.003119	0.021948	0.023561
0.001602	0.010294	0.026524	0.008881	0.013972	-0.04281	-0.00778	0.004669	0.019997	0.001911
0.028126	0.004111	-0.01017	-0.02109	0.017036	-0.03074	-0.01214	0.035124	-0.00107	-0.0015
0.015228	0.019747	-0.0092	-0.01715	0.024756	0.036805	0.017488	0.042919	0.002171	0.02809
0.017753	0.037111	-0.02478	-0.01184	0.030515	0.043163	0.047684	0.004387	-0.01171	0.05953
-0.02144	0.014986	-0.01111	0.013502	0.02463	-0.01745	0.035117	-0.01548	-0.02489	0.048163
-0.02346	0.026411	0.033242	0.024718	0.012011	-0.01569	0.005841	-0.01134	0.004388	0.024267
0.030286	0.054121	-0.00446	-0.01378	0.022943	-0.01248	0.02487	-0.00679	0.007812	0.010603
0.06913	0.060988	-0.03755	-0.00118	0.057359	-0.00669	0.046513	-0.01207	-0.01605	0.017453
0.031941	0.033399	-0.00774	0.060095	0.089946	0.052367	0.045249	-0.02546	0.00272	0.037141
-0.00496	0.033051	0.006572	0.079175	0.06296	0.045247	0.030139	0.014182	0.037655	0.007262
0.016489	0.058732	-0.01586	0.031399	0.005681	0.005404	0.030989	0.02611	0.033711	-0.03168
0.036607	0.076993	0.013039	0.010522	-0.01221	0.031531	0.066551	0.00333	0.030242	-0.01735
0.052922	0.050053	-6.20E-04	0.045942	0.039001	0.069791	0.053746	-6.99E-04	0.045726	0.03787
0.042701	0.026628	-0.01293	0.068277	0.043185	0.056789	0.025381	0.011502	0.041071	0.053131
0.041494	0.060384	0.012265	0.024919	-0.02839	0.013957	-0.00576	0.011412	0.010669	-0.01303
0.068208	0.077337	4.57E-04	0.00389	-4.56E-04	0.042201	0.005073	0.031034	-0.00623	-0.04444
0.087053	0.04078	0.021432	0.069308	0.057223	0.073462	0.032398	0.040286	0.02689	-0.0227
0.09503	0.032777	0.061854	0.092228	0.046955	0.083919	-0.0069	0.026759	0.060135	0.019904
0.06625	0.079957	0.095093	0.061962	-0.00575	0.066947	0.005457	0.037402	0.072895	0.063519
0.056922	0.064767	0.059751	0.064357	0.004032	0.06047	0.034221	0.08106	0.044289	-0.00708
0.089632	0.053546	0.038121	0.097704	0.052423	0.070635	0.009348	0.048859	0.020908	-0.04223
0.106774	0.044161	0.07522	0.121532	0.085351	0.068307	-0.02513	0.033706	0.055266	0.016686
0.07377	0.039405	0.089052	0.071255	0.048244	0.070937	-0.02428	0.056887	0.070401	0.062647
0.065334	0.034902	0.06645	0.026952	-0.00589	0.039645	0.023558	0.077184	0.05608	0.069833

0.093223	0.037055	0.05165	0.053761	-6.52E-05	0.045247	0.020693	0.055674	0.042668	0.015832
0.102203	0.029338	0.047837	0.076821	0.015924	0.058528	-0.01486	0.039998	0.055402	0.024811
0.097486	0.029719	0.063987	0.086273	0.062097	0.074151	0.008328	0.081756	0.085335	0.070518
0.091889	0.038904	0.071578	0.07841	0.100204	0.086729	0.054078	0.102017	0.061842	0.085759
0.11678	0.066738	0.070149	0.029474	0.038833	0.086395	0.08699	0.091909	0.024881	0.078657
0.126082	0.085511	0.0719	0.032551	0.026414	0.085582	0.048628	0.059523	0.013615	0.052357
0.102636	0.080018	0.111701	0.067449	0.07027	0.084604	0.032993	0.060365	0.02984	0.073836
0.051262	-0.01363	0.098103	0.04216	0.051867	0.066329	0.054488	0.098914	0.073844	0.106083
0.051513	-0.02406	0.033187	-0.01417	0.044745	0.028964	0.013417	0.088962	0.075647	0.111343
0.096801	0.043599	0.039654	-9.92E-04	0.03528	0.044791	-8.66E-04	0.03537	0.047873	0.066904
0.113367	0.005824	0.044359	-0.01377	0.018328	0.104944	0.080242	0.062457	0.035965	0.067725
0.070919	-0.00986	0.050574	0.055345	0.066075	0.094931	0.060369	0.068489	0.024935	0.086595
0.032623	0.00423	0.042471	0.085411	0.096135	0.037271	0.049824	0.053951	0.033711	0.082328
0.026886	0.014899	0.048066	0.050415	0.084194	0.053526	0.058472	0.034291	0.044988	0.023688
0.070597	0.062961	0.066489	0.035818	0.07968	0.030337	0.039813	0.013101	0.01706	0.009271
0.069431	0.040148	0.062189	0.075423	0.098879	0.005058	0.055936	0.043324	0.034523	0.049409
0.013177	0.024615	0.053173	0.069996	0.110579	0.034706	0.109368	0.093443	0.08519	0.060337
0.012296	0.060559	0.017411	0.036512	0.076892	-0.012	0.083175	0.108852	0.100177	0.046844
0.012684	0.037572	0.026578	0.009921	0.03447	-0.01397	0.033569	0.027298	0.060429	0.019151
-0.01589	0.011319	0.028618	-0.0336	0.026288	0.048085	0.062473	-0.01275	0.05399	0.031651
-0.0337	0.050414	0.027779	-0.00298	0.017248	0.009808	0.052986	0.023373	0.077926	0.032001
-0.04532	0.036502	-5.60E-05	0.034826	0.004409	-0.03109	0.03123	0.042958	0.063004	0.014076
-0.01151	0.0307	-0.03109	0.023933	-9.99E-04	-0.00728	0.044905	0.009712	-5.45E-04	-0.02544
0.042984	0.052168	-0.01831	0.012258	0.024217	0.013516	0.037572	-0.03029	-0.02958	0.002272
0.020435	0.072866	-0.0129	0.004343	0.038128	0.010965	-0.00387	-0.05104	0.023025	0.044787
0.009821	0.064295	-0.00566	0.00609	0.011382	-0.03048	0.004794	-0.04194	0.043817	0.024122
0.014839	0.027619	-0.04558	0.017598	1.39E-04	-0.00271	0.05248	-0.00945	0.074249	0.004431
0.033454	-0.00202	-0.07147	0.009163	-0.00701	0.027594	0.046609	0.01757	0.03758	-0.01271
0.004964	0.022897	-0.01999	0.020139	0.037442	0.055952	0.023576	-0.00348	0.011194	-0.01416
-0.02359	0.051347	0.029952	0.029456	0.040472	0.047283	0.052928	-0.01138	0.052467	0.034258
0.018056	0.053757	0.024603	0.040699	0.003295	0.042635	0.048647	-0.02014	0.040903	0.00167
0.027287	0.036318	-0.01981	0.039034	0.009069	0.053236	0.074579	0.014995	0.027744	-0.05199
0.030415	0.01662	-0.04294	0.016216	0.022138	0.049558	0.045804	0.039788	0.023565	-0.01061
0.045751	0.034645	-0.04005	0.007281	0.025314	0.050461	0.003507	0.009373	0.031212	0.024757
0.037166	0.0503	0.035628	0.049253	0.026378	0.0312	0.002102	-0.02471	0.030114	0.002444
0.032992	0.051901	0.058928	0.05562	0.025711	0.044753	0.006978	-0.02623	0.010791	-0.02784
0.022647	-0.01558	0.002927	0.015375	0.013744	0.069369	0.031359	0.043305	-0.01212	-0.01171
0.011733	-0.03361	-0.02294	0.003664	-0.00281	0.030814	-0.01604	0.025405	-7.50E-04	0.038169
0.018841	0.020315	0.010634	0.044333	-6.52E-05	0.036898	-0.01823	0.004616	-0.00336	0.029005
0.003547	0.029139	0.018444	0.070504	-0.00379	0.036061	0.041194	0.040113	0.029018	0.01601
0.006577	-0.00802	0.001399	0.024718	0.010198	0.013551	0.05678	0.070785	-5.96E-04	-0.00872
0.010557	-0.04107	-0.02436	-0.0354	0.003809	0.015444	-0.00639	0.035218	-0.03446	-0.01036
0.019825	-0.03494	-0.03974	-0.03682	-0.01325	0.006618	-0.06143	-0.00542	-0.01076	0.014271
0.009821	-0.02894	-0.02219	-0.01154	-0.05059	-0.00471	-0.09285	-0.01257	-0.02203	-0.00339
-0.02524	-0.0137	-3.90E-05	-0.01115	-0.04894	-2.74E-04	-0.05367	-0.00702	-0.03835	-0.02565
-0.01643	-0.05384	-0.03305	-0.04134	-0.03985	-0.00451	-2.47E-04	-0.01778	-0.05839	-0.01185
0.013778	-0.06899	-0.04866	-0.03642	-0.02698	-0.01021	-0.00562	0.004828	-0.02942	0.0062

0.028693	-0.03963	-0.03833	0.004239	-0.03817	-0.02268	-0.04064	0.013407	-0.02972	0.012257
0.018198	0.015425	-0.01538	0.005058	-0.05356	-0.01786	-0.05472	-0.01681	-0.06755	-0.03391
-0.00479	0.032558	0.020069	-0.03043	-0.02542	0.005387	-0.04135	-0.01022	-0.05841	-0.03192
-0.0218	-0.03605	-0.00551	-0.04985	0.006129	0.022827	9.26E-04	0.010499	-0.04957	-0.01736
-0.05196	-0.09814	-0.02899	-0.03715	0.021548	-0.00588	-0.00666	-0.01554	-0.06646	-0.01624
-0.02477	-0.07799	-0.00205	-0.01953	-0.01027	-0.04459	-0.03419	-0.00868	-0.0701	-0.01489
0.00467	-0.03172	-0.0135	-0.04643	-0.02166	-0.02227	-0.04641	-4.20E-04	-0.04188	-0.00563
-0.02595	0.005344	-0.02625	-0.05341	0.010459	-0.00309	-0.03943	-0.03004	-0.03591	0.023833
-0.0327	-0.00655	-0.03007	-0.04899	0.034489	-0.0165	0.001272	-0.02931	-0.04731	0.034072
-0.02605	-0.05324	-0.04168	-0.03841	-0.00137	-0.05639	-0.00899	-0.02808	-0.03896	0.0153
-0.01551	-0.02264	-0.01617	-0.03291	-0.01779	-0.06924	-0.03516	-0.03058	-0.04749	-0.0267
0.017325	0.04373	-0.00724	-0.03585	0.012011	-0.02569	-0.01175	-0.00899	-0.06817	-0.02558
-0.03487	0.023665	-0.01767	-0.04959	-0.01513	-0.0152	0.017901	-0.02933	-0.04213	0.015016
-0.07501	-0.03681	-0.0153	-0.06638	-0.03726	-0.07122	-7.80E-04	-0.02354	-0.00162	0.00707
-0.05728	-0.05162	-0.00726	-0.03507	-0.01828	-0.07301	-0.00474	-0.00157	8.36E-04	-0.02729
-0.02834	-0.04745	-0.02345	-0.03841	0.007527	-0.02278	0.00368	-0.00937	-0.03829	-0.03332
-0.01901	-0.00311	-0.02102	-0.02425	0.036	-0.03735	-0.00667	-0.04227	-0.05976	-0.00215
-0.04537	0.012922	-0.0469	-0.02259	0.03798	-0.04919	0.003212	-0.05979	-0.06213	0.022838
-0.05449	-0.04556	-0.0439	-0.02113	0.003124	-0.05392	-0.01735	-0.06221	-0.07123	-0.02739
-0.01186	-0.04617	-0.02523	-0.02381	0.002081	-0.04446	-0.00752	-0.01531	-0.01259	-0.02736
0.02004	0.011232	-0.05372	-0.07209	0.026089	-0.02177	0.007889	0.002275	-0.01173	-0.00712
-6.09E-05	0.033838	-0.04991	-0.06663	0.025368	-0.01346	-0.00766	-0.05028	-0.01952	0.010867
-0.01973	0.014618	-0.02281	-0.02551	0.018363	-0.01379	-0.0336	-0.09096	-0.01021	0.017257
-0.01123	0.024041	-0.03015	-0.02145	-0.00343	-0.04457	-0.0217	-0.07073	-0.01105	-0.01246
0.024598	0.048137	-0.00409	-0.01393	-0.00119	-0.0418	0.031823	-0.00988	0.002394	-0.02288
0.001327	0.045627	-0.01604	-0.01497	0.019642	-0.00531	0.034333	0.009712	0.010931	0.008903
-0.01188	0.001961	-0.06726	0.003333	0.026234	0.01311	0.029327	-0.00674	5.63E-04	0.014856
-0.0233	-0.01403	-0.03774	0.028736	0.002491	-0.00854	-0.00994	-0.05546	0.003235	-0.00967
-0.03268	0.004984	0.031677	0.001338	-0.00661	-0.03139	-0.01264	-0.05858	-0.0028	-0.03292
0.032217	0.031264	-0.01147	-0.0631	-0.00259	-0.01452	0.034221	-0.03147	0.00809	-0.01667
0.044422	0.059917	-0.03431	-0.02536	0.026288	0.011	0.072232	0.006953	0.029055	0.034128
-0.00657	0.026501	-0.00848	0.030306	0.035262	0.011298	0.035585	0.004864	0.008212	0.027578
-0.02317	0.005567	-0.01535	0.052746	0.005888	-0.0123	-0.01264	-0.04226	-0.01442	0.011482
0.015388	0.052149	0.005187	0.023823	0.012745	-0.00186	0.025509	-0.04919	-0.01503	-0.0397
0.045447	0.054793	-0.00327	0.002239	0.051064	0.029879	0.057566	-0.03022	-0.03204	-0.04131
0.039334	0.050053	-0.00397	0.031232	0.052845	0.044526	0.056996	-0.05278	1.19E-04	0.016686
-0.004	0.033509	0.011703	0.081272	0.025422	0.023169	0.008433	-0.07731	-0.01086	0.021629
-6.94E-04	0.027565	-0.0403	0.057901	-0.00592	-0.02099	-0.00818	-0.04396	-0.00314	0.023869
0.040122	0.047286	-0.05355	-4.41E-04	-0.0055	-0.0019	0.029954	-0.01012	0.020175	-0.01955
0.083886	0.063961	-0.03721	0.008934	0.041424	0.068467	0.091583	0.024517	0.026764	-0.01876
0.059996	0.041935	-0.01273	0.058276	0.046482	0.05841	0.059281	0.021534	0.066289	0.026538
0.006334	0.045608	0.01989	0.073497	-7.27E-04	0.037625	0.030342	0.017479	0.079623	0.041023
0.038604	0.07399	0.027342	0.046479	0.019482	0.045019	0.049921	0.019611	0.062689	0.025992
0.067968	0.083063	0.013427	0.036493	0.036166	0.034262	0.047684	-8.87E-05	0.067822	0.033239
0.050301	0.061964	0.016895	0.057546	0.028532	0.030539	0.046053	0.02005	0.093654	0.048048
0.029168	0.033326	0.064344	0.087559	0.040024	0.046064	0.023485	0.022011	0.082171	0.069571
0.010943	0.026375	0.05885	0.073109	0.021352	0.062204	0.033086	0.021846	0.041765	0.044882

0.013831	0.050281	0.033094	0.043551	0.012098	0.023621	0.062055	0.031991	0.046124	0.028254
0.030855	0.06017	0.030007	0.0781	0.06564	0.026484	0.07589	0.048253	0.08071	0.031209
0.053754	0.018137	0.002635	0.066724	0.048225	0.078167	0.063409	0.030546	0.09465	0.055442
0.019736	-0.02102	-0.02497	0.043226	-0.00281	0.056614	0.025071	0.039673	0.108242	0.078759
-0.01637	-0.02273	-0.02666	0.028313	-0.0247	0.030337	0.019646	0.016208	0.084029	0.026538
-0.00865	0.012573	-0.02636	0.008019	-0.01693	0.044109	0.029106	0.021057	0.055382	-0.02712
0.016969	0.023719	-0.03584	0.031362	0.021316	0.070937	0.053844	0.026128	0.065	-0.01753
0.020937	-3.64E-04	-0.01736	0.04694	0.030533	0.058939	0.026698	0.012993	0.07587	0.053305
-0.01068	0.004179	0.008903	0.01947	-0.00244	0.035337	-5.51E-06	0.040056	0.074147	0.058333
-0.00332	0.011615	-0.00164	3.36E-04	-0.03306	0.016882	0.027395	0.056012	0.029821	0.031209
0.020202	0.015987	-0.01375	0.023915	-0.04608	0.019218	0.010971	0.006846	-0.00406	-0.01388
0.027779	-0.00871	-0.01024	0.049408	-0.00818	0.052155	-0.01271	-0.02761	-0.01383	-0.05713
-0.03168	-0.05523	-0.00615	0.010823	-0.02483	0.028269	-0.0514	-0.01796	0.005544	-0.01091
-0.03245	-0.04459	-0.00853	-0.05876	-0.09147	-0.01387	-0.04957	0.013245	0.04812	0.033276
-0.00704	-0.04879	-0.04249	-0.06163	-0.10951	-0.02244	-0.07357	0.020874	0.039593	0.017935
-0.01083	-0.04983	-0.01865	-0.01162	-0.06718	-0.01361	-0.04794	-0.00789	0.008299	-0.01698
-0.02335	-0.05807	-0.00706	0.002361	-0.01999	0.010912	-0.0264	-0.03651	-0.02174	-0.05314
-0.07712	-0.07895	-0.03512	-0.04267	-0.0263	-0.00951	-0.02985	0.002644	-0.00106	-0.00517
-0.07182	-0.0963	-0.03913	-0.08489	-0.0608	-0.03196	-0.06316	-0.01299	-0.00687	0.034907
-0.04186	-0.07585	-0.04701	-0.06927	-0.06739	-0.01453	-0.08836	-0.03653	-0.05265	-0.0036
-0.05359	-0.09185	-0.06804	-0.04459	-0.07626	-0.00541	-0.0739	-0.03802	-0.03804	-0.03807
-0.08323	-0.11078	-0.0847	-0.06457	-0.06379	-0.03579	-0.06356	-0.02298	-0.01161	-0.02629
-0.07506	-0.08714	-0.0867	-0.10247	-0.04844	-0.09312	-0.09433	-0.02616	-0.01791	0.011588
-0.0616	-0.12212	-0.10604	-0.12975	-0.08533	-0.12526	-0.09454	-0.04456	-0.09308	-0.04454
-0.06175	-0.13254	-0.10558	-0.1234	-0.10522	-0.07817	-0.06279	-0.05716	-0.09829	-0.07066
-0.06853	-0.10377	-0.09262	-0.11279	-0.10205	-0.02313	-0.03437	-0.02946	-0.02637	-0.01186
-0.0961	-0.09478	-0.07813	-0.08536	-0.07666	-0.0867	-0.06758	-0.01923	-0.01792	0.001979
-0.11556	-0.108	-0.09101	-0.11446	-0.09294	-0.12003	-0.11605	-0.04218	-0.05883	-0.02167
-0.0755	-0.10952	-0.09738	-0.14036	-0.09557	-0.06725	-0.08223	-0.04891	-0.08676	-0.04457
-0.0478	-0.09106	-0.0778	-0.13666	-0.0987	-0.05592	-0.07377	-0.0475	-0.1086	-0.05577
-0.11232	-0.11753	-0.078	-0.09835	-0.07778	-0.07536	-0.10255	-0.06249	-0.09066	-0.05618
-0.11455	-0.12796	-0.0915	-0.09728	-0.07563	-0.09551	-0.08934	-0.08477	-0.11032	-0.07987
-0.08256	-0.12158	-0.10684	-0.12957	-0.11516	-0.12513	-0.08311	-0.11826	-0.12376	-0.1149
-0.06467	-0.11803	-0.08691	-0.1283	-0.1326	-0.13027	-0.0944	-0.11149	-0.1214	-0.10363
-0.09049	-0.12207	-0.11323	-0.1188	-0.12045	-0.10708	-0.11379	-0.09273	-0.14545	-0.10623
-0.12832	-0.13928	-0.12893	-0.1273	-0.10299	-0.11429	-0.14507	-0.1047	-0.14164	-0.13519
-0.11873	-0.12471	-0.13871	-0.14351	-0.11205	-0.12246	-0.12792	-0.12833	-0.12589	-0.11199
-0.09396	-0.11877	-0.13404	-0.15646	-0.1186	-0.09588	-0.11582	-0.13076	-0.13119	-0.10726
-0.0853	-0.11477	-0.09547	-0.15663	-0.10174	-0.06878	-0.11943	-0.13453	-0.14618	-0.09994
-0.09732	-0.11786	-0.08492	-0.13732	-0.08158	-0.08319	-0.12165	-0.13879	-0.13529	-0.09664
-0.08486	-0.08862	-0.10692	-0.11502	-0.08708	-0.13098	-0.12602	-0.12723	-0.10115	-0.07538
-0.04555	-0.06142	-0.09967	-0.12007	-0.0744	-0.13205	-0.11815	-0.12355	-0.10007	-0.06777
-0.02234	-0.06653	-0.0639	-0.11662	-0.04335	-0.09618	-0.09124	-0.11246	-0.12462	-0.08669
-0.02608	-0.04098	-0.03935	-0.09744	-0.05425	-0.09283	-0.0678	-0.07166	-0.11793	-0.06971
-0.03626	-0.0073	-0.00965	-0.06728	-0.06728	-0.1161	-0.0777	-0.07009	-0.10975	-0.05976
-0.03305	0.009445	-0.00608	-0.07519	-0.07897	-0.10771	-0.08058	-0.07098	-0.08067	-0.07293
0.020184	0.033582	0.003271	-0.04969	-0.01644	-0.05078	-0.05363	-0.08243	-0.08495	-0.06925

-0.0159	0.006684	0.025345	0.001442	0.040789	-0.0258	-0.0515	-0.06214	-0.09776	-0.07049
-0.05879	-0.01212	-0.00393	-0.01603	0.010581	-0.06905	-0.04994	-0.05438	-0.0933	-0.06366
-0.01554	0.00751	-0.01632	-0.02928	-0.03776	-0.06916	-0.02211	-0.05572	-0.07835	-0.05416
0.033676	0.024167	0.00906	-0.03226	-0.01591	-0.05114	-0.01702	-0.08595	-0.07597	-0.07411
0.025197	-7.03E-04	0.032744	-0.0017	0.029168	-0.01113	-0.00241	-0.0701	-0.06546	-0.0411
-0.02348	0.003342	0.043395	0.022949	0.029004	-0.01516	0.009207	0.005854	-0.01604	-0.00167
-0.02216	0.047248	0.034646	0.016844	0.035446	-0.00761	0.016771	0.021571	0.013404	0.022513
-0.0143	0.039553	-0.02652	-0.01061	0.017708	-0.01752	0.007643	-0.02618	-0.0092	-0.02696
-7.11E-04	-0.00253	-0.03341	-0.01029	0.013972	-0.03233	0.005474	-0.08644	-0.05521	-0.04958
9.33E-04	0.013673	0.025653	-0.01568	0.02499	-0.0205	-0.01661	-0.05989	-0.02651	-0.01216
-0.00151	0.060793	0.034591	-0.00745	0.047447	-0.00453	-4.88E-04	0.031428	0.016227	-0.01076
-0.00177	0.072165	0.020589	0.021406	0.030351	0.017309	0.045077	0.04317	0.021141	-2.87E-04
0.023026	0.057628	-0.01642	-0.01041	0.015325	0.021315	0.051878	-0.01613	0.012526	-0.00914
7.78E-04	0.040092	0.004254	-0.01311	0.02915	-0.0036	0.012458	-0.04048	0.018233	-0.00762
-0.05665	0.060676	0.058517	0.032625	0.044463	0.00714	0.016091	-0.01129	0.018446	0.036955
-0.02783	0.082674	0.04696	0.057881	0.027228	0.002797	0.055995	0.015031	0.026745	0.053887
0.014025	0.066817	-0.02825	0.023915	-0.00919	-0.03741	0.052616	-0.00435	0.020015	0.049006
0.027196	0.04433	-0.06635	-0.04197	-0.00766	-0.04567	0.025728	-0.04497	0.015874	0.019133
0.020094	0.023344	-0.03672	-0.03613	0.022871	-0.03689	-0.00121	-0.06112	-0.00363	0.027614
0.010662	0.032412	0.0188	0.014732	0.049995	-0.0269	0.005928	-0.02089	-0.00216	0.059452
0.067968	0.085119	0.044719	0.056739	0.020157	-0.00617	0.059498	0.034027	0.055964	0.053286
0.066828	0.078006	0.014804	0.059442	0.014376	0.017897	0.085414	0.045258	0.088815	0.030032
0.031462	0.042439	0.01514	0.050046	0.050796	0.032636	0.059874	0.018134	0.047815	0.025065
0.008702	0.05672	0.052691	0.058434	0.079272	0.021584	0.048204	0.022011	0.008873	0.036023
-0.03047	0.041413	0.030465	0.029308	0.060707	0.0039	0.033625	0.007396	0.033822	0.05412
-0.02006	0.034205	-0.00498	0.001425	0.015818	-0.00728	0.021869	0.028341	0.054473	0.037478
-8.81E-04	0.026195	-0.05174	-0.01992	-5.75E-04	0.01571	0.05215	0.037345	0.046371	0.012292
-0.01665	0.022683	-0.05263	-0.01515	0.019339	0.004971	0.022014	0.012723	0.013387	0.004933
7.44E-04	0.053278	0.018693	0.023696	0.044331	-0.00924	0.007468	0.019045	0.008229	0.039725
0.041965	0.079183	0.032984	0.039166	0.023894	0.001336	0.046359	0.038011	0.018144	0.025956
0.030616	0.063726	-0.00727	0.022313	-0.02367	0.023296	0.070101	0.038927	0.017238	0.013016
8.98E-04	0.042663	-0.00712	0.029198	0.024001	0.057902	0.062314	0.010839	0.018998	-0.00417
-0.02559	0.040985	0.040966	0.075423	0.090197	0.048237	0.051199	0.014724	0.007014	6.21E-04
-0.02737	0.043805	0.051265	0.078079	0.094105	0.03236	0.071927	0.040075	0.049207	0.056592
-0.01427	0.023522	-0.02297	0.035668	0.021102	0.042465	0.075685	0.066123	0.087478	0.088776
0.001087	0.010937	-0.04845	0.007738	-0.04473	-0.01574	0.037684	0.012957	0.045726	0.027414
-0.02659	0.006649	-0.04119	-0.0109	-0.01414	-0.02972	0.022069	-0.01068	0.022827	-0.01098
-0.04971	0.010746	-0.03652	-0.03162	-0.0057	-0.01724	0.022595	-0.01989	-0.01101	-0.02545
-0.02576	-0.00402	-0.02822	-2.68E-04	-0.03645	-0.0227	0.040343	-0.01955	-0.00365	-0.01477
0.007255	-0.03466	-0.01614	0.040623	-0.01875	0.001181	0.009559	-0.03944	0.01242	-0.01106
0.018663	-0.02146	-0.01119	0.028829	-0.01614	-0.0038	-0.04271	-0.05878	0.014179	-0.00972
0.027469	-0.01242	-0.0651	-0.01822	-0.02464	7.70E-04	-0.06325	-0.06963	0.007014	-0.00511
0.028875	0.003307	-0.05465	-0.02512	-0.03564	-0.00346	-0.06401	-0.07396	-0.02434	-0.01779
-0.01001	-0.02193	-0.00378	-0.02631	-0.04973	0.006914	-0.01963	-0.04164	-0.00135	-0.0246
-0.015	-0.06574	-0.07204	-0.02007	-0.01495	0.016011	-0.01358	-0.05253	-0.0206	-0.04416
-0.01066	-0.07639	-0.11368	-0.02162	-0.0113	0.007557	-0.05257	-0.05994	-0.057	-0.06821
-0.02693	-0.05049	-0.05032	-0.02554	-0.04596	-0.02775	-0.08101	-0.0612	-0.04722	-0.05987

-0.03905	-0.05911	-0.03136	-0.05349	-0.05337	-0.03732	-0.06277	-0.02453	-0.0129	-0.02967
-0.07493	-0.07772	-0.05413	-0.0683	-0.03832	-0.01009	-0.03271	0.016135	-0.01156	0.003117
-0.06762	-0.08094	-0.0582	-0.08269	-0.04534	-0.0211	-0.02503	0.013011	-0.01697	-0.01236
-0.05546	-0.06957	-0.05975	-0.07719	-0.04681	-0.01592	-0.03765	-0.01029	-0.00786	-0.01361
-0.0722	-0.05067	-0.07295	-0.08491	-0.04507	-0.03047	-0.07185	-0.03885	-0.02397	-0.03929
-0.08403	-0.04404	-0.0768	-0.0768	-0.00507	-0.03371	-0.06671	-0.0541	-0.05921	-0.04605
-0.09953	-0.08603	-0.09715	-0.06412	-0.00115	-0.0336	-0.06429	-0.09341	-0.07765	-0.01053
-0.09359	-0.07644	-0.08691	-0.08552	-0.03108	-0.06167	-0.07363	-0.06064	-0.04987	-0.00528
-0.08933	-0.04229	-0.03519	-0.05607	-0.03262	-0.11619	-0.04399	0.003083	-0.05754	-0.00947
-0.05903	-0.02882	-0.05515	-0.01668	-0.00486	-0.07545	-0.01496	-0.02866	-0.06952	-0.01384
-0.07577	-0.05995	-0.07498	-0.06543	-0.02472	-0.02053	-0.02713	-0.08277	-0.05726	-0.01978
-0.03678	-0.01946	-0.04089	-0.03647	-0.0261	-0.04811	-0.04377	-0.11804	-0.10561	-0.02539
0.117407	0.087621	0.022762	0.010221	0.043091	-0.00657	-0.01947	-0.09159	-0.10595	-0.04215
0.194878	0.118413	0.067347	0.061922	0.074889	0.042786	0.041365	-0.02435	-0.03263	-0.02976
0.226477	0.190764	0.151844	0.155295	0.10885	0.089348	0.083279	-0.0023	0.019568	0.02492
0.29805	0.304512	0.242999	0.227875	0.196167	0.154179	0.150174	0.088212	0.073642	0.06491
0.374533	0.362607	0.28415	0.28395	0.31079	0.245114	0.249067	0.226214	0.15325	0.126761
0.331901	0.349341	0.338759	0.379751	0.395744	0.354468	0.312744	0.255054	0.216213	0.229287
0.296523	0.362959	0.419794	0.404039	0.358153	0.360546	0.3346	0.248908	0.329602	0.341594
0.365189	0.387847	0.408705	0.373793	0.355371	0.370267	0.347026	0.336138	0.351069	0.319727
0.432889	0.387351	0.293151	0.297635	0.386916	0.393551	0.383914	0.398678	0.319663	0.28773
0.34773	0.363819	0.260044	0.321929	0.38136	0.35664	0.394511	0.350264	0.331427	0.383931
0.270109	0.375607	0.388637	0.376454	0.348266	0.299313	0.341884	0.289502	0.375431	0.43006
0.352829	0.408179	0.378307	0.292461	0.328599	0.319862	0.308446	0.328034	0.334032	0.373277
0.420411	0.408352	0.298453	0.254295	0.350279	0.360546	0.329529	0.358918	0.263564	0.310452
0.363565	0.377421	0.296689	0.32088	0.344306	0.296189	0.364021	0.331655	0.21158	0.284781
0.302217	0.34542	0.389684	0.36671	0.340716	0.281552	0.345038	0.325403	0.290076	0.320587
0.327986	0.349455	0.378838	0.257998	0.313125	0.307569	0.256033	0.358798	0.329056	0.338893
0.336927	0.358913	0.347229	0.212744	0.337119	0.332404	0.26794	0.347651	0.307101	0.328364
0.277405	0.328815	0.317659	0.278575	0.37798	0.325907	0.318949	0.316951	0.259671	0.322851
0.298084	0.34527	0.359684	0.328865	0.355872	0.260669	0.32111	0.306356	0.295767	0.359101
0.3828	0.336762	0.386676	0.351639	0.331797	0.296392	0.291599	0.342432	0.358364	0.350759
0.389336	0.362607	0.383028	0.299832	0.272395	0.336134	0.322483	0.35455	0.328148	0.274633
0.362105	0.356982	0.336158	0.307155	0.303279	0.346304	0.380548	0.354708	0.22718	0.225699
0.338492	0.284389	0.317765	0.369893	0.372256	0.306182	0.327363	0.379471	0.295498	0.363512
0.342728	0.268917	0.342165	0.403602	0.379524	0.320542	0.270953	0.359277	0.394674	0.403922
0.345336	0.320728	0.358083	0.308312	0.350012	0.409153	0.323535	0.356927	0.396073	0.389736
0.363644	0.363819	0.355906	0.28795	0.367597	0.405308	0.401708	0.381485	0.33326	0.336618
0.311935	0.310981	0.354049	0.330376	0.362712	0.37357	0.327546	0.37291	0.311551	0.348689
0.281673	0.334744	0.367022	0.339028	0.328635	0.345053	0.294815	0.336593	0.362627	0.356329
0.314822	0.387557	0.372668	0.356004	0.249467	0.345015	0.33252	0.323119	0.37052	0.351336
0.310918	0.316072	0.325832	0.237636	0.237853	0.344296	0.378154	0.357364	0.335618	0.278293
0.253781	0.207785	0.257966	0.221305	0.314245	0.308577	0.282621	0.295462	0.254738	0.26145
0.254058	0.179196	0.203934	0.270394	0.31173	0.247043	0.190808	0.267743	0.303553	0.344615
0.271866	0.223455	0.228069	0.282063	0.230829	0.213087	0.257185	0.264102	0.312636	0.358749
0.267979	0.244058	0.253777	0.254667	0.148843	0.216537	0.287571	0.273704	0.237487	0.2869
0.220692	0.155367	0.190056	0.203108	0.130309	0.233714	0.248426	0.229135	0.243809	0.246928

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.061844	0.019141	0.070954	0.08877	0.070304	0.090886	0.032217	0.016837	-0.04363	-0.05176
0.031907	0.046586	0.053735	0.093229	0.068862	0.065162	-0.01219	0.021734	-0.02944	-0.05157
0.038506	0.064979	0.056179	0.060703	0.039348	0.012684	-0.04804	-0.00591	-0.08001	-0.11608
0.021696	0.042423	0.035821	0.026439	0.070854	0.022234	-0.03884	-0.0399	-0.10635	-0.10893
-0.01114	-0.00906	0.035574	0.054346	0.070202	-0.02625	-0.04502	-0.07222	-0.05982	-0.07994
-0.00412	-0.02214	0.045472	0.02689	0.003228	-0.02575	-0.07216	-0.08574	-0.06395	-0.05222
-0.02481	-0.05703	-0.0137	-0.02704	-0.03718	-0.03228	-0.09907	-0.0864	-0.11518	-0.03849
-0.07379	-0.0593	-0.04233	-0.05092	-0.03998	-0.05596	-0.10669	-0.10685	-0.09366	-0.04192
-0.10413	-0.03391	7.85E-04	-0.02453	-0.03552	-0.08354	-0.07892	-0.12258	-0.08685	-0.06848
-0.132	-0.09252	-0.00704	-0.00337	-0.02141	-0.09903	-0.117	-0.14772	-0.09142	-0.08911
-0.10639	-0.10321	-0.01633	0.001288	-0.00838	-0.05204	-0.08069	-0.12868	-0.10922	-0.10808
-0.05692	-0.0427	-0.03404	-0.0268	-0.01752	-0.03714	-0.06718	-0.08271	-0.10945	-0.09403
-0.06994	-0.0343	-0.07387	-0.0555	-0.02042	-0.05092	-0.07852	-0.09269	-0.10074	-0.06562
-0.09257	-0.06046	-0.06819	-0.06165	-0.0481	-0.1019	-0.09582	-0.12732	-0.12469	-0.0885
-0.10758	-0.06987	-0.04112	-0.05076	-0.08406	-0.10499	-0.09757	-0.1024	-0.09198	-0.09775
-0.11899	-0.08835	-0.04236	-0.05175	-0.07295	-0.08888	-0.08443	-0.06397	-0.07786	-0.07907
-0.09192	-0.07757	-0.09201	-0.10251	-0.05342	-0.08152	-0.06764	-0.11645	-0.1023	-0.0562
-0.09865	-0.06886	-0.11441	-0.1172	-0.0754	-0.10359	-0.06001	-0.13654	-0.12684	-0.07293
-0.13889	-0.09494	-0.11363	-0.08236	-0.08599	-0.14552	-0.09395	-0.13979	-0.11353	-0.10787
-0.14912	-0.07398	-0.0816	-0.08941	-0.05764	-0.1137	-0.07944	-0.14152	-0.10504	-0.13218
-0.12659	-0.0621	-0.07347	-0.08866	-0.04588	-0.09325	-0.07056	-0.10697	-0.12058	-0.12657
-0.09534	-0.07612	-0.09692	-0.08754	-0.05905	-0.09818	-0.07709	-0.12256	-0.10828	-0.07456
-0.1223	-0.10893	-0.11137	-0.08337	-0.08899	-0.1281	-0.1054	-0.14451	-0.13801	-0.11134
-0.10817	-0.08401	-0.09006	-0.08541	-0.09889	-0.15111	-0.10493	-0.1381	-0.12862	-0.15499
-0.09279	-0.05734	-0.08669	-0.11625	-0.08809	-0.11656	-0.0687	-0.09133	-0.07823	-0.09991
-0.07645	-0.07474	-0.11936	-0.1117	-0.07038	-0.08028	-0.05063	-0.09422	-0.0792	-0.05359
-0.09129	-0.07509	-0.10326	-0.08058	-0.07439	-0.07366	-0.08069	-0.12618	-0.10306	-0.08273
-0.10327	-0.04128	-0.06093	-0.05237	-0.09454	-0.08217	-0.08519	-0.10203	-0.08497	-0.12533
-0.07809	-0.02449	-0.05133	-0.0466	-0.07755	-0.0845	-0.03414	-0.08226	-0.06447	-0.09641
-0.07085	-0.02577	-0.06665	-0.06106	-0.07191	-0.07787	-0.04533	-0.091	-0.06732	-0.04649
-0.08019	-0.07012	-0.09366	-0.05315	-0.05182	-0.04421	-0.08426	-0.10604	-0.06778	-0.02672
-0.08943	-0.05823	-0.06744	-0.02662	-0.07276	-0.07678	-0.08801	-0.113	-0.05897	-0.0665
-0.07312	-0.02764	-0.05773	-0.02405	-0.06827	-0.10382	-0.06025	-0.09425	-0.05689	-0.10132
-0.04792	-0.04393	-0.08794	-0.04358	-0.05529	-0.07376	-0.04226	-0.07423	-0.05467	-0.11528
-0.04354	-0.08173	-0.10118	-0.0522	-0.04471	-0.0403	-0.05257	-0.08779	-0.05791	-0.08859
-0.08741	-0.07338	-0.08909	-0.05122	-0.06047	-0.03379	-0.09922	-0.13031	-0.05382	-0.05936
-0.09296	-0.04519	-0.08778	-0.04897	-0.08769	-0.06318	-0.07258	-0.11991	-0.05062	-0.08219
-0.05294	-0.03123	-0.0864	-0.03088	-0.08899	-0.06315	-0.02256	-0.06931	-0.05528	-0.09723
-0.04089	-0.05759	-0.1023	-0.04109	-0.10012	-0.10179	-0.04966	-0.09946	-0.05925	-0.10609
-0.04507	-0.09564	-0.12348	-0.06013	-0.1157	-0.12027	-0.1023	-0.12359	-0.04078	-0.08416
-0.06999	-0.10963	-0.10677	-0.0617	-0.12538	-0.09516	-0.11568	-0.11685	-0.04775	-0.08447
-0.05205	-0.06404	-0.09695	-0.08754	-0.12806	-0.08864	-0.08193	-0.09085	-0.08897	-0.14078
-0.03549	-0.0507	-0.10205	-0.09335	-0.09219	-0.06748	-0.06964	-0.09657	-0.08758	-0.12285
-0.04715	-0.06549	-0.09527	-0.07426	-0.069	-0.04908	-0.11947	-0.114	-0.07781	-0.09675
-0.04195	-0.05653	-0.08728	-0.08165	-0.10144	-0.05896	-0.12725	-0.10852	-0.07428	-0.11536
-0.03847	-0.05406	-0.07184	-0.08158	-0.12986	-0.06779	-0.11639	-0.10954	-0.09047	-0.11336
-0.04942	-0.07168	-0.08503	-0.06005	-0.11251	-0.06095	-0.10732	-0.11408	-0.10355	-0.10933

-0.07882	-0.10815	-0.09163	-0.03292	-0.05864	-0.02902	-0.0822	-0.12322	-0.09081	-0.10227
-0.07767	-0.11975	-0.10314	-0.04838	-0.04966	-0.05792	-0.10045	-0.13858	-0.07172	-0.08149
-0.07527	-0.12079	-0.08765	-0.08974	-0.0964	-0.10237	-0.13866	-0.0979	-0.07798	-0.07564
-0.061	-0.07327	-0.06014	-0.05891	-0.09778	-0.07649	-0.13641	-0.0621	-0.10642	-0.10108
-0.04526	-0.06874	-0.05497	-0.00285	-0.055	-0.02214	-0.0624	-0.05401	-0.07567	-0.08827
-0.04139	-0.08148	-0.06493	-0.03319	-0.04422	-0.01933	-0.07863	-0.07258	-0.04088	-0.07834
-0.05551	-0.07503	-0.04832	-0.09897	-0.09898	-0.05499	-0.09915	-0.09053	-0.04631	-0.06181
-0.0398	-0.08632	-0.06543	-0.10837	-0.12631	-0.06543	-0.0798	-0.05989	-0.06901	-0.06406
-0.04715	-0.08831	-0.0672	-0.07768	-0.0851	-0.04668	-0.08306	-0.06048	-0.08195	-0.08357
-0.06225	-0.08614	-0.02677	-0.05092	-0.04065	-0.03176	-0.08978	-0.05624	-0.09131	-0.06689
-0.0764	-0.10514	-0.03517	-0.08488	-0.03613	-0.04964	-0.08011	-0.0325	-0.06971	-0.03409
-0.0658	-0.09676	-0.04582	-0.11803	-0.05097	-0.05392	-0.08849	-0.03295	-0.06465	-0.02681
-0.02494	-0.05937	-0.03811	-0.07937	-0.04679	-0.02967	-0.06792	-0.06085	-0.12833	-0.06018
-0.0359	-0.0781	-0.04552	-0.05528	-0.04245	-0.01589	-0.04943	-0.07068	-0.13821	-0.0593
-0.06861	-0.09781	-0.04642	-0.05125	-0.03102	-0.02986	-0.04613	-0.03659	-0.0757	-0.05859
-0.07355	-0.08076	-0.05043	-0.06649	-0.02149	-0.05508	-0.04811	-0.03572	-0.05007	-0.07423
-0.07196	-0.06753	-0.07272	-0.10525	-0.05752	-0.08995	-0.06109	-0.06749	-0.04709	-0.05689
-0.03657	-0.06719	-0.06378	-0.10304	-0.06188	-0.06757	-0.05829	-0.0622	-0.07576	-0.04979
-0.01679	-0.05343	-0.02479	-0.07872	-0.03303	-0.05119	-0.05879	-0.04668	-0.09356	-0.03556
-0.0604	-0.05167	-0.01526	-0.05384	3.61E-04	-0.07055	-0.06147	-0.03971	-0.07041	-0.01549
-0.05642	-0.03681	-0.02189	-0.02229	-0.00726	-0.07403	-0.04482	-0.03831	-0.03913	-0.03792
-0.02639	-0.02901	-0.02387	-0.03616	-0.01749	-0.05128	-0.03813	-0.08021	-0.06929	-0.05622
-0.06367	-0.06506	-0.03256	-0.04476	-0.01465	-0.01421	-0.05439	-0.08277	-0.09119	-0.03653
-0.08158	-0.05366	-0.02613	-0.02467	-0.02404	-0.03492	-0.06016	-0.0526	-0.09951	-0.0535
-0.07454	-0.03887	-0.04129	-0.00943	-0.02268	-0.05646	-0.03979	-0.03171	-0.09563	-0.06374
-0.07694	-0.02522	-0.07116	-0.04377	-0.05289	-0.1038	-0.03166	-0.04912	-0.06295	-0.0274
-0.05425	-0.01401	-0.05188	-0.07636	-0.04813	-0.08936	-0.03674	-0.0956	-0.06961	-0.02202
-0.03519	-0.01406	-0.01297	-0.03775	-0.02236	-0.05646	-0.02199	-0.0589	-0.04214	-0.01967
-0.05405	-0.01705	-0.02789	-0.01016	-0.01646	-0.05109	0.014557	-0.00607	0.016948	0.016718
-0.05909	-0.00792	-0.07725	-0.03011	-0.03615	-0.06033	0.009859	-0.04349	0.003998	-0.00101
-0.04275	-0.01655	-0.08567	-0.06975	-0.06667	-0.07363	-0.0296	-0.07887	-0.01348	-0.03365
-0.06715	-0.03893	-0.08125	-0.06017	-0.01557	-0.04549	-0.03661	-0.08656	-0.04864	-0.05159
-0.07537	-0.02113	-0.06121	-0.0544	0.010826	-0.0455	-0.03021	-0.09263	-0.0789	-0.04898
-0.05199	0.006387	-0.03128	-0.03282	-0.04595	-0.08599	-0.0352	-0.07414	-0.05989	-0.06248
-0.02123	-8.08E-04	-0.07101	-0.02589	-0.09072	-0.08824	-0.03601	-0.05104	-0.03455	-0.09174
-0.0121	-0.01852	-0.10619	-0.03065	-0.06806	-0.03543	-0.02141	-0.04298	-0.02933	-0.07257
-0.01878	-0.02291	-0.06819	0.007272	-0.02376	-0.0258	-0.03615	-0.07575	-0.01345	-0.0383
-0.01952	-0.00884	-0.01112	-0.01437	-0.0325	-0.02591	-0.03485	-0.09459	-0.04178	-0.03802
-0.02568	-0.02865	0.002701	-0.0541	-0.05931	-0.01369	-0.02762	-0.05548	-0.04138	-0.06644
-0.00393	-0.05446	-0.02969	-0.03535	-0.02926	-0.00617	-0.05569	-0.0523	-0.02116	-0.08201
0.003209	-0.03676	-0.03786	0.011907	-0.00175	-0.00991	-0.07097	-0.08374	-0.02221	-0.05178
-0.01373	-0.03328	-0.05307	-0.03799	-0.06202	-0.02993	-0.07744	-0.07429	-0.0146	-0.03566
-0.02591	-0.04079	-0.05178	-0.06668	-0.09069	-0.01721	-0.04115	-0.02419	-0.00349	-0.04129
-0.02982	-0.04421	-0.01972	-0.00302	-0.0667	0.009221	-0.00613	0.002558	-0.04013	-0.04241
-0.03342	-0.03348	-0.0156	0.003405	-0.05372	-0.01142	-0.05193	-0.03701	-0.07885	-0.04828
-0.02664	-0.05533	-0.04356	-0.00549	-0.04728	-0.01935	-0.0553	-0.05827	-0.05067	-0.03143
-0.00543	-0.07238	-0.02969	-0.02714	-0.0357	0.008298	-0.04239	-0.05052	-0.00455	-0.02056

-0.0252	-0.06749	0.005192	-0.06064	-0.02526	0.013348	-0.04568	-0.04285	-0.05891	-0.04314
-0.03657	-0.06083	-0.01759	-0.07456	-0.00415	-0.00896	-0.03251	-0.04482	-0.11391	-0.06887
-0.01509	-0.03747	-0.02405	-0.05384	-0.00405	-0.05282	-0.06855	-0.04895	-0.09485	-0.04863
0.015541	0.006669	-0.00187	0.004793	-0.00147	-0.03939	-0.06466	-3.41E-04	-0.02938	-0.01052
0.028653	-0.02093	-0.0201	-0.02348	-0.00928	0.011843	-0.02509	0.022499	-0.00917	6.81E-04
0.021498	-0.03814	-0.02225	-0.05162	-0.00152	0.003797	-0.04065	-0.01877	-0.03034	1.46E-04
-0.02431	-0.02948	-0.00939	-0.04429	0.015409	-0.00757	-0.03286	-0.03701	-0.03685	-6.03E-04
-0.02194	-0.02334	0.028711	-0.04084	0.002305	-0.02456	-0.01445	-0.00643	-0.02532	-0.00295
0.024081	0.026974	0.04361	-0.06303	-0.01479	-0.01093	-0.02988	0.021846	-0.00544	-0.01558
0.020454	0.016839	0.00537	-0.06873	-0.02261	-0.0062	-0.02192	0.010102	-0.03992	-0.01021
-0.02565	-0.01109	-0.03457	-0.06057	-0.02004	-0.07768	-0.01043	-0.04349	-0.04315	0.021453
-0.05384	-0.03024	-0.0143	-0.03237	-0.02261	-0.09989	-0.02789	-0.04657	-0.01513	0.023163
-0.01888	-0.0042	0.021789	-0.05073	-0.05243	-0.0841	-0.01335	-0.03316	-0.01077	-0.00284
0.036749	0.044808	0.026993	-0.02662	-0.00955	-0.0505	0.009665	-0.03147	-0.0326	-0.00925
0.029772	0.043576	-0.01355	0.021487	0.045108	-0.0013	0.022616	-0.03693	-0.02878	0.003244
-0.01873	-0.01127	-0.03866	0.017597	0.005238	0.018258	0.040217	-0.02515	0.009533	0.00382
-0.06317	-0.02733	-0.03874	-0.00569	-0.031	-0.02326	0.025933	-0.01327	0.028302	-0.01434
-0.082	0.004256	0.004679	0.01285	-0.0171	-0.02043	0.025165	-0.02401	0.007544	-0.00909
-0.02672	0.012055	0.00943	0.047436	-0.00118	-0.00381	0.010971	-0.03575	-0.02384	-0.02776
-0.01288	-0.0393	-0.03863	0.048536	0.030181	0.009613	-0.02463	-0.04682	-0.01128	-0.01914
-0.04784	-0.03772	-0.04352	0.020329	-0.00641	-0.02278	-0.05525	-0.03379	0.021663	-0.00461
-0.01366	0.02727	-0.00302	0.024297	-0.02722	-0.05484	-0.04507	-0.03338	0.005318	-0.07051
0.014884	0.026974	-0.00946	0.048839	8.81E-04	-0.01723	0.008099	-0.03366	-0.00145	-0.06738
0.025097	-0.00935	-0.05083	0.058678	0.019734	0.011074	0.018945	-0.02844	-0.00779	-0.01791
0.029166	0.019214	-0.01234	0.040298	0.003245	0.031455	-0.02328	-0.03624	-0.01323	0.008216
-0.00725	0.064354	0.030567	-0.00398	-0.02882	0.021776	-0.02331	-0.04489	0.003734	0.007471
-9.84E-04	0.034649	-0.00472	0.01369	-0.02621	0.00711	0.026775	8.30E-04	0.014474	-0.02751
0.031538	0.001716	-0.01942	0.0287	-0.02025	-0.00403	0.005299	-0.00913	0.03707	0.002813
0.04458	-0.01514	-0.03691	0.007929	-0.01886	0.005979	-0.03465	-0.05893	0.059126	0.037007
0.013679	-0.01656	-0.01132	0.015252	-0.03748	0.003867	-0.01837	-0.03751	0.039828	0.012364
0.017696	0.005611	5.40E-04	-0.00534	-0.07981	-0.01701	0.003384	0.00717	0.004877	-0.03353
0.047037	0.015448	-0.024	-0.00463	-0.07315	-0.00436	0.008925	8.48E-04	-0.01515	-0.06187
0.043347	-0.01962	-0.02682	0.025213	-0.00355	0.030502	-0.00695	-0.01957	-0.0081	-0.04009
0.001142	-0.02977	-0.00895	0.010026	0.019553	0.017986	-0.0608	-0.01651	-0.0015	0.012731
-0.00427	0.006105	0.028748	-0.01339	-0.03686	-0.03155	-0.06337	0.002773	-0.02363	-0.02786
0.014104	0.007288	0.010272	-0.02758	-0.06953	-0.00193	-0.01408	0.013219	-0.02394	-0.07684
0.017696	-0.0177	0.015031	0.006634	-0.03487	0.028527	-0.03733	-0.01916	-0.02634	-0.06543
0.018607	-0.02685	0.010541	-0.00369	0.023462	0.013079	-0.09188	-0.03001	0.002296	-0.02766
-0.0074	-0.02063	0.004555	-0.03867	0.006202	-0.00246	-0.06971	-0.00819	0.028488	-0.00827
-0.01051	-0.04066	0.00521	-0.01344	-0.02322	0.005574	-0.04395	-0.00252	-0.00818	-7.82E-04
0.023864	-0.04437	-0.01891	-0.01234	-0.03092	0.026616	-0.05942	-0.00739	-0.01633	-0.02129
0.053892	-0.02587	-0.02468	0.006513	-0.02159	0.027672	-0.0633	3.12E-05	0.023074	-0.00291
0.042779	-0.02721	-0.02262	-0.01469	-0.03402	0.007376	-0.06728	0.007874	-0.00608	-0.01986
0.04076	0.010644	0.012501	-0.02192	-0.03089	-0.00251	-0.04696	0.018149	-0.01767	-0.04105
0.037103	0.028866	0.041274	-0.01941	-0.03385	0.021868	-0.01932	9.19E-04	-0.01703	0.00249
0.047458	0.026345	0.054886	-0.0178	-0.04797	0.009452	-0.04692	-0.01591	-0.03801	-0.01589
0.023882	-0.00831	0.048007	-0.01463	-0.03584	-0.0167	-0.06153	0.013054	0.003506	-0.03699

-0.02494	-0.04031	0.020503	0.002362	0.024725	-0.03514	-0.05799	0.008977	0.00123	-0.01344
-0.04139	-0.04943	0.00592	-0.03645	0.006167	-0.02173	-0.02699	0.012122	-0.03736	-0.0241
-0.01472	-0.04687	0.026547	-0.04924	-0.01266	0.02361	-0.01663	0.006755	-0.0388	-0.04296
0.013856	-0.03341	0.037783	-0.03866	-0.01939	0.0075	-0.03925	-0.01562	-0.0578	-0.02666
-0.02738	-0.05954	0.021109	-0.03769	-1.58E-04	-0.02063	-0.05335	0.001204	-0.03718	-0.01264
-0.04451	-0.08409	-0.00438	-0.04713	0.006852	0.011735	-0.02051	0.035704	0.009516	0.014628
-0.00744	-0.05211	-0.00307	-0.01858	-0.00506	0.029457	0.0174	0.027518	0.003611	0.037979
0.007566	-0.05095	0.004025	-0.00564	-0.01765	0.008617	-0.0103	-0.00551	-0.00757	0.012162
0.004593	-0.05429	0.008536	0.006014	-0.01143	-0.00191	-0.05084	0.00708	-0.03886	-0.02204
-0.01389	-0.03502	0.015956	-0.00729	-0.00157	-0.02272	-0.08596	0.005765	-0.02203	-0.00578
-0.01794	-0.03668	0.018817	-0.03221	-0.03176	-0.05227	-0.09408	-0.0156	-0.01227	0.014166
0.020436	-0.0272	-0.00855	-0.05516	-0.06405	-0.0289	-0.05586	-0.04871	-0.04099	-0.00263
0.048626	-0.02715	0.003018	-0.04576	-0.04311	0.004289	-0.03595	-0.02915	-0.0395	-0.00192
-0.00937	-0.04831	0.017849	-0.00445	0.023389	-0.00457	-0.06469	-0.00814	-0.02783	0.001773
-0.03902	-0.03664	0.01543	-0.01377	8.46E-04	-0.06333	-0.06573	-0.00371	-0.01581	0.00838
-0.00804	-0.02707	0.002015	-0.04941	-0.05206	-0.05863	-0.01313	-0.00621	-0.00324	0.008416
-0.02119	-0.02852	0.009323	-0.04798	-0.06477	-0.05996	-0.03074	-0.03547	-0.04094	-0.00785
-0.02177	-0.00581	0.018945	-0.01216	-0.01727	-0.02877	-0.03224	-0.03079	-0.05634	0.012896
0.015701	-0.0207	-0.01033	0.008777	0.026101	-0.01369	-0.01868	-0.00549	-0.02007	0.04319
-0.02447	-0.06125	-0.03302	-0.04061	-0.01338	-0.03993	-0.02026	-0.01569	0.013162	0.041381
-0.04982	-0.06743	-0.01843	-0.07086	-0.03989	-0.07281	-0.01191	-0.03165	-0.02673	-0.01141
-0.01346	-0.05249	0.013999	-0.0344	0.003961	-0.07023	-0.00506	-0.01206	-0.05039	-0.01132
0.002985	-0.04286	0.03807	0.016732	0.053189	-0.01064	0.005456	0.014354	-0.03359	0.027057
-0.02969	-0.04797	0.021937	0.046811	0.023262	-0.03705	0.00731	0.034665	0.014276	0.043525
-0.0215	-0.02507	-0.0124	-0.02779	-0.04491	-0.07579	-0.0077	0.008796	0.025837	0.036502
-0.03679	-0.01596	-0.0258	-0.07785	-0.02658	-0.0688	-0.0246	-0.05671	-0.0543	0.015181
-0.02759	-0.02346	-0.00205	-0.05695	0.019372	-0.03662	-0.01901	-0.0645	-0.06837	0.009327
-0.03185	-0.03151	0.007645	-0.04291	0.016019	-0.03804	-0.02076	-0.03016	-0.03766	0.00878
-0.04064	-0.02941	-0.0356	-0.05586	-0.0108	-0.05527	-0.01727	-0.01047	-0.02275	-0.01297
-0.01138	0.01295	-0.03344	-0.064	-0.02921	-0.05413	0.005508	-0.02189	-0.01271	-0.04647
-0.00728	0.011697	-0.02648	-0.07495	-0.01062	-0.06129	-0.00959	-0.03623	-0.01745	-0.05087
-0.0544	-0.02571	-0.02601	-0.04997	0.017098	-0.04294	-0.03881	-0.06139	-0.05333	-0.02195
-0.07425	-0.02458	0.003972	0.026727	0.015248	-0.03984	0.003106	-0.06386	-0.07039	-0.02708
-0.03049	-0.00471	-0.04732	0.007566	-0.01097	-0.02973	0.022452	-0.02897	-0.02462	-0.03531
-0.01953	0.011537	-0.08954	-0.04387	-0.00612	-0.00196	-0.00766	-0.03996	0.011782	-0.04639
-0.03701	0.012431	-0.06877	-0.01837	0.013192	-0.02178	-0.01159	-0.0627	-0.01471	-0.06063
-0.03039	0.025237	-0.05557	-0.00503	-0.00288	-0.05219	0.0071	-0.0676	-0.02568	-0.0104
-0.03345	0.037863	-0.03986	-0.01394	-0.0253	-0.04288	0.021836	-0.05033	0.009444	0.031447
-0.03106	0.003309	-0.03397	0.015077	-0.01277	-0.01848	0.016629	-0.03354	0.011961	-0.00982
-0.02648	-0.02725	-0.04984	0.007497	-0.00916	-0.01576	-0.00712	-0.0319	-0.01011	-0.01497
-0.07157	-0.02733	-0.07291	-0.03096	-0.00639	-0.05355	-0.02131	-0.04189	0.012677	-0.00727
-0.0914	-0.04228	-0.04902	-0.01037	-0.00128	-0.03139	0.025878	-0.03665	0.026688	-0.01736
-0.06973	-0.03457	-0.03277	0.004553	-0.0469	-0.0057	0.050278	-0.03864	0.010139	-0.02639
-0.02577	-0.02782	-0.07184	-0.01163	-0.04968	-0.00135	0.015895	-0.02983	-0.0014	-0.06141
-0.03625	-0.03327	-0.09205	-0.01995	-0.02217	0.008582	-0.01835	-0.02528	0.004719	-0.02097
-0.0499	-0.02031	-0.03557	0.014637	-0.03356	0.002604	-0.00257	-0.03525	0.007509	-0.00128
-0.03861	-0.00537	0.009609	0.053347	-0.04379	-0.02367	0.006259	-0.01354	0.028674	-0.02708

-0.01499	-0.02474	-0.01764	0.020151	-0.03856	-0.03497	0.005753	0.01952	0.020347	-0.03535
-0.00495	-0.02595	-0.03824	0.016344	0.00909	0.00306	-0.01244	-0.01168	-0.03587	-0.03462
-0.00725	0.015773	-0.00356	0.051871	0.005623	0.004341	-0.06058	-0.0611	-0.06019	-0.02091
-0.02202	0.023251	0.016174	0.058444	-0.025	0.020096	-0.02789	-0.02667	-0.02255	-0.0329
0.011808	0.010056	0.014795	0.006513	-0.03255	0.028137	0.005159	-0.01082	-0.00798	-0.03872
0.016056	-0.02149	-0.00743	-0.01689	-0.00513	0.012326	0.009101	0.006701	-0.02724	-0.0281
-0.00882	-0.08207	-0.0483	-0.01297	0.005728	-0.00127	-0.00501	0.011102	-0.02771	-0.01825
-0.00175	-0.06497	-0.01952	-0.02305	-0.05346	-0.01792	-0.0546	-0.00988	-0.04619	-0.05523
-0.00903	-0.01488	0.002261	-0.02586	-0.04907	-0.02007	-0.09112	-0.01346	-0.04806	-0.0588
-0.01675	-0.01369	-0.01462	-0.05792	-0.04238	-0.00988	-0.07214	-0.01375	-0.0134	-0.01288
0.005026	-0.03235	-0.03697	-0.04539	-0.03777	-0.02108	-0.05963	-0.05879	-0.00926	0.011245
0.030967	-0.04177	-0.027	-0.02547	-0.04811	-0.04459	-0.06569	-0.06644	-0.0201	0.030603
0.02076	-0.04471	0.005051	-0.02405	-0.04186	-0.04335	-0.0574	-0.03472	-0.04292	-0.01036
-0.00676	-0.0129	0.028019	-0.00866	-0.00602	-0.00815	-0.02865	-0.01712	-0.05457	-0.03442
-0.01505	-0.0047	-0.00529	-0.04126	-0.01197	-0.01696	-0.00412	-0.01505	-0.04348	-0.01399
-0.0569	-0.03798	-0.02199	-0.04086	0.004957	-0.02473	-0.01035	-0.04224	-0.03526	-0.00167
-0.059	-0.03903	0.02443	-0.01591	-0.00518	-0.04137	-0.03153	-0.0234	-0.01559	-0.03138
5.58E-04	0.005946	0.0102	-0.04109	-0.0147	-0.06704	-0.04078	0.013731	-0.00777	-0.03903
0.010225	0.036537	-0.0317	-0.01269	0.031593	-0.02563	-0.01731	-3.94E-04	-0.02282	-0.00187
-0.02991	0.005752	-0.03415	0.015147	0.058364	0.011932	0.03129	-0.03252	-0.02922	0.016236
-0.01334	0.019123	-0.00569	0.015024	0.031761	-0.01081	0.023088	-0.04261	-0.02739	-0.00695
0.01329	0.037181	0.016483	-0.00227	0.024688	-0.04373	0.021872	-0.00486	0.002506	-0.04272
0.00487	0.034253	-0.04032	-0.02456	0.020695	-0.03801	0.036827	0.022145	0.012337	-0.02283
-0.01853	0.018016	-0.06852	-0.01988	0.005641	-0.03176	0.03632	-0.02873	0.001649	0.033388
-0.03649	-0.02146	-0.04513	-0.002	-0.03402	-0.04919	-0.00805	-0.07502	-0.01189	0.053117
-0.03256	-0.02844	-0.00781	0.01376	-0.02981	-0.0399	-0.03383	-0.06999	0.009996	0.011813
0.01875	0.010734	0.003265	0.017544	0.003943	-0.03365	-0.00885	-0.05836	-0.01681	-0.05942
0.044865	0.030934	-0.01425	0.022165	0.032618	-0.0149	0.003141	-0.0712	-0.01594	-0.04136
0.022598	0.02961	-0.00893	0.020186	0.019625	0.021758	-0.02959	-0.06122	0.052945	-0.00199
-0.0266	0.025569	0.028636	0.051144	-0.01293	0.006951	-0.02294	-0.03891	0.055728	-0.01409
-0.01557	0.034027	0.031865	0.070258	-0.00665	-0.00697	0.033966	0.025199	0.035121	-0.01389
0.032608	0.029145	-0.01833	0.034212	-4.35E-04	-8.42E-05	0.033593	0.010883	0.023442	-0.00599
0.042798	0.016333	-0.02309	0.0185	0.013709	0.026154	-0.01254	-0.01435	0.043508	0.016051
0.022165	0.024906	0.024282	0.04138	0.012301	0.029699	-0.0053	0.014464	0.060565	-0.00279
0.029313	0.038566	0.039142	0.03368	-0.04038	0.025304	0.011307	0.032021	0.017999	-0.02366
0.073665	0.033915	0.023172	0.052752	-0.00791	0.054159	-0.03238	-0.01687	-0.02742	-0.01676
0.075395	0.020015	0.016774	0.072961	0.035088	0.055462	-0.05989	-0.03257	8.11E-04	-0.0153
0.027027	-0.00842	0.037764	0.066739	0.037533	0.037011	-0.05609	0.014354	0.064952	0.035804
0.015665	-0.00564	0.039544	0.0234	0.021367	0.025433	-0.02336	0.034492	0.056223	0.063153
0.042099	0.004467	0.007894	0.005154	-0.02681	0.030296	0.011148	0.029735	-0.03627	-0.01748
0.061943	-0.00458	0.014578	0.024961	-0.01901	0.051426	0.008697	0.041913	-0.02801	-0.02888
0.046885	-0.01497	0.037745	0.056332	0.037137	0.046613	0.010724	0.082759	0.015447	0.028426
-0.02489	-0.02286	0.0347	0.051469	0.046762	0.008741	-0.00986	0.086706	0.014816	0.034623
0.01659	0.010484	0.055422	0.020542	-0.00213	-6.93E-04	-0.00805	0.050517	0.04021	0.057332
0.092999	0.039785	0.054925	0.001629	-0.00804	0.03546	0.012742	0.008018	0.004701	0.034256
0.087639	0.045542	0.071139	0.009818	0.050362	0.080266	0.016969	0.014556	0.013539	0.03759
0.070871	0.040147	0.092985	0.065336	0.081662	0.073967	0.045869	0.06917	0.063478	0.068907

0.036823	0.027826	0.087232	0.073483	0.080806	0.012416	0.055339	0.050258	0.048075	0.06828
0.055447	0.016188	0.049613	0.031192	0.067526	0.018821	0.065721	0.03971	0.028488	0.048684
0.06135	0.006458	0.05322	0.003182	0.073449	0.066276	0.057557	0.033437	-0.01074	0.030431
0.027483	-0.01711	0.064914	0.043759	0.082456	0.076596	0.027803	0.05418	0.003085	0.050224
0.022147	0.036499	0.096928	0.102223	0.095109	0.03777	0.055476	0.103784	0.058389	0.07134
0.046751	0.084313	0.076598	0.044623	0.051997	0.005433	0.063222	0.093188	0.008946	0.048744
0.075375	0.05216	0.064305	0.025573	0.072343	0.039597	0.038688	0.04203	0.005653	0.049643
0.081867	0.057608	0.087104	0.042783	0.099504	0.063265	0.02122	-0.00252	0.014816	0.075205
0.061291	0.072807	0.079048	0.029317	0.083965	0.037352	0.053698	-0.00823	0.008396	0.051026
0.012407	0.052278	0.084437	0.064902	0.06567	0.011485	0.078686	0.029963	0.032842	0.045522
0.041005	0.061318	0.066809	0.06581	0.033795	0.008369	0.045161	0.031773	0.051198	0.0172
0.047611	0.073137	0.049221	0.034837	0.043881	0.013276	-0.00459	-0.04024	0.034498	4.13E-04
0.018411	0.07217	0.075346	0.064922	0.074516	0.023408	0.005316	-0.04132	0.041588	0.034797
-0.01191	0.053535	0.056279	0.10317	0.049275	0.016157	0.058917	0.038022	0.085511	0.064352
-0.00818	0.040185	-0.02156	0.069381	0.020949	0.008422	0.046003	0.073373	0.094466	0.04089
0.030764	0.068102	-0.05316	7.10E-04	-0.01324	0.03529	0.025074	-0.00128	0.062471	-0.0243
-0.01029	0.055943	-0.00975	0.022255	-6.94E-04	0.051309	0.046023	-0.01717	0.055036	-0.01471
-0.03328	0.063326	0.063858	0.073383	0.033664	0.023334	0.051286	0.016892	0.071102	0.011557
0.009769	0.050789	0.056159	0.090063	0.020477	0.023316	0.049042	0.043557	0.072911	0.017442
0.038469	-0.02661	-0.00311	0.080599	0.00459	0.023445	0.041069	0.028672	0.03497	0.010495
0.010682	-0.01193	-0.00406	0.046093	0.00629	0.024585	0.027528	0.019724	0.007137	0.04479
-0.0048	0.046993	-0.01695	0.002636	0.020296	0.002534	0.030328	0.023023	0.03599	0.068594
0.015505	0.05165	0.001645	0.003148	-0.02253	-0.02153	0.001028	0.02381	0.038494	0.01772
0.067594	0.081807	0.031262	0.042016	-0.03152	0.041163	-0.00598	0.015235	-0.01708	-0.02796
0.051724	0.046799	0.04454	0.067334	0.027315	0.08494	0.025586	0.051096	0.002541	-0.00876
0.016483	-7.86E-05	0.004007	0.0694	0.033047	0.045819	0.012725	0.065029	0.040077	0.018092
0.040308	0.04991	0.010003	0.075943	0.021512	0.014624	0.011962	0.039613	0.068423	0.038057
0.047076	0.025735	0.007377	0.061524	-0.0335	0.025821	-0.00549	0.019464	0.037715	-0.0112
0.035073	-0.02961	-5.46E-04	0.02471	-0.01324	0.0464	-0.03931	0.02306	-0.01463	-0.0563
0.066694	-0.00394	0.017849	0.006151	0.004712	0.032017	-0.03126	0.036978	-0.02096	-0.04201
0.041683	-0.02533	-0.00156	0.039926	0.00789	0.02955	-0.00896	0.013237	0.005282	0.028941
0.012425	-0.02726	0.004449	0.06664	0.030701	0.055759	-0.03283	0.007639	0.049595	0.018967
0.025497	0.030636	0.06129	0.038959	0.00501	0.0625	-0.02567	0.010938	0.04199	-0.00797
0.02267	-0.00657	0.052192	0.039257	0.033608	0.093706	0.05146	0.043067	-0.01337	0.019658
0.021894	-0.02795	-0.01297	0.030299	0.047109	0.043408	0.055986	0.014262	-0.00784	0.047827
0.04259	0.008298	-0.02101	0.003336	0.010099	-0.00957	-0.01435	0.012688	0.031024	0.057515
0.042061	0.038452	0.019201	-0.01132	0.012301	0.018621	-0.03512	0.009612	-0.0103	0.028865
0.042099	0.026696	0.014433	-0.04217	0.003594	0.046691	0.002794	0.0051	-0.0243	0.034044
0.045512	0.008901	0.024523	-0.01214	0.005097	0.025692	0.026098	-0.00969	-0.03244	0.060315
0.041985	-0.00643	0.050792	0.018057	0.012016	-0.01982	0.012086	-0.00858	-0.01517	0.041675
0.058202	0.011894	0.030698	0.021879	0.010329	-0.02716	-0.00564	0.030648	0.023442	0.004126
0.051627	0.006616	0.013114	-0.03375	0.021203	0.019513	0.003957	0.038856	-0.01653	-0.00128
0.024444	0.003151	-0.01504	-0.06097	0.026818	0.057981	0.04331	-0.00753	-0.01606	0.033466
-0.00141	0.002818	0.002138	-0.01551	0.029199	0.022014	0.039537	-0.04955	-0.01404	0.036288
0.00352	0.00452	0.035593	-0.00381	0.004677	-0.04453	-0.03028	-0.05094	0.012319	-0.00215
0.0398	0.034347	0.041987	-0.0018	-0.01462	-0.06431	-0.04468	-0.05001	-3.04E-04	-0.03571
0.028379	0.02371	0.035498	0.00168	0.017314	-0.03985	-0.00436	-0.02922	-0.02816	-0.01556

-0.02179	-0.012	-0.01304	-0.02973	0.035463	-0.00239	0.024636	-0.05632	-0.01968	0.001952
-0.06379	-0.06676	-0.05625	-0.0492	0.016145	-0.01391	-0.01105	-0.08725	-0.02209	0.010038
-0.02407	-0.05467	-0.04714	-0.05482	-0.02407	-0.10842	-0.11235	-0.07141	-0.0046	0.003352
0.019539	-0.00271	-0.00105	-0.03551	-0.02722	-0.09121	-0.0511	-0.00268	0.01878	0.010239
-6.59E-04	-0.00416	-0.02146	-0.02734	0.008702	-0.01433	0.02887	-0.00922	-0.01885	-0.00563
-0.05786	-0.05975	-0.05895	-0.04504	-0.00106	-0.02045	0.007661	-0.07157	-0.04723	0.004883
-0.05897	-0.06434	-0.05496	-0.04044	-0.03052	-0.05952	-0.00906	-0.03838	-0.0451	0.015607
-0.01562	-0.01237	-0.03232	-0.03477	-0.02916	-0.056	0.012423	-0.01608	-0.01118	-0.01918
7.12E-04	0.011429	-0.00512	-0.03713	-0.01382	-0.00505	0.029995	-0.04005	-2.87E-04	-0.02575
-0.02786	-0.00831	-0.0198	-7.50E-04	0.011571	-0.0055	0.002066	-0.07493	0.005617	0.00889
-0.04265	-0.03175	-0.0448	-6.32E-04	0.008719	-0.03211	-0.03084	-0.06792	0.016097	0.012621
-0.03445	-0.0101	-0.02755	-0.02308	-0.02709	-0.05295	-0.02839	-0.03803	0.023993	-0.01599
-0.01927	0.012628	-0.03206	-0.04719	-0.09007	-0.0906	-0.01129	-0.04832	-0.01032	-0.03025
-0.02589	0.030374	-0.03758	-0.01489	-0.04964	-0.07631	-0.02636	-0.06345	-0.03134	-0.06732
-0.04194	0.032769	-0.01216	0.018465	0.008684	0.003288	-0.01699	-0.07545	-0.04554	-0.02164
-0.05725	0.024464	-0.03697	0.007981	-0.01848	-0.01592	-0.01156	-0.04097	-0.00798	-0.00236
-0.04621	0.014728	-0.03733	-0.01537	-0.01358	-0.01298	0.017292	0.006557	-0.01828	-0.0686
-0.00119	0.016802	-0.03194	-0.01369	-0.00781	0.005415	0.057833	0.016855	-0.03014	-0.07796
0.005946	0.022517	-0.0434	0.021487	0.016361	0.006421	0.024089	-0.04017	0.030314	0.008926
-0.02953	0.004362	-0.00102	0.047663	-0.00621	-0.00555	-0.04709	-0.09028	0.021351	0.048445
-0.04529	-9.82E-04	0.005157	0.022004	-0.01882	-0.03793	-0.05888	-0.08536	-0.01441	0.002131
-0.01815	0.009683	-0.02458	0.005842	5.34E-04	-0.01399	-0.01176	-0.03057	-0.01043	-0.0405
-0.0059	0.014746	-0.03893	0.030408	0.006044	0.018785	0.007415	-0.03255	-0.00178	-0.05746
0.022129	0.012843	-0.03681	0.050686	-1.76E-04	0.010307	-0.03625	-0.06793	-0.00337	-0.03879
0.008159	0.012144	-0.03938	0.029862	-0.02433	-0.01471	-0.06919	-0.04098	-0.00159	-0.01666
-0.01669	0.020088	-0.0282	-0.01107	-0.04912	-0.00921	-0.03566	-0.01838	-0.01133	-0.01056
0.016501	0.020434	-0.02097	0.01093	-0.03345	0.017279	0.023597	-0.02905	-0.04083	-0.00822
0.037122	7.74E-04	-0.02104	0.054327	0.021949	0.053449	0.047982	-0.01664	-0.03243	-0.03967
0.003451	0.012556	0.005316	0.052254	0.030144	0.066783	-0.00499	-0.00105	0.02073	-0.00235
-0.01339	0.026123	0.010505	0.009957	-0.04583	-0.01655	-0.08472	-0.02047	0.033707	0.001289
0.017874	0.039403	-0.02304	-0.00801	-0.03306	-0.00928	-0.06128	-0.01401	0.001632	-0.03309
0.009349	0.032956	-0.07319	-0.00691	0.016271	0.011986	0.008099	-0.00631	-0.00169	-0.03671
-0.00781	-0.04806	-0.06224	-5.47E-04	-0.01139	-0.02489	-0.02666	-0.01287	0.018635	-0.01382
-0.0061	-0.04683	-0.04352	0.0328	-0.06433	-0.01723	-0.05543	-0.01004	0.036596	-0.02028
-0.00897	-0.01768	-0.03729	0.03101	-0.05082	0.001974	-0.0422	-0.03325	0.042163	0.017052
0.026061	0.041561	4.90E-05	0.01053	-0.04143	-0.00452	0.010035	-0.01347	-0.01392	-0.00613
0.052265	0.047303	-0.04829	-0.02839	-0.04245	0.006827	0.033686	-0.00998	0.002997	-0.02922
0.030213	-0.00932	-0.04029	-0.01163	-0.01156	0.006545	-0.01954	-0.04276	0.02617	0.005515
-0.02037	-0.04473	-0.01846	0.038236	-0.00482	-0.00776	-0.0334	-0.01733	-0.01352	0.018334
-0.01256	-0.02308	-0.00953	0.043796	0.012978	0.026616	0.026684	0.030306	-0.00839	0.003982
0.034182	0.031776	0.006115	0.062053	0.054403	0.059515	0.042872	0.036263	-0.00522	-0.03126
0.046484	0.003203	-0.00538	0.077179	0.059196	0.030688	0.033016	0.027782	0.027096	-0.01146
0.051511	-0.01107	0.017157	0.053251	0.029088	0.036064	0.007275	0.022051	0.061407	0.018669
0.052865	0.032844	0.033999	0.025141	2.05E-04	0.036481	-9.37E-04	0.007098	0.028061	0.035203
0.040741	0.068489	0.044947	0.037495	0.004642	0.0458	0.002898	0.014611	-0.01426	0.007036
0.062576	0.042942	0.022066	0.05928	0.01296	0.055007	-0.00481	0.023304	-0.00346	-0.03018
0.081867	0.022554	0.03398	0.066997	0.0422	0.061617	1.30E-04	0.032231	0.025136	-0.01784

0.065317	0.018016	0.043145	0.057726	0.044571	0.032955	-0.0372	0.053638	0.052395	0.011062
0.049778	0.035252	0.042469	0.056158	0.012016	0.008386	-0.01412	0.036997	0.03707	0.004577
0.060344	0.07098	0.035916	0.051431	0.018071	0.043735	0.037954	0.032174	0.010674	0.005823
0.076191	0.049325	0.023025	0.070058	0.042658	0.069042	0.029663	0.042539	0.02667	0.010623
0.073564	0.013686	0.023486	0.066462	0.01523	0.045781	-0.01492	0.021026	0.039809	0.032503
0.0693	0.02078	0.036106	0.020738	-0.01428	0.018349	-0.03176	-2.88E-04	0.019854	0.047906
0.068055	0.042174	0.041389	0.010009	0.01024	0.007571	-0.0287	0.016929	-0.01458	0.025105
0.084004	0.05267	0.035023	0.042016	0.0237	0.032823	0.00933	0.055791	-0.01629	-0.02337
0.080689	0.039384	0.044094	0.060177	0.032674	0.065485	0.040482	0.042734	-0.02711	-0.02423
0.041532	-0.00787	0.039008	0.038328	0.045204	0.059196	0.018819	0.013237	-0.01808	0.026412
0.015239	-0.03015	0.012717	-0.01425	0.017638	0.004271	-0.01588	0.00304	-0.02513	0.033793
0.020023	-0.02091	0.025858	-0.00374	-0.01296	8.04E-04	-0.01581	-0.01938	-0.04312	0.02211
0.042893	-0.01203	0.01572	0.034047	0.015804	0.022435	0.006032	0.001542	-0.04539	-0.00592
0.028013	-0.01838	0.016356	0.051431	0.056547	0.026542	0.002551	0.016819	-0.02819	0.007127
-0.01164	-0.01359	0.030905	0.020151	0.050692	0.020661	-0.02385	0.012031	0.026929	0.035765
0.009436	-0.00521	0.024763	-0.03174	2.22E-04	0.019549	0.031309	0.054281	0.046696	0.049263
0.018321	-0.00413	0.001066	-0.03186	-0.0019	0.04387	0.06494	0.053136	0.001474	0.031523
0.010893	-0.03021	0.012951	-0.01336	0.019028	0.073431	0.040898	0.033648	-0.00757	0.013485
-0.00745	-0.04077	0.029516	0.031356	0.037326	0.066073	-0.00944	0.029526	0.041684	0.045146
-0.02283	-0.03026	0.017685	0.011872	0.02164	0.011289	-0.02994	0.03143	0.048912	0.064994
-0.00402	-0.02941	0.009233	2.34E-04	-3.49E-04	-0.01823	-0.02061	0.022033	-0.00318	0.034797
0.017482	-0.06964	-0.03008	0.021433	-0.00724	0.012702	-0.01503	-0.00826	-0.04751	0.001988
-0.01118	-0.0675	-0.04142	0.033864	0.012318	0.034196	-0.04331	-0.00764	-0.03618	-6.21E-04
-0.0627	-0.0795	-0.04285	0.001885	0.007538	0.023665	-0.02166	0.033054	-0.01272	0.01594
-0.06189	-0.07198	-0.00443	-0.05159	-0.02146	-0.03355	-0.0158	0.038662	-0.0067	0.027057
-0.02189	-0.05064	-0.00562	-0.05237	-0.02572	-0.04046	-0.03412	0.014813	-0.01066	-0.00341
0.001985	-0.03556	-0.00172	-0.03117	-0.00121	-0.00965	-0.0338	-0.00936	-0.01715	-0.03535
-0.03437	-0.05951	-0.0236	-0.02364	0.014961	-0.03692	-0.04009	0.002166	0.007119	0.003298
-0.05042	-0.06694	-0.05522	-0.04452	0.011411	-0.04302	-0.02413	0.018982	-0.00131	0.023615
-0.05741	-0.05164	-0.0445	-0.0829	-0.03495	-0.00555	0.001875	0.009557	-0.0177	-0.00417
-0.05151	-0.07737	-0.03705	-0.09977	-0.06594	-0.00855	-0.03156	-0.0542	-0.09627	-0.03638
-0.10117	-0.09023	-0.02858	-0.0874	-0.06578	-0.03331	-0.08781	-0.07733	-0.08059	-0.01466
-0.15315	-0.11124	-0.06895	-0.07682	-0.03932	-0.06435	-0.06294	-0.02548	0.035008	0.042954
-0.14721	-0.09288	-0.08538	-0.09066	-0.06326	-0.08413	-0.0209	-0.02722	-0.01686	0.013945
-0.11026	-0.07612	-0.0951	-0.13245	-0.07784	-0.08534	-0.02553	-0.05718	-0.0656	-0.01583
-0.10451	-0.07078	-0.08131	-0.13918	-0.04614	-0.0578	-0.05457	-0.06366	-0.05951	0.002347
-0.12979	-0.09956	-0.06943	-0.10918	-0.05974	-0.06492	-0.07954	-0.03021	-0.067	-0.01895
-0.12811	-0.10142	-0.07807	-0.05967	-0.07639	-0.098	-0.08227	-0.02923	-0.10484	-0.02027
-0.099	-0.09433	-0.11579	-0.06982	-0.06341	-0.09496	-0.06946	-0.05453	-0.08477	-0.0374
-0.10561	-0.11007	-0.09931	-0.0957	-0.07629	-0.11798	-0.06649	-0.10289	-0.06919	-0.04773
-0.12646	-0.10866	-0.0931	-0.1272	-0.09155	-0.1121	-0.07702	-0.08909	-0.08823	-0.04243
-0.11627	-0.11916	-0.07702	-0.1121	-0.10043	-0.12803	-0.05871	-0.07664	-0.08488	-0.05923
-0.11621	-0.11295	-0.09032	-0.0958	-0.11376	-0.13985	-0.06353	-0.07269	-0.06279	-0.0595
-0.11711	-0.09347	-0.10417	-0.12297	-0.10544	-0.10801	-0.08652	-0.10047	-0.07042	-0.09398
-0.11157	-0.07459	-0.12383	-0.11737	-0.07045	-0.09155	-0.0993	-0.13588	-0.10635	-0.12165
-0.11169	-0.06898	-0.11464	-0.10685	-0.06642	-0.11425	-0.07626	-0.1412	-0.10665	-0.0876
-0.10423	-0.06941	-0.10891	-0.09805	-0.10304	-0.12507	-0.06353	-0.14049	-0.11067	-0.04743

-0.11126	-0.10019	-0.13861	-0.11425	-0.14047	-0.13787	-0.08857	-0.13593	-0.08253	-0.05512
-0.09707	-0.1065	-0.13231	-0.14633	-0.12009	-0.13936	-0.10815	-0.14257	-0.09549	-0.09832
-0.10924	-0.11116	-0.09023	-0.1356	-0.10173	-0.11702	-0.09244	-0.13287	-0.11212	-0.11758
-0.1151	-0.11358	-0.08163	-0.124	-0.11437	-0.12473	-0.0995	-0.13581	-0.1118	-0.10387
-0.08912	-0.06648	-0.10576	-0.11166	-0.14797	-0.13497	-0.1268	-0.17107	-0.10608	-0.06803
-0.07371	-0.04354	-0.10792	-0.11363	-0.12832	-0.12128	-0.12249	-0.15826	-0.08097	-0.0907
-0.05669	-0.0362	-0.08838	-0.0893	-0.06661	-0.08121	-0.10039	-0.12436	-0.10244	-0.14138
-0.06015	-0.03606	-0.06472	-0.04493	-0.03089	-0.07698	-0.09456	-0.11142	-0.12186	-0.12862
-0.06715	-0.04888	-0.08131	-0.03807	-0.08451	-0.10005	-0.05803	-0.0712	-0.07709	-0.08699
-0.04887	-0.03302	-0.10916	-0.08229	-0.11174	-0.1027	-0.05546	-0.08487	-0.05479	-0.09318
-0.05816	-0.03273	-0.08415	-0.06896	-0.04718	-0.06947	-0.07578	-0.11082	-0.05462	-0.09155
-0.06967	-0.04712	-0.02116	-0.00478	-0.00347	-0.07253	-0.07405	-0.10437	-0.06031	-0.05968
-0.05597	-0.04845	-0.03869	-0.01574	-0.02835	-0.09218	-0.05338	-0.08446	-0.05468	-0.03535
-0.03983	-0.01893	-0.06353	-0.01918	-0.05953	-0.08527	-0.04932	-0.06128	-0.02224	-0.04586
0.011315	0.005047	-0.03136	-0.00604	-0.03821	-0.05191	-0.03775	-0.09399	-0.05033	-0.07523
0.012548	0.010377	-0.00719	0.010548	0.007873	-0.01932	-0.00409	-0.0956	-0.0532	-0.07063
-0.00588	0.042423	0.033904	0.042296	0.006483	-0.02758	0.017579	-0.05961	-0.0032	-0.01306
-0.02788	0.041542	0.034738	0.049581	-0.00809	-0.03082	0.019053	-0.03372	-0.00597	-0.00874
-0.01922	0.02206	-0.01482	0.031338	-0.01832	-0.03329	0.013329	-0.01056	-0.00351	-0.04613
0.00699	0.015539	-0.0158	0.01355	-0.02233	-0.02662	0.018496	-0.02655	-0.00171	-0.03736
0.007496	0.027789	-0.01922	0.009297	0.03878	0.005151	0.01445	-0.03889	-0.00621	-0.01446
0.008264	0.048294	0.008929	0.0139	0.032189	-0.03284	0.005386	-0.04871	0.007137	0.01557
-0.00346	0.045658	0.003548	0.003764	-0.03356	-0.07363	0.00875	-0.02978	0.001073	-0.03395
-0.02198	0.012019	-0.04963	-0.01718	-0.04704	-0.06157	0.016952	-0.02622	-0.00673	-0.07773
-0.03589	0.005523	-0.01638	-0.01328	-0.00408	-0.03032	0.026629	-0.01509	-0.03262	-0.03123
-0.04161	0.036915	0.059258	0.039759	0.028959	-0.02058	0.033761	-0.01447	-0.01436	0.006094
-0.04292	0.028699	0.042933	0.038291	0.014263	-0.02522	0.02037	-0.03392	0.019508	0.03501
-0.02617	0.007412	-0.04091	0.001885	-0.02905	-0.03694	3.89E-04	-0.05966	-0.01343	0.002221
-0.02006	0.027993	-0.0348	-0.00192	-0.00417	-0.02737	-0.00428	-0.07672	-0.03536	-0.06229
-0.03583	0.04954	-0.00314	-0.00204	0.050032	-0.00894	0.016486	-0.04229	-0.03134	-0.04578
-0.02104	0.0252	0.013096	0.025159	0.032973	-0.01033	0.011785	-0.04641	0.002419	3.06E-04
0.001417	0.0148	0.009466	0.029099	-0.0285	-0.01686	0.022416	-0.03717	0.024896	0.043841
0.019593	0.018524	-0.03217	-0.002	-0.02565	-0.02507	0.022761	-0.02614	0.037563	0.003658
3.18E-04	0.002713	-0.05323	-0.03638	-0.03878	-0.03274	0.00321	-0.05437	-0.00441	-0.03475
0.008194	0.042673	-0.01394	0.001561	-0.00928	-0.04015	-0.00991	-0.07308	-0.02706	0.010075
0.005999	0.062924	0.018726	0.057397	0.028515	-0.00314	0.020081	-0.03493	0.031342	0.038252
-0.02813	0.009967	-0.02832	0.037643	-0.0047	0.03461	0.052315	0.020319	0.065356	0.062576
-0.01661	-0.01151	-0.03643	0.024764	-0.01282	-0.00189	0.036658	-0.01196	0.024859	0.014849
-0.05441	0.020306	-0.01727	0.022326	-0.00743	-0.00969	0.022126	-0.05083	-0.00815	-0.01318
-0.05505	0.023067	-0.01079	0.011767	0.014049	-0.01815	0.038556	-0.02381	0.017147	0.014941
0.0052	0.030262	0.006932	0.035113	-0.00673	-0.02934	0.034189	0.017539	0.046967	0.048744
0.029827	0.017128	-0.00267	0.048099	-0.01591	-0.01938	-0.00382	-0.01768	0.041799	0.006728
0.004714	0.012825	-0.02717	0.038551	-0.03021	-0.00885	-0.00637	-0.02456	0.032073	-0.00692
-0.04807	-0.00404	-0.0235	0.034525	-0.02052	-0.01037	-0.01628	-0.0313	0.036104	-0.00977
-0.03598	-0.01234	-0.01513	0.028482	-0.02686	0.00963	-0.00615	-7.52E-05	0.064002	0.004072
-0.01298	-0.03731	-0.022	0.027414	-0.01212	0.016157	0.015788	0.014574	0.045786	0.008598
-0.01814	-0.04968	-0.04915	0.014655	-0.01065	0.001712	-0.03332	-0.02794	-0.03032	-0.04915

-0.00478	-0.04311	-0.07509	-0.00651	-0.06634	-0.03054	-0.08323	-0.06177	-0.04102	-0.08041
0.020418	-0.0362	-0.04655	-0.00781	-0.09048	-0.02663	-0.10935	-0.0886	-0.00962	-0.05001
0.032387	-0.01065	-0.02235	-0.03221	-0.08193	-0.00577	-0.05367	-0.07743	-0.01255	-0.08495
0.012319	-0.05107	-0.0397	-0.02517	-0.02068	-0.01266	-0.05149	-0.03086	-0.03226	-0.08672
-0.00381	-0.07415	-0.03303	-0.03541	-0.04165	-0.02397	-0.06425	-0.05231	-0.04314	-0.04231
-0.00397	-0.0441	-0.00335	-0.03769	-0.06763	-0.01217	-0.05138	-0.06763	-0.04756	-0.06725
0.004853	-0.01376	-0.00919	-0.0632	-0.03701	0.004939	-0.05132	-0.05861	-0.05191	-0.07071
-0.04904	-0.028	-0.03944	-0.08068	-0.04269	-0.01208	-0.06328	-0.03742	-0.0702	-0.06035
-0.0436	-0.03668	-0.01001	-0.0348	-0.03138	-0.04261	-0.08163	-0.04121	-0.05763	-0.05449
-0.022	-0.04559	6.80E-04	-0.03443	-0.04053	-0.05154	-0.11038	-0.05834	-0.04374	-0.05277
-0.03913	-0.05727	-0.03232	-0.09237	-0.05887	-0.02648	-0.08585	-0.04242	-0.05984	-0.07684
-0.06941	-0.04245	-0.06323	-0.10556	-0.03992	-0.00384	-0.04145	-0.03855	-0.07436	-0.06466
-0.07842	-0.07077	-0.07347	-0.11117	-0.04433	-0.02313	-0.04892	-0.06776	-0.08446	-0.05962
-0.07033	-0.06289	-0.03404	-0.08025	-0.05811	-0.07954	-0.09266	-0.0664	-0.07281	-0.04701
-0.03982	-0.01193	0.001101	-0.02976	-0.03713	-0.08652	-0.07169	-0.04561	-0.0611	-0.04298
0.023809	0.023416	-0.02476	-0.0261	-0.01313	-0.04836	-0.03608	-0.04586	-0.08765	-0.06819
0.050952	0.04806	0.012302	-0.01522	0.004205	-0.04991	-0.0365	-0.03958	-0.08257	-0.09433
0.110197	0.104481	0.077999	0.030481	0.032469	-0.03912	-0.04561	-0.03247	-0.06429	-0.07175
0.248927	0.201292	0.130592	0.065711	0.084238	0.013169	-0.01957	-0.01028	-0.05491	-0.05545
0.309212	0.270642	0.161413	0.106086	0.130646	0.058041	0.041751	0.047023	-0.02988	-0.02508
0.310927	0.316695	0.251802	0.215163	0.160098	0.080476	0.115488	0.084329	0.027782	0.053218
0.362405	0.352661	0.330415	0.253018	0.20378	0.160968	0.166287	0.155837	0.125109	0.108003
0.345596	0.361768	0.304101	0.205382	0.285216	0.260899	0.202402	0.222743	0.202501	0.17005
0.248289	0.268861	0.285092	0.250713	0.346628	0.302122	0.285953	0.256499	0.227641	0.257985
0.27393	0.262798	0.338775	0.37175	0.370734	0.27832	0.286486	0.27285	0.284969	0.33679
0.365457	0.354742	0.350349	0.32832	0.302544	0.314476	0.264547	0.295058	0.328976	0.347142
0.242678	0.2687	0.31308	0.24752	0.261639	0.352819	0.322727	0.322174	0.277021	0.273715
0.16973	0.225514	0.303643	0.293087	0.348129	0.363459	0.347903	0.311611	0.254138	0.279653
0.318534	0.299441	0.318405	0.358914	0.372199	0.291129	0.312166	0.329046	0.339997	0.387187
0.395588	0.366313	0.354527	0.364301	0.336896	0.294922	0.26968	0.374494	0.423727	0.392352
0.355977	0.387652	0.378673	0.305568	0.312877	0.367092	0.344232	0.377319	0.391549	0.340565
0.318999	0.290792	0.350074	0.30096	0.363201	0.369287	0.410629	0.376474	0.342327	0.370539
0.334754	0.268054	0.345939	0.402505	0.420449	0.347672	0.346025	0.380972	0.295328	0.421538
0.369331	0.387779	0.406155	0.409379	0.384816	0.406259	0.369029	0.38569	0.332969	0.415691
0.367649	0.383509	0.393841	0.352482	0.353642	0.443425	0.439188	0.428675	0.430665	0.385276
0.381332	0.329989	0.376335	0.339045	0.389077	0.421563	0.415537	0.417164	0.401003	0.38346
0.415206	0.326212	0.401011	0.436299	0.412592	0.336159	0.296092	0.396652	0.380495	0.432074
0.431796	0.378823	0.412944	0.462481	0.416909	0.361294	0.263851	0.347685	0.413681	0.441143
0.402462	0.40348	0.415352	0.35903	0.335283	0.438906	0.368304	0.354294	0.447852	0.44006
0.340047	0.27009	0.366738	0.303377	0.349211	0.433772	0.432652	0.417117	0.427718	0.425893
0.316789	0.264874	0.338165	0.376976	0.340482	0.37573	0.324943	0.412368	0.378243	0.432508
0.346128	0.349304	0.334972	0.379776	0.313589	0.337633	0.365296	0.404011	0.350563	0.411483
0.350294	0.357032	0.345977	0.336275	0.27317	0.323621	0.406302	0.397803	0.388386	0.400711
0.330697	0.216887	0.275643	0.232241	0.24078	0.294236	0.355026	0.38664	0.388174	0.369451
0.302693	0.199884	0.244701	0.229237	0.287324	0.287469	0.246817	0.307017	0.290644	0.301779
0.252101	0.254905	0.236505	0.260779	0.260471	0.238928	0.185671	0.232118	0.276395	0.321786
0.24169	0.274716	0.29389	0.303377	0.216925	0.179068	0.229314	0.25404	0.308448	0.318319

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

200	201	202	203	204	205	206	207	208	209
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.231044	0.115522	0.057761	0	0	0	0	0	0	0
0.574176	0.663406	0.741948	1.080249	0.180105	0.090053	0.045026	0.022513	0.011257	0.005628
0.262444	0.265351	0.305213	0.360211	0.480774	0.51075	0.610844	0.640123	0.610994	0.681278
0.142129	0.167434	0.204658	0.192081	0.226045	0.245968	0.224952	0.221585	0.2226	0.26786
0.05647	0.078771	0.122018	0.124257	0.120763	0.152214	0.078328	0.072086	0.071283	0.131646
0.062966	0.035797	-2.73E-04	0.0547	0.061356	0.009148	-0.036	0.009401	0.020659	0.046399
0.011916	0.02365	-0.02459	-0.01142	0.038524	-0.02137	-0.02475	-0.00654	-0.04505	-0.02953
-0.02536	0.024305	0.01573	-0.03324	0.034512	0.033952	0.02887	0.020436	-0.05517	-0.04854
-0.00502	0.00128	-0.00887	-0.01012	6.42E-04	0.026911	0.039906	0.070547	0.042337	0.009198
-0.0429	-0.04182	-0.03229	0.006441	-0.06023	-0.02337	0.017903	0.070483	0.089755	0.065828
-0.04132	-0.05699	-0.07087	-0.02216	-0.05649	-0.05009	-0.01348	0.036382	0.044143	-0.01754
-0.01722	-0.03994	-0.0625	-0.03873	-0.04101	-0.02738	-0.01592	-0.02415	0.015728	-0.05244
-0.02307	-0.03003	-0.03252	-0.01553	-0.006	-0.03384	-0.03281	-0.07155	-0.00726	0.010631
-0.04164	-0.0619	-0.03573	-0.00203	-0.0195	-0.032	-0.04094	-0.07358	-0.01561	0.026426
-0.05188	-0.09234	-0.00845	0.001264	-0.04411	-0.00505	-0.02188	-0.0273	-0.00358	-0.0368
-0.03863	-0.07772	-0.04118	4.11E-04	-0.04517	-0.02459	-0.0963	-0.06779	-0.02229	-0.08715
-0.02165	-0.07422	-0.05193	-0.00226	-0.04586	-0.01039	-0.1033	-0.11157	-0.05123	-0.03922
-0.0533	-0.11511	-0.03479	-0.03845	-0.08668	-0.03532	-0.07609	-0.07341	-0.06487	-0.01806

-0.08917	-0.12338	-0.02989	-0.0594	-0.06897	-0.00819	-0.05818	-0.04939	-0.05697	-0.05041
-0.06036	-0.08025	-0.03687	-0.03501	-0.06152	-0.02187	-0.05782	-0.02611	-0.05287	-0.0701
-0.04778	-0.07479	-0.0694	-0.01466	-0.02457	-0.02445	-0.0845	-0.02491	-0.04486	-0.07784
-0.01024	-0.0231	-0.04864	-0.03707	-0.00637	0.01089	-0.05884	-0.01226	0.009665	-0.02067
-0.01915	0.018348	0.009254	-0.03938	0.013601	0.047346	0.007062	0.024581	0.014127	-0.01628
-0.02869	-0.01	0.007628	-0.02519	-0.02151	-0.04604	-0.02893	0.00847	-0.07722	-0.02804
0.001644	-0.02909	-0.03708	-0.05984	-0.05112	-0.10339	-0.10062	-0.01786	-0.04866	-0.00594
-0.01714	-0.05865	-0.03629	-0.09523	-0.0908	-0.08215	-0.10976	-0.04155	-0.08113	-0.05578
-0.06015	-0.07138	-0.07477	-0.08814	-0.06063	-0.03852	-0.0445	-0.04466	-0.09903	-0.08988
-0.12471	-0.06125	-0.09976	-0.09007	-0.03789	-0.02948	-0.0421	-0.04766	-0.09213	-0.0632
-0.14287	-0.09685	-0.13353	-0.11515	-0.09239	-0.09985	-0.07267	-0.09233	-0.11363	-0.07038
-0.10405	-0.09752	-0.08597	-0.08806	-0.11513	-0.13125	-0.12977	-0.142	-0.13196	-0.08329
-0.0812	-0.09861	-0.06016	-0.07415	-0.07043	-0.10745	-0.11327	-0.0946	-0.13122	-0.07572
-0.11997	-0.07966	-0.10181	-0.0878	-0.04726	-0.08465	-0.07942	-0.07072	-0.11587	-0.08265
-0.1409	-0.11767	-0.11765	-0.07598	-0.06901	-0.12327	-0.08001	-0.08089	-0.10572	-0.05791
-0.11642	-0.11161	-0.09595	-0.07837	-0.08588	-0.09925	-0.06616	-0.0885	-0.09885	-0.04278
-0.10947	-0.10226	-0.10963	-0.10539	-0.07946	-0.10938	-0.07223	-0.08301	-0.08228	-0.05877
-0.12087	-0.09769	-0.12724	-0.08548	-0.04579	-0.10312	-0.06094	-0.05899	-0.07471	-0.05648
-0.13848	-0.10864	-0.14467	-0.09284	-0.06665	-0.07763	-0.05315	-0.09193	-0.06206	-0.02772
-0.16139	-0.145	-0.16605	-0.10974	-0.08429	-0.11638	-0.08776	-0.11171	-0.05218	-0.02873
-0.15466	-0.12778	-0.11633	-0.1113	-0.10588	-0.14299	-0.10314	-0.08988	-0.05299	-0.06656
-0.13137	-0.10078	-0.10354	-0.09959	-0.10168	-0.13457	-0.09171	-0.06416	-0.07369	-0.09277
-0.10503	-0.10257	-0.11953	-0.12206	-0.08787	-0.10998	-0.08499	-0.0865	-0.06599	-0.07475
-0.14242	-0.14752	-0.15277	-0.15226	-0.09538	-0.08889	-0.09802	-0.13107	-0.06905	-0.06204
-0.14278	-0.11714	-0.1191	-0.12065	-0.12818	-0.15534	-0.14515	-0.15348	-0.09684	-0.13497
-0.10524	-0.07771	-0.08557	-0.1173	-0.12806	-0.14926	-0.11469	-0.12828	-0.09599	-0.13347
-0.08972	-0.07908	-0.09353	-0.09789	-0.0909	-0.10027	-0.08722	-0.11748	-0.09052	-0.06791
-0.08615	-0.07177	-0.07526	-0.03933	-0.04595	-0.06334	-0.07838	-0.11696	-0.08505	-0.05805
-0.0738	-0.04992	-0.07047	-0.03181	-0.05836	-0.06351	-0.08393	-0.11526	-0.08509	-0.07653
-0.05754	-0.0372	-0.06544	-0.05224	-0.07562	-0.08034	-0.08279	-0.10384	-0.06776	-0.09066
-0.05612	-0.08081	-0.0991	-0.05746	-0.0717	-0.07946	-0.04599	-0.08739	-0.08441	-0.09928
-0.06558	-0.10308	-0.12095	-0.07901	-0.06132	-0.05369	-0.05013	-0.09925	-0.09038	-0.1009
-0.08033	-0.0807	-0.09839	-0.09251	-0.10796	-0.0671	-0.062	-0.0833	-0.04443	-0.06218
-0.104	-0.07777	-0.09279	-0.07963	-0.12983	-0.07563	-0.06288	-0.08489	-0.03256	-0.06289
-0.07932	-0.04974	-0.07664	-0.07899	-0.13818	-0.08312	-0.05302	-0.085	-0.06645	-0.094
-0.0501	-0.06806	-0.0694	-0.06587	-0.09332	-0.08965	-0.05769	-0.08289	-0.05844	-0.10356
-0.05626	-0.08101	-0.06708	-0.0685	-0.08668	-0.05818	-0.06308	-0.09483	-0.04978	-0.0883
-0.07396	-0.09156	-0.09532	-0.07948	-0.0914	-0.03883	-0.07196	-0.09854	-0.06797	-0.07671
-0.06946	-0.07234	-0.09108	-0.07214	-0.07888	-0.04416	-0.08453	-0.10332	-0.062	-0.09299
-0.05832	-0.07366	-0.09363	-0.05205	-0.06241	-0.05228	-0.07935	-0.11858	-0.0658	-0.1135
-0.07092	-0.11195	-0.10531	-0.07133	-0.07363	-0.05245	-0.0679	-0.09536	-0.06413	-0.10916
-0.10914	-0.10478	-0.10513	-0.07657	-0.08943	-0.04273	-0.09316	-0.13132	-0.07874	-0.1147
-0.11209	-0.05924	-0.07399	-0.05107	-0.07532	-0.05747	-0.1327	-0.13524	-0.09694	-0.14214
-0.10017	-0.08244	-0.08132	-0.04924	-0.11088	-0.09255	-0.11543	-0.09382	-0.07976	-0.12287
-0.10276	-0.12213	-0.1087	-0.0627	-0.10309	-0.07509	-0.07216	-0.08341	-0.04305	-0.09426
-0.07536	-0.11281	-0.10352	-0.07766	-0.08764	-0.07506	-0.08909	-0.07903	-0.05543	-0.08287
-0.06904	-0.1055	-0.08543	-0.07114	-0.09442	-0.07653	-0.09678	-0.06607	-0.06301	-0.07739

-0.06249	-0.09575	-0.07583	-0.07201	-0.10815	-0.06048	-0.06419	-0.03889	-0.05767	-0.0928
-0.05353	-0.10058	-0.06255	-0.06055	-0.09222	-0.06571	-0.08087	-0.0682	-0.05716	-0.08824
-0.08002	-0.12007	-0.04481	-0.03836	-0.08788	-0.08488	-0.124	-0.08886	-0.04598	-0.08838
-0.09234	-0.12401	-0.06091	-0.07309	-0.09482	-0.07062	-0.13359	-0.09401	-0.06355	-0.09699
-0.10454	-0.11773	-0.0828	-0.12212	-0.10698	-0.07581	-0.12787	-0.0778	-0.1136	-0.09365
-0.08298	-0.10388	-0.0818	-0.12881	-0.10318	-0.07838	-0.13468	-0.06089	-0.09987	-0.11771
-0.05437	-0.10961	-0.07644	-0.07755	-0.07598	-0.08247	-0.12932	-0.07545	-0.09508	-0.13415
-0.09078	-0.11439	-0.0661	-0.04844	-0.05701	-0.10187	-0.1326	-0.08629	-0.10918	-0.14194
-0.08015	-0.0944	-0.05628	-0.08893	-0.06381	-0.09726	-0.11986	-0.06506	-0.08777	-0.11856
-0.01671	-0.0882	-0.07402	-0.10808	-0.07874	-0.04612	-0.10261	-0.06005	-0.0922	-0.12555
-0.00443	-0.0887	-0.04291	-0.06104	-0.06509	-0.02264	-0.09661	-0.05708	-0.07276	-0.10577
-0.04062	-0.09259	-0.01471	-0.03491	-0.04032	-0.02973	-0.08722	-0.03374	-0.07961	-0.0941
-0.08183	-0.09256	-0.03229	-0.07813	-0.05096	-0.06329	-0.10124	-0.03339	-0.06536	-0.04326
-0.06226	-0.08265	-0.05582	-0.08656	-0.06098	-0.09303	-0.10602	-0.05501	-0.06106	-0.04169
-0.03601	-0.0827	-0.0586	-0.08434	-0.04546	-0.08383	-0.08365	-0.06405	-0.08717	-0.06131
-0.11271	-0.10623	-0.03984	-0.09253	-0.03543	-0.05119	-0.0727	-0.0563	-0.13108	-0.0618
-0.14035	-0.12209	-0.03007	-0.06537	-0.02779	-0.06978	-0.07706	-0.05108	-0.10116	-0.06003
-0.10299	-0.10104	-0.06179	-0.05279	-0.01931	-0.06048	-0.07435	-0.07602	-0.0745	-0.05709
-0.06785	-0.08477	-0.08023	-0.07746	-0.02683	-0.03234	-0.04189	-0.07629	-0.08389	-0.06528
-0.06464	-0.08767	-0.04715	-0.07043	-0.02546	-0.01679	-0.0341	-0.03695	-0.08419	-0.04431
-0.09046	-0.06848	-0.00487	-0.06066	-0.03875	-0.07979	-0.09617	-0.03226	-0.06145	-0.02898
-0.06371	-0.01895	0.003245	-0.07342	-0.0564	-0.12263	-0.11509	-0.04606	-0.05916	-0.03801
-0.03419	-0.00741	-0.03224	-0.08615	-0.04387	-0.08802	-0.06228	-0.06887	-0.06658	-0.0521
-0.06019	-0.07296	-0.05671	-0.08572	-0.01268	-0.04695	-0.04649	-0.07438	-0.08408	-0.04843
-0.0778	-0.06409	-0.05631	-0.10338	-0.02484	-0.06745	-0.05984	-0.05303	-0.08375	-0.02052
-0.06951	-0.06009	-0.08145	-0.11076	-0.07147	-0.10192	-0.04725	-0.02826	-0.06299	-0.00633
-0.05815	-0.04769	-0.08406	-0.0637	-0.07811	-0.09635	-0.04095	-0.01849	-0.03092	-0.04814
-0.0487	-0.05181	-0.07448	-0.06281	-0.05418	-0.06665	-0.04535	-0.06698	-0.04701	-0.0726
-0.04213	-0.04157	-0.04579	-0.0622	-0.00353	-0.04876	-0.0453	-0.09083	-0.08141	-0.05876
-0.04139	-0.00942	-0.01944	-0.03017	0.016832	-0.02627	-0.02815	-0.09479	-0.08522	-0.04115
-0.07232	-0.02954	-0.03698	-0.0244	-0.03673	-0.03674	-0.02034	-0.07113	-0.03943	-0.03636
-0.09809	-0.05619	-0.06031	-0.01956	-0.05961	-0.05279	-0.01825	-0.07213	-0.01323	-0.04799
-0.07172	-0.04932	-0.06509	-0.02666	-0.01773	-0.04677	-0.02036	-0.08786	-0.03524	-0.04313
-0.04827	-0.02877	-0.06323	-0.0193	0.003671	-0.06243	-0.00932	-0.06063	-0.01337	-0.03545
-0.05063	-0.00195	-0.06025	-0.01054	-0.0107	-0.0505	-0.01479	-0.07261	-0.00366	-0.03532
-0.05657	-0.03606	-0.07135	-0.03821	-0.08121	-0.06737	-0.02772	-0.05314	-0.03586	-0.07828
-0.06668	-0.07868	-0.0865	-0.06402	-0.10241	-0.05735	-0.05386	-0.03215	-0.04028	-0.09549
-0.05257	-0.06827	-0.07828	-0.0518	-0.05676	-0.02515	-0.06407	-0.07471	-0.02663	-0.09274
-0.03065	-0.01258	-0.01653	-0.02888	-0.03665	-0.02646	-0.07278	-0.07812	-0.01827	-0.09161
-0.03445	-0.03846	-0.00484	-0.02689	-0.044	-0.03496	-0.07543	-0.0472	-0.00874	-0.0667
-0.0364	-0.13045	-0.06218	-0.02824	-0.04211	-0.01073	-0.02678	-0.01445	-0.05574	-0.0776
-0.02102	-0.10461	-0.05889	-3.53E-04	-0.03951	-0.01191	-0.03566	-0.01805	-0.06272	-0.07805
-0.01329	-0.0474	-0.01631	-0.01315	-0.06017	-0.02072	-0.05356	-0.00594	-0.00167	-0.05559
-0.02827	-0.0554	-0.01707	-0.01816	-0.06243	-0.02101	-0.06016	-0.0053	-0.00223	-0.0807
-0.04792	-0.08176	-0.03579	-0.0364	-0.06183	-0.03864	-0.06027	-0.01793	-0.05004	-0.06156
-0.04158	-0.08709	-0.03614	-0.0496	-0.04727	-0.04059	-0.06433	-0.05966	-0.07373	-0.06254
-0.02519	-0.06185	-0.0227	-0.09227	-0.04683	-0.00742	-0.0523	-0.05702	-0.06496	-0.04402

-0.02541	-0.03933	-8.85E-04	-0.08989	-0.04746	-0.03001	-0.08878	-0.02264	-0.07726	-0.04391
-0.03471	-0.03546	-0.03469	-0.07513	-0.0064	-0.05465	-0.10259	-0.03789	-0.09643	-0.05896
-0.02944	-0.03744	-0.07215	-0.0984	-0.01662	-0.02771	-0.04216	-0.04898	-0.10112	-0.05799
-0.03828	-0.04339	-0.04543	-0.07315	-0.03588	-0.04714	-0.03479	-0.03633	-0.0441	-0.02243
-0.06118	-0.06458	-0.00428	-0.04919	-0.00795	-0.02759	-0.0162	2.66E-04	-0.02178	-0.0193
-0.03913	-0.04953	-0.00348	-0.06177	0.01448	0.020903	-0.00191	0.023824	-0.02354	-0.01734
-0.01166	-0.01762	-0.03979	-0.06005	4.83E-04	-0.0335	-0.02484	-0.015	-0.03441	-0.00404
-0.03158	-0.02453	-0.09155	-0.07754	-0.0086	-0.06939	-0.0507	-0.06794	-0.06894	-0.01673
-0.0346	-0.01921	-0.07514	-0.05491	-0.00523	-0.07235	-0.08915	-0.09595	-0.05396	-0.02127
-0.01098	-0.01744	-0.02315	-0.03967	-0.01216	-0.06751	-0.06862	-0.0612	-0.05114	-0.04168
-0.01669	-0.05381	-0.03312	-0.04537	-0.01972	-0.05707	-0.03931	-0.03211	-0.04691	-0.03128
-0.03289	-0.03416	-0.02464	-0.03495	-0.04667	-0.06458	-0.03569	-0.04211	-0.02023	-0.00903
-0.02299	-0.00849	-0.01405	-0.00913	-0.01724	-0.052	-0.03679	-0.02272	-0.00563	-0.01673
-0.01813	6.95E-04	-0.02403	-0.0011	-0.00542	-0.05991	-0.02068	-0.048	-0.0048	-0.04386
-0.01095	0.019605	-0.03518	-0.0077	-0.01229	-0.03376	-0.00413	-0.07296	-0.01796	-0.06336
-0.00232	-0.00253	-0.05574	-0.00777	0.007984	-0.0043	-0.02827	-0.0425	-0.00662	-0.02289
-0.0331	-0.03442	-0.03521	-1.22E-04	-0.01201	-0.00106	-0.01873	-0.03836	-0.00255	0.009785
-0.04904	-0.03883	-0.01852	-0.00117	-0.05374	-0.00517	8.31E-04	-0.0221	-0.01096	-0.03875
-0.02337	0.002214	-0.02492	0.004212	-0.02804	-0.02321	-0.01609	-0.02592	-0.01605	-0.05477
0.007546	0.035777	-0.03579	-0.00988	-0.00651	-0.02797	-0.0077	-0.05433	-0.01027	-0.00592
-0.0037	-0.03784	-0.02919	0.002405	-0.01546	-0.01997	-0.00895	-0.05774	-0.01	0.009895
-0.07012	-0.07841	-0.01783	0.026311	-0.04132	-0.00674	-0.01635	-0.03666	-0.00373	-0.03666
-0.05124	-0.02133	-0.0123	0.017425	-0.05922	-0.02953	-0.03197	-0.0303	-0.01315	-0.10035
-0.01175	0.002397	-0.03019	0.003782	-0.05853	-0.03306	-0.03452	-0.0652	-0.0349	-0.09928
0.030249	-0.01627	-0.0351	0.025633	0.017552	0.037994	-0.02172	-0.03804	-0.00279	-0.0243
0.040173	-0.04452	-0.02563	0.01665	0.019476	0.057866	-0.01988	0.006668	0.023397	0.013548
0.001733	-0.03719	-0.00357	-0.00274	-0.03753	0.006557	-0.0209	0.013386	0.009054	0.008227
0.012575	0.006284	0.01982	0.033289	-0.01846	-2.67E-04	-0.02875	0.016033	-0.03771	-0.03797
0.036749	-0.03415	0.01139	0.039641	-0.02149	0.034617	-0.02673	0.004024	-0.00674	-0.04335
0.039568	-0.041	0.027818	0.036097	2.13E-05	0.034997	-0.04859	-0.01381	0.041389	0.0129
0.007872	-0.02327	0.026084	-0.01461	-0.00411	0.032607	-0.03845	-0.00358	0.033741	0.034029
-0.01218	-0.04991	0.010438	-0.03964	-0.04429	0.008503	-0.06572	0.037883	-0.02276	-0.02344
-0.00206	-0.04574	-0.00796	0.009496	-0.02626	0.010297	-0.03557	0.05086	-0.03425	-0.04001
0.023976	-0.03176	-0.00475	0.034979	-0.01766	0.032247	-0.00123	0.029837	-0.03161	-0.01015
-0.0048	-0.05828	0.003987	-0.01389	-0.04837	0.008718	-0.04431	0.003699	-0.00608	-0.00138
-0.03014	-0.06649	0.007272	-0.02641	-0.03134	-0.012	-0.03577	0.004855	0.021712	0.011939
-0.0156	-0.03601	0.031157	-0.01375	-0.03154	0.017783	0.014357	0.015606	-0.0182	-0.00101
-0.0093	-0.05492	0.027968	-0.0065	-0.01299	0.034617	-0.00302	-6.81E-04	-0.06798	-0.0298
0.018164	-0.04869	0.03001	-0.01066	0.007172	0.010225	-0.06007	0.004584	-0.0306	-0.00179
0.031894	-0.01709	0.042663	-0.03866	0.015103	-0.02156	-0.06482	0.017055	0.032735	0.042877
-3.35E-04	-0.05198	0.007022	-0.04655	-0.03079	-0.03703	-0.06077	0.018005	-0.00958	0.016708
0.011714	-0.05668	-0.02477	-0.03844	-0.0359	-0.0359	-0.09428	0.013497	-0.04413	-0.02726
-0.01553	-0.05566	-0.00312	-0.00847	0.016445	-0.00207	-0.0982	0.00984	-0.00845	-0.01203
-0.05009	-0.06908	0.014134	0.006693	0.030747	-0.01493	-0.06662	0.020923	0.019353	0.026808
0.017515	-0.01294	0.013392	-0.04164	0.010011	-0.06428	-0.07387	-0.01645	-0.01463	0.026865
0.02268	-0.01551	0.011102	-0.03746	0.013619	-0.01301	-0.03474	-0.03339	-0.03681	0.012419
0.005864	-0.02909	0.010725	-0.02323	0.010465	0.046584	0.016958	0.011343	-0.02124	0.01826

-0.00501	-0.0368	0.016166	-0.01439	0.00925	-0.01357	-0.0341	0.035896	-0.00387	0.042461
-0.04038	-0.05962	0.029109	0.010605	0.015195	-0.062	-0.04923	0.044174	0.038709	0.030028
-0.03002	-0.0526	-0.00446	-0.02783	4.83E-04	-0.02279	-0.02893	0.006631	0.032527	-0.02927
0.001876	-0.05145	-0.03904	-0.06586	0.009141	0.012802	0.005581	-0.02014	-0.04324	-0.04436
-0.00527	-0.04615	-0.01628	-0.04393	0.029739	0.032928	0.001366	-0.00708	-0.05139	0.003785
-0.01142	-0.04961	0.020867	-0.02103	0.022845	0.020038	-0.01443	0.014144	-0.03329	-0.03041
-0.0094	-0.04872	0.020591	-0.04446	-0.01708	-0.03627	0.001973	0.00745	-0.00881	-0.0279
-0.00823	-0.02345	-0.00444	-0.07589	-0.01828	-0.01861	0.007949	-0.01836	-0.00771	-0.00131
-0.01941	-0.0143	0.018172	-0.0271	0.033975	0.016141	0.006122	-0.02206	-0.03707	-0.01512
-0.00648	0.003738	0.052499	-0.01085	0.047331	0.007216	0.001705	0.004168	-0.02951	0.010778
-0.00921	-0.00443	0.040118	-0.02425	0.017017	-0.03374	-0.02386	0.03839	0.006566	0.011939
-0.03452	-0.0462	0.005688	-0.02095	-0.0109	-0.02883	-0.03936	0.008817	0.017098	-0.00575
-0.00153	-0.02408	-0.02876	-0.06127	-0.00888	0.001754	-0.0159	-0.03559	0.00388	-0.00376
0.00143	-0.01166	9.38E-04	-0.05502	9.98E-04	-0.00506	-0.0339	-0.01629	-0.00852	0.00907
-0.04893	-0.05402	0.026848	-0.00471	-0.01671	-0.00378	-0.02187	-0.01257	0.00241	0.028166
-0.03686	-0.02185	-0.01038	-0.00301	-0.00365	-0.02806	-0.00801	-0.00749	0.024325	0.016373
-0.05448	-0.00995	-0.05969	-0.04069	-0.00895	-0.01289	0.002546	-0.02058	0.014364	-0.03213
-0.05207	-0.04503	-0.03584	-0.03686	0.019198	0.003043	0.004645	-0.03868	-0.03037	-0.06024
0.011203	-0.01834	-0.01615	-0.00156	0.050247	-0.00144	-0.01002	-0.01619	-0.01509	-0.02093
-0.02523	-0.00877	0.003068	0.01457	0.051283	-0.0059	0.001295	0.022522	0.03796	0.03848
-0.04001	-0.00486	0.029766	0.042021	0.01426	-0.01839	0.023878	0.014976	-0.00256	0.030876
-0.02821	-0.01958	-0.01672	-0.0168	-0.02713	-0.03122	0.020209	-0.03259	-0.02632	-0.01474
-0.01818	-0.04449	-0.03356	-0.04319	-0.02794	-0.06113	-0.0131	-0.0709	-0.01907	-0.02029
-0.02914	-0.02381	-0.0181	-0.03761	-0.00754	-0.04653	-0.02394	-0.06405	-0.00234	0.001995
-0.0314	0.007192	0.006808	-0.01349	-0.00719	-0.02791	-0.00515	-0.02143	-0.00151	-8.81E-04
-0.02226	-0.0079	-0.02588	-0.01728	-0.05592	-0.05482	-0.01182	-0.01901	-0.02044	-0.04394
-0.0414	-0.0255	-0.08915	-0.08153	-0.07465	-0.04828	-0.03521	-0.06543	-0.03668	-0.0899
-0.03578	-0.01606	-0.05982	-0.03655	-0.03012	-0.04228	-0.04226	-0.06811	-0.03146	-0.08317
-0.02396	-0.00129	-0.02207	0.018517	0.010138	-0.04719	-0.01618	-0.01491	0.001474	-0.02839
-0.03499	-0.0066	-0.01936	0.008427	-0.04678	-0.04895	-0.00118	-0.0095	0.016166	-0.0279
-0.03975	-0.02641	-0.05232	-0.05456	-0.08118	-0.05956	-0.02288	-0.04923	-0.01245	-0.07065
-0.06924	-0.02928	-0.07405	-0.05835	-0.04376	-0.01073	-0.03069	-0.06603	-0.02249	-0.04947
-0.08565	-0.01081	-0.04175	-0.00772	-0.01493	-0.02636	-0.0293	-0.04346	0.015382	-0.01075
-0.05565	0.006821	-0.0177	5.88E-04	-0.04004	-0.03814	-0.0209	-0.0405	0.014636	-0.02496
-0.03188	0.028335	-0.0013	0.005307	-0.08492	-0.03498	-0.00473	-0.05652	-0.03048	-0.02745
-0.02469	-0.00682	-0.022	-0.00157	-0.06202	-0.01554	-0.02308	-0.03096	-0.05371	-0.03263
0.002163	-0.02322	-0.04231	0.01641	0.027429	0.028221	-0.04085	-0.01375	-0.0106	-0.0276
-0.00115	0.001902	-0.01731	0.045772	0.027694	0.030474	-0.01455	-0.01254	0.028247	-0.02974
-0.00476	0.014239	0.039158	0.049835	-0.01378	0.026557	-0.01791	-6.10E-04	0.027404	-0.01873
0.01307	-0.01272	0.036062	0.03573	-0.02308	0.021714	0.012485	0.025737	0.016568	-0.02661
-5.31E-04	-0.02899	-0.00963	-1.56E-05	-0.0184	0.018314	-0.01033	0.007322	-0.01855	-0.01875
-0.02866	-0.0473	-0.01321	0.007613	-0.01904	-0.00176	-0.05183	-0.02369	-0.03048	-0.00392
-6.20E-04	-0.03127	-0.00562	0.032964	-0.04805	0.003591	-0.02813	0.001665	-0.01031	-0.0212
5.73E-04	0.001829	-0.00439	1.80E-04	-0.05088	0.027565	-0.017	0.017502	0.013492	-0.01194
0.014577	-0.04622	-8.85E-04	-0.00228	0.001282	0.021567	-7.71E-04	0.031027	-0.02645	-0.01835
0.016441	-0.06879	-0.02505	-0.03291	-0.01285	0.00453	-0.00708	0.022484	-0.05637	-0.02
0.016237	-0.04205	-0.01362	-0.0183	-0.01044	0.009525	-0.0229	0.027277	-0.0184	0.027955

-0.00222	-0.02981	0.024894	0.011041	-0.01106	0.030474	-0.02163	0.050699	-4.97E-04	0.053185
0.006009	-0.045	0.027631	-0.01918	0.002868	0.039203	-0.032	0.031373	-0.01323	0.037735
0.018275	-0.02199	0.01788	-0.04235	-0.01303	0.005862	-0.01791	-0.00237	-0.03138	-0.02356
0.005612	-0.03969	0.013229	-0.06752	-0.01845	-0.03759	-0.03408	-0.00928	-0.02562	-0.01677
-0.00916	-0.04973	0.013627	-0.04383	0.001335	0.008807	-0.02636	-0.03006	-0.05694	-0.01637
-0.00898	-0.01428	0.032779	-0.01833	-0.03307	0.032058	0.007496	0.007468	-0.05112	-0.01939
-0.0159	-0.00936	0.030029	0.00114	-0.018	-0.01079	-0.00908	0.008579	-0.02909	0.004111
-0.07286	-0.03005	0.007664	0.020597	0.014828	-0.0286	0.002528	-0.01448	-0.02772	0.01052
-0.03544	-0.02531	0.00466	-0.02771	-0.00404	-0.02707	0.017106	0.014643	-0.00558	6.63E-04
-0.01399	-0.0266	0.007807	-0.0415	0.003296	-0.03511	-0.001	0.010225	0.005639	5.91E-04
-0.03024	-0.01636	-0.01513	-0.01282	0.039416	-0.00555	0.022451	0.015421	-0.01274	-0.0024
-0.002	0.002361	-0.04089	-0.02291	0.023126	-0.00127	0.024499	-0.02279	-0.0199	-0.00507
-0.03234	-0.03086	-0.0281	-0.03326	-0.03487	-0.06074	-0.02479	-0.0689	-0.033	-0.03495
-0.02811	-0.01825	0.010563	-0.00979	-0.01604	-0.04452	9.38E-04	-0.05755	-0.02866	-0.03454
-0.00818	-0.00838	0.002134	-0.01066	0.0202	-0.02359	0.029384	-0.02749	-6.72E-04	1.24E-04
8.05E-04	-0.01125	-0.03108	-0.00533	0.02675	-0.02442	0.021179	-0.0028	0.004022	0.026521
-0.03898	-0.03622	-0.04995	0.004158	0.038291	0.025811	-0.00707	-0.03807	2.41E-04	0.027113
-0.05829	-0.03497	-0.05851	7.84E-04	0.004728	3.09E-05	-0.02217	-0.0313	-0.00485	-0.03153
-0.04426	0.011946	-0.0283	-0.02085	-0.00912	-0.02792	0.020339	0.00109	0.002888	-0.05072
-0.02677	0.032148	0.008968	-0.00925	-0.01539	-0.03117	0.03637	-0.01377	0.018893	-0.00898
-0.00879	0.009255	-0.02192	-0.01189	-0.01449	-0.01672	-0.00777	-0.04556	0.002587	0.00995
-0.03399	-0.01746	-0.0555	-4.95E-04	0.015342	0.01574	-0.03744	-0.05446	-0.01805	-0.01725
-0.01151	-0.01065	-0.05064	0.030329	-0.02768	-0.0108	-0.02991	-0.02401	-0.04128	-0.07522
0.023281	0.018215	-0.04344	0.02701	-0.04384	-0.04239	-0.01584	-0.02638	-0.04359	-0.08664
0.040935	-9.46E-04	-0.06381	0.024204	-0.01486	-0.03799	-0.03687	-0.05199	-0.00386	-0.02895
0.01071	-0.00189	-0.02351	0.023473	-0.02154	-0.00819	-0.03886	-0.04346	-0.03384	-0.01218
-0.04054	0.013693	-0.00832	-0.01106	-0.05486	-0.01901	-0.02285	-0.01882	-0.02895	-0.00723
-0.01902	0.017663	-0.01471	0.001995	-0.05509	-0.02202	-0.0392	0.003302	-0.01352	-0.02817
-0.00897	-0.00974	0.00544	0.053233	-1.91E-04	0.049761	-0.0244	-0.00698	-0.01159	-0.05682
0.010181	-0.05189	-0.00446	0.044944	0.022789	0.058328	0.007225	0.004168	0.032546	0.001635
0.022399	-0.02496	0.012706	0.018035	0.013527	0.025569	-0.01272	0.012575	0.029845	0.029086
0.027016	0.001262	0.032685	-0.0065	-0.03101	-0.00256	-0.05416	-0.00597	-0.01687	-0.00511
0.050269	-0.01219	-0.01124	-0.0123	-0.05662	-0.00515	-0.0829	-0.02395	-0.04499	-0.06006
0.032853	-0.04012	-0.04021	-0.02112	-0.024	-0.00127	-0.07446	-0.03321	-0.02787	-0.05523
0.006225	-0.03531	-6.58E-04	-0.00638	0.001442	-0.00793	-0.06004	-0.01952	-0.00829	-0.00713
0.012135	-0.01097	0.02851	-0.02701	0.015452	0.010584	-0.03026	0.003158	-0.00297	0.032788
0.02036	-0.02315	0.003934	-0.03936	0.004208	0.014795	-0.02061	0.007577	-0.03982	0.004419
0.046151	-0.04466	-0.00558	-0.00838	-0.00198	0.021733	-0.00721	0.026896	-0.05748	-0.01951
-0.01334	-0.05822	0.030705	0.027048	0.040816	0.047601	-0.00198	0.038508	-0.03763	0.006601
-0.10514	-0.0965	0.026028	0.021416	0.056361	0.015231	0.001384	0.041942	0.014146	0.054791
-0.0581	-0.06707	-0.00151	-0.0365	0.020962	-0.00259	0.031579	0.054658	0.031788	0.053916
0.05364	-0.00229	0.007682	-0.06064	0.009395	-0.03357	0.019892	0.003753	-0.01001	0.024427
0.051571	0.001445	0.043185	-0.01786	0.046067	-0.04144	-0.0287	-0.03681	-0.05986	0.007331
-0.01201	-0.03438	0.039273	2.69E-04	0.032654	-0.03918	-0.00752	0.0137	-0.05109	0.015367
-0.02343	-0.02243	0.015966	-0.02309	0.010302	-0.02512	0.025724	0.059431	-0.00625	0.018297
0.017607	0.009646	-0.01019	-0.00915	0.020627	0.01729	0.037591	-0.00367	-0.03076	-0.02583
0.061056	0.017265	2.18E-04	-0.00925	0.055715	0.035702	0.015794	-0.05287	-0.07627	-0.02

0.054447	0.013919	0.030386	0.001051	0.068023	0.007645	0.021478	-0.00385	-0.02434	0.018897
0.001233	0.028394	0.059859	0.026764	0.051124	0.00508	0.035809	0.056712	0.02975	0.023782
-4.95E-04	0.043026	0.012543	0.020597	0.034071	-0.01128	0.029707	0.03929	0.038997	0.017399
0.053802	0.054679	-0.00834	-0.04147	0.037092	0.016578	0.042783	-0.00807	0.018159	-0.02386
0.057424	0.067207	0.044503	0.00278	0.06408	0.025941	0.044298	-1.27E-04	-0.00235	0.014642
0.015905	0.057418	0.066876	0.055224	0.06058	0.005222	0.035037	0.020548	0.003189	0.041117
0.012062	0.061748	0.065733	0.057285	0.038737	0.011935	0.025328	0.046298	0.049154	0.033253
0.034373	0.058272	0.041427	0.024918	0.004656	0.015959	0.022826	0.026725	0.046994	-0.0073
0.037312	0.034472	-0.00779	0.036309	0.054206	0.046096	0.035191	-0.0194	-4.44E-04	-0.0353
0.015111	0.044155	-0.00641	0.081442	0.090514	0.04279	0.028015	-0.02722	0.008373	-9.71E-04
0.009998	0.048456	0.018227	0.093382	0.052302	-0.00709	0.023371	-9.16E-05	0.018324	0.0204
-0.00925	0.001006	0.023504	0.054117	0.027977	0.028445	0.035925	0.047854	0.038671	0.025244
0.016552	-0.01809	-0.00862	0.015894	0.010556	0.043702	0.017829	0.046318	0.038248	-0.01347
0.055498	0.02014	0.002504	0.027993	-0.00801	0.027061	-0.02948	-0.00367	0.037059	-0.01073
0.05155	0.072433	0.060503	0.072414	0.009359	0.042829	0.005635	-0.01191	0.044766	-0.00885
0.032891	0.089641	0.087774	0.040849	-0.01848	0.057065	0.043412	-5.74E-04	0.049764	-0.00411
0.047361	0.050992	0.063576	0.024073	-0.02676	0.068996	0.037804	0.034383	0.029167	-0.03465
0.041915	0.042281	0.050919	0.043784	0.019216	0.058428	0.007369	0.032278	0.023916	-0.02308
0.033199	0.020407	0.014623	0.015802	-0.00516	0.037611	-0.00756	0.031431	0.014364	0.03103
0.040642	0.013467	0.016822	0.016889	-0.04654	0.036732	0.003657	0.05094	0.006156	0.010245
0.060012	0.026509	0.045378	-0.01023	-0.03238	0.03593	0.024857	0.0533	-0.03376	-0.02985
0.062555	-0.01767	0.027295	-0.01449	0.009359	0.039145	0.033151	0.045126	-0.02932	0.006273
0.041209	-0.06357	0.033725	0.061253	0.059196	0.039952	0.007985	0.034189	-0.00272	0.04574
0.043624	-0.01945	0.02614	0.020355	0.022621	0.045257	-0.01317	0.037414	-0.01001	0.017605
0.046508	-0.00142	0.008074	-0.0563	-0.01199	0.035302	-0.03951	0.017632	-0.03084	-0.01897
0.019614	-0.02408	0.029522	-0.03289	-0.00406	-0.00425	-0.02651	0.029091	-0.03671	-0.01272
-0.00138	-0.05041	0.028304	0.022163	0.041167	-0.0257	0.007587	0.030758	-0.01286	-0.02127
0.006876	-0.03752	0.052341	0.07517	0.091126	0.017509	-0.01757	0.035139	0.020991	0.009418
0.036401	-0.01334	0.020242	0.053655	0.050566	0.036579	-0.01179	0.042395	0.019978	0.014308
0.026675	-0.0082	0.021051	-0.03316	-0.01051	0.034408	0.005888	0.026326	0.019206	0.036991
0.026164	0.015957	0.044232	0.004786	0.019031	0.007966	0.025668	-0.024	0.008014	0.049849
-0.0228	-0.00227	0.047309	0.043549	0.051663	-0.01564	-0.00508	-0.07335	-0.03971	0.033525
-0.00977	0.012621	0.049837	0.007397	0.039804	-0.03063	-0.00895	-0.02148	-0.04049	-0.01022
0.035357	0.048987	0.052084	-0.01531	0.02972	-0.03413	0.005834	0.03683	-0.00774	-0.01816
0.042327	0.048538	0.015113	-0.02649	0.050745	0.003857	-0.00228	-0.01731	-0.01308	0.013214
0.01537	0.046564	-5.35E-04	-0.02611	0.041986	0.02373	0.016034	-0.03584	0.001315	0.053286
-0.00374	0.023727	0.011984	-0.00452	0.012833	0.001226	0.0067	0.003446	0.024325	0.037285
0.021855	0.03262	0.03063	0.01126	0.004119	-0.02515	0.005203	-0.00218	0.016787	0.024123
0.044688	0.050172	0.020904	-0.00348	0.030024	-0.02636	0.016792	0.038156	0.007764	0.03705
0.007818	0.021594	-0.02306	-0.00566	0.050108	0.027696	0.032057	0.010023	0.010943	0.054811
-0.0312	-0.01779	-0.02955	-0.00835	0.010847	0.02721	0.012137	-0.04601	0.002622	0.027592
-0.03284	-0.00574	-0.00428	-0.0048	-0.05367	-0.05172	-0.00621	-0.04184	0.003401	-0.01497
-0.03709	0.015239	0.022322	-0.03042	-0.04004	-0.0674	0.008457	-0.00588	2.94E-04	-0.05014
-0.02497	0.010841	-0.01252	-0.0586	0.002386	-0.04413	0.005491	-0.02194	-0.01648	-0.03553
-0.03885	-6.73E-04	-0.02375	-0.02326	0.025996	-0.02766	0.009056	-0.05386	0.001033	0.026655
-0.06952	-0.02053	-0.02958	0.018924	0.008888	-0.01675	-0.00459	-0.05311	-0.01099	0.002916
-0.06794	-0.01872	-0.04773	-0.00807	-0.01904	-0.0306	0.019761	0.003068	-0.01315	-0.06302

-0.04463	-0.00193	-0.04657	-0.01106	0.007226	-0.00546	0.031445	-0.0101	-0.01478	-0.05968
-0.03596	-0.01919	-0.06075	0.021044	0.024812	0.017546	0.008257	-0.04912	0.002605	0.017568
-0.05596	-0.05031	-0.05069	0.013342	-0.00722	0.021862	-0.02502	-0.06119	0.012225	0.026884
-0.05287	-0.03212	-0.03123	4.64E-04	-0.05107	-0.01331	-0.05604	-0.05159	0.029412	-0.01094
-0.03307	0.010355	-0.03108	-0.00767	-0.05161	-0.05296	-0.02342	-0.00657	0.040384	-0.00996
-0.0171	0.019262	-0.0254	0.008554	-0.00523	-0.04244	0.022227	0.007613	0.03944	0.00631
-8.15E-04	-0.01604	-0.0074	0.050911	0.046265	-1.10E-04	0.022639	-0.04867	-0.00826	0.003749
-0.02162	-0.02076	-0.00829	0.057022	0.037517	0.046721	0.023652	-0.04458	-0.00558	-0.01171
-0.02228	0.002159	-0.02451	0.007776	-0.03264	0.012639	0.014652	-0.00812	0.013583	-0.01029
0.013768	0.029759	-0.0213	0.001621	-0.01846	0.001138	0.012815	-0.01118	-0.01832	-0.05611
0.014835	0.021958	-0.02922	0.018943	0.009395	0.022102	0.01731	-0.01303	-0.01245	-0.06159
0.006063	0.013599	-0.01253	0.034902	0.01757	0.051516	0.022901	0.020661	0.043851	-0.01438
-0.00717	0.02056	0.012778	0.024824	0.016685	0.052287	1.54E-04	0.017781	0.040288	0.034029
-0.03757	0.013128	-0.02128	0.002602	-0.01026	0.024955	-0.03294	-0.00822	-0.02861	0.010116
-0.04007	-0.02178	-0.08345	-0.01995	-0.01858	0.048424	0.023615	0.00206	-0.01402	0.006037
0.024277	-0.02615	-0.05768	0.001835	0.032731	0.081922	0.029193	0.016478	0.033589	0.001743
0.015038	-0.0231	-0.01168	0.026387	0.019328	0.068051	0.00862	0.047055	0.046367	0.027687
7.41E-05	0.011178	0.028716	-0.00814	-0.02906	0.041514	-0.01351	0.03543	0.010925	0.056976
0.021014	0.041217	0.021898	0.006441	-0.01322	0.055307	-0.01045	0.028307	0.007156	0.04086
0.044886	0.017777	0.002275	0.065361	0.025752	0.04514	0.023464	0.032779	-0.01456	0.011755
0.055215	-0.01016	0.013591	0.039914	0.009323	0.04864	0.051991	0.023692	-0.00655	0.018222
0.012099	-0.02572	0.032024	0.02095	0.007587	0.054829	0.035848	0.042336	0.037213	0.051827
-0.00156	-0.00836	0.045261	0.021771	-0.00418	0.04001	0.025007	0.050599	0.008175	0.025701
0.021331	0.023399	0.027034	0.040947	-2.09E-04	0.034161	-0.00104	0.027963	-0.01722	-0.01956
0.025163	-0.02829	-0.02225	0.026293	-0.0074	0.044771	-0.03205	0.016794	0.011015	-0.02407
0.025994	-0.03618	-0.00498	0.010314	-0.01208	0.022397	9.91E-04	0.023635	0.033001	0.022059
0.018331	-0.02118	0.030856	-0.01156	-0.01158	-0.00584	0.008602	0.046597	0.005034	0.033079
0.009452	-0.04774	0.021216	-0.02206	-0.03967	-0.01268	-0.00888	0.037297	-0.01741	0.004184
0.028135	-0.04625	0.007147	-0.01445	-0.02544	0.012838	-0.0304	0.030393	-0.00433	0.008575
-6.20E-04	-0.05179	0.029672	0.025916	0.051882	0.038838	-0.04047	0.013756	0.00637	0.030201
-0.02548	-0.02754	0.044076	0.01391	0.059684	-0.01433	-0.03179	-0.01497	0.002428	0.045242
0.010272	-0.00707	0.02223	-0.02181	0.00602	-0.01589	-0.00831	-0.01179	-0.02851	0.021474
0.05103	-0.02703	0.015367	-0.01087	0.002047	0.042558	0.021441	-0.01375	-0.04873	-0.0275
0.02424	-0.06483	0.002504	-0.00534	0.020813	0.035949	-0.01844	-0.0068	-0.01044	-0.01085
0.002055	-0.03263	0.010545	0.015176	0.028545	-0.00109	-0.04165	0.054678	0.048642	0.027898
0.024014	0.004014	0.030536	-0.01263	0.023331	-1.27E-04	-0.01073	0.053827	0.014782	0.031184
0.038186	0.009162	0.021916	-0.01588	-0.02701	-0.0113	0.002671	0.014014	-0.02818	0.011404
0.039198	1.11E-04	0.02129	0.014001	-0.02686	0.008933	-0.00728	0.014809	-0.0323	-0.0055
0.048753	-0.03183	0.031647	0.026821	0.008689	0.041224	-0.0215	0.024789	9.10E-04	-0.00783
0.021088	-0.0451	0.023486	0.012994	0.013363	0.027341	-0.03116	0.010115	0.013819	0.006365
0.003758	-0.00815	0.034275	-0.03304	-0.00895	-0.00552	-0.06574	1.23E-04	-0.02605	0.014382
0.021818	0.033742	0.036557	6.59E-04	-0.01135	0.015067	-0.04929	0.008397	-0.03065	0.003568
0.028344	-0.00763	0.023708	0.04886	0.033879	0.044809	-0.01835	0.010426	-0.06351	-0.0067
0.036672	-0.08224	-0.01726	0.015084	0.032807	0.048287	-0.03643	0.020717	-0.06608	0.021927
0.019894	-0.06827	-0.02165	-0.00113	0.021521	0.017253	-0.0465	0.055653	-0.0026	0.037617
0.014651	-0.01384	0.012597	-0.02696	-0.01265	-0.00385	-0.05372	0.020999	-0.02676	0.029778
0.02539	-0.00709	0.00761	-0.02811	-0.02633	0.017126	-0.03344	0.007049	-0.03726	0.024313

0.017496	-0.07385	-0.02434	0.001924	-0.01261	0.050845	-0.02732	0.031758	-0.05399	-0.01312
0.030631	-0.06974	-0.02507	0.028562	0.002707	0.046838	-0.05266	0.007759	-0.03534	-0.02539
0.0427	-0.0137	0.006381	0.003585	0.040076	0.029646	-0.0422	-0.00132	0.013529	0.010061
0.027528	-0.05026	0.027706	-0.02272	0.033113	-0.00198	-0.01954	0.024145	-0.01188	0.004165
0.032028	-0.05887	0.021456	0.021379	0.00532	3.09E-05	0.004321	0.025168	-0.04929	-0.02004
0.037952	-0.03643	0.042933	0.046858	0.004728	0.024732	-0.00803	0.00796	-0.05534	-0.00322
0.033679	0.01556	0.071934	0.050971	0.01032	0.009866	-0.02209	0.03929	-0.02376	0.004891
0.025409	0.011084	0.048013	-0.00536	0.013747	-0.01638	-0.05364	0.046458	-0.02542	0.002645
0.031645	-0.01737	0.01704	-0.01685	0.013198	-0.03672	-0.03692	0.029512	-0.04525	0.005509
0.043585	-0.02762	0.006702	-0.00868	-0.00384	-0.05209	-0.04022	0.013756	-0.05651	0.002411
0.008798	-0.03839	0.016039	-4.24E-04	0.002653	0.004175	-0.04999	-0.01495	-0.05493	0.005
-0.01958	-0.01987	0.027762	-0.016	0.02221	-0.01408	-0.05436	-0.0125	-0.03576	0.003224
-0.0217	-0.00311	0.033915	-0.0137	0.036321	-0.03562	-0.04479	-0.01134	0.00459	0.037754
0.016256	0.003756	0.014822	-0.04105	0.011047	0.008002	-0.01168	-0.01472	0.012767	0.024047
0.01941	-0.02627	0.008396	-0.01505	0.021297	0.046682	0.028756	0.019817	-0.01298	-0.00818
-0.02802	-0.04385	0.007557	0.016484	0.012267	-0.00522	-0.02562	0.025984	-0.037	-0.01488
-0.03251	-0.05269	-0.00291	-0.04066	-0.0056	-0.05686	-0.06348	0.006105	-0.01714	-2.01E-05
0.01219	-0.02526	0.003987	-0.03345	-0.00483	-0.06833	-0.04955	0.008835	0.00712	0.012678
0.045933	-0.02383	0.002204	-0.01927	0.015507	-0.01621	-0.01462	-0.01617	-0.04003	-0.02662
0.02439	-0.03202	0.024523	-0.01273	0.004853	0.003945	-0.01088	0.005942	-0.04091	-0.00541
-0.01253	-0.01701	0.013898	-7.78E-04	0.02072	-0.02565	-0.0157	0.03359	-0.00691	0.026502
-0.06555	-0.05177	-0.00898	-0.00636	0.008201	-0.03693	-0.02795	0.017446	0.011033	0.018466
-0.02707	-0.05585	-0.00843	-0.0304	-0.02636	-0.04779	-0.0349	-0.03198	-0.03407	-0.01853
-0.01322	-0.06876	0.016166	-0.00664	0.027561	0.006111	-0.0287	-0.04638	-0.08697	-0.05645
-0.0258	-0.05588	0.041427	0.025595	0.04591	0.01329	-0.03207	-0.01671	-0.06121	-0.04322
-0.05202	-0.05072	0.020646	-0.01935	0.0466	-0.00317	-0.02231	0.034693	0.019444	0.001239
-0.03812	-0.0524	-9.03E-04	-0.05523	0.021316	-0.01724	-0.01946	0.003988	0.022859	0.033894
0.027642	-0.01031	0.011984	-0.03787	0.010811	0.014505	0.001955	-0.01102	-0.01654	0.028051
-0.00578	-0.02383	0.035719	-0.01598	0.029056	0.062685	0.046491	0.022202	-0.04012	0.022551
-0.08389	-0.06321	0.036233	-0.0184	0.046008	0.011394	0.016718	0.039525	-0.03511	0.037656
-0.08389	-0.07166	0.004235	-0.04425	0.035165	-0.02029	0.009474	0.014476	-0.06286	0.033874
-0.02114	-0.01507	-0.00183	-0.06615	-0.00574	-0.02339	0.018181	-0.01476	-0.03623	0.017362
0.019633	-0.02187	0.025544	-0.03886	0.009884	-0.02538	-0.00693	-0.01598	-0.02323	0.025892
-0.00208	-0.0348	0.04725	0.030252	0.054006	0.0108	-0.00935	0.012594	-0.03558	0.044963
-0.01498	-0.00572	0.016603	-0.01483	0.053845	0.018625	0.043983	0.049615	0.007048	0.065348
0.00227	0.015655	-0.01934	-0.03759	0.049333	0.041553	0.072443	0.032625	0.014436	0.031725
-0.02951	0.002929	-0.02205	-0.05128	0.007587	0.015086	0.037145	-0.0192	-0.04091	-0.01782
-0.04043	-0.03717	-0.01432	-0.07566	-0.02041	-0.03218	-0.00855	-0.00717	-0.05734	-0.01894
-0.08405	-0.08649	-0.00383	-0.0391	-0.00139	-0.03241	-0.01511	0.026744	-0.01956	-0.00528
-0.07651	-0.0716	-0.027	-0.01142	-0.01077	-0.04097	-0.01548	-0.00833	9.98E-04	0.002068
-0.04874	-0.03657	-0.07257	-0.05656	-0.047	-0.08264	-0.02396	-0.03961	-0.00604	-0.00429
-0.06473	-0.05095	-0.07169	-0.07432	-0.00633	-0.0841	-0.01633	-0.00511	-0.00658	-0.00573
-0.05573	-0.05892	-0.03414	-0.0497	0.029929	-0.05102	-0.01777	-0.01412	-0.01668	0.015683
-0.09902	-0.08104	-0.04735	-0.0182	-0.0023	-0.06241	-0.00429	-0.01851	0.019444	0.060223
-0.13201	-0.06947	-0.06847	-0.02696	-0.05121	-0.06366	0.01022	-0.00576	0.040925	0.010465
-0.08916	-0.04882	-0.07307	-0.06398	-0.05837	-0.04857	0.014081	-0.03789	-0.00391	-0.04137
-0.08849	-0.07967	-0.10962	-0.09776	-0.06393	-0.04887	0.005725	-0.05343	-0.03279	-0.0042

-0.11103	-0.08224	-0.08075	-0.07244	-0.06665	-0.06941	-0.01753	-0.08178	-0.06569	-0.00224
-0.1265	-0.08558	-0.08058	-0.06447	-0.07486	-0.0918	-0.05452	-0.05024	-0.03488	-0.03071
-0.13817	-0.12382	-0.12654	-0.10944	-0.08719	-0.09344	-0.05646	-0.04712	-0.01558	-0.02559
-0.15757	-0.13993	-0.1199	-0.09716	-0.07183	-0.0879	-0.06284	-0.07995	-0.04254	-0.05641
-0.11859	-0.1238	-0.11355	-0.06578	-0.049	-0.08641	-0.06403	-0.08157	-0.04126	-0.04019
-0.12014	-0.12824	-0.12938	-0.07112	-0.07801	-0.11163	-0.06293	-0.11127	-0.0618	-0.02871
-0.15381	-0.12036	-0.10594	-0.07202	-0.11403	-0.12152	-0.08149	-0.11713	-0.06267	-0.09279
-0.12816	-0.11197	-0.10173	-0.09992	-0.09371	-0.06962	-0.0986	-0.08509	-0.06502	-0.12499
-0.10089	-0.075	-0.11134	-0.09453	-0.05811	-0.05176	-0.05252	-0.07354	-0.04789	-0.07295
-0.10792	-0.05951	-0.1002	-0.08461	-0.06431	-0.077	-0.03821	-0.0956	-0.05928	-0.04421
-0.1165	-0.0696	-0.09081	-0.06063	-0.09744	-0.09549	-0.07964	-0.10463	-0.08354	-0.07199
-0.08634	-0.09858	-0.12863	-0.07908	-0.08979	-0.10201	-0.08806	-0.11803	-0.0723	-0.0976
-0.08155	-0.09948	-0.13725	-0.10499	-0.10473	-0.11789	-0.09182	-0.10527	-0.09231	-0.11869
-0.08524	-0.05986	-0.07638	-0.09877	-0.10019	-0.12193	-0.09563	-0.10392	-0.12922	-0.11007
-0.07746	-0.04177	-0.05759	-0.08807	-0.13802	-0.13742	-0.09177	-0.11433	-0.12996	-0.0886
-0.07297	-0.02703	-0.06092	-0.0721	-0.11191	-0.1159	-0.10299	-0.12154	-0.09737	-0.09742
-0.05546	-0.03913	-0.07852	-0.07501	-0.07218	-0.11028	-0.10323	-0.11615	-0.08978	-0.11412
-0.06297	-0.03904	-0.07037	-0.04889	-0.04921	-0.09021	-0.0695	-0.10649	-0.11037	-0.10692
-0.04294	-0.02022	-0.03374	-0.00863	-0.02766	-0.05718	-0.03941	-0.1036	-0.11313	-0.08257
-0.05559	-0.01664	-0.04889	-0.02112	-0.05431	-0.0617	-0.04189	-0.06492	-0.07494	-0.07301
-0.07249	-0.0285	-0.07141	-0.0524	-0.09155	-0.06206	-0.04947	-0.07207	-0.0451	-0.09189
-0.0872	-0.03367	-0.04135	-0.04161	-0.0485	-0.04378	-0.063	-0.08327	-0.06211	-0.08612
-0.075	-0.01548	-0.02515	-0.05894	0.00784	-0.04884	-0.0321	-0.05773	-0.06084	-0.05567
-0.03889	-8.00E-04	-0.0493	-0.05251	-0.01809	-0.09555	-0.03074	-0.03539	-0.03326	-0.03057
-0.00319	0.008027	-0.06057	-0.01366	-0.02857	-0.06573	-0.04297	-0.02553	-0.02359	-0.08634
-0.02041	0.00721	-0.04886	-0.01632	-0.01945	-0.04134	-0.02114	-0.05857	-0.03337	-0.07561
-0.00911	0.011627	-0.04933	-0.01687	0.008761	-0.02712	-0.02095	-0.05264	-0.01524	-0.01354
-0.0305	0.010953	-0.03063	-0.01437	8.73E-04	-0.02086	-6.82E-04	0.006813	0.001069	-0.0091
-0.0544	0.006951	-0.01637	-0.01026	-0.03279	-0.03909	0.003818	0.011233	-0.00914	0.011331
-0.01719	0.009889	-0.01988	0.01369	-0.01493	-0.06075	-0.00899	-0.03113	-0.01609	-0.02
-0.03107	-0.00644	0.00404	-0.00718	-0.01054	-0.04688	-0.01852	-0.05091	-0.03376	-0.02935
-0.03355	-0.0187	-0.00874	-0.01047	0.001122	-0.02656	-0.02114	-0.04052	-0.05793	-0.01168
-0.01079	0.015957	-0.00402	0.006729	-0.01004	-0.06901	-0.01951	-0.03248	-0.04571	0.010576
-0.00965	0.031109	-0.04674	0.005127	-0.0187	-0.0547	-0.01716	-0.03083	-0.01656	-0.01145
-0.0043	0.018119	-0.06174	-0.02161	-0.02534	-0.01862	-0.00733	-0.07542	-0.05197	-0.07518
-0.01917	8.41E-04	-0.00929	-0.01062	-6.74E-05	-0.03481	-0.03159	-0.0675	-0.05317	-0.06454
0.008035	0.010935	0.010527	0.019593	0.016298	-0.02254	-0.00357	-0.00412	-0.00141	-0.00977
0.032757	0.030013	-0.03568	-1.56E-05	0.010048	-0.01125	0.018887	0.012042	-0.01646	0.001419
-0.00661	-0.00365	-0.04451	0.007866	0.006974	-0.02294	-0.01204	-0.05265	-0.03516	-0.02483
-0.02056	-0.0222	-0.0378	-0.02041	-0.01662	-0.05846	-0.01791	-0.07819	-0.06006	-0.04749
-0.02832	-0.01105	-0.01934	-0.02651	0.007804	-0.04754	0.008094	-0.0357	-0.06225	-0.02374
-0.03355	0.010262	-0.01333	-0.02112	0.024437	-0.02537	0.010512	-0.04741	-0.03666	0.011884
-0.0061	0.009013	-0.03888	-0.00385	-0.00855	-0.02596	-0.00579	-0.01769	9.10E-04	-0.02391
0.02823	0.023515	-0.01062	0.033443	-0.02693	-0.00814	-0.00256	-0.03659	0.012677	-0.02384
0.018164	0.02215	-0.01658	0.022761	-0.00736	-0.00449	-0.00485	-0.06499	-0.01005	-0.00272
0.023112	0.023765	-0.02863	0.005271	-0.00782	-0.01881	-0.00447	-0.05887	-0.01231	0.011755
0.022267	0.014956	-0.02509	-0.00624	-0.05983	-0.02087	0.006285	-0.05487	-0.02273	-0.01932

0.001251	-0.02313	-0.01306	0.007216	-0.04827	0.00836	0.026253	-0.0151	6.46E-04	-0.04767
-0.00937	-0.02762	-0.03958	0.001407	-0.01163	0.023786	-0.02129	-0.03508	-0.00377	-0.03139
-0.00673	0.014861	-0.02933	-0.00323	-0.01538	-0.00757	-0.0142	-0.04281	-0.00153	-0.00106
0.007691	0.018386	-0.00492	0.007902	-0.0327	-7.41E-04	0.004375	-0.04768	-0.01483	0.005291
-0.0068	-0.04983	-0.02414	-0.01187	-0.03795	0.01534	0.01243	-0.01843	-0.02476	-0.08639
-0.07821	-0.09398	-0.06123	-0.01968	-0.04146	9.97E-04	-0.03147	-0.00632	-0.02645	-0.08614
-0.06065	-0.04607	-0.03825	-0.01466	-0.07789	-0.04406	-0.07196	-0.04739	-0.02018	-0.08388
0.002037	-0.01324	-0.02361	-0.02139	-0.07447	-0.03987	-0.04572	-0.03751	0.003419	-0.05885
-0.00557	-0.02291	4.29E-04	-0.03829	-0.05511	-0.0136	-0.04514	-0.0381	-0.0107	-0.03489
-0.06992	-0.06756	-0.00113	-0.04997	-0.06592	-0.00376	-0.06775	-0.04717	-0.06402	-0.06275
-0.06996	-0.07853	-0.04807	-0.06847	-0.08217	-0.01438	-0.07607	-0.07155	-0.0698	-0.06553
5.73E-04	-0.06267	-0.04481	-0.04113	-0.08004	-0.03795	-0.11503	-0.08379	-0.0293	-0.04632
-0.0131	-0.07506	-0.03094	-0.05373	-0.04533	-0.01869	-0.10444	-0.07578	-0.02248	-0.06386
-0.0582	-0.0899	-0.01567	-0.06024	-0.05257	-7.58E-04	-0.06913	-0.0518	-0.04503	-0.07718
-0.05891	-0.10912	-0.02497	-0.07052	-0.05421	-0.03331	-0.06033	-0.04855	-0.08885	-0.08015
-0.06463	-0.11766	-0.03652	-0.04771	-0.05693	-0.06848	-0.10172	-0.06409	-0.10618	-0.09826
-0.09841	-0.1115	-0.06185	-0.08303	-0.08233	-0.08514	-0.1427	-0.05907	-0.07029	-0.08309
-0.11078	-0.09813	-0.09007	-0.12402	-0.07393	-0.04705	-0.11807	-0.06218	-0.06087	-0.06747
-0.08965	-0.10197	-0.05766	-0.09809	-0.05623	-0.05681	-0.08803	-0.0739	-0.10591	-0.09782
-0.03328	-0.08938	-0.03471	-0.08044	-0.07471	-0.08706	-0.11751	-0.09109	-0.12495	-0.08656
0.033122	-0.0366	0.002504	-0.056	-0.06191	-0.08126	-0.13534	-0.07501	-0.11162	-0.08119
0.032814	0.015352	0.01905	-0.06272	-0.0156	-0.00642	-0.07859	-0.04464	-0.11476	-0.08177
0.070901	0.048681	0.031006	-0.03062	0.007082	0.013997	-0.02686	-0.03575	-0.11921	-0.0711
0.179584	0.140681	0.106828	0.045299	0.014406	-7.41E-04	-0.02945	-0.02896	-0.11914	-0.07768
0.262119	0.238481	0.20133	0.078348	0.057291	0.080441	0.031617	0.033261	-0.05933	-0.0707
0.242575	0.24997	0.222307	0.12696	0.17866	0.174873	0.124113	0.116709	0.035912	-0.02672
0.31746	0.305375	0.296384	0.257269	0.283988	0.189748	0.139613	0.158284	0.087921	0.066811
0.373641	0.358614	0.368255	0.293262	0.321202	0.268139	0.17185	0.229888	0.177746	0.16517
0.376343	0.370862	0.349514	0.279497	0.316509	0.374171	0.280818	0.322011	0.260416	0.217261
0.329155	0.320634	0.387799	0.386892	0.365552	0.386174	0.37435	0.364999	0.264179	0.267461
0.3357	0.308073	0.430684	0.464004	0.412561	0.335105	0.342513	0.346932	0.296765	0.353209
0.40136	0.365371	0.370018	0.367307	0.334784	0.344896	0.314683	0.371431	0.384379	0.376585
0.415726	0.405168	0.374852	0.352188	0.348687	0.387929	0.35555	0.385499	0.361803	0.347176
0.329991	0.309075	0.340093	0.386243	0.428007	0.35991	0.37587	0.371768	0.276429	0.29377
0.341954	0.306112	0.332377	0.399401	0.420986	0.354874	0.311572	0.357356	0.314168	0.34606
0.426858	0.431395	0.416416	0.382843	0.340067	0.400501	0.325918	0.359111	0.375441	0.34435
0.430297	0.44272	0.406383	0.303817	0.288443	0.414586	0.378201	0.430808	0.396955	0.311575
0.375624	0.348365	0.398897	0.325278	0.399867	0.456784	0.459494	0.465699	0.392852	0.335241
0.403473	0.344438	0.426546	0.467324	0.499126	0.467466	0.394222	0.458236	0.420515	0.441502
0.431834	0.422668	0.460253	0.499466	0.50323	0.477889	0.409118	0.454094	0.49043	0.52184
0.422786	0.42031	0.476011	0.481185	0.447386	0.503528	0.501608	0.489773	0.479848	0.483244
0.402213	0.331844	0.421891	0.420571	0.440683	0.543042	0.5235	0.501478	0.443177	0.424854
0.38313	0.369835	0.357504	0.410085	0.484275	0.478153	0.429347	0.44284	0.429401	0.413354
0.396985	0.419734	0.38054	0.420618	0.460752	0.433408	0.412187	0.401524	0.447343	0.496952
0.415356	0.396857	0.438936	0.40972	0.352343	0.374503	0.450263	0.464916	0.44823	0.484064
0.370162	0.296658	0.342979	0.361107	0.280964	0.354477	0.374603	0.410868	0.419313	0.377954
0.256073	0.195458	0.214742	0.304246	0.346201	0.373341	0.286357	0.277611	0.37469	0.339536

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

210	211	212	213	214	215	216	217	218	219
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.002814	0.001407	7.04E-04	3.52E-04	1.76E-04	8.79E-05	4.40E-05	2.20E-05	1.10E-05	5.50E-06
0.689881	0.64862	0.627624	0.627286	0.72983	0.827307	0.791764	0.887428	0.969482	1.062269
0.256542	0.224397	0.226545	0.227151	0.25347	0.265383	0.262237	0.249563	0.295895	0.346292
0.064558	0.070908	0.104121	0.106764	0.105158	0.089244	0.087025	0.083241	0.122547	0.149421
-0.01624	-0.00904	0.023259	0.024111	0.02699	-0.01006	-0.00942	0.02272	0.040677	0.05513
-0.04889	-0.04218	-0.00799	-0.00511	-0.04128	-0.08496	-0.04548	-0.01681	-0.01675	0.005801
-0.05337	-0.05377	-0.07144	-0.03083	-0.0365	-0.10107	-0.07263	-0.06627	-0.0413	-0.02666
-0.03297	-0.0488	-0.1149	-0.06395	-0.05315	-0.07851	-0.0508	-0.07495	-0.10831	-0.05289
-0.03747	-0.07687	-0.12877	-0.08067	-0.0832	-0.08057	-0.03453	-0.06687	-0.13487	-0.07462
-0.15454	-0.14177	-0.09961	-0.11381	-0.1097	-0.09522	-0.05911	-0.08294	-0.07723	-0.10148
-0.17357	-0.12071	-0.01764	-0.04938	-0.08882	-0.10352	-0.09813	-0.10702	-0.05629	-0.08645
-0.00902	-0.00939	0.018634	-0.03015	-0.08098	-0.0844	-0.07414	-0.12757	-0.10688	-0.1126
0.019892	0.012032	-0.00327	-0.02158	-0.08108	-0.08326	-0.04912	-0.1097	-0.11188	-0.10069
-0.01755	-0.02043	-0.02674	-0.05284	-0.0769	-0.07425	-0.04799	-0.06859	-0.07491	-0.06323
-0.03885	-0.0952	-0.0545	-0.08967	-0.09241	-0.07076	-0.09858	-0.07296	-0.07628	-0.0888
-0.02435	-0.0956	-0.0746	-0.09423	-0.11903	-0.07837	-0.1003	-0.07479	-0.09901	-0.11056
-0.02672	-0.08432	-0.07075	-0.04634	-0.07716	-0.05519	-0.03895	-0.03616	-0.05809	-0.08575

-0.02443	-0.05796	-0.04238	-0.01562	-0.04554	-4.25E-05	0.06624	0.041072	0.00786	-0.05344
-0.05088	-0.07559	-0.02937	-0.03722	-0.00844	0.027729	0.082398	0.056441	-0.0046	-0.05938
-0.06553	-0.08118	-0.01723	-0.0052	0.019959	0.060084	0.04904	0.068946	0.028412	-0.01189
-0.038	-0.06474	-0.01938	0.025312	0.03722	0.066572	0.005056	0.056336	0.07974	0.015543
-0.03002	-0.0394	-0.04052	0.008051	0.004898	-0.00578	-0.06669	-0.00289	0.050536	-0.02663
-0.03803	-0.02421	-0.01148	-0.02121	-0.00546	0.006736	-0.04756	-0.041	-0.07192	-0.07751
-0.06618	-0.0494	0.038354	0.022951	0.003129	-0.02221	-0.05213	-0.02899	-0.11838	-0.08512
-0.06338	-0.08912	0.017462	0.032207	0.022352	-0.05894	-0.0755	-0.03114	-0.06075	-0.05171
-0.09299	-0.1066	-0.0241	-0.00539	-0.01656	-0.04588	-0.08511	-0.05646	-0.04402	-0.07409
-0.08197	-0.10114	-0.0594	-0.03834	-0.02707	-0.03151	-0.08166	-0.11728	-0.09854	-0.0993
-0.07606	-0.07121	-0.06831	-0.08403	-0.03089	-0.03813	-0.07337	-0.07577	-0.12454	-0.07586
-0.1319	-0.08356	-0.07297	-0.08949	-0.05391	-0.07416	-0.05134	-0.06213	-0.13223	-0.0666
-0.14447	-0.11983	-0.04541	-0.05518	-0.07665	-0.09895	-0.09004	-0.1071	-0.15141	-0.06729
-0.11329	-0.11239	-0.05084	-0.11029	-0.11723	-0.09568	-0.10488	-0.07566	-0.10529	-0.05588
-0.08092	-0.09206	-0.0976	-0.12399	-0.07377	-0.06163	-0.06707	-0.08518	-0.08708	-0.02887
-0.06678	-0.05442	-0.10464	-0.07635	-0.0285	-0.07405	-0.06218	-0.11782	-0.08092	-0.01229
-0.07807	-0.04851	-0.07091	-0.05685	-0.04639	-0.11845	-0.11376	-0.11611	-0.09012	-0.01443
-0.05802	-0.04174	-0.02163	-0.04208	-0.04172	-0.09528	-0.11736	-0.08067	-0.08371	-0.02671
-0.05476	-0.04772	-0.00708	-0.05318	-0.01956	-0.03052	-0.05726	-0.04275	-0.06692	-0.02476
-0.08264	-0.05623	-0.06019	-0.06418	-0.02611	-0.03973	-0.00817	-0.02924	-0.06158	-0.01083
-0.11777	-0.07715	-0.09673	-0.06069	-0.03955	-0.08761	-0.02702	-0.05649	-0.08019	-0.01369
-0.13938	-0.09314	-0.08581	-0.06628	-0.05114	-0.11704	-0.08132	-0.08828	-0.09341	-0.0825
-0.1124	-0.07988	-0.06731	-0.09566	-0.05173	-0.11001	-0.09299	-0.07423	-0.11085	-0.11396
-0.10418	-0.05288	-0.10364	-0.08923	-0.04874	-0.08303	-0.15823	-0.07281	-0.09488	-0.04606
-0.12154	-0.0819	-0.15869	-0.11837	-0.07628	-0.07735	-0.09032	-0.09915	-0.08196	-0.03893
-0.12011	-0.0985	-0.14584	-0.09147	-0.08727	-0.12162	-0.09195	-0.13457	-0.1017	-0.07662
-0.09553	-0.07499	-0.10397	-0.06773	-0.06452	-0.09722	-0.08981	-0.12895	-0.07841	-0.0828
-0.07099	-0.08491	-0.10077	-0.07416	-0.06009	-0.07093	-0.05487	-0.1062	-0.09278	-0.05455
-0.06773	-0.10734	-0.11176	-0.09093	-0.05042	-0.07128	-0.05267	-0.0904	-0.0747	-0.04352
-0.08344	-0.10032	-0.09929	-0.0908	-0.05791	-0.0723	-0.06843	-0.07046	-0.03769	-0.06543
-0.09647	-0.04288	-0.07922	-0.05059	-0.06491	-0.09522	-0.05346	-0.06079	-0.05163	-0.08336
-0.09713	-0.03379	-0.07016	-0.05268	-0.05696	-0.07518	-0.01818	-0.05658	-0.0668	-0.06479
-0.07143	-0.07139	-0.08283	-0.05612	-0.04182	-0.05161	-0.01781	-0.06102	-0.05736	-0.02623
-0.05551	-0.07508	-0.09188	-0.03946	-0.05954	-0.07087	-0.04584	-0.08417	-0.06372	-0.02192
-0.08351	-0.07526	-0.11667	-0.06491	-0.08859	-0.1094	-0.08804	-0.11916	-0.05845	-0.06163
-0.0958	-0.06816	-0.11581	-0.10235	-0.08763	-0.1051	-0.09972	-0.11078	-0.04881	-0.09196
-0.08159	-0.06183	-0.08905	-0.06298	-0.0544	-0.06693	-0.06251	-0.08276	-0.03955	-0.06293
-0.03939	-0.0597	-0.07295	-0.0463	-0.04605	-0.04408	-0.05228	-0.09311	-0.03396	-0.05635
-0.05842	-0.0594	-0.0717	-0.06332	-0.07787	-0.04439	-0.05978	-0.11841	-0.04987	-0.07499
-0.08194	-0.06704	-0.12827	-0.07751	-0.07718	-0.08153	-0.06411	-0.09537	-0.05372	-0.08663
-0.08533	-0.09028	-0.11962	-0.04761	-0.06488	-0.09678	-0.06344	-0.07237	-0.04793	-0.07785
-0.06267	-0.07935	-0.09199	-0.02273	-0.04187	-0.0782	-0.08962	-0.09557	-0.04741	-0.03908
-0.06695	-0.0872	-0.1047	-0.04959	-0.07752	-0.07258	-0.10613	-0.08717	-0.05552	-0.05325
-0.05758	-0.06684	-0.09124	-0.08695	-0.10495	-0.0815	-0.09792	-0.07099	-0.07098	-0.11757
-0.05888	-0.05661	-0.10173	-0.09733	-0.09606	-0.07587	-0.07232	-0.07333	-0.08658	-0.11659
-0.06762	-0.0822	-0.1053	-0.09831	-0.13341	-0.0755	-0.07915	-0.06287	-0.07341	-0.10836
-0.06202	-0.0956	-0.08912	-0.08839	-0.11062	-0.0473	-0.10127	-0.07068	-0.05449	-0.08621

-0.08452	-0.1002	-0.06599	-0.09032	-0.09029	-0.04894	-0.10909	-0.08989	-0.06583	-0.08743
-0.06946	-0.08552	-0.06964	-0.0995	-0.12446	-0.07414	-0.09131	-0.06735	-0.08031	-0.10811
-0.04798	-0.0834	-0.08876	-0.06531	-0.10632	-0.05809	-0.09642	-0.09255	-0.08957	-0.09206
-0.07432	-0.12131	-0.10685	-0.05434	-0.07968	-0.0532	-0.10772	-0.11221	-0.09257	-0.13036
-0.08573	-0.12571	-0.10013	-0.09617	-0.0897	-0.0587	-0.09487	-0.10609	-0.09294	-0.13688
-0.06034	-0.10939	-0.06944	-0.10218	-0.1042	-0.0854	-0.09988	-0.0972	-0.10104	-0.07394
-0.05743	-0.12146	-0.06898	-0.06387	-0.10102	-0.09393	-0.14058	-0.07324	-0.08471	-0.08188
-0.08731	-0.14024	-0.06594	-0.04704	-0.06048	-0.06762	-0.15161	-0.07247	-0.10602	-0.12796
-0.11482	-0.13752	-0.07866	-0.06668	-0.02535	-0.08437	-0.10266	-0.04842	-0.09045	-0.10328
-0.11621	-0.10828	-0.0844	-0.116	-0.05052	-0.1043	-0.11575	-0.05001	-0.05978	-0.0408
-0.08518	-0.08524	-0.07167	-0.12586	-0.05225	-0.07104	-0.11407	-0.06562	-0.08948	-0.05193
-0.04713	-0.06634	-0.05221	-0.108	-0.03242	-0.03661	-0.10445	-0.09689	-0.13181	-0.06294
-0.02471	-0.03804	-0.02803	-0.08099	-0.03543	-0.05626	-0.08587	-0.06976	-0.10061	-0.04405
-0.09338	-0.0932	-0.04572	-0.08675	-0.0561	-0.11058	-0.08368	-0.03344	-0.05043	-0.01773
-0.0981	-0.10242	-0.08448	-0.10996	-0.07662	-0.11436	-0.06996	-0.05019	-0.07605	-0.03236
-0.04392	-0.06541	-0.06502	-0.09203	-0.06759	-0.0997	-0.08765	-0.08071	-0.09573	-0.03633
-0.08548	-0.08022	-0.02427	-0.06275	-0.05166	-0.07397	-0.07668	-0.05568	-0.07697	-0.02924
-0.1273	-0.12583	-0.03505	-0.06326	-0.04526	-0.07256	-0.04599	-0.03347	-0.1017	-0.05026
-0.11368	-0.09478	-0.0527	-0.06615	-0.06759	-0.10172	-0.06832	-0.03418	-0.11066	-0.04179
-0.06923	-0.04721	-0.05353	-0.08426	-0.05785	-0.12936	-0.06278	-0.04227	-0.0804	-0.0278
-0.07344	-0.07957	-0.03441	-0.05718	-0.03098	-0.10109	-0.05015	-0.0342	-0.07607	-0.02646
-0.10218	-0.0844	-0.0457	-0.03646	-0.02078	-0.06114	-0.04848	-0.04541	-0.08631	-0.04889
-0.09416	-0.06823	-0.07626	-0.07836	-0.04523	-0.0775	-0.06052	-0.06987	-0.06168	-0.04733
-0.08458	-0.05309	-0.09526	-0.09482	-0.07028	-0.09663	-0.06137	-0.08741	-0.04077	-0.03311
-0.07444	-0.05152	-0.08625	-0.08824	-0.04565	-0.07605	-0.03875	-0.07899	-0.08066	-0.03955
-0.06499	-0.01697	-0.05043	-0.07423	-0.02123	-0.05793	-0.02552	-0.08952	-0.11519	-0.03602
-0.09983	-0.02633	-0.03254	-0.0344	-0.02245	-0.06387	-0.02011	-0.08349	-0.09332	-0.03705
-0.10515	-0.0481	-0.04681	-0.01874	-0.03738	-0.05369	-0.01197	-0.04813	-0.04362	-0.05922
-0.07873	-0.03876	-0.0871	-0.04227	-0.04255	-0.05	-0.02275	-0.0609	-0.06527	-0.08499
-0.09179	-0.04179	-0.08168	-0.0219	-0.02634	-0.07368	-0.03599	-0.08758	-0.07499	-0.07827
-0.08224	-0.02675	-0.08179	-0.04547	-0.01939	-0.08452	-0.06529	-0.10725	-0.02747	-0.03479
-0.06442	-0.02379	-0.07838	-0.05604	-0.07204	-0.08054	-0.03672	-0.06992	-0.02286	-0.07284
-0.05045	-0.04951	-0.07451	-0.03415	-0.11496	-0.11306	-0.0172	-0.03242	-0.039	-0.10947
-0.03737	-0.06272	-0.08031	-0.02651	-0.06882	-0.08731	-0.02599	-0.05785	-0.05925	-0.09155
-0.04018	-0.04683	-0.0859	-0.03502	-0.02436	-0.05453	-0.02615	-0.05784	-0.02878	-0.06494
-0.05072	-0.03846	-0.10575	-0.04707	-0.05908	-0.06093	-0.01107	-0.03752	0.020862	-0.02715
-0.04989	-0.05086	-0.07232	-0.03435	-0.08889	-0.05363	-0.01299	-0.04549	-0.00154	-0.0563
-0.04573	-0.0596	-0.05287	-0.02367	-0.06717	-0.01871	-0.04112	-0.0421	-0.03948	-0.09524
-0.04353	-0.04764	-0.07217	-0.02048	-0.05315	-0.0087	-0.0538	-0.04113	-0.0283	-0.07036
-0.01086	-0.03464	-0.04683	-0.00387	-0.03245	-0.01423	-0.07558	-0.05206	-0.01453	-0.06031
-0.02504	-0.01476	-0.01115	-0.00724	-0.03224	-0.02202	-0.09409	-0.08388	-0.04203	-0.05144
-0.05259	-0.04061	-0.02183	-0.05514	-0.03085	-0.02374	-0.05949	-0.04353	-0.07646	-0.05406
-0.04403	-0.08444	-0.05807	-0.05422	-0.01914	-0.02723	-0.08085	-0.04571	-0.08358	-0.05844
-0.05824	-0.08176	-0.04495	-0.03323	-0.02049	-0.02912	-0.08545	-0.03594	-0.05966	-0.04733
-0.03534	-0.08498	-0.04377	-0.05101	-0.03532	-0.05605	-0.09296	-0.0207	-0.04647	-0.06
-0.02656	-0.0633	-0.02955	-0.07285	-0.0569	-0.05395	-0.07693	-0.02594	-0.04836	-0.03699
-0.06897	-0.07093	-0.02715	-0.05856	-0.04586	-0.04504	-0.05134	-0.05289	-0.09953	-0.02686

-0.07263	-0.07895	-0.01831	-0.02153	-0.01435	-0.06433	-0.07919	-0.06156	-0.12965	-0.04114
-0.01129	-0.02946	-0.00178	-0.03051	-0.03425	-0.04974	-0.07812	-0.02551	-0.10104	-0.02737
0.001305	-0.03833	-0.01238	-0.05318	-0.03466	-0.03843	-0.06649	-0.01033	-0.04691	-0.00167
-0.04888	-0.0597	-0.04482	-0.05997	-0.0269	-0.03829	-0.04567	-0.01839	-0.04505	-0.03005
-0.06555	-0.05586	-0.06245	-0.06229	-0.04444	-0.08609	-0.03224	-0.04775	-0.06522	-0.03014
-0.06975	-0.05455	-0.06874	-0.05273	-0.05305	-0.0811	-0.05264	-0.05904	-0.04479	-0.01727
-0.03855	-0.03387	-0.05046	-0.05596	-0.03375	-0.05189	-0.06073	-0.03071	-0.02675	-0.01925
-0.03481	-0.02396	-0.05538	-0.06286	-0.0186	-0.04548	-0.05396	-0.03425	-0.0591	-0.01001
-0.05871	-0.02265	-0.05078	-0.0271	-0.00363	-0.04002	-0.02293	-0.05822	-0.07323	0.003368
-0.08124	-0.02066	-0.01441	-0.00207	-0.02537	-0.07447	-0.0493	-0.08427	-0.05758	-0.02708
-0.05431	-0.0011	-0.00998	-0.03466	-0.03856	-0.06864	-0.02032	-0.08394	-0.03877	-0.03697
-0.03747	0.002185	-0.04442	-0.05536	-0.01872	-0.08377	-0.01617	-0.05972	-0.04222	-0.00408
-0.03928	-0.01442	-0.05297	-0.03113	0.007565	-0.06592	-0.03358	-0.07454	-0.05114	-1.05E-04
-0.05725	-0.03075	-0.07405	-0.00679	-0.01404	-0.04621	-0.02176	-0.08596	-0.04829	-0.04119
-0.06638	-0.01257	-0.0649	0.002309	-0.06083	-0.07826	-0.03471	-0.07981	-0.02391	-0.06119
-0.0254	0.015175	-0.0239	-0.01125	-0.05807	-0.07011	-0.05012	-0.08512	-0.01961	-0.04344
0.008667	0.015083	-0.02967	-0.04472	-0.01115	-0.01759	-0.02148	-0.05552	-0.01747	-0.02169
-0.02494	-0.01681	-0.05424	-0.03381	-0.02326	-0.01739	-0.02867	-0.05131	1.45E-06	0.005259
-0.07314	-0.0263	-0.06582	-0.00878	-0.03973	-0.02956	-0.01199	-0.03869	-0.01293	-0.01404
-0.05025	-0.002	-0.06737	-0.01722	-0.04609	-0.0343	0.007675	-0.02082	-0.03715	-0.04916
0.016062	0.01085	-0.06911	-0.02516	-0.05299	-0.01604	0.012282	-0.02319	-0.04875	-0.07103
0.01569	0.017141	-0.03261	0.007455	-0.01111	-0.00174	-0.02501	-0.01844	-0.01551	-0.06788
-0.06626	-0.02399	-0.01656	0.030968	0.013926	-0.00534	-0.0558	1.56E-04	0.002806	-0.02989
-0.08285	-0.0316	-0.02686	-0.00848	-0.03571	-0.0014	-0.02007	0.011781	-0.01754	-0.03029
-0.01314	-0.00115	-0.02738	-0.01298	-0.05862	0.001408	-0.00646	0.003836	-0.00797	-0.05009
0.027941	-0.00663	0.008745	0.016715	-0.01156	0.021676	-0.02194	-0.0072	0.011423	-0.04343
0.019704	-0.04116	0.019119	0.023343	0.022167	0.001003	-0.0383	0.003652	0.024035	-0.02658
-7.75E-04	-0.05121	-0.00694	-0.0365	-0.01577	-0.04182	-0.03071	0.022991	0.032873	0.032851
0.00336	-0.02703	-0.03172	-0.06311	-0.07343	-0.01669	-0.0145	0.021525	-0.01379	-0.00935
0.027425	-0.00437	0.001576	-0.02187	-0.05774	0.008097	-0.05569	-0.00751	-0.05572	-0.07902
0.008082	-0.03384	0.03428	0.017656	0.00488	0.029922	-0.0297	0.024558	0.001893	-0.00628
-0.03551	-0.03942	0.016201	-0.03438	0.013203	-0.00266	-0.00602	0.029705	-1.44E-04	0.018827
-0.01735	-0.02688	-0.0096	-0.0589	-0.01014	-0.02078	0.002287	0.011141	-0.05544	0.003584
0.017683	-0.04633	-0.01276	-0.02919	-0.00269	-0.01364	-0.02843	-0.01117	-0.02262	-6.93E-04
9.82E-04	-0.05714	0.017146	-0.00308	0.028541	0.003158	-0.05723	-0.00708	-0.01063	0.017822
-0.01089	-0.02073	0.045567	-0.00744	0.037163	0.003786	-0.03907	0.028041	-0.01268	0.049597
-0.00766	0.006406	0.031738	-0.03114	-0.00212	-0.03132	-0.02426	0.038662	-0.0208	0.026758
-8.82E-04	-0.00656	0.008235	-0.02429	-0.01795	-0.0393	-0.00555	0.023744	-0.02387	0.024337
0.016192	-0.04392	-0.00343	-0.00952	0.012517	-0.00648	0.006837	0.032835	-0.01778	0.032428
-0.00991	-0.06243	-0.0027	-0.02869	0.007583	0.003823	-0.01979	0.022971	-0.02325	0.016375
-0.01963	-0.02909	0.011558	-0.03677	-0.00377	-0.03301	-0.02895	0.01378	-0.01565	0.007376
-0.01075	0.005454	-0.00348	-0.0422	0.001244	-0.02186	-0.01665	-0.01492	-0.01863	0.010088
-0.00956	-0.02869	-0.01553	-0.03616	-0.00785	-0.04009	-0.02007	-0.02945	-0.05373	0.00479
-0.03888	-0.04472	0.019697	0.011642	-0.00689	-0.04664	-0.02687	-0.05695	-0.05826	0.038661
-0.04642	-0.003	0.039368	0.035465	0.023609	-0.0067	-0.03298	-0.05206	-0.02869	0.046807
-0.0012	0.035794	0.030205	0.010659	0.043007	-0.00682	-0.03014	-0.01222	-0.03295	0.030626
0.0293	0.048795	0.002006	-0.03139	0.007672	-0.02999	-0.01244	-0.03607	-0.03199	0.012559

0.002223	-0.00201	0.006565	-0.03633	0.007476	-0.04858	0.003817	-0.01783	-0.03317	0.004322
-0.06177	-0.02936	0.014242	-0.02114	0.027849	-0.04489	-0.00508	0.004872	-0.05245	0.012339
-0.08741	-0.01924	0.033199	0.011168	0.038866	-0.03784	-0.01158	0.029156	-0.01815	0.022061
-0.06572	-0.03244	6.99E-04	-0.02844	0.00442	-0.03829	-0.02121	0.010128	-0.00863	1.27E-04
-0.04161	-0.04219	-0.04817	-0.08299	-0.00736	-0.04706	-0.00389	-0.0135	-0.04155	-0.02392
-0.03688	-0.04248	-0.05086	-0.07164	0.026729	-0.02744	0.018616	0.003006	-0.07845	-0.01348
-0.03538	-0.01032	-0.00583	-0.05386	0.014723	-0.02273	-0.00253	0.002545	-0.04016	0.024281
-0.06862	-0.00772	-0.00692	-0.02316	-0.02804	-0.05764	-0.01215	-0.01407	-0.00996	0.004232
-0.07849	-0.01022	-0.04295	-0.00279	-0.05333	-0.07842	-0.00974	-0.03119	-0.01275	-0.04923
-0.03091	0.001829	-0.03657	-0.0354	-0.0339	-0.05513	0.009093	-0.07007	-0.03802	-0.05112
-0.02153	0.012742	-0.01085	-0.02942	-0.00358	-0.04543	-0.0066	-0.06114	-0.03845	-0.00101
-0.05533	9.40E-04	0.003137	0.001046	0.017817	-0.03448	-0.02528	-0.01644	-0.01203	-0.00105
-0.04566	-0.0255	-0.03054	-0.00246	-0.03492	-0.02355	-0.01552	-0.01362	-0.01005	-0.03034
0.00271	-0.00332	-0.02713	-0.01048	-0.04174	0.002015	0.007749	-0.01956	9.83E-04	-0.0316
-0.0266	0.002683	-0.01378	-0.00805	0.001525	-0.00794	-0.01197	-0.02737	-0.00159	0.004682
-0.03488	0.027564	0.013873	-0.0059	0.043549	-0.01665	-0.00443	-0.0076	-0.00665	0.001449
-0.02103	0.035967	0.030722	0.020974	0.019372	-0.02476	0.02941	0.003966	0.007564	-0.00137
-0.03773	0.013747	-0.02834	0.004221	-0.01582	-0.02282	0.030292	-0.02392	0.022943	0.011129
-0.02591	0.009309	-0.06553	-0.02753	-0.00675	0.001776	-0.0103	-0.06732	-0.00541	-0.02186
-0.02833	-0.01188	-0.08638	-0.02397	0.012697	-0.00927	-0.02225	-0.08048	-0.01421	-0.02683
-0.02423	0.010414	-0.06174	-0.01399	-0.00904	-0.0359	0.006131	-0.03311	0.014471	-0.01828
0.007006	0.043164	-0.01711	-8.34E-04	-0.05418	-0.07023	0.016957	0.013157	0.035662	-0.02832
0.001629	0.005687	-0.03926	-0.00615	-0.05477	-0.06398	-0.01538	0.002987	0.006034	-0.04244
-0.01368	-0.01743	-0.0538	-0.02162	-0.03808	-0.01506	-0.05129	-0.06097	-0.0393	-0.01652
-0.02682	0.001473	-0.0211	0.013192	-0.02215	-0.01135	-0.0474	-0.0567	-0.02222	-0.01172
-0.03258	0.017861	-0.01873	0.025594	-0.01365	0.004748	-0.02202	-0.07247	-0.00923	-0.00523
-0.09269	-0.01038	-0.07223	-0.012	-0.03775	0.011565	-0.02087	-0.05072	-0.00288	-0.00739
-0.07007	-0.02921	-0.07419	-0.00485	-0.04895	-0.00877	-0.05461	-0.00963	-0.00691	-0.05292
-0.02122	-0.04169	-0.05637	-0.00602	-0.05372	0.003435	-0.03081	-0.02935	-0.03865	-0.039
-0.0241	-0.01022	-0.02987	-0.00893	-0.07036	0.012243	0.003817	-0.01963	-0.0681	-0.04658
-0.03689	-0.01351	0.007109	0.039913	-0.0049	0.037468	0.006076	-0.01546	-0.0342	-0.04218
-0.02391	-0.02107	0.006475	-0.00371	0.007887	0.027768	-0.008	0.002895	-0.04084	-0.04344
0.003541	-0.00251	-0.01071	-0.00698	-0.01363	0.004841	-0.01091	0.024325	-0.05714	-0.03997
-0.00254	-0.00465	-0.0338	-0.00815	-0.01215	0.007891	-0.00892	0.036127	-0.00674	0.012853
0.012413	-0.00967	-0.04102	-0.03371	-0.0166	0.015042	-0.02623	0.025567	0.007232	0.024715
0.014187	-0.02058	-0.04811	-0.03777	-0.01715	-0.00967	-0.02869	0.002213	-0.02219	3.59E-04
-0.01366	-0.00682	-0.03321	-0.06984	-0.03535	-0.02266	-0.02157	-0.02667	-0.04977	-0.00196
-0.06235	-0.05058	-0.02102	-0.05233	-0.02919	-0.05584	-0.05218	-0.05417	-0.05626	0.004808
-0.01867	-0.05626	-0.00646	-0.01707	-0.01962	-0.0482	-0.04463	-0.01837	-0.06529	-0.00153
0.009967	-0.02926	0.019249	0.013594	-0.00911	0.009368	-0.02324	-0.00426	-0.06692	-0.01684
0.002151	-0.02243	0.029498	0.009734	0.018365	0.019677	-0.01324	-0.02246	-0.04343	-0.00772
-2.74E-04	-0.03228	-0.03416	-0.05211	0.023498	-0.01158	0.006763	-0.01054	-0.03507	-0.01019
-0.03572	-0.08044	-0.06203	-0.07129	0.005519	-0.04936	-0.02154	0.008873	0.003684	0.012614
-0.00388	-0.06284	-0.01954	-0.02721	-0.00687	-0.0422	-0.05787	-0.02178	-0.03418	0.011862
0.051004	-0.0073	0.02022	-0.01196	-0.00161	-0.02621	-0.05912	-0.01156	-0.05551	0.002703
0.015337	-0.00314	0.013689	-0.04246	0.010662	-0.01292	-0.03635	-0.0112	-0.03908	0.025187
-0.01829	-0.02613	-0.01255	-0.04246	0.024572	-0.0111	-0.01019	-0.04909	-0.03684	0.027632

-8.47E-04	-0.02399	-0.0072	-0.04291	0.00465	-0.03833	-0.0312	-0.06268	-0.01971	0.002811
0.007425	-0.03976	-0.00105	-0.04206	0.014451	-0.04192	-0.05251	-0.04824	-0.04738	-0.01756
-0.0341	-0.03994	-0.03477	-0.07891	0.004136	-0.02814	-0.01799	-0.01747	-0.05978	0.010361
-0.06239	-8.84E-04	-0.0382	-0.05515	-0.01747	-0.01857	0.018044	-0.04645	-0.0679	0.012265
-0.0764	-0.03346	-0.0324	-0.0101	-0.01435	-0.03705	0.006187	-0.04333	-0.05113	-0.00933
-0.06903	-0.05201	-0.009	-0.01198	-2.83E-04	-0.04675	-0.00575	-0.02627	-0.03942	-0.0154
-0.0573	-0.04946	-0.01249	-0.03111	0.003199	-0.09043	-0.0038	-0.01832	-0.03039	-0.02601
-0.02838	-0.01555	-0.01155	-0.04246	0.002617	-0.06987	4.70E-04	-0.03626	-0.02842	-0.01003
-0.03213	0.011213	-0.01745	-0.04383	0.009371	-0.01771	0.01398	-0.04976	-6.52E-04	0.020189
-0.04091	6.39E-04	-0.02214	4.07E-04	0.015104	-0.03184	0.013545	-0.02126	0.024592	0.00434
-0.04068	0.01468	-0.00337	0.005566	0.001771	-0.05648	-0.0064	-0.06298	0.005463	-0.02384
-0.01581	0.032212	0.014869	-0.01797	-0.02753	-0.07039	0.011116	-0.0517	-0.01469	-0.01819
-0.04034	-0.00404	-0.01066	0.005673	0.005892	-0.03418	0.009523	-0.03235	-0.02878	1.45E-04
-0.08181	-0.02597	-0.02484	0.012188	-0.00901	-0.01983	-0.02707	-0.03619	-0.00298	-0.01602
-0.07132	-0.01514	-0.0041	0.033125	-0.05755	-0.07679	-0.03288	-0.0451	0.010344	-0.0252
-0.03873	-0.02461	-0.01553	0.025274	-0.03266	-0.0645	9.28E-04	-0.03344	0.010567	-0.04046
-0.01354	-0.02393	-0.05151	0.022652	0.020216	-0.02144	0.034433	-0.0283	-0.00139	-0.07062
-0.02201	-0.01634	-0.06228	0.00338	0.021725	0.007425	-0.00191	-0.05287	-0.00194	-0.04368
-0.04599	-0.01938	-0.05	6.55E-04	0.01122	0.012941	-0.03799	-0.054	0.004802	0.002506
-0.01641	0.029228	-0.00622	0.039621	-0.01626	-0.00762	-0.02857	-0.00684	-0.0015	-0.01895
0.02421	0.032899	-0.02015	0.003327	-0.06272	-0.04449	0.007954	0.004854	0.01955	-0.02758
0.030702	-0.02337	-0.05564	-0.00588	0.010806	2.69E-04	0.003817	-0.02556	0.028974	-0.01554
-0.00622	-0.043	-0.02287	0.021234	0.024702	0.030571	-0.02011	-0.01376	0.022293	0.008775
-0.03143	-0.03348	-0.00222	0.00686	-0.05588	-0.00456	0.003669	0.037283	0.014284	0.017711
-0.00984	-0.01069	-0.04414	-0.0162	-0.05414	-0.01292	-0.03144	0.003578	-0.01014	-0.01031
0.001629	-0.0264	-0.06348	-0.00623	4.36E-04	0.021522	-0.02711	-0.01951	-0.0212	-0.00392
0.014577	-0.03699	-0.04287	0.006446	0.054698	0.022467	-0.02853	0.027241	-0.01014	0.021667
0.003035	-0.02425	-0.00196	-0.00188	0.048127	-0.01331	-0.06137	0.006785	-0.02845	0.019106
0.024267	-0.01003	0.01633	0.003416	0.01342	-0.01331	-0.02841	0.003356	-0.02912	0.012449
0.069325	0.027658	0.0217	-0.03124	-0.01687	-0.0198	-0.04032	-0.00211	-0.05576	-0.00236
0.061635	0.008965	0.008363	-0.0514	-4.23E-04	-0.0228	-0.04198	-0.00646	-0.0726	0.013239
-0.00816	-0.01678	0.008708	0.014308	0.058513	-0.0137	-0.00912	0.025722	-0.04245	0.032601
-0.04463	-0.01303	0.004361	-0.02303	0.030192	0.005397	0.017491	0.037283	-0.00388	0.034702
-0.03727	-0.02597	-0.02827	-0.11571	6.29E-04	-0.01623	0.018731	-0.00823	-0.0579	-0.00201
-0.01805	-0.04243	-0.01172	-0.10199	0.008244	-0.05584	-0.03788	-0.00657	-0.08254	0.015672
-0.02479	-0.01077	0.034995	-0.03387	-0.00322	-0.05122	-0.02065	0.005744	-0.03971	0.046569
-0.02516	0.002737	0.032795	-0.01588	4.01E-04	-0.03895	-0.002	0.011611	0.010715	0.023433
-0.03059	-0.01548	-0.02688	-0.02091	-0.00608	-0.04082	0.010309	6.88E-04	0.021167	0.003116
-0.02282	-0.021	-0.08549	-0.04832	0.008923	-0.04097	-0.00564	-0.05229	-0.01388	0.028393
-0.00165	-0.01824	-0.04277	-0.0078	0.047032	-0.00105	0.002803	-0.05533	-0.01083	0.039734
-0.01344	-0.02625	0.031239	0.065304	0.054043	0.013791	0.026852	4.13E-04	-0.01632	-0.00236
-0.00713	-0.00892	-0.02473	0.004579	8.22E-04	-0.02721	0.037235	0.007473	0.005629	-0.04048
-0.00956	0.020898	-0.04327	-0.04014	-0.00268	-0.0201	-0.00318	-0.06006	-0.04018	-0.03728
0.003866	0.026904	-0.00249	0.007581	0.016286	-0.02944	-0.04343	-0.06178	-0.03451	-0.00376
-0.0374	0.031431	0.018057	0.022633	0.051154	-0.00843	0.003393	-0.01837	0.024803	0.017655
-0.09087	0.017086	0.007545	0.016402	0.028242	0.00473	0.04415	0.009416	0.056573	0.025244
-0.05361	0.012524	-0.0377	-0.00691	-0.01431	-0.02113	0.033661	0.026111	0.044099	-0.0165

-0.02195	0.00126	-0.06298	-0.01141	-0.00741	-0.01913	-0.01948	-0.02717	0.001802	-0.05245
-0.02677	0.002398	-0.05111	-0.00799	0.013781	-0.0124	-0.0082	-0.03626	0.009749	-0.04216
0.009088	0.050582	0.012328	0.017748	0.009568	-0.01443	0.020915	-0.01398	0.025515	-5.68E-04
0.010793	0.043066	0.01609	0.042486	0.006906	-0.00538	0.01833	-0.01275	-0.00136	-0.01994
0.026395	0.022051	2.07E-05	0.045448	0.019537	0.001904	-0.02187	-0.03562	-0.00999	-0.02646
0.032109	0.031926	0.001325	0.040301	0.009675	-0.01306	-0.05311	-0.06365	-0.0028	-0.01381
0.008557	0.045832	-0.00585	0.03133	0.014633	-0.0122	-0.01913	-0.03068	0.017768	-0.03203
-0.0066	0.027338	-0.01781	0.007004	-0.02311	-4.64E-04	0.003928	-0.00738	0.005592	-0.04463
0.011382	-0.00525	-0.022	-0.02524	-0.02578	0.022158	-0.0087	0.013724	-0.02337	-0.0304
0.025881	-0.02989	-0.06344	-0.00422	0.016213	0.027163	-0.02478	-0.02236	-0.01857	-0.0237
0.026605	-0.02263	-0.03845	0.037239	-0.01774	0.008041	-0.03503	-0.02605	0.01286	0.012027
0.062752	0.01884	0.030358	0.052733	-0.02542	-0.01366	-0.07507	-0.00574	0.041834	0.052969
0.058404	0.038224	0.065291	0.038167	0.022832	0.016125	-0.05965	0.010935	0.035544	0.026853
0.029511	-0.0188	0.021531	-7.23E-05	0.00623	0.011772	-0.04082	0.036326	-0.0023	0.026209
0.015932	-0.03187	-0.03406	0.014565	0.010986	0.007257	-0.06812	-0.0176	-0.01577	0.037532
0.013836	-0.01312	-0.01184	0.00623	-0.01821	0.023878	-0.0774	-0.0377	-0.01714	0.016431
0.024609	0.010124	0.032103	-0.02658	-0.01425	0.046818	-0.03488	0.016626	0.008155	0.020712
0.011308	0.001065	0.037769	-0.00286	0.021154	0.04399	0.02203	0.037383	-0.01318	0.029269
0.03003	-0.02022	-0.00392	-0.00881	0.028485	0.009087	5.43E-04	0.017674	-0.03027	0.002094
0.035675	-0.03739	-0.0209	-0.03356	0.003676	-0.01975	-0.05034	0.010109	-0.02637	0.005566
0.041	0.002452	0.005787	-0.01716	0.008262	-0.02516	-0.06675	0.01714	-0.03216	-0.00251
0.022848	0.024968	0.032891	-0.02369	0.002247	0.010794	-0.03011	-2.10E-04	-0.03802	6.27E-04
0.001701	9.40E-04	7.71E-04	-0.0273	-0.01307	-0.00661	0.004741	-0.02837	-0.05564	0.002524
0.001467	-0.03436	-0.01719	-0.00411	0.006336	-0.04941	-0.01677	-0.03562	-0.03062	0.033544
-0.01349	-0.06396	-0.00362	-0.00223	-0.01377	-0.0513	-0.00944	4.68E-04	-0.01763	0.034818
-0.00926	-0.00526	0.016256	-0.0069	0.007958	-0.03455	0.023052	0.009528	-0.04901	0.003638
-0.0427	0.023956	-0.01078	-0.03841	0.025464	-0.00641	0.043219	-0.01373	-0.0237	0.00647
-0.05213	-0.0021	-0.02741	-0.0374	-0.01535	-0.04741	-0.00737	-0.04722	0.001748	0.043818
-0.0284	-0.00777	-0.00188	0.007654	-6.33E-04	-0.06528	-0.03633	-0.02129	0.028218	0.02002
-0.00149	0.012524	0.005787	0.01321	0.026208	-0.04125	0.006614	-0.002	0.0091	-0.03579
0.008667	0.038088	0.024844	0.011459	0.043569	-0.02787	0.014207	-5.76E-04	-0.01806	-0.04415
-0.00304	-0.0065	-0.00477	0.012462	0.025073	-0.0127	0.018387	-0.02561	-4.16E-04	-0.01895
-0.07661	-0.06521	-0.04434	-0.03515	-0.00649	0.005583	0.028725	-0.0415	0.028955	0.005061
-0.07589	-0.02277	-0.04643	-0.02126	-0.03845	-0.01499	0.023071	-0.02143	0.008322	-0.00706
-0.02214	0.025625	-0.03238	-0.02015	-0.01825	-0.0469	0.026852	0.014386	-0.00114	0.00213
0.022376	0.0273	-0.01456	-0.00921	0.042988	0.001702	0.031038	0.001404	0.027483	-0.00958
0.001755	-0.00523	-0.01814	0.032322	0.06133	0.038729	-0.02275	-0.02156	0.027521	0.00783
-0.04557	-0.02068	-0.01453	0.047876	0.027252	0.025916	-0.04917	-0.04894	-0.00466	-0.01756
-0.00604	0.025869	-0.0047	0.038903	0.004331	0.014132	-0.0061	-0.04863	-0.0048	-0.0576
0.038036	0.044849	-0.01671	0.028822	0.019061	0.013962	0.054214	-0.01161	0.00973	-0.02982
0.012561	0.007449	-0.04104	0.016679	0.027943	0.011621	0.030704	-0.01481	0.036807	0.021555
-0.02581	-0.02044	-0.0774	0.00526	-0.01585	-5.19E-04	-0.05155	-0.06038	0.025399	0.006416
-0.02572	-0.01473	-0.05879	-0.00679	-0.06295	-0.02306	-0.06135	-0.04404	-0.00514	-0.04494
0.003017	0.023657	-0.02168	0.002007	-0.02743	0.001592	0.018788	0.013648	-0.02709	-0.08271
0.032766	0.014698	-0.04448	0.042505	0.077621	0.068542	0.02691	0.00214	-0.01238	-0.05933
0.005206	-0.02105	-0.02508	0.045586	0.055534	0.073528	0.022146	0.037023	0.028412	-0.01624
-0.03004	-0.00866	0.004992	0.028916	-0.01934	0.016448	-0.02026	0.014291	0.00677	-0.01946

-0.03777	0.002612	0.022169	0.026159	-0.04684	-0.00733	-0.05195	-0.02037	-0.01319	-0.00442
0.012745	0.001686	-0.02447	0.037838	-0.00235	0.01681	-0.02752	-0.03265	-0.031	-0.03226
0.037625	-0.0341	-0.06895	0.042916	0.005572	0.011245	0.034116	-0.0104	-0.01171	-0.02503
0.004192	-0.03005	-0.02498	0.031997	-0.00369	0.016658	-0.00987	-0.01284	4.19E-04	-0.00117
-0.01361	-0.05083	0.017834	0.029106	0.017927	0.016144	-0.00962	0.025217	-0.02548	-0.03203
-0.005	-0.03955	0.009383	0.011205	6.64E-04	-0.01505	-0.03091	0.049426	-0.02906	-0.0349
0.014373	0.031012	0.019286	0.010587	-0.01062	0.001279	-0.05043	0.023203	-0.02944	-0.01681
0.024798	0.014607	0.030167	0.035158	0.017854	0.035415	-0.01589	0.022508	0.002167	0.022699
0.013299	-0.00824	0.036642	0.04186	0.033247	0.018356	-0.01073	0.033784	0.048664	0.057811
0.012284	0.008694	0.033913	0.018858	0.009693	0.010024	-0.00303	0.031494	0.00847	0.029307
0.035577	0.002238	0.018913	-0.02488	-0.03313	0.046778	0.00203	0.005466	-0.06237	-0.02742
0.042559	-0.02342	0.009857	-0.03172	-0.02636	0.033412	-0.035	0.007511	-0.08344	-0.03674
0.041256	-0.03277	-1.04E-04	0.001739	3.30E-04	1.77E-04	-0.04427	0.037183	-0.03142	0.005747
0.017721	-0.00607	0.014961	-0.01533	0.016031	-0.02039	-0.05153	0.033151	-6.52E-04	0.021555
0.033966	0.0054	0.023504	-0.01098	0.010501	-0.02689	-0.05354	-0.00112	-0.05586	-0.02427
0.01662	-0.01829	-0.00174	-0.01284	0.008119	-0.002	-0.04409	-0.03641	-0.08425	-0.03261
0.011915	-0.03838	0.010917	-0.0229	0.019043	0.012714	-0.02687	0.013402	-0.01558	0.032582
0.027368	-0.01013	0.071495	0.028538	0.023923	-0.03614	-0.03395	0.02728	0.003849	0.028526
-0.01908	0.005382	0.063078	0.03869	0.030042	-0.04795	-0.02288	0.00295	-0.03386	0.01961
-0.00859	0.005795	0.022056	-0.02675	0.036571	-0.00523	2.86E-04	-0.03398	-0.03483	0.048579
0.0355	-0.0076	0.013892	-0.03719	0.069029	-0.01877	-0.01318	-0.04602	-0.03844	0.038934
0.017553	-3.47E-05	0.040014	0.035023	0.096009	0.005379	0.011586	0.043697	0.021796	0.046509
0.011069	0.02919	0.012751	0.033699	0.059999	-0.03447	0.015077	0.056795	0.03984	0.06498
-0.00538	0.03989	-0.00162	-0.01728	0.019849	-0.03541	0.001864	0.012308	-0.00855	0.035979
0.016825	0.023825	0.020407	-0.01804	0.029403	0.005101	0.001497	-0.01925	-0.06496	0.005115
0.033946	-0.01456	0.034627	0.001419	0.047306	0.02413	0.007638	-0.00673	-0.07786	0.002255
-0.01994	-0.01569	0.028315	0.026724	0.063942	0.014644	0.014774	0.013478	-0.05114	0.005458
-0.03814	0.003397	0.03604	-0.00272	0.013131	-0.03102	0.00225	0.02043	-0.00579	0.01144
-0.01469	-0.00636	0.010423	-0.04365	-0.00158	-0.03129	0.023342	-0.0038	-0.02087	-0.00579
0.032766	-0.01887	0.021587	-0.02849	0.008458	-0.04022	0.015039	-0.0323	-0.06572	-0.01636
0.025235	-0.01307	0.042191	0.001437	0.037755	-0.01882	0.019956	-5.76E-04	-0.01876	0.0424
-0.00701	0.001918	0.04521	3.53E-04	0.057611	-0.00229	0.048405	0.05463	0.022943	0.05513
-0.02865	-0.00175	0.02543	-0.01042	0.034289	-0.01716	0.016805	0.023087	0.005151	0.003997
-0.00803	-0.02518	0.006366	-0.0011	0.032	-0.04461	-0.00334	-0.00357	-0.0023	-0.014
0.033056	-0.01425	0.026055	-0.00163	0.043704	0.017783	0.024754	0.029568	-0.00369	0.012027
-0.0123	-0.00346	0.04855	-0.02508	0.033266	0.044132	0.010609	0.041978	0.005923	0.026019
-0.04372	-0.01814	0.032872	-0.02316	0.028186	-0.02595	-0.01527	0.015998	-0.01088	0.0483
-0.04644	-0.00223	-0.01942	-0.05713	-0.01137	-0.02831	-0.00763	-0.01065	-0.03797	0.047662
-0.00281	-0.00259	-0.02503	-0.03946	0.023942	0.022274	0.009317	-0.0136	-0.03887	0.022831
-0.00391	-0.01394	0.036583	0.001526	0.059939	0.029412	-0.01714	-0.01827	-0.06572	0.01102
-0.02192	-0.01437	0.054983	0.00553	0.04756	-0.03143	-0.01487	0.032677	-0.0238	0.030951
-0.02937	-0.04008	0.026225	-0.00436	0.015104	-0.05208	7.08E-04	0.073695	0.058999	0.065166
-0.00276	-0.01005	-0.00346	-0.02661	-0.01105	-0.05916	0.010703	0.013516	0.013534	0.031411
0.042302	5.32E-04	0.018262	-0.04001	-6.51E-04	-0.05291	-0.00387	-0.02579	-0.04114	-0.02165
0.018281	-0.03075	0.044874	-5.51E-04	-4.06E-04	-0.02576	-0.01742	-0.01663	-0.03314	0.007413
-0.00916	-0.00883	0.015183	-1.61E-04	0.022629	-0.03968	0.012489	0.016454	-0.01876	0.045221
0.005569	0.027526	-0.0355	-0.03829	0.0277	-0.05532	0.008234	0.01361	-0.02286	0.023075

0.004499	0.013564	0.007545	-0.03382	0.005821	-0.04823	-0.01033	-0.02283	-0.02329	-0.03122
-0.00476	-0.00833	0.041759	0.006302	0.025482	-0.02996	0.005612	-0.01495	-0.03214	-0.03246
-0.0422	-0.02404	0.034415	0.009172	0.065794	-0.00598	0.002232	0.009622	-0.02632	0.01155
-0.06127	-0.03526	0.008435	-0.01361	0.031434	-0.02526	0.012564	0.030412	-0.01997	0.024318
-0.06453	-0.01413	0.001827	-0.02038	-0.02165	-0.04749	0.009785	0.020564	-0.02279	0.010763
-0.05461	-0.00994	0.002329	-0.04934	-0.00537	-0.02984	0.013073	-0.02599	-0.04127	-0.027
0.027291	0.008478	0.019884	-0.04981	-0.00126	-0.00307	0.007005	-0.01589	-0.04881	-0.0029
-0.00554	0.001473	0.050069	-0.03048	-0.00139	-0.04576	-0.03469	0.017979	-0.00428	0.033275
-0.04155	-0.03136	0.032872	-5.68E-04	0.025612	-0.04462	-0.0196	0.02018	0.003574	0.040204
-0.02238	-0.01743	-0.01231	-0.033	0.020768	-0.0216	0.018655	-0.00792	0.002514	0.013441
0.00497	0.016332	-0.00249	-0.08005	-0.00271	-0.02193	0.011116	-0.02748	-0.01612	0.001378
-0.05193	-0.01368	0.020912	-0.03628	0.015577	-0.02821	-0.0094	-0.00529	-0.04577	0.002381
-0.07509	-0.04506	0.001486	-0.01682	0.045025	-0.02414	0.006912	0.01431	-0.02073	0.011514
-0.04513	-0.0187	8.60E-04	-0.00808	0.02578	-0.04007	0.011454	0.005837	-0.01325	-0.01194
-0.06755	0.007359	0.007545	-0.01435	-0.00391	-0.02671	0.021838	-0.01784	-0.02712	-0.00424
-0.05388	-0.0144	0.006674	-0.02616	0.012751	-0.02393	0.00426	-0.03621	-0.03898	0.009158
-0.05006	-0.02725	-0.00646	-0.01825	0.035201	-0.01628	-0.00194	-0.05827	-0.02593	0.03724
-0.05732	-0.0069	-0.02092	-0.04829	0.017379	-0.02563	0.017738	-0.03174	-0.02115	0.048958
-0.05757	-0.00666	-0.03807	-0.03248	-0.01455	-0.07681	0.003134	-0.015	-0.02432	-0.01331
-0.00974	-0.01831	-0.03256	-0.03368	0.004455	-0.06371	0.00203	-0.03619	-0.01628	-0.0237
0.005279	-0.02226	-0.01935	-0.05958	0.01113	-0.02336	0.008775	-0.07878	-0.03181	0.026379
-0.0368	-0.01931	-0.02087	-0.03923	6.81E-04	-0.05111	0.013489	-0.03816	0.008859	0.059015
-0.0661	-0.0272	-0.01723	-0.01051	-0.02128	-0.07114	0.005742	0.014973	0.015599	0.042361
-0.07161	-0.04399	-0.04535	-0.02638	-0.03519	-0.05772	-0.01809	-0.01869	-0.01815	-0.02875
-0.05385	-0.05703	-0.0381	-0.06401	0.002635	-0.04598	-0.03266	-0.08672	-0.02277	-0.02265
-0.07825	-0.0502	3.96E-04	-0.04731	0.026226	-0.07616	-0.05722	-0.08323	-0.04467	-0.00183
-0.08649	-0.06289	1.46E-04	-0.02788	-0.00163	-0.04207	-0.01716	-0.01568	-0.02957	-1.76E-04
-0.04346	-0.04786	-0.04729	-0.0628	-0.07406	-0.06771	-0.01681	-0.01497	-0.02054	-0.01231
-0.00156	-0.00509	-0.06744	-0.11395	-0.07256	-0.10297	-0.03809	-0.06567	-0.06402	-0.03431
0.033075	0.013198	-0.00732	-0.0723	-0.00811	-0.054	-0.03186	-0.08991	-0.10819	-0.04114
6.95E-04	0.024443	0.034705	-0.00181	0.024313	-0.03628	-0.05152	-0.05512	-0.0721	-0.03991
-0.04058	0.010559	0.013026	0.042799	0.029478	-0.04797	-0.03561	-0.05366	-0.04616	-0.01536
-0.02778	-0.01169	-0.01716	0.027819	0.012842	-0.02864	-0.00123	-0.06438	-0.05053	-0.02094
0.019535	0.002309	-0.01943	-0.01809	0.023609	-0.01683	0.009242	-0.05536	-0.06366	-0.05183
0.028745	0.01446	0.001307	-0.04163	0.039518	-0.01336	0.004945	-0.00458	-0.05793	-0.02218
0.001827	0.022965	0.018057	-0.03053	0.05145	-0.01233	-0.01858	0.016169	-0.04439	-0.02481
-0.01425	0.046502	0.034647	0.016476	0.010519	-0.0492	0.001387	-0.01809	-0.04795	-0.0073
-0.0376	0.00781	-0.0253	-0.00592	-0.0208	-0.05005	0.014018	0.005521	-0.01749	-0.00156
-0.05148	-0.01749	-0.02136	-0.03015	0.015068	-0.02391	0.011511	-0.0133	-0.05871	-0.03464
-0.08881	-0.00233	0.020838	-0.00352	0.059798	0.014416	0.001368	-0.01594	-0.04196	-0.00558
-0.09523	0.006172	0.01923	0.004812	0.04353	9.48E-04	-0.00185	0.03547	0.039085	0.043562
-0.09667	0.030518	-0.02185	-0.02365	0.006728	-0.02235	0.037515	0.056921	0.059374	0.00265
-0.05655	0.046936	0.024315	0.012918	0.017835	-0.01604	0.026793	-0.0239	0.015354	-0.02815
0.002512	0.033301	0.052841	0.024017	0.037335	-0.01917	6.34E-04	-0.05452	-0.01291	0.009012
-0.04031	0.007107	0.024277	0.034217	0.072205	-0.00244	0.012809	-0.01828	0.034422	0.062399
-0.07606	-0.0011	-0.00405	0.035946	0.055335	0.013621	0.05058	0.022508	0.076437	0.083276
-0.0142	0.023115	-0.01094	-0.01068	0.039134	0.03907	0.059031	0.002397	0.054304	0.042617

-0.00886	0.006531	-0.00963	-0.03374	0.023035	0.037348	0.048099	0.003522	0.017145	0.025338
-0.05129	0.001491	0.027611	0.033297	0.032132	-0.00487	0.036339	0.036764	0.01756	0.081336
-0.06917	0.006352	0.010204	0.051354	0.034764	-0.00857	0.050354	0.052103	0.059186	0.103372
-0.04597	0.010251	-0.03592	0.017121	0.044519	0.040858	0.077032	0.058972	0.091546	0.079876
-0.01319	-0.0027	-0.02783	0.005925	0.071151	0.068156	0.059031	0.039544	0.082365	0.037862
-0.06759	-0.01367	-0.01726	0.013265	0.070923	0.051828	0.040518	0.004169	0.045588	0.054422
-0.1022	-0.00915	-0.05145	-0.00881	0.061612	0.02611	0.042795	0.014784	0.035091	0.078613
-0.08484	-0.02732	-0.08446	-0.02894	0.007262	0.006698	0.039354	0.024325	0.056449	0.027176
-0.05029	-0.03889	-0.09294	-0.04468	-0.04169	0.011847	0.021703	-0.00753	0.0526	0.008048
-0.06604	-0.04691	-0.09507	-0.04151	-0.02388	-0.01753	-0.00931	-0.03626	0.029537	-0.01751
-0.08803	-0.04292	-0.11947	-0.04929	0.003659	-0.02769	-0.02143	-0.03399	-0.01061	-0.00798
-0.10885	-0.04388	-0.11899	-0.05978	-0.01185	-0.05669	-0.02449	-0.02931	-0.01047	0.032121
-0.12589	-0.07157	-0.09687	-0.05136	-0.07312	-0.08007	-0.0061	-0.04392	-0.0236	0.034683
-0.10872	-0.08684	-0.09995	-0.08009	-0.09212	-0.09709	-0.03031	-0.07202	-0.02167	-0.02292
-0.09173	-0.07341	-0.11291	-0.05778	-0.08018	-0.08075	-0.04228	-0.07216	-0.03715	-0.0428
-0.10512	-0.07709	-0.13565	-0.0606	-0.03824	-0.06245	-0.02518	-0.0738	-0.05019	-0.04318
-0.10653	-0.08383	-0.11006	-0.06238	-0.07646	-0.09147	-0.01755	-0.07752	-0.01771	-0.01088
-0.10278	-0.09951	-0.09458	-0.08788	-0.10666	-0.10136	-0.0514	-0.08109	-0.0159	-0.03666
-0.12101	-0.09954	-0.11428	-0.08927	-0.08798	-0.10392	-0.09862	-0.122	-0.05706	-0.05668
-0.13993	-0.08412	-0.1276	-0.08107	-0.07457	-0.12219	-0.1002	-0.11453	-0.06736	-0.06251
-0.15231	-0.09829	-0.11453	-0.10085	-0.1103	-0.1258	-0.07725	-0.13292	-0.09395	-0.06517
-0.12177	-0.09912	-0.12116	-0.10218	-0.14762	-0.12625	-0.09658	-0.13536	-0.08057	-0.0537
-0.07949	-0.07869	-0.09847	-0.08048	-0.11635	-0.1118	-0.1071	-0.10997	-0.06737	-0.09249
-0.10094	-0.07731	-0.07407	-0.06105	-0.06463	-0.11157	-0.09746	-0.1406	-0.10182	-0.11563
-0.13218	-0.05943	-0.07231	-0.05974	-0.0471	-0.1184	-0.07518	-0.11274	-0.07502	-0.09256
-0.09519	-0.04632	-0.08583	-0.08737	-0.06216	-0.11512	-0.04953	-0.09572	-0.05774	-0.03447
-0.04703	-0.03518	-0.08859	-0.09535	-0.07638	-0.14488	-0.06616	-0.11765	-0.0904	-0.07236
-0.04695	-0.02134	-0.05303	-0.08583	-0.07085	-0.12152	-0.07886	-0.11827	-0.10759	-0.1126
-0.05996	-0.02777	-0.06342	-0.0712	-0.04092	-0.10304	-0.09782	-0.13412	-0.12156	-0.08445
-0.07976	-0.03431	-0.04032	-0.05382	5.76E-04	-0.0803	-0.05509	-0.06748	-0.09282	-0.05363
-0.05336	-0.02951	-0.01901	-0.00992	-0.00859	-0.06343	-0.01039	-0.01645	-0.06039	-0.05911
-0.03986	-0.032	-0.03938	-0.02588	-0.01863	-0.09838	-0.03376	-0.06117	-0.07898	-0.08983
-0.06096	-0.03035	-0.0314	-0.04174	-0.00954	-0.0747	-0.00799	-0.05194	-0.10195	-0.05904
-0.07592	-0.00514	-0.01819	-0.01293	0.02226	-0.03541	-0.02199	-0.02575	-0.08927	-0.03454
-0.06871	0.001882	-0.01699	0.012243	0.009442	-0.0397	-0.06181	-0.0227	-0.07973	-0.02579
-0.06121	-0.02647	-0.04182	-0.01719	-0.05161	-0.05648	-0.03606	-0.02517	-0.06317	-0.06345
-0.05453	-0.046	-0.06047	-0.05293	-0.05153	-0.07573	-0.00647	-0.03863	-0.05159	-0.0716
-0.05489	-0.02176	-0.04689	-0.02962	-0.01012	-0.09536	-0.03137	-0.05631	-0.07024	-0.03699
-0.05974	-0.01007	-0.04938	-0.05174	-0.02161	-0.10401	-0.04932	-0.07902	-0.08114	0.002004
-0.04715	-0.0267	-0.05657	-0.05589	-0.08266	-0.12581	-0.05322	-0.05857	-0.07968	-0.02488
-0.04424	-0.02964	-0.05994	-0.0634	-0.08035	-0.11788	-0.05997	-0.07922	-0.06457	-0.07132
-0.04684	-0.01291	-0.04535	-0.03935	-0.00835	-0.08034	-0.03161	-0.08459	-0.08565	-0.0634
-0.07194	-0.00224	-0.0505	-0.01707	0.01176	-0.06395	-0.02282	-0.06839	-0.10107	-0.01845
-0.07332	-0.02046	-0.04849	-0.0101	-0.02731	-0.06479	-0.02913	-0.03383	-0.0924	0.007503
-0.04138	-0.04819	-0.06436	-0.03127	-0.05155	-0.08698	-0.04114	-0.04699	-0.07107	-0.02857
-0.01635	-0.02786	-0.04988	-0.0345	-0.03979	-0.10043	-0.03997	-0.09628	-0.09022	-0.06988
-0.03319	8.69E-04	-0.02857	2.11E-04	-0.00133	-0.08571	-0.04483	-0.10469	-0.10749	-0.08006

-0.0475	0.004558	-0.03615	-0.01208	0.005537	-0.0753	-0.0285	-0.08083	-0.07845	-0.03741
-0.03264	0.005257	-0.04905	-0.03803	-0.08835	-0.10064	-0.01404	-0.08786	-0.09175	-0.03178
-0.01446	-0.01341	-0.07634	-0.05568	-0.08244	-0.07146	-0.04157	-0.11057	-0.07319	-0.05798
-0.01685	0.018895	-0.03868	-0.00623	0.007191	-0.01997	-0.03453	-0.08129	-0.06973	-0.04087
-0.07453	0.030803	0.010752	0.009661	0.012156	-0.04762	-0.01425	-0.07222	-0.07547	-0.01859
-0.08074	0.003254	-0.03474	-0.03463	-0.03735	-0.05086	0.001093	-0.03781	-0.04388	-0.00266
-0.08486	-0.04226	-0.05727	-0.0162	-0.03568	-0.02511	-0.01117	-0.03145	-0.0159	-0.02864
-0.06799	-0.06088	-0.06694	-0.01324	-0.03479	-0.03755	-0.06804	-0.07059	-0.00469	-0.04289
-0.02182	-0.05834	-0.09843	-0.0187	-0.05406	-0.06265	-0.0613	-0.04783	-0.03367	-0.03421
0.002782	-0.02393	-0.06984	-0.02911	-0.05787	-0.05156	-0.02589	-0.05856	-0.0595	-0.01536
-0.01222	-0.04357	-0.04606	-0.05227	-0.07191	-0.05722	-0.03788	-0.07685	-0.02884	-0.00586
-0.04109	-0.07136	-0.07817	-0.06212	-0.0859	-0.05385	-0.05928	-0.08255	-0.00403	-0.03852
-0.03954	-0.07405	-0.10205	-0.05442	-0.04551	0.003934	-0.01329	-0.04558	-0.00838	-0.02279
-0.03336	-0.07095	-0.11844	-0.05334	-0.04583	0.019466	0.032811	-0.00409	-0.00934	0.007503
-0.03385	-0.0595	-0.0782	-0.07009	-0.06449	0.023878	0.035762	0.005076	0.002149	-0.00655
-0.07733	-0.08187	-0.05949	-0.06329	-0.08525	0.004211	-0.02516	-0.03051	-0.02913	-0.04966
-0.05563	-0.05769	-0.05701	-0.03073	-0.05794	-0.03496	-0.04776	-0.04942	-0.04578	-0.08809
-0.02962	-0.06021	-0.05908	-0.02205	-0.0492	-0.06084	-0.05848	-0.08675	-0.06446	-0.10111
-0.05942	-0.08035	-0.0466	-0.08695	-0.09393	-0.04608	-0.08516	-0.09122	-0.03669	-0.07619
-0.09588	-0.07245	-0.03632	-0.10603	-0.09784	-0.04792	-0.08484	-0.08054	-0.05066	-0.0544
-0.10075	-0.08639	-0.05655	-0.11158	-0.08966	-0.07875	-0.12856	-0.05549	-0.06413	-0.05757
-0.05375	-0.09419	-0.05498	-0.09482	-0.11276	-0.1077	-0.14707	-0.07052	-0.06569	-0.07508
-0.04388	-0.0882	-0.04965	-0.06868	-0.09444	-0.09466	-0.11197	-0.10342	-0.07471	-0.08171
-0.06485	-0.08614	-0.0659	-0.11291	-0.09599	-0.07886	-0.11715	-0.10464	-0.08861	-0.11355
-0.07768	-0.08674	-0.07172	-0.09872	-0.09658	-0.08844	-0.14597	-0.1144	-0.13163	-0.11432
-0.07114	-0.08536	-0.06031	-0.04877	-0.04207	-0.07103	-0.1192	-0.10426	-0.09313	-0.07334
-0.01522	-0.04552	0.008326	-0.01415	-0.02195	-0.02737	-0.07316	-0.05937	-0.05056	-0.07249
0.080248	0.042343	0.06785	0.018414	0.024832	4.89E-04	-0.03259	-0.01888	-0.02847	-0.07263
0.147766	0.08959	0.105506	0.091265	0.095812	0.060969	-0.00773	0.019011	-0.02002	-0.03612
0.276845	0.202371	0.214156	0.185512	0.162464	0.155603	0.097482	0.06811	0.053729	0.025489
0.339432	0.323858	0.328363	0.262987	0.234954	0.213952	0.222652	0.16148	0.156088	0.09097
0.348255	0.312327	0.338164	0.26315	0.262904	0.262623	0.246684	0.253748	0.201725	0.106118
0.373939	0.328323	0.323149	0.338085	0.361228	0.328353	0.245137	0.260536	0.239893	0.209174
0.408615	0.408317	0.391584	0.419523	0.369153	0.344539	0.342178	0.282122	0.328752	0.355292
0.410871	0.433185	0.452913	0.377553	0.300062	0.35429	0.387838	0.355336	0.35029	0.314252
0.392964	0.350412	0.422983	0.373135	0.347864	0.368399	0.359753	0.408013	0.370134	0.292172
0.394918	0.366296	0.392861	0.434691	0.454188	0.419007	0.352357	0.374908	0.384238	0.399543
0.427146	0.44615	0.429362	0.45473	0.457795	0.436676	0.444487	0.39128	0.399497	0.456814
0.484773	0.464697	0.469846	0.449807	0.424498	0.443543	0.491283	0.474261	0.448324	0.432152
0.490115	0.44172	0.489444	0.465366	0.474667	0.52577	0.502896	0.47876	0.475125	0.403906
0.478039	0.455602	0.473176	0.49321	0.52495	0.516642	0.500514	0.452385	0.479648	0.462105
0.497716	0.516396	0.47744	0.482524	0.46469	0.414319	0.487218	0.483307	0.468028	0.543183
0.504364	0.471619	0.440092	0.483009	0.444032	0.340626	0.433076	0.499722	0.480965	0.512116
0.479713	0.433185	0.357521	0.477705	0.499579	0.449951	0.448427	0.504261	0.496969	0.48307
0.426141	0.47099	0.468322	0.47199	0.51652	0.508942	0.492135	0.490614	0.517693	0.495449
0.354575	0.465317	0.497897	0.473254	0.472424	0.45567	0.440179	0.468297	0.518351	0.522623
0.387199	0.423827	0.409169	0.428322	0.380918	0.309673	0.364133	0.426296	0.46115	0.429315

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Md Anwar Hossain Page 287 s3820066, RMIT University

-0.05874	-0.06539	-0.08236	-0.05751	-0.02155	0.056055	0.040078	0.026857	0.044324	-0.00732
-0.03535	-0.01559	-0.07134	-0.06177	-0.03812	0.048848	0.067766	0.056985	0.046027	-0.01389
-0.00149	-0.01138	-0.06076	-0.06919	-0.07782	-0.00763	-0.00117	0.045617	0.0101	-0.05194
0.021585	-0.0551	-0.06461	-0.07331	-0.07844	-0.03876	-0.08158	0.002203	-4.33E-04	-0.06155
-0.05499	-0.08509	-0.09765	-0.0701	-0.06722	-0.01063	-0.0527	-0.02968	-0.01498	-0.05952
-0.0606	-0.06118	-0.09858	-0.05545	-0.0663	0.003713	0.00628	-0.00357	-4.51E-04	-0.07314
-0.03061	-0.03471	-0.074	-0.07954	-0.06191	-0.00607	0.052988	0.007165	-0.03623	-0.06261
-0.04003	-0.08176	-0.06192	-0.11023	-0.03942	-0.01483	0.005678	0.003353	-0.0447	-0.06856
-0.05592	-0.10278	-0.07973	-0.11861	-0.05796	-0.0329	-0.05765	-0.01896	-0.04764	-0.08457
-0.072	-0.11709	-0.0968	-0.08004	-0.05994	-0.02207	-0.05067	-0.03506	-0.06003	-0.10187
-0.04671	-0.11411	-0.11289	-0.09884	-0.07189	-0.02077	-0.03713	-0.02943	-0.04656	-0.11511
-0.06074	-0.05357	-0.06945	-0.0995	-0.05072	-0.01896	-0.05288	-0.03588	-0.05737	-0.11192
-0.08063	-0.04835	-0.0658	-0.06817	-0.01907	-0.01768	-0.01903	0.013857	-0.03333	-0.09288
-0.04299	-0.04212	-0.04778	-0.01952	0.013859	-0.0244	-0.00896	0.014207	-0.00187	-0.03714
0.015643	0.025069	0.025464	0.004157	-0.01709	-0.07994	-0.07109	-0.01381	-0.01809	-0.03648
-0.01336	-0.00201	0.004249	-0.04499	-0.02358	-0.0752	-0.0933	-0.05905	-0.07794	-0.06101
-0.06678	-0.04012	-0.03171	-0.06461	-0.03293	-0.08828	-0.07269	-0.08057	-0.1203	-0.07966
-0.05653	-0.04996	-0.06265	-0.08197	-0.03704	-0.09353	-0.07479	-0.0902	-0.13481	-0.09714
-0.05181	-0.05381	-0.06501	-0.10125	-0.03674	-0.05203	-0.07414	-0.05616	-0.10217	-0.1006
-0.04191	-0.04002	-0.05938	-0.11878	-0.02995	-0.02788	-0.06799	-0.06673	-0.11878	-0.08873
-0.03032	-0.0155	-0.07036	-0.15032	-0.04217	-0.04774	-0.05453	-0.10726	-0.13588	-0.07277
-0.0925	-0.05286	-0.09239	-0.11797	-0.05903	-0.09928	-0.07389	-0.08777	-0.09267	-0.07512
-0.12224	-0.08244	-0.05668	-0.0728	-0.05362	-0.09666	-0.09148	-0.07247	-0.08351	-0.09222
-0.09241	-0.08285	-0.06413	-0.10891	-0.08686	-0.08877	-0.069	-0.06009	-0.1051	-0.11671
-0.09648	-0.075	-0.09017	-0.09174	-0.08171	-0.08707	-0.06495	-0.08618	-0.11048	-0.10051
-0.09259	-0.06204	-0.09635	-0.06405	-0.05891	-0.12242	-0.08174	-0.1207	-0.12458	-0.1053
-0.08944	-0.07413	-0.0937	-0.07725	-0.06655	-0.13539	-0.12009	-0.12594	-0.10789	-0.12506
-0.09425	-0.07185	-0.06756	-0.09076	-0.06072	-0.10638	-0.10125	-0.09298	-0.07847	-0.11363
-0.07636	-0.04674	-0.07972	-0.06892	-0.03977	-0.06342	-0.04083	-0.04541	-0.03868	-0.06242
-0.06587	-0.03438	-0.10937	-0.05117	-0.02713	-0.04304	-0.03284	-0.05323	-0.00624	-0.03734
-0.07318	-0.04541	-0.10544	-0.05522	-0.04159	-0.06826	-0.04033	-0.05715	-0.01762	-0.05706
-0.0896	-0.03916	-0.06315	-0.05284	-0.04559	-0.07524	-0.02434	-0.0464	-0.0064	-0.0467
-0.09392	-0.04761	-0.04996	-0.03096	-0.0145	-0.04594	-0.0139	-0.03496	8.49E-04	-0.00199
-0.06244	-0.04068	-0.05127	0.006311	0.005653	-0.0051	-0.02644	-0.07855	-0.03766	-0.00748
-0.05111	-0.04036	-0.06338	-0.01877	-0.04593	-0.01981	-0.06578	-0.1247	-0.0648	-0.04924
-0.07533	-0.03117	-0.08034	-0.03308	-0.07751	-0.0718	-0.06474	-0.10253	-0.04754	-0.07913
-0.0683	-0.01941	-0.09417	-0.04191	-0.03674	-0.06233	-0.0513	-0.10672	-0.04737	-0.04577
-0.06237	-0.03541	-0.1026	-0.0607	-0.03772	-0.04728	-0.07468	-0.10785	-0.03475	-0.02548
-0.05389	-0.05738	-0.13021	-0.08038	-0.07453	-0.03487	-0.07904	-0.0672	-0.01911	-0.06195
-0.08135	-0.06414	-0.12817	-0.0884	-0.11452	-0.05579	-0.06742	-0.05114	-0.02686	-0.0843
-0.07193	-0.03124	-0.07623	-0.08617	-0.09969	-0.05928	-0.02476	-0.05108	-0.0303	-0.07855
-0.04207	-0.04128	-0.0705	-0.04919	-0.03264	-0.03958	-0.01145	-0.06088	-0.03067	-0.06063
-0.03992	-0.07923	-0.07916	-0.05387	-0.03279	-0.02817	-0.01655	-0.04966	-0.04667	-0.06022
-0.0836	-0.10968	-0.08849	-0.04569	-0.06659	-0.02643	-0.03951	-0.06133	-0.04023	-0.05117
-0.06245	-0.09127	-0.08395	-0.04889	-0.09122	-0.03446	-0.05404	-0.0764	-0.02959	-0.09248
-0.03528	-0.05177	-0.09103	-0.06195	-0.0926	-0.06065	-0.05373	-0.09249	-0.04056	-0.09677
-0.0532	-0.06001	-0.0813	-0.04208	-0.09503	-0.09487	-0.07191	-0.09832	-0.03525	-0.04036

-0.06082	-0.0797	-0.06282	-0.03453	-0.07818	-0.07182	-0.0749	-0.07273	-0.03362	-0.06152
-0.05759	-0.08506	-0.04885	-0.03897	-0.07113	-0.028	-0.09878	-0.05423	-0.03666	-0.09488
-0.04243	-0.0833	-0.05896	-0.06761	-0.09444	-0.06367	-0.11073	-0.0557	-0.06393	-0.10452
-0.05357	-0.06973	-0.10577	-0.06441	-0.08994	-0.06642	-0.0724	-0.06285	-0.07466	-0.10418
-0.05627	-0.08358	-0.10353	-0.04298	-0.07398	-0.03102	-0.06605	-0.05212	-0.04322	-0.10976
-0.03871	-0.0869	-0.07049	-0.04801	-0.05217	-0.01959	-0.07784	-0.05713	-0.05726	-0.08694
-0.05129	-0.09569	-0.05757	-0.08898	-0.09021	-0.05448	-0.10425	-0.06016	-0.0859	-0.0839
-0.08439	-0.12076	-0.07047	-0.14215	-0.12196	-0.05542	-0.08952	-0.05741	-0.08255	-0.0697
-0.07423	-0.12093	-0.06629	-0.14532	-0.09734	-0.05408	-0.07953	-0.07583	-0.08029	-0.087
-0.07056	-0.11582	-0.06391	-0.06622	-0.06169	-0.03804	-0.06731	-0.04701	-0.0823	-0.09247
-0.05017	-0.08102	-0.06433	-0.08217	-0.04142	-0.05348	-0.08385	-0.0266	-0.07598	-0.04785
-0.0324	-0.09418	-0.06857	-0.10085	-0.06316	-0.06014	-0.1008	-0.03957	-0.07147	-0.05129
-0.02243	-0.0995	-0.05378	-0.08362	-0.06066	-0.03807	-0.10648	-0.06404	-0.08612	-0.05056
-0.0601	-0.0879	-0.03981	-0.04774	-0.04192	-0.0384	-0.0823	-0.02794	-0.07086	-0.04981
-0.09664	-0.10552	-0.05671	-0.05329	-0.04595	-0.05892	-0.07509	-0.02564	-0.06983	-0.05658
-0.05436	-0.06804	-0.06555	-0.0722	-0.05348	-0.07802	-0.07936	-0.05772	-0.09513	-0.03564
-0.02939	-0.06168	-0.06274	-0.10203	-0.05215	-0.05801	-0.04617	-0.06362	-0.10114	-0.0336
-0.08369	-0.07637	-0.05759	-0.08587	-0.0404	-0.04429	-0.05233	-0.03815	-0.09659	-0.01948
-0.10308	-0.09017	-0.02948	-0.04846	-0.0286	-0.05481	-0.03783	0.007891	-0.07306	-0.02334
-0.07316	-0.07368	-0.0508	-0.05029	-0.01788	-0.08679	-0.03189	-0.01278	-0.08321	-0.04315
-0.0501	-0.03481	-0.06454	-0.07666	-0.03317	-0.10744	-0.04619	-0.03247	-0.07295	-0.03206
-0.0619	-0.03191	-0.08625	-0.11902	-0.05387	-0.07391	-0.06359	-0.04863	-0.07194	-0.04947
-0.07929	-0.03077	-0.06817	-0.08694	-0.02365	-0.04757	-0.04403	-0.03048	-0.05033	-0.04028
-0.06765	-0.0108	-0.02079	-0.0117	-0.00539	-0.04479	-0.02497	-0.00869	-0.0474	-0.02407
-0.05917	4.89E-04	-0.05424	-0.02243	-0.01464	-0.03751	-0.01329	-0.03574	-0.04785	-0.0519
-0.05627	-0.00628	-0.06833	-0.06386	-0.0285	-0.05613	-0.03551	-0.04874	-0.06069	-0.04463
-0.06376	-0.00706	-0.03897	-0.06101	-0.0247	-0.06068	-0.0255	-0.03351	-0.03417	0.010274
-0.07278	-0.01927	-0.05773	-0.01855	-0.02394	-0.03648	-0.00298	-0.01708	-0.00506	0.023892
-0.04583	-0.02166	-0.06336	-0.0059	-0.05067	-0.03388	-0.02606	-0.05782	-0.00656	-0.04715
-0.02162	-0.04367	-0.05551	-0.02635	-0.08186	-0.06749	-0.05052	-0.08611	-0.0277	-0.08429
-0.01898	-0.04864	-0.07541	-0.04633	-0.05966	-0.06085	-0.06389	-0.11198	-0.04444	-0.05036
-0.03259	-0.01418	-0.06243	-0.04764	-0.06082	-0.06151	-0.0388	-0.07841	-0.04615	-0.04711
-0.05783	-0.00883	-0.08614	-0.05431	-0.09344	-0.06828	0.005246	-0.00962	-0.00435	-0.06321
-0.05735	-0.06989	-0.1112	-0.0583	-0.07259	-0.04105	-0.01664	-0.01148	0.016148	-0.04547
-0.03573	-0.0734	-0.10559	-0.06145	-0.02484	-0.00713	-0.05534	-0.0507	-0.01586	-0.04006
-0.03067	-0.01246	-0.06605	-0.02718	-0.00907	-0.00602	-0.04921	-0.07638	-0.02629	-0.04417
-0.01174	0.005131	-0.0152	-0.00886	-0.07395	-0.03086	-0.02726	-0.04813	-0.0252	-0.05479
-0.0405	-0.03624	-0.00188	-0.01715	-0.1042	-0.0543	-0.02682	-0.05008	-0.00872	-0.08295
-0.05257	-0.07116	-0.05365	-0.05564	-0.08013	-0.04784	-0.07013	-0.0595	-0.02128	-0.06653
-0.04783	-0.08512	-0.07182	-0.03462	-0.03322	-0.00868	-0.05046	-0.0326	-0.02637	-0.06158
-0.02921	-0.06458	-0.05394	0.001583	-0.03975	-0.00682	-0.04388	-0.04462	-0.02174	-0.07207
-0.00291	-0.02497	-0.02626	-0.01805	-0.07344	-0.04179	-0.04895	-0.0499	-0.03734	-0.06131
-0.01478	-0.03174	-0.019	-0.06953	-0.09116	-0.04941	-0.04463	-0.01703	-0.04434	-0.05677
-0.02971	-0.06371	-0.05419	-0.0791	-0.07421	-0.02736	-0.06972	-0.00941	-0.02236	-0.03262
-0.02568	-0.08094	-0.06683	-0.0474	-0.0554	-0.01179	-0.07251	-0.01238	-0.04788	-0.04394
-0.03359	-0.10106	-0.05153	-0.03712	-0.05835	-0.02592	-0.07663	-0.00581	-0.03842	-0.05467
-0.0238	-0.07185	-0.04025	-0.07027	-0.04246	-0.03247	-0.08952	-0.01742	-0.03872	-0.04953

-0.02797	-0.0245	-0.01664	-0.05168	-0.03006	-0.03537	-0.06413	-0.02566	-0.0859	-0.05181
-0.04999	-0.07076	-0.0257	-0.05001	-0.02845	-0.08638	-0.0628	-0.01122	-0.08206	-0.03946
-0.02811	-0.07854	-0.02146	-0.06945	-0.0356	-0.10484	-0.06645	-5.86E-04	-0.06082	-0.03786
-0.02152	-0.03248	-0.01113	-0.0622	-0.03356	-0.08144	-0.06514	-0.02198	-0.06776	-0.04243
-0.03729	-0.03473	-0.06201	-0.07392	-0.04624	-0.04014	-0.03635	-0.04056	-0.07527	-0.02211
-0.06123	-0.0622	-0.07798	-0.07592	-0.05218	-0.04476	-0.017	-0.05481	-0.07147	-0.01511
-0.08496	-0.07941	-0.0472	-0.05476	-0.05045	-0.06384	-0.03649	-0.03412	-0.02382	-0.02446
-0.07807	-0.06399	-0.02988	-0.05072	-0.02541	-0.0386	-0.03776	-0.02566	-0.02486	-0.02843
-0.03847	-0.01685	-0.02682	-0.03642	-0.00236	-0.02697	-0.04991	-0.03774	-0.05363	-0.02927
-0.04886	-0.0069	-0.05679	-0.01907	0.004636	-0.0277	-0.02785	-0.04695	-0.04242	-0.01005
-0.08973	-0.03428	-0.05266	-0.02263	-0.04621	-0.07037	-0.02782	-0.07363	-0.03658	-0.02181
-0.06613	-0.02509	-0.01307	-0.05177	-0.06749	-0.08402	-0.04022	-0.07834	-0.0403	-0.0564
-0.04763	0.004184	0.001569	-0.0347	-0.01353	-0.04641	-0.02564	-0.02883	-0.04938	-0.02439
-0.05459	-0.00539	-0.05781	-0.04595	-0.01867	-0.01539	-0.02306	-0.05936	-0.0675	-0.00133
-0.05219	-0.00651	-0.0771	-0.07265	-0.08575	-0.03702	-0.02628	-0.06933	-0.05624	-0.03692
-0.09066	-0.02508	-0.0589	-0.05066	-0.08545	-0.07813	-0.04883	-0.03811	-0.01209	-0.04769
-0.04142	-0.0122	-0.04001	-0.03048	-0.06933	-0.05635	-0.00916	-0.02014	-0.01403	-0.09565
-0.0069	-0.031	-0.06017	-0.02765	-0.05707	-0.06269	0.019353	-0.02375	-0.0199	-0.07777
-0.02356	-0.05638	-0.07997	-0.04704	-0.04049	-0.04956	-0.05982	-0.07128	-0.04101	-0.03301
-0.0387	-0.07084	-0.04951	-0.01672	-0.03721	-0.04904	-0.13801	-0.06879	-0.03685	-0.05271
-0.02248	-0.0826	-0.03321	-0.02263	-0.03408	-0.0287	-0.0908	-0.04106	-0.00252	-0.04728
-0.02086	-0.03358	-0.06034	-0.0248	-0.02096	0.014171	-0.02719	-0.02277	-0.02392	-0.06917
-0.00802	-0.0678	-0.05462	-0.025	-0.04414	0.017221	-0.01856	-0.03169	-0.05178	-0.06962
-0.00727	-0.08913	-0.04342	-0.02934	-0.04443	-0.01049	-0.0363	-0.00495	-0.02516	-0.03547
-0.0044	-0.07099	-0.01607	-0.00662	-0.02361	-0.00473	-0.03495	0.004037	-0.02385	-0.00911
0.014876	-0.0212	-0.00522	-0.0022	-0.05019	0.025228	-0.02656	0.002706	-0.05016	-0.04501
0.001761	-0.01749	0.004521	0.009466	-0.02127	0.038923	-0.0491	-0.01199	-0.03582	-0.06633
0.02263	-0.00697	0.002292	0.006443	0.018984	0.030508	-0.05504	0.003227	-0.00291	-0.02768
-0.00729	-0.02743	-0.01316	-0.02339	0.0116	0.015526	-0.03649	0.013691	0.010599	0.011566
-0.0388	-0.06835	-0.00346	-0.00984	0.002535	0.016606	-0.02487	-0.00918	-0.03637	-0.0062
0.007772	-0.03885	0.00483	0.007696	-0.01699	0.021819	1.66E-04	0.023754	-0.03623	-0.04066
0.001779	-0.00524	0.014318	0.002539	-0.01895	-0.00361	-0.01435	0.04643	-0.02742	-0.03507
-0.01974	-0.0371	0.017246	-0.00317	0.022281	-0.03651	-0.04617	0.0496	-0.01553	-0.01908
-0.05389	-0.0366	0.024227	-0.04091	0.00697	-0.02682	-0.0444	0.022305	-0.00698	0.020414
-0.06098	-0.03746	0.004412	-0.06519	-0.00716	-2.32E-04	-0.026	0.015075	-0.03208	-0.00224
0.005441	-0.0197	-0.00454	-0.03778	0.019099	0.005763	-0.06997	0.007274	-0.05078	-0.02349
-0.03805	-0.02039	0.012075	-0.01783	0.022723	-0.03789	-0.08705	-0.00713	-0.06166	-0.02336
-0.06112	-0.04288	-0.02548	-0.02403	-0.01623	-0.07055	-0.04359	0.005697	-0.03016	-0.02343
-0.00563	-0.02195	-0.03042	-0.05097	-0.02299	-0.03993	0.002139	0.004776	-0.02142	-0.00914
-0.008	-0.03411	-0.01511	-0.04345	0.009092	-0.0113	0.03512	-0.00998	-0.07164	-0.01703
0.006486	-0.01682	0.027318	-0.00529	-0.00519	-0.02089	0.009265	-0.01134	-0.05098	-0.0069
-0.03609	7.05E-04	0.02893	0.026111	0.017745	-0.04471	-0.02658	-0.01848	-0.04248	-0.01137
-0.05613	-0.00831	-0.00458	-6.04E-04	0.021685	-0.04904	-0.03594	-0.06507	-0.03839	-0.02185
-0.02838	0.003493	-0.01311	-0.01855	0.026223	-0.0057	-0.01828	-0.07613	-0.00739	-0.02228
-0.00996	0.004967	0.007732	-0.02552	0.019156	-0.03158	-0.02212	-0.05707	-0.02749	0.021468
0.001344	0.020928	0.043117	-0.00937	0.033388	-0.03001	-0.01285	-0.04087	-0.02993	0.045673
-0.03301	0.021382	0.041927	0.033246	0.019156	-0.03298	-0.01036	-0.00592	0.008975	0.011866

-0.02985	0.014436	-0.03253	-0.0064	-0.02814	-0.04112	-0.00209	-0.00231	0.035223	-0.03502
-0.01862	-0.00223	-0.07588	-0.04927	-0.02101	-0.03238	0.013628	-0.01408	0.027981	-0.01703
-0.02133	-0.00748	-0.06753	-0.03013	0.02038	-0.02333	0.008735	-0.01613	0.019628	0.006624
-0.03654	0.018045	-0.00775	0.009829	0.001378	-0.04969	0.01086	0.001146	0.021445	0.006754
-0.03651	-0.02221	-0.01613	-0.0017	-0.03935	-0.03363	0.008318	-0.003	0.038584	0.005218
-0.02575	-0.0545	-0.07621	-0.04337	-0.017	0.019148	0.00936	-0.03793	0.036243	-0.02206
-0.02298	-0.01161	-0.01041	-0.00122	0.002333	0.001853	-0.00933	-0.08054	-0.01722	-0.02649
-0.02848	0.013729	0.014039	0.023719	0.004396	-0.02973	-0.03587	-0.09026	-0.04727	-0.00279
-0.04676	0.011559	-0.01972	0.020048	-0.01514	-0.02229	0.008413	-0.01026	-0.01332	-0.01699
-0.05031	-0.01309	-0.04692	0.025339	-0.02563	-0.02532	0.002083	-0.00183	0.017067	-0.01664
-0.00968	-0.01287	-0.05312	0.013356	0.007564	0.017501	-0.00754	-0.04664	0.01467	-0.01773
-0.01805	0.019833	-0.03253	0.010555	-0.00832	0.026809	0.004645	-0.04517	0.006255	-0.03294
-0.05484	0.008094	-0.04705	0.030154	-0.00827	-0.00227	0.022782	-0.04075	0.001483	-0.02061
-0.04381	-0.02581	-0.06518	0.001077	-0.057	-0.04997	0.010404	-0.04528	-0.02219	-0.02557
-0.00622	-0.03824	-0.04839	-0.0333	-0.07687	-0.05424	-0.00873	-0.02298	-0.01473	-0.03702
-0.0221	-0.03508	-0.06084	-0.02774	-0.04473	0.004021	-0.0178	-0.02443	-0.03934	-0.07189
-0.03678	0.013859	-0.01504	0.017515	-0.01855	-3.03E-04	-0.03275	-0.05573	-0.03577	-0.08983
-0.03234	0.026982	0.02619	0.044536	-0.01036	0.003804	-5.02E-04	-0.02529	0.007117	-0.0613
-0.03845	0.014417	0.02728	0.025933	-0.04496	0.018717	0.003091	0.007001	0.006915	-0.08381
-0.0351	-0.0308	-0.03955	-0.00986	-0.03002	0.017838	-0.01908	0.018098	-0.00971	-0.05189
-0.03546	-0.03778	-0.08018	-0.00494	-0.00389	-1.78E-04	-0.04946	-0.02926	-0.04199	-0.03174
-0.01834	0.023393	-0.02034	0.04126	0.014558	0.005926	-0.0478	-0.0269	-0.01888	-0.06345
-0.00454	0.044567	0.027817	0.051121	-0.00129	0.02248	-0.0262	-0.01197	0.026002	-0.03056
0.011374	0.001048	-0.00745	0.007734	-0.05251	0.002088	-0.02553	-0.01209	-0.0052	-0.03991
0.015156	-0.04685	-0.08042	-0.02505	-0.06144	-0.0257	-0.06691	0.006439	-0.04377	-0.06046
0.007772	-0.03121	-0.05831	-0.01902	-0.05053	-0.0462	-0.10387	-0.01291	-0.02482	-0.015
0.015774	-0.01493	-0.00743	0.010134	-0.02261	-0.02501	-0.07163	-0.00834	-0.01117	-0.01691
0.011411	0.024878	0.036689	0.002239	-0.01186	0.040575	-0.00958	0.006802	0.001737	-0.04087
-0.00529	-0.01159	0.035556	-0.00642	-0.02289	0.060775	0.024035	0.040845	-0.03156	-0.04964
-0.01063	-0.05825	-0.022	-0.0311	-0.04339	-8.05E-04	-0.03201	0.02483	-0.03313	-0.0305
8.91E-04	-0.02318	-0.00201	-0.00513	-0.02245	-0.03677	-0.07829	0.002975	-0.03503	-0.02553
0.012321	0.022064	0.044968	0.015479	-0.01427	0.004057	-0.03275	0.021348	-0.03728	-0.03336
0.012972	0.008002	0.0427	-0.00761	-0.02028	0.030008	0.012748	0.040199	-0.03522	-0.0373
0.022307	-0.01736	0.00414	-0.01159	-0.00244	-0.01372	0.009493	-0.01141	-0.06606	-0.02696
0.012377	-0.05798	-0.00994	-0.00153	0.009223	-0.03287	-0.03332	-0.02441	-0.05379	-0.0098
0.013475	-0.03561	0.008612	-0.01521	-0.01328	-0.02299	-0.044	0.010407	-0.02487	0.004497
0.002796	-0.0208	0.01152	-0.0467	-0.02431	-0.04158	-0.06076	-0.01539	-0.03786	5.30E-04
-0.00286	-0.01187	-0.02536	-0.04534	0.001231	-0.04309	-0.04095	-0.03917	-0.06159	-0.03216
-0.01462	-0.02182	-0.02477	-0.02259	0.019481	-0.01407	0.014299	0.012698	-1.62E-04	-0.01123
-0.04337	-0.05113	-0.00313	-0.02213	-0.01301	-0.03585	-0.00829	0.003497	-0.00295	-0.00571
-0.06945	-0.09289	-0.01483	-0.0338	-0.00253	-0.05736	-0.04858	-0.01874	-0.03582	-0.01778
-0.02179	-0.05348	-0.02274	-0.04794	0.008272	-0.02096	-0.01221	-0.00502	-0.02006	-0.00954
-0.01345	0.011966	-0.05384	-0.06513	-0.01621	0.001817	0.005452	-0.07108	-0.02498	0.002399
-0.05417	-0.03821	-0.06716	-0.07064	-0.03755	-0.04912	-0.02712	-0.10168	-0.03405	0.001738
-0.05519	-0.03563	-0.02744	-0.07008	-0.03489	-0.06021	-0.02048	-0.02148	-0.00297	-0.04217
-0.00108	-0.00242	-0.01639	-0.0671	-0.00311	-0.03476	-0.0013	0.023584	0.008588	-0.01757
0.005991	0.014492	-0.05482	-0.06531	0.044402	0.023956	0.031593	-0.00972	-0.01423	-0.00469

-0.05942	-0.01503	-0.0422	-0.03815	0.020457	0.010148	0.036612	-0.0321	0.001193	0.03113
-0.06322	-0.01444	-0.01786	-0.02496	-0.03678	-0.03922	0.00611	-0.03093	0.001211	0.026874
-0.01289	0.026292	-0.02371	-0.04554	-0.0279	-0.05146	0.010898	-0.03029	-0.02671	-0.02294
-0.01784	-0.00964	-0.04744	-0.05052	-0.00173	-0.04946	0.016183	-0.02472	-0.02874	-0.02476
-0.03636	-0.03375	-0.06987	-0.05294	0.002388	-0.04945	-0.02551	-0.04041	0.007833	-0.00557
-0.06051	-0.02932	-0.06338	-0.05137	-0.03418	-0.06629	-0.06937	-0.09316	0.003262	-0.01969
-0.09367	-0.01439	-0.04063	-0.04003	-0.05139	-0.09505	-0.05997	-0.0858	-0.01066	-0.04614
-0.06384	0.024974	-0.04248	-0.05784	-0.04195	-0.04954	-0.02968	-0.05992	-0.01277	-0.0444
-0.05309	0.021136	-0.03854	-0.03982	-0.01415	-0.01438	-0.01074	-0.06297	-0.02049	-0.03648
-0.03722	-0.01756	-0.04055	-0.00671	0.009036	-0.00439	-0.03497	-0.05874	-0.02044	-0.03584
-0.05334	-0.02579	-0.04758	-0.01194	-0.01528	-0.01278	-0.05851	-0.04765	-0.01843	-0.01299
-0.02172	0.009105	-0.05433	-0.05198	-0.06944	-0.0309	-0.04161	-0.03001	-0.0133	-0.0204
0.031691	0.027365	-0.01971	-0.01315	-0.07174	-0.03081	-0.04183	-0.03348	-0.01156	-0.03844
0.019406	-0.00613	-0.02737	0.019384	-0.04785	-0.01673	-0.02441	-0.04195	-0.00275	-0.02596
0.005112	-0.01689	-0.02524	0.0041	-0.00753	0.021103	-0.02797	-0.03429	-0.01887	-0.01334
-0.0066	0.017238	-0.00133	-0.01732	-0.03765	0.010626	-0.02574	-0.00776	-0.0304	-0.05386
-0.02435	0.013896	-0.00102	1.43E-04	-0.05627	-0.00107	-0.02846	0.006367	-0.05029	-0.08576
-0.00654	-0.03121	-0.03378	0.008095	-0.0447	4.68E-04	-0.00637	-0.00139	-0.05833	-0.07806
0.010799	-0.03928	-0.03266	0.013356	0.006747	0.001817	-0.05853	-0.02102	0.020271	-0.02906
-0.01039	-0.02219	0.002328	-6.22E-04	0.029478	0.009873	-0.05895	-0.01596	0.023365	-0.00213
0.00956	-0.00334	0.025674	-0.0109	0.002259	0.009598	-0.02831	0.032571	-0.00164	0.030307
0.016037	-3.58E-04	0.011059	-0.00354	-0.03317	0.015024	-0.01065	0.022136	-0.03845	-0.00291
0.050095	0.022652	0.001082	0.014185	-0.0076	0.001979	-0.02553	0.007219	-0.0856	-0.05116
0.001852	0.006976	0.010119	0.041301	0.06435	0.005799	-0.03948	0.028664	-0.02344	-0.01265
-0.01976	-0.01433	-0.01022	-0.03692	0.019882	0.020839	-0.00287	0.026781	0.037304	0.042077
0.015063	-0.01829	-0.01189	-0.07364	-0.00938	0.014634	0.015028	0.014244	-0.00533	0.034755
-0.00207	-0.03602	0.040049	0.012991	0.02417	0.014801	0.00412	0.013066	-0.04107	-0.00231
-0.04237	-0.02375	0.081665	0.035854	0.023591	-0.01261	-0.02101	0.035583	-0.02392	0.023372
-0.02423	0.00159	0.036122	-0.01214	0.033882	-0.03436	-0.03204	0.034673	-0.02703	0.031856
-0.00672	-0.01479	-0.03092	-0.06563	0.023803	-0.01429	0.014069	-0.00105	-0.03863	0.002013
0.008748	-0.04875	0.002491	-0.01676	0.054127	0.025723	0.014318	-0.02191	-0.0209	5.48E-05
-0.00411	-0.02946	0.043574	0.013645	0.052721	-0.00942	-0.02604	0.031995	-0.01724	-0.01368
-0.03563	-0.00101	0.032133	-0.01243	0.021589	-0.0513	-0.01926	0.048341	-0.00656	-0.0178
-0.05931	-0.01545	-0.0184	-0.04122	-0.00945	-0.02979	0.019741	0.016204	0.011433	-0.00638
-0.02277	0.027577	-0.00247	-0.02954	-0.01939	-0.02192	0.023408	-0.02385	0.003608	-0.00882
0.006706	0.054665	0.047048	0.028696	-0.01065	-0.05217	0.010708	-0.03058	-0.01571	-0.0308
-0.03269	0.019173	0.040661	0.055383	0.024983	-0.03421	1.66E-04	-0.01033	0.006677	-0.02735
-0.04299	-0.00897	-0.00848	0.030114	0.010532	-0.00145	0.018055	0.014041	0.043246	0.007701
3.48E-04	0.02038	-0.02449	0.019755	0.003289	-0.01005	0.025942	0.029046	0.030356	-0.03475
0.009154	0.017876	-0.07408	-0.01803	-0.00647	-0.03842	-0.00305	-0.00857	-0.00938	-0.04177
-0.02581	0.003402	-0.04666	0.002295	0.009484	-0.03132	-0.00174	-0.02113	-7.58E-04	-0.0324
-0.05299	-0.00371	-0.00901	0.026092	-0.01034	-0.0068	0.007732	-0.01089	0.001592	-0.04868
-0.0191	0.002296	-0.00181	0.018098	-0.01681	0.013948	0.009113	-0.01219	0.006292	-0.06482
0.007845	-0.00115	-0.00533	0.021105	0.020189	0.022178	-0.03239	-0.02321	-0.00467	-0.03455
0.018538	0.022652	-0.0355	0.033085	0.014936	0.014579	-0.0371	-0.01927	0.012732	-0.0203
0.024347	0.032655	-0.01071	0.051667	0.002443	0.013023	0.021454	-0.0136	0.033211	0.004221
0.02039	0.029828	0.007201	0.04497	-0.02045	0.016662	0.036006	-0.01891	-0.02595	-0.01368

-0.00273	-0.00162	0.010505	0.006368	-0.06148	0.011049	-0.00148	0.017428	-0.02576	-0.02107
-0.01492	-0.03194	0.001605	5.35E-04	-0.02146	0.018905	-0.03684	9.31E-04	9.40E-04	-0.03866
0.01327	0.004967	-0.01141	0.031376	0.018393	0.026066	-0.02867	-0.00834	0.015006	-0.03358
0.030255	0.029751	0.005431	0.051121	-0.01802	0.018474	-3.79E-05	0.002598	0.002208	-0.01784
0.01628	-0.00775	0.012167	0.025577	-0.02944	0.02559	-0.00265	0.005625	-0.02812	-0.03618
-4.83E-04	-0.03057	0.008392	-0.00289	0.001873	0.020538	-0.00718	0.029256	-0.02516	-0.03525
0.006706	0.00264	-0.00249	-0.00439	0.012615	0.006017	-0.02672	0.025662	0.013234	0.009079
0.003615	-1.60E-04	0.019837	0.016466	-0.01349	-0.01219	-0.04522	0.025586	0.006732	0.015731
0.020712	-0.01938	0.042046	0.029415	0.016813	0.008517	-0.0458	0.016389	-0.03799	-0.03571
0.003652	-0.03045	0.009144	-0.03517	-0.00856	0.03325	-0.01587	0.021066	-0.06054	-0.02668
-0.00968	-0.03801	-0.02766	-0.03482	0.007955	0.028339	0.00311	0.019794	-0.05467	-0.00744
0.032527	-5.74E-04	0.015174	-0.00644	0.021493	-0.02149	-0.02857	-0.00643	-0.02523	0.026233
0.042675	0.007599	0.063845	-0.00871	0.018183	-0.00912	-0.04544	0.006041	-0.01089	0.016641
0.02784	-0.00964	0.042085	-0.00144	0.047409	0.051769	7.61E-04	0.038713	-0.01738	0.015523
0.012321	0.007067	0.003668	0.00207	0.046432	0.052801	0.023722	0.038577	-0.02424	0.009545
-0.01088	-0.00718	0.014076	-0.02316	0.025777	0.003894	-0.02467	-0.0038	-0.05589	-0.00816
0.02632	-0.00471	0.043117	-0.02385	0.016718	3.25E-04	-0.05103	-0.00279	-0.04652	0.00387
0.038529	0.009142	0.034405	-0.0295	0.021301	0.024032	-0.00729	0.056294	0.016017	0.027749
-0.03989	0.011096	0.02341	-0.05538	0.02667	0.055076	0.046764	0.07206	0.016691	0.040109
-0.06292	0.006464	0.03814	-0.0222	0.034752	0.032708	0.037562	0.025908	-0.06143	0.005846
-0.02255	-9.52E-04	0.051359	0.01515	0.025874	-0.012	-0.01755	-0.01932	-0.09212	-0.02845
-0.01607	-0.00453	0.033491	-0.00574	0.021281	-0.02494	-0.01844	-0.02668	-0.05117	-0.01506
-0.06568	-0.03146	0.005704	-0.02055	0.036041	-7.03E-05	0.035724	0.005517	-0.04124	0.013427
-0.04925	-0.01494	-0.03364	-0.03587	0.03325	0.022537	0.04173	-0.03257	-0.06415	0.016811
-0.02773	0.005459	-0.03869	-0.05508	-0.01186	-0.01785	0.01166	-0.051	-0.03622	0.003613
-0.07795	-0.0254	-0.01243	-0.01749	-0.02806	-0.05519	1.11E-04	-0.01244	0.019383	-0.00213
-0.05166	0.002586	0.02027	0.042761	0.034594	-0.00933	0.016472	-0.02274	-0.00659	0.008129
0.029655	0.05218	0.012741	0.03557	0.058287	0.018549	-5.76E-04	-0.03021	-0.02306	-0.03164
0.030856	0.020003	-0.01679	0.036544	0.04633	0.042173	-0.01478	-0.05225	-0.0209	-0.02491
-0.0303	-0.00251	-0.04218	0.01915	-0.03232	0.002034	-0.01728	-0.01033	0.014614	0.025516
-0.03229	0.042	0.002346	0.023562	-0.03842	-0.00427	0.022958	0.034983	0.054581	0.001262
-0.02961	0.040613	0.005868	0.020029	0.014898	-0.00754	0.005189	-0.01708	0.048624	-0.02363
-0.00531	0.022178	0.001497	0.006462	-0.00954	-0.02862	-0.03931	-0.05515	0.042529	0.014634
0.038588	0.014063	0.004085	0.014725	-0.03273	0.004039	-0.05307	-0.01507	0.040364	0.006032
0.032703	0.027845	-0.00777	6.80E-05	-0.03932	-0.01551	-0.07255	0.016093	0.010914	-0.00308
-0.00989	0.029751	-0.01804	-0.00256	-0.0385	0.006928	-0.03538	-0.00357	-0.05529	-0.03954
0.012712	0.006573	-0.02081	0.029415	-0.03487	0.015266	-0.0183	-0.0107	-0.012	-0.02159
0.051965	0.00597	-0.0066	0.019736	-0.03835	0.023975	-0.04311	0.00206	0.05002	0.024085
-0.01486	-0.02231	-0.00267	-3.80E-04	-0.03291	0.038276	-0.04557	-0.00888	0.024185	0.008371
-0.01416	-0.04261	-0.0133	-0.01796	-0.02115	0.033444	-0.00467	-0.00112	-0.02852	-0.03441
0.052923	0.004949	-0.01386	-0.00776	-0.03872	5.04E-04	0.001151	-0.00401	-0.04685	-0.06329
0.041024	-0.0136	0.006489	0.037458	-0.00672	-0.00138	-0.01687	0.007346	-0.00716	-0.02553
-0.00467	-0.05906	-0.01679	0.019677	0.021051	6.48E-04	-0.0548	0.009457	7.41E-04	-0.0286
-0.03229	-0.0375	0.001244	-0.03247	-0.01642	-0.02219	-0.06804	-0.00818	-0.02023	-0.02246
-0.02253	-0.00171	0.026056	-0.04247	-0.038	0.009836	-0.00703	0.009311	-0.04917	-0.02192
-0.00166	-0.03586	0.014039	-0.03486	-0.02749	0.043698	-0.02597	-0.00948	-0.03328	-0.01025
0.017953	-0.05451	0.014709	-0.0052	-0.00916	0.043322	-0.03749	0.013286	-0.00952	-0.00217

0.02657	-0.0414	0.009695	0.003479	0.011845	0.006454	-0.02181	0.054732	-0.01022	-0.03082
0.023583	-0.03528	-0.00648	-0.03575	-0.016	-0.01789	-0.01789	0.04882	-0.01051	-0.01904
0.033034	-0.00544	-0.00506	-0.05936	-0.05267	0.012949	-0.02232	-0.00265	-0.06573	-0.03517
0.056181	0.005842	0.007695	-0.01733	-0.00472	0.031568	-0.07736	-0.01153	-0.03923	-0.02653
0.01628	-0.01621	0.01931	0.043461	0.067968	0.033076	-0.07862	0.008146	0.014465	-0.0204
-0.01568	-0.04888	0.030954	0.035935	0.080303	0.014078	-0.05288	0.016853	0.01993	0.009396
-0.03227	-0.05739	0.015435	-0.02167	0.028618	1.94E-05	-0.03585	0.024679	-0.02807	-0.01701
-0.00266	-0.02964	0.026763	-0.02999	-0.00242	-0.00736	-0.01413	0.029485	-0.04829	-0.02332
0.02732	-0.04243	0.017546	-0.02098	4.81E-04	0.004456	-0.0175	0.037622	-0.03971	0.005939
-0.02537	-0.02351	0.008703	-0.00609	0.037294	0.001043	-0.03642	0.014263	-0.02898	0.006235
-0.04593	-0.01822	-0.00906	-0.02948	0.00829	-0.03472	-0.04119	-0.01792	-0.05662	-0.02698
0.011578	0.017951	-0.02139	-0.07524	-0.0117	-0.02904	-0.02387	-0.05776	-0.08975	-0.03567
0.015624	0.016789	-0.01334	-0.08382	-0.00196	-0.01597	-0.02436	-0.02923	-0.07642	-0.02451
-0.01292	0.002296	0.002129	-0.0782	-0.0216	-0.02697	-0.048	0.009749	-0.03382	-0.00153
-0.03299	0.005459	0.017171	-0.03933	-0.00952	-0.05005	-0.05956	-0.00445	-0.04117	-0.00326
-0.02882	0.010911	-0.00513	-0.02558	0.007955	-0.02559	-0.0282	-6.92E-05	-0.01642	0.01106
-0.01539	-0.01141	-0.00871	-0.04254	0.008365	-0.02151	-0.02481	-0.03018	-0.01014	0.03221
-0.02339	-0.0334	0.014318	-0.03642	0.01085	-0.00134	-0.02669	-0.0232	-0.02842	0.027944
-0.01976	0.005477	0.026668	-0.01205	0.033309	-0.00979	-0.02029	-0.0032	-0.01407	0.025071
0.016374	0.015966	-0.01223	-0.0166	0.018202	-0.04249	-0.02663	-0.01835	-0.01184	0.00865
0.048476	0.028653	-0.03399	-0.02188	0.010157	-0.01102	-0.00546	-0.02	-0.02205	-0.05137
0.044814	0.046468	-0.00978	-0.01864	0.048041	0.005508	-0.01085	-0.03224	-0.05572	-0.05516
0.013438	0.027519	0.025217	0.014088	0.057661	0.01306	0.001077	-0.00479	-0.04227	-1.83E-04
-0.01909	0.012003	0.029007	0.014262	0.047572	-0.01388	0.005152	0.029982	-0.00451	0.0186
-0.0405	0.006299	-0.0246	-0.0281	-0.00725	-0.04988	-0.02184	-0.04051	-0.04703	-0.03077
-0.0512	1.10E-04	-0.02475	-0.06334	-0.02408	-0.07586	-0.01979	-0.05017	-0.06552	-0.03259
-0.0427	-3.22E-04	-0.02337	-0.05382	-0.012	-0.07557	-0.01573	-0.02623	-0.04399	-0.0047
-0.06146	0.024135	0.004558	-0.00189	0.039851	-0.02677	-0.01022	0.003227	-0.0075	0.024085
-0.06894	0.018346	0.027836	0.037479	0.066773	0.020237	0.037036	0.021854	0.029119	0.032309
-0.04567	0.005988	-0.02163	0.001002	-0.00162	-0.02168	0.05192	0.008582	0.003863	-0.00688
-0.00243	0.020531	-0.02045	-0.07542	-0.05588	-0.05119	-0.00559	-0.03176	0.002281	-0.04325
0.004966	0.035285	-0.02683	-0.06657	-0.03676	-0.02413	-0.0166	-0.05525	-0.03196	-0.01859
-0.06162	0.021912	-0.01386	-0.01391	0.02895	-0.00343	0.025804	-0.00302	-0.03598	0.028606
-0.07524	0.013431	-0.00376	0.006424	0.014425	-0.01528	0.023232	0.034828	0.012175	0.015693
-0.05249	-0.0041	-0.03456	-0.01001	-0.02125	-0.01763	0.004345	-0.03841	0.003863	-0.02646
-0.01238	-0.00796	-0.01878	-0.01683	0.013161	0.005981	0.018713	-0.02764	-0.00969	-0.05947
-0.02277	-0.02216	0.020817	0.007639	0.019443	-0.0198	-0.00211	0.01741	0.018817	0.019057
-0.02746	-0.00828	0.014541	0.011167	-0.01688	-0.05114	-0.0096	0.012349	-4.69E-04	0.020318
-0.01895	0.011448	-0.01589	-5.29E-04	-1.59E-04	-0.03178	0.009682	-0.0085	-0.00594	-0.04209
0.01355	0.026331	-0.04866	-0.02434	-0.00133	-0.02175	0.017862	-0.02969	0.015249	-0.01005
0.037326	0.034134	-0.02033	-0.01221	0.030124	0.008846	0.020811	-0.02208	0.014427	0.034241
-0.0041	0.033121	0.04266	0.008723	0.066645	0.002304	0.034738	-0.00123	-0.0022	0.029407
-0.00236	0.036871	0.032095	0.026786	0.02634	-0.0633	0.006921	0.002006	-0.01658	-0.01386
-0.02394	0.037027	7.21E-04	0.024568	-5.43E-04	-0.04042	-0.03297	-0.03534	-0.00725	-0.05262
-0.02157	0.031549	-0.03008	-0.01391	0.019481	-0.02594	-0.01	-0.02579	0	-0.03429
-0.00108	0.018177	-0.02494	-0.02894	0.030144	-0.01349	0.014031	-0.02583	-0.00463	-0.02514
-0.02778	0.003039	-0.00616	-0.03119	0.01906	-0.00712	0.014817	2.70E-04	0.012268	0.008371

-0.07303	0.016414	0.004213	0.008038	-0.01995	-0.05013	-0.00824	0.044251	0.025351	0.01556
-0.0674	0.019984	-0.01924	-0.00487	-0.03902	-0.03092	9.84E-04	0.029046	0.019779	-0.02735
-0.00608	-0.00346	-0.04048	-0.02487	0.012973	0.010314	0.005697	-0.02058	-0.01114	-0.02159
0.01439	0.004566	-0.00648	0.014455	0.047266	-0.00357	-0.01587	-0.0541	-0.03598	-0.01992
0.009172	0.034367	0.033569	0.033085	0.070454	0.004655	-0.00502	-0.0466	-0.03193	-0.01617
-0.02172	0.04717	0.036572	-0.0068	0.00569	-0.02489	-0.0018	0.004145	-0.01309	-0.02949
-0.02054	0.036478	-0.0036	-0.00655	-0.02401	-0.02467	0.006581	-0.00629	-0.0064	-0.03988
-0.00245	0.009528	-0.02793	-0.03865	0.001323	-0.01686	0.005847	-0.03009	-0.02085	-0.01398
-0.01204	-3.04E-04	-0.00169	-0.03921	-0.00888	-0.05351	-0.01352	-0.03813	-0.04041	0.024394
-0.02743	0.013041	-0.02522	-0.04284	0.004303	-0.03832	-0.00219	-0.0127	-0.01783	0.03831
-0.00924	0.019607	-0.03531	-0.03986	-0.008	-0.04421	0.005584	0.037583	0.03216	0.029075
-0.00517	0.019136	-0.02398	-0.05692	-0.01455	-0.05031	0.001915	0.001146	0.045245	1.64E-04
-0.04454	-0.01045	-0.02761	-0.06598	0.015466	-0.02304	-0.02782	-0.05201	-0.01047	0.011529
-0.06311	0.010173	0.019968	7.22E-04	0.062699	0.027669	0.002867	-0.0358	-0.04224	0.022159
-0.02907	0.0339	0.043455	0.063863	0.052845	-0.02207	0.033834	0.036281	-0.0054	0.018237
-0.01092	0.028788	2.89E-04	0.036036	0.034633	-0.01421	0.023036	0.037077	0.041952	0.00117
0.019519	0.038816	0.010671	-0.02392	0.039831	0.016606	0.030557	-0.00846	0.014633	-0.04803
-0.00537	0.015966	0.004467	-0.02261	0.009952	-0.03898	0.004195	-0.01886	-0.02371	-0.01717
-0.05393	-0.02399	0.021913	0.025854	0.026709	-0.06249	-0.01515	-0.01124	-0.02613	0.014766
-0.02193	0.011947	0.021913	0.034154	0.012126	-0.04791	-0.0108	-0.01049	-0.03001	-0.0108
-0.00228	0.007104	-0.0306	0.007829	-0.0042	-0.01815	-7.24E-04	0.002006	-0.02917	-0.02917
-0.0386	-0.04682	-0.05246	-0.02197	0.00723	-0.01761	-0.00228	-0.02412	-0.00567	-0.00638
-0.03969	-0.00523	-0.03423	-0.0208	0.017764	-0.03207	-0.00855	-0.04059	-0.04951	0.001006
-0.04705	-0.022	-0.03499	0.005932	-7.07E-04	-0.05835	0.003502	-0.00105	-0.05346	0.004534
-0.0709	-0.04484	-0.06984	0.004893	-0.01614	-0.06514	0.005396	0.007909	-0.00789	0.008576
-0.06273	-0.03259	-0.07385	-0.02064	-0.02341	-0.0396	-0.00542	-0.0207	-0.00281	-0.02995
-0.06104	-0.01402	-0.02997	-0.03263	-0.00753	-0.03899	-0.02488	-0.02747	-0.02761	-0.0487
-0.06793	0.007782	-0.00531	-0.02612	0.013293	-0.0403	-0.00887	0.010297	0.005103	0.013785
-0.06796	0.013283	-0.0153	-0.00904	0.006858	-0.01785	0.029522	0.006204	-0.00345	0.018161
-0.04942	-0.00821	-0.0571	0.009523	2.25E-04	-0.00462	0.024428	-0.0237	-0.01008	2.74E-04
-0.03316	-0.00628	-0.06085	-0.01753	0.003455	-0.00883	-0.02131	-0.05674	-0.0143	-0.00909
-0.06063	-0.00523	-0.0179	-0.03244	-0.0042	-0.01476	-0.0205	-0.05866	-0.01966	0.001958
-0.06825	-0.0173	-0.02585	-0.0341	-0.02125	-0.03621	0.007789	-0.02328	-0.00522	0.015844
-0.08447	-0.03513	-0.05341	-0.04826	-0.08914	-0.06176	-7.05E-04	-0.02878	-0.01597	-0.0314
-0.05994	-0.04362	-0.08313	-0.0672	-0.09536	-0.09822	-0.02655	-0.04928	-0.00739	-0.06531
-0.04288	-0.02659	-0.06914	-0.06707	-0.06452	-0.09401	-0.05825	-0.09149	-0.0463	-0.0842
-0.05589	-0.03987	-0.04156	-0.05888	-0.01542	-0.06961	-0.06152	-0.10051	-0.06309	-0.05518
-0.03521	-0.04787	-0.04096	-0.04225	-0.01365	-0.06107	-0.05714	-0.07037	-0.04811	-0.01185
-0.02243	-0.01267	-0.04929	-0.03157	-0.06137	-0.0763	-0.0452	-0.04281	-0.03291	-0.04642
-0.01453	0.006007	-0.04592	-0.03863	-0.05113	-0.08427	-0.04227	-0.07542	-0.06687	-0.104
-0.02682	-0.02221	-0.09384	-0.08652	-0.01604	-0.08463	-0.05788	-0.09396	-0.09551	-0.11671
-0.02726	0.0152	-0.05451	-0.08544	0.017554	-0.0536	-0.02912	-0.0499	-0.05041	-0.05667
-0.00485	0.030118	-0.01511	-0.0363	0.00697	-0.01767	-0.01054	-0.03321	-0.03483	-0.00162
0.022022	0.022424	-0.02436	0.011397	0.007974	-0.0107	0.001673	-0.02574	-0.0291	-0.04364
0.027628	0.04377	-0.00242	-0.00939	0.037713	0.003677	0.011965	-0.03341	-0.02329	-0.05557
-0.01629	-0.01164	0.02417	-0.00605	0.011094	-0.01873	-0.01881	-0.02705	-0.03532	-0.00255
0.033854	0.026273	0.017864	0.049402	-0.01017	-0.02941	-0.042	0.00682	-0.0227	0.019649

0.086282	0.109193	0.007	0.054134	0.014558	0.012598	-0.01798	0.0186	0.015642	0.035032
0.09049	0.102915	0.020345	0.048462	0.052268	0.016177	0.033373	-0.01728	0.023575	0.043084
0.024366	0.08557	0.05408	0.071607	0.097186	0.032147	0.047136	0.001827	0.005706	0.055334
0.026474	0.109889	0.076765	0.097385	0.092954	0.018436	0.049023	0.046947	0.002408	0.055791
0.063816	0.107206	0.074047	0.104759	0.062214	0.027057	0.062163	0.085106	0.049777	0.034517
0.103962	0.072453	0.04437	0.090342	0.083481	0.099809	0.058007	0.003191	0.044005	0.019458
0.053945	0.077721	0.052352	0.066095	0.102916	0.099358	0.085205	0.01211	0.027692	0.016242
-0.03188	0.099979	0.099229	0.109008	0.12528	0.062367	0.093848	0.027655	0.035635	0.035428
-0.03739	0.071751	0.073855	0.097619	0.109968	0.044831	0.090201	0.077978	0.088659	0.105221
-0.01399	0.038915	-0.00417	0.052635	0.027215	0.050215	0.078194	0.083373	0.11211	0.103063
0.018877	0.035715	-0.01108	0.021556	1.33E-04	0.036731	0.060069	0.018302	0.071999	0.032545
0.011949	0.033666	-0.006	-0.00995	0.001562	0.035503	0.029681	-0.00609	0.051847	0.019095
-0.00182	0.05442	0.028815	0.051016	0.068396	0.056708	0.058198	0.046093	0.057148	0.056872
-0.02055	0.045767	-0.00199	0.035165	0.046432	1.44E-06	0.067831	0.118609	0.093379	0.104687
-0.04347	0.040573	-0.04176	0.017262	0.018927	-0.00529	0.043326	0.060479	0.078807	0.097701
-0.02339	0.04355	-0.00522	-0.0133	0.001837	-0.00295	0.049293	0.023057	0.061619	0.092564
-0.03252	0.011244	-0.04555	-0.05973	0.0239	0.020896	0.055617	0.043678	0.038663	0.090062
-0.04855	-0.00208	-0.04542	-0.02821	0.054272	0.011583	0.015394	0.071786	0.048402	0.079496
-0.04842	-0.01905	-0.02431	0.027183	0.013124	-0.03443	-0.00716	0.07023	0.053314	0.065768
-0.02932	-0.0043	-0.02291	0.013106	-0.01331	-0.04299	0.026455	0.028093	0.048241	0.06511
-0.05023	0.005368	-0.02074	-0.01789	0.037752	0.012893	0.089494	0.052511	0.01827	0.05681
-0.06206	0.008039	-0.03276	0.002408	0.078088	0.028607	0.06332	0.061609	0.009288	0.070962
-0.0992	-0.01428	-0.02882	0.018507	0.06032	-0.02284	-0.01128	0.060972	0.058344	0.08066
-0.11357	-0.05238	-0.07177	-0.00781	-0.0173	-0.0411	-0.01712	0.064788	0.056202	0.085147
-0.10198	-0.06721	-0.08874	-0.03783	-0.03132	-0.04989	-9.28E-04	-0.00302	-0.00112	0.034004
-0.10322	-0.05716	-0.08464	-0.04854	-0.0382	-0.15464	-0.00458	0.010388	-0.02957	0.016982
-0.11244	-0.05839	-0.09106	-0.07717	-0.00952	-0.09562	-0.00261	0.034441	0.016523	0.087665
-0.13814	-0.07827	-0.0867	-0.07186	-0.03122	-0.06447	-0.00864	0.02161	0.02249	0.078664
-0.11577	-0.08184	-0.10639	-0.08055	-0.08659	-0.13813	-0.03645	-0.01922	-0.00524	0.030973
-0.09066	-0.08244	-0.1029	-0.10863	-0.08091	-0.12244	-0.05644	-0.08094	-0.00985	0.009452
-0.10585	-0.08324	-0.08037	-0.10068	-0.04802	-0.09664	-0.08622	-0.09615	-0.0567	-0.02434
-0.10833	-0.09204	-0.05808	-0.08447	-0.04	-0.0934	-0.07482	-0.08161	-0.09795	-0.02301
-0.0758	-0.07477	-0.07367	-0.07249	-0.05617	-0.08917	-0.07919	-0.05534	-0.10747	-0.03145
-0.07677	-0.04563	-0.0718	-0.14365	-0.10398	-0.11646	-0.0844	-0.07813	-0.07543	-0.03255
-0.07277	-0.04943	-0.06575	-0.14748	-0.10965	-0.10328	-0.07462	-0.08358	-0.09112	-0.05064
-0.0869	-0.04991	-0.04319	-0.04922	-0.03227	-0.06903	-0.08902	-0.0935	-0.11542	-0.02054
-0.08777	-0.04008	-0.03843	-0.04489	-0.02412	-0.08847	-0.10091	-0.09001	-0.12936	-0.02754
-0.06845	-0.05065	-0.08739	-0.09481	-0.08444	-0.09369	-0.06677	-0.07303	-0.10311	-0.08259
-0.07079	-0.07127	-0.07597	-0.0952	-0.07107	-0.08351	-0.05154	-0.10427	-0.12959	-0.14136
-0.08631	-0.05815	-0.02519	-0.07124	-0.05248	-0.07075	-0.08126	-0.07658	-0.14716	-0.11806
-0.10774	-0.0519	-0.02339	-0.10397	-0.06636	-0.06967	-0.08556	-0.05594	-0.11978	-0.07422
-0.09911	-0.06146	-0.06621	-0.11199	-0.06397	-0.08009	-0.07235	-0.0497	-0.12322	-0.07267
-0.05457	-0.05752	-0.08002	-0.11153	-0.06297	-0.07356	-0.06645	-0.07057	-0.1544	-0.12707
-0.05369	-0.06081	-0.05589	-0.10284	-0.04318	-0.05973	-0.08561	-0.07113	-0.12558	-0.1317
-0.11014	-0.08932	-0.04182	-0.07206	-0.01953	-0.04789	-0.10067	-0.04966	-0.0994	-0.11042
-0.10481	-0.07501	-0.06437	-0.05289	-0.01641	-0.08235	-0.09938	-0.06195	-0.07707	-0.08135
-0.09922	-0.0332	-0.07606	-0.07236	-0.02425	-0.08266	-0.0937	-0.07734	-0.08209	-0.04486

-0.07362	-0.02424	-0.0395	-0.07307	-0.02867	-0.0978	-0.07335	-0.06513	-0.10268	-0.08402
-0.06405	-0.03023	-0.03915	-0.07501	-0.02866	-0.04765	-0.05532	-0.05558	-0.10373	-0.10119
-0.0907	-0.06164	-0.06739	-0.09404	-0.05103	-0.05998	-0.06912	-0.02797	-0.08772	-0.085
-0.08591	-0.06915	-0.07715	-0.08265	-0.05487	-0.08772	-0.07389	-0.01577	-0.10064	-0.09399
-0.05821	-0.04194	-0.06377	-0.07296	-0.05598	-0.07452	-0.08181	-0.08405	-0.09635	-0.0935
-0.04064	-0.06054	-0.07001	-0.08222	-0.03014	-0.05587	-0.08408	-0.09664	-0.10299	-0.09813
-0.04271	-0.03013	-0.07081	-0.09587	-0.05466	-0.09212	-0.0855	-0.05916	-0.12379	-0.10476
-0.10282	-0.01384	-0.03121	-0.05238	-0.04711	-0.07365	-0.04702	-0.02274	-0.11531	-0.08447
-0.10243	-0.02414	-0.04539	-0.04018	-0.00911	-0.02597	-0.0121	-0.02051	-0.08368	-0.05698
-0.02469	0.009547	-0.05954	-0.03829	-0.03689	-0.05683	-0.02677	-0.06772	-0.1281	-0.07757
-0.03631	0.004038	-0.03069	-0.00217	-0.00694	-0.06402	-0.06445	-0.05239	-0.09513	-0.06848
-0.06364	-0.0264	-0.05783	-0.02526	0.004359	-0.06213	-0.05135	-0.02734	-0.04805	-0.06131
-0.02685	-0.03809	-0.09818	-0.04361	-0.03751	-0.05523	-0.01564	-0.02213	-0.06124	-0.07476
-0.016	-0.0139	-0.04637	-0.02667	-0.00805	-0.05724	-0.01336	-0.03378	-0.05639	-0.06822
-0.0121	0.024573	-0.006	-0.0203	0.004784	-0.06976	-0.02831	-0.02954	-0.07962	-0.07543
0.022212	0.02055	-0.04256	-0.01843	-0.02531	-0.06486	-0.02567	-0.02314	-0.09432	-0.05574
-0.02692	0.001898	-0.0529	-0.03659	-0.04685	-0.06026	-0.04333	-0.04208	-0.07225	-0.05462
-0.03995	-0.03877	-0.0297	-0.04615	-0.04909	-0.0635	-0.05064	-0.07213	-0.04397	-0.01766
-0.03885	-0.0254	-0.0362	-0.04747	-0.05654	-0.05553	-0.04354	-0.07798	-0.05168	0.002068
-0.01891	0.032111	0.002979	0.008247	-0.01168	-0.03355	-0.05011	-0.04043	-0.04247	-0.00914
1.85E-04	7.96E-04	-0.02199	0.011321	-0.01735	-0.03914	-0.02156	0.002024	-0.00392	0.011604
-0.01704	-0.0729	-0.05786	-0.03025	-0.04483	-0.02072	0.001561	-0.00484	0.012788	0.002895
-0.0496	-0.09454	-0.0806	-0.02537	-0.03055	5.53E-05	-0.00517	-0.02936	-0.01367	-0.00253
-0.07559	-0.06486	-0.08292	-0.01672	-0.03273	-0.03835	-0.01817	-0.03757	-0.07084	-0.00837
-0.10075	-0.07322	-0.07217	-0.02179	-0.05504	-0.05964	-0.02152	-0.03176	-0.08636	-0.02084
-0.07493	-0.10687	-0.08218	-0.07065	-0.08413	-0.05646	-0.02142	-0.03689	-0.05604	0.013785
-0.04425	-0.07769	-0.07232	-0.07334	-0.07469	-0.05676	-0.04053	-0.07812	-0.04307	0.013483
-0.03989	-0.03732	-0.06779	-0.06072	-0.05915	-0.05582	-0.06344	-0.09139	-0.08334	-0.02625
-0.0149	-0.00476	-0.05846	-0.04824	-0.04395	-0.06789	-0.06434	-0.08501	-0.09151	-0.04132
0.007827	-0.01118	-0.0514	-0.03206	-0.05412	-0.06381	-0.04029	-0.06819	-0.07441	-0.0126
0.072826	0.047773	-0.02043	-0.00836	-0.04887	-0.05406	-0.03471	-0.05647	-0.03966	-0.012
0.136093	0.141525	0.065577	0.085429	0.056036	0.028645	0.001449	-0.04801	-0.05454	-0.04129
0.234907	0.230354	0.205425	0.193375	0.148988	0.077864	0.055195	0.026401	-0.05117	-0.0596
0.317074	0.248295	0.240864	0.249002	0.189198	0.149128	0.133168	0.134468	0.036596	0.012317
0.284013	0.289329	0.236501	0.257767	0.289264	0.282141	0.240173	0.183119	0.138138	0.139058
0.324297	0.383813	0.352165	0.331309	0.350322	0.295467	0.279416	0.279206	0.210556	0.219762
0.439711	0.403524	0.393351	0.410957	0.357215	0.273939	0.306856	0.392521	0.339563	0.311719
0.444814	0.388944	0.354071	0.391952	0.364642	0.354863	0.382656	0.392477	0.429121	0.385205
0.394365	0.425946	0.447036	0.405272	0.439361	0.458351	0.41665	0.383494	0.397382	0.390917
0.369971	0.473573	0.506743	0.487246	0.470134	0.414878	0.401186	0.431839	0.400867	0.443629
0.45402	0.507106	0.512792	0.537698	0.484896	0.393272	0.430629	0.497043	0.490426	0.461172
0.536726	0.50399	0.467551	0.512802	0.49839	0.477047	0.487008	0.474221	0.507861	0.448474
0.499044	0.522011	0.497993	0.48633	0.529045	0.540936	0.490841	0.476889	0.478419	0.439842
0.460337	0.520634	0.536632	0.503599	0.507643	0.523881	0.477432	0.500476	0.443067	0.459275
0.500072	0.505257	0.509466	0.482741	0.480067	0.510948	0.465724	0.468619	0.456958	0.45561
0.485958	0.412	0.446432	0.42216	0.455282	0.488884	0.466158	0.418068	0.459655	0.433949
0.427887	0.384861	0.433602	0.418964	0.453773	0.476563	0.42923	0.394686	0.430384	0.427109

Md Anwar Hossain Page 298 s3820066, RMIT University

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

230	231	232	233	234	235	236	237	238	239
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.201055	0.100528	0.050264	0.025132	0.012566	0.006283	0.003141	0.001571	7.85E-04	3.93E-04
0.479074	0.50501	0.491507	0.643655	0.888563	0.874531	0.796864	0.890833	0.802866	0.712633
0.237812	0.226257	0.222594	0.262652	0.304797	0.317547	0.264082	0.28074	0.264648	0.233981
0.137916	0.164025	0.152649	0.152319	0.122534	0.118214	0.083724	0.072652	0.100276	0.078655
0.050658	0.101842	0.093916	0.048984	-7.85E-05	0.015554	0.0452	0.003399	0.025107	0.018397
-0.11641	-0.01331	0.010495	-0.02079	-0.02873	-0.01012	-0.04276	-0.03139	-0.03257	-0.05051
-0.16158	-0.12957	-0.05787	-0.03645	-0.05095	-0.03282	-0.06142	-0.04031	-0.02728	-0.04873
-0.0823	-0.12662	-0.0723	-0.04749	-0.03553	-0.04744	-0.05083	-0.07409	-0.04296	-0.04807
-0.0232	-0.05259	-0.04116	-0.06659	-0.06932	-0.0382	-0.05306	-0.09595	-0.08513	-0.05848
-0.04954	-0.03227	-0.06192	-0.09358	-0.10533	-0.03475	-0.02418	-0.06746	-0.09723	-0.0844
-0.08086	-0.05862	-0.04427	-0.08861	-0.08809	-0.06401	-0.0863	-0.12495	-0.06802	-0.09123
-0.11067	-0.09313	-0.06231	-0.0932	-0.08448	-0.08969	-0.11867	-0.14874	-0.07602	-0.08079
-0.09066	-0.11113	-0.10692	-0.10563	-0.07036	-0.10392	-0.09622	-0.12293	-0.1239	-0.08694
-0.10716	-0.11206	-0.10922	-0.12849	-0.11812	-0.13207	-0.08881	-0.10149	-0.11393	-0.08557
-0.09717	-0.07598	-0.08221	-0.07551	-0.11249	-0.14949	-0.09859	-0.12619	-0.12294	-0.13462
-0.054	-0.0754	-0.11003	-0.06296	-0.11153	-0.16617	-0.12081	-0.16089	-0.12981	-0.14738

-0.05544	-0.1058	-0.14208	-0.08258	-0.12895	-0.15275	-0.11452	-0.1611	-0.11718	-0.11748
-0.06166	-0.09723	-0.13314	-0.10495	-0.11637	-0.14879	-0.09437	-0.11906	-0.10848	-0.09171
-0.07077	-0.07716	-0.08943	-0.08801	-0.1409	-0.13074	-0.11448	-0.14315	-0.11487	-0.12685
-0.05765	-0.10138	-0.07958	-0.09095	-0.17564	-0.13863	-0.13721	-0.1696	-0.11863	-0.14586
-0.03858	-0.10859	-0.13198	-0.12089	-0.13736	-0.11688	-0.11308	-0.16788	-0.15277	-0.16252
-0.0672	-0.09723	-0.12227	-0.10193	-0.10887	-0.11555	-0.10678	-0.15902	-0.13797	-0.13815
-0.06651	-0.07521	-0.10694	-0.11105	-0.13381	-0.14015	-0.11299	-0.13602	-0.13271	-0.13107
-0.04902	-0.0843	-0.07381	-0.09591	-0.14991	-0.12904	-0.10685	-0.10913	-0.14226	-0.15445
-0.04827	-0.13164	-0.10695	-0.10555	-0.14457	-0.10265	-0.12744	-0.14509	-0.16673	-0.16356
-0.07109	-0.14511	-0.1287	-0.11542	-0.13797	-0.10069	-0.1505	-0.16551	-0.14572	-0.14576
-0.1151	-0.1429	-0.11399	-0.1299	-0.14235	-0.135	-0.13669	-0.13477	-0.13786	-0.1644
-0.09171	-0.09168	-0.09586	-0.15996	-0.12473	-0.11976	-0.12196	-0.12726	-0.12465	-0.16023
-0.10237	-0.10207	-0.11799	-0.14706	-0.12406	-0.09548	-0.11318	-0.09386	-0.10397	-0.15043
-0.09487	-0.14885	-0.13651	-0.16224	-0.13461	-0.13055	-0.15119	-0.12169	-0.121	-0.15658
-0.08663	-0.12964	-0.12112	-0.13412	-0.16587	-0.16379	-0.17037	-0.14722	-0.12662	-0.16978
-0.11429	-0.19029	-0.17465	-0.14753	-0.1454	-0.12559	-0.14929	-0.1444	-0.16452	-0.17929
-0.12031	-0.16457	-0.15807	-0.16753	-0.12347	-0.09348	-0.12067	-0.12715	-0.16881	-0.16261
-0.11556	-0.09247	-0.1114	-0.15755	-0.12884	-0.12861	-0.12566	-0.12478	-0.15803	-0.13328
-0.11404	-0.10973	-0.08562	-0.11369	-0.09559	-0.14869	-0.17534	-0.15297	-0.16639	-0.14566
-0.13686	-0.11483	-0.06676	-0.10542	-0.08714	-0.12024	-0.1674	-0.1374	-0.14637	-0.15743
-0.10227	-0.09185	-0.07604	-0.10666	-0.09097	-0.07552	-0.11003	-0.11438	-0.13578	-0.1031
-0.08074	-0.06672	-0.10532	-0.11796	-0.08217	-0.07342	-0.06654	-0.11604	-0.14684	-0.08536
-0.11176	-0.10902	-0.11697	-0.13215	-0.10336	-0.13703	-0.13615	-0.14676	-0.14538	-0.11599
-0.12657	-0.08888	-0.08141	-0.15438	-0.10701	-0.14913	-0.14301	-0.12636	-0.14455	-0.1094
-0.12414	-0.08454	-0.07068	-0.13475	-0.08367	-0.13355	-0.12285	-0.14447	-0.17322	-0.13146
-0.12256	-0.08945	-0.11703	-0.10849	-0.06354	-0.11758	-0.1109	-0.15013	-0.14553	-0.12621
-0.15263	-0.10651	-0.13998	-0.11901	-0.07121	-0.11097	-0.09799	-0.13885	-0.11497	-0.09717
-0.14034	-0.09686	-0.09874	-0.09867	-0.06474	-0.1107	-0.10793	-0.1174	-0.12914	-0.11259
-0.09252	-0.05321	-0.05482	-0.0912	-0.05942	-0.09636	-0.10555	-0.09733	-0.14295	-0.11825
-0.08023	-0.05368	-0.08617	-0.06749	-0.05648	-0.08104	-0.06517	-0.09356	-0.11559	-0.09828
-0.07966	-0.06713	-0.13757	-0.06684	-0.06371	-0.09507	-0.04869	-0.10484	-0.10938	-0.09806
-0.08405	-0.06273	-0.09365	-0.05304	-0.06537	-0.08795	-0.0422	-0.10758	-0.10304	-0.11413
-0.05454	-0.04637	-0.08629	-0.06658	-0.05121	-0.06944	-0.0123	-0.0629	-0.06916	-0.07867
-0.02371	-0.03034	-0.10983	-0.06463	-0.02067	-0.0469	-0.00585	-0.05757	-0.0591	-0.02677
-0.0376	-0.03324	-0.10714	-0.05883	-0.0425	-0.0587	-0.02339	-0.07277	-0.05796	-0.03449
-0.07504	-0.05238	-0.09561	-0.0471	-0.08258	-0.0957	-0.04891	-0.07732	-0.05322	-0.06818
-0.0644	-0.02049	-0.07081	-0.03204	-0.06736	-0.09233	-0.04754	-0.07897	-0.05148	-0.09101
-0.05629	-0.02613	-0.09785	-0.06683	-0.05049	-0.05549	-0.01366	-0.0735	-0.08104	-0.08689
-0.05599	-0.041	-0.10996	-0.09615	-0.05405	-0.04061	-0.04342	-0.0933	-0.07799	-0.07108
-0.04133	-0.04703	-0.10406	-0.0871	-0.08059	-0.06888	-0.10073	-0.11989	-0.05985	-0.04548
-0.05398	-0.04477	-0.07704	-0.03665	-0.07238	-0.06667	-0.07953	-0.11723	-0.05846	-0.08404
-0.07886	-0.05878	-0.06021	-0.03353	-0.06707	-0.08241	-0.04701	-0.10347	-0.061	-0.0975
-0.05696	-0.04645	-0.08695	-0.05444	-0.07105	-0.08613	-0.03587	-0.06637	-0.03574	-0.07315
-0.03249	-0.03918	-0.06936	-0.03309	-0.0651	-0.04516	-0.05471	-0.05596	-0.03508	-0.06801
-0.06187	-0.07208	-0.06372	-0.02533	-0.0725	-0.03141	-0.06533	-0.08152	-0.02674	-0.066
-0.07579	-0.02994	-0.05529	-0.04574	-0.09437	-0.0381	-0.03946	-0.06156	-0.01517	-0.05725
-0.03842	-0.01619	-0.0589	-0.05469	-0.09713	-0.017	-0.00792	-0.05854	-0.01629	-0.04749

-0.03717	-0.05766	-0.0629	-0.03131	-0.06738	-0.01121	-0.03131	-0.08865	-0.04417	-0.05061
-0.0397	-0.06387	-0.05348	-0.03761	-0.06311	-0.0217	-0.03657	-0.09057	-0.06725	-0.06276
-0.03209	-0.05979	-0.04501	-0.02131	-0.10306	-0.05835	-0.03941	-0.08467	-0.0594	-0.08219
-0.03049	-0.07394	-0.07857	-0.0338	-0.1191	-0.07926	-0.03546	-0.07077	-0.05658	-0.09182
-0.06153	-0.08501	-0.09308	-0.06675	-0.09883	-0.07042	-0.0276	-0.0558	-0.04221	-0.07968
-0.08007	-0.07626	-0.06181	-0.04689	-0.06361	-0.03868	-0.05008	-0.04986	-0.02232	-0.03319
-0.08092	-0.06517	-0.01844	-0.03716	-0.05788	-0.05342	-0.08207	-0.03763	-0.03915	-0.04999
-0.02635	-0.0823	-0.0413	-0.0791	-0.09103	-0.05766	-0.08206	-0.04881	-0.07279	-0.11762
-0.03692	-0.10659	-0.05873	-0.08995	-0.08705	-0.03271	-0.03405	-0.0494	-0.04832	-0.11372
-0.06817	-0.0939	-0.05356	-0.05165	-0.05601	-0.04952	-0.0422	-0.05686	-0.01903	-0.08073
-0.05928	-0.09832	-0.04593	-0.05634	-0.03826	-0.07971	-0.08861	-0.06975	-0.02936	-0.02788
-0.03274	-0.05444	-0.02912	-0.10248	-0.05756	-0.05522	-0.06798	-0.05604	-0.08031	-0.0517
-0.00412	-0.04427	-0.03885	-0.12519	-0.06468	1.16E-04	-0.03623	-0.02504	-0.0627	-0.07423
-0.02251	-0.07245	-0.03242	-0.08614	-0.04567	-0.01322	-0.07336	-0.03034	-0.03809	-0.04569
-0.07074	-0.07728	-0.00976	-0.04632	-0.03981	-0.03261	-0.09493	-0.02181	-0.03148	-0.02682
-0.08466	-0.08543	-0.03076	-0.06203	-0.03179	-0.05111	-0.13535	-0.03634	-0.02314	-0.0227
-0.07396	-0.05941	-0.0501	-0.06615	-0.04647	-0.07393	-0.10032	-0.04937	-0.06105	-0.04699
-0.05459	-0.07448	-0.04072	-0.06427	-0.06529	-0.04342	-0.07101	-0.04705	-0.08382	-0.06471
-0.07615	-0.09902	-0.04052	-0.0383	-0.04482	-0.04706	-0.07353	-0.03211	-0.07644	-0.06461
-0.07766	-0.065	-0.03534	-0.02067	-0.01571	-0.07819	-0.06736	-0.0088	-0.06381	-0.05275
-0.06614	-0.03565	-0.07336	-0.06401	-0.0159	-0.0646	-0.05619	-0.06474	-0.08462	-0.04548
-0.07084	-0.0512	-0.14091	-0.12328	-0.03655	-0.07865	-0.03531	-0.10558	-0.10215	-0.03727
-0.05219	-0.05285	-0.09693	-0.11558	-0.04738	-0.07079	-0.05262	-0.06321	-0.07805	-0.03632
-0.04567	-0.04286	-0.02635	-0.06114	-0.05802	-0.07435	-0.04563	-0.01633	-0.03915	-0.03299
-0.08379	-0.04848	-0.04054	-0.04887	-0.05902	-0.10748	-0.03976	-0.01136	-0.01692	-0.02875
-0.07084	-0.04189	-0.05451	-0.04792	-0.02857	-0.05253	-0.02533	-0.06514	-0.03962	-0.04084
-0.02335	-0.01877	-0.04853	-0.0693	-0.00399	-0.01537	-0.03312	-0.09306	-0.08785	-0.02668
-0.03121	-0.00529	-0.02769	-0.06599	-0.01263	-0.04691	-0.02786	-0.04741	-0.06031	-0.00347
-0.02821	0.011052	-0.01824	-0.02426	-0.02159	-0.03522	-0.01575	-0.01365	0.002781	0.019808
-0.05029	-0.01007	-0.03949	-0.00943	-0.0668	-0.02701	-0.02931	-0.04768	0.006842	-0.01408
-0.04314	-0.04463	-0.08465	-0.0223	-0.0486	-0.01537	-0.02269	-0.08024	-0.02975	-0.04911
-0.03753	-0.03467	-0.0744	-0.01382	0.001943	-0.02704	-0.00331	-0.07657	-0.06706	-0.06424
-0.02084	7.48E-04	-0.02164	0.012354	-0.03193	-0.03184	-4.99E-04	-0.05366	-0.06657	-0.04654
-0.0018	-0.01126	-0.00594	0.019283	-0.08684	-0.04442	-0.0073	-0.04787	-0.05799	-0.03311
-0.01529	-0.01415	-0.04143	-0.0117	-0.0651	-0.04256	-0.04423	-0.05698	-0.02929	-0.055
-0.02345	0.007129	-0.04479	-0.02041	-0.04649	-0.03457	-0.08308	-0.0907	-0.02966	-0.06053
-0.03825	-0.00795	-0.04076	-0.03107	-0.06612	-0.05164	-0.08123	-0.08593	-0.01921	-0.06364
-0.02994	-0.00283	-0.02576	-0.02409	-0.08943	-0.02871	-0.03146	-0.06936	-0.02759	-0.09131
-0.01623	-0.05132	-0.03653	-0.01486	-0.08027	-0.01161	-0.0102	-0.06044	-0.01921	-0.10774
-0.03407	-0.08331	-0.07141	-0.03244	-0.09278	-0.0204	-0.04694	-0.05409	-0.03207	-0.0931
-0.04435	-0.08118	-0.09635	-0.03581	-0.05142	9.18E-04	-0.03289	-0.02878	-0.02579	-0.05776
-0.00846	-0.05334	-0.05193	-0.00292	-0.04593	0.006869	0.003911	-0.00177	-0.0204	-0.06968
-0.00455	-0.05446	-0.02406	-0.02	-0.06527	-0.0299	0.003334	-0.00396	-0.02918	-0.06531
-0.01288	-0.05233	-0.02327	-0.06812	-0.06873	-0.02892	-0.02316	-0.01292	-0.07225	-0.04916
-0.02891	-0.05994	-0.02088	-0.05908	-0.04948	-1.16E-05	-0.04428	-0.03538	-0.07161	-0.04448
-0.02574	-0.05017	-0.02444	-0.03152	-0.04418	0.001886	-0.05494	-0.00826	-0.05846	-0.07151
-0.02498	-0.06531	-0.02087	-0.04244	-0.04864	-0.02876	-0.06608	0.015534	-0.01967	-0.04619

-0.01621	-0.05499	-0.03137	-0.0705	-0.0285	-0.03319	-0.06376	-0.00806	-0.04688	-0.03584
-0.03097	-0.03368	-0.06036	-0.10673	-0.03474	-0.02724	-0.03939	-0.00147	-0.08703	-0.05978
-0.05572	-0.07608	-0.0353	-0.05374	-0.01545	-0.06418	-0.06102	-0.01191	-0.07918	-0.04484
-0.06718	-0.09025	0.006202	-0.06218	-0.04245	-0.06424	-0.08536	-0.03749	-0.09252	-0.0484
-0.04748	-0.0697	-0.03854	-0.09843	-0.08439	-0.04641	-0.07643	-0.05093	-0.10626	-0.05951
-0.03891	-0.02346	-0.07284	-0.06926	-0.05574	-0.04882	-0.04048	-0.05104	-0.06348	-0.00508
-0.08312	-0.0435	-0.05028	-0.07783	-0.02385	-0.0548	-0.03054	-0.03844	-0.04286	0.023191
-0.08066	-0.04897	-0.03071	-0.05214	-0.01304	-0.10903	-0.05918	-0.00926	-0.02385	-0.01275
-0.09435	-0.02475	-0.01363	-0.03906	-0.00541	-0.09277	-0.04635	0.007406	-0.04197	-0.03182
-0.08482	-0.01557	-0.03202	-0.04923	-0.01963	-0.02539	-0.00583	-0.01518	-0.06448	-0.01322
-0.05217	-0.02402	-0.08425	-0.05155	-0.05464	-0.04897	0.001589	-0.07689	-0.03294	0.017992
-0.07963	-0.03692	-0.07199	-0.02932	-0.07359	-0.08006	-0.04573	-0.11821	-0.03219	-0.00349
-0.05457	0.008496	-0.02647	-0.04049	-0.06926	-0.06894	-0.02876	-0.07623	-0.05161	-0.07004
-0.03449	-0.00279	-0.0428	-0.05	-0.01939	-0.03843	-0.00779	-0.06986	-0.05489	-0.0649
-0.03294	-0.02541	-0.0436	-0.01747	-0.02433	-0.06136	-0.04395	-0.13872	-0.06912	-0.04269
-0.00446	-0.01363	-0.03778	-0.00629	-0.04367	-0.03666	-0.02414	-0.10721	-0.05236	-0.02412
-0.04444	-0.02306	-0.02532	-0.027	-0.0555	-0.03862	-0.04146	-0.0431	-0.01006	-0.03817
-0.04407	-0.00224	-0.03391	-0.02927	-0.05258	-0.03955	-0.03502	-0.03766	-0.00783	-0.06255
-0.00775	-0.01365	-0.0621	-0.01104	-0.03007	-0.00235	-0.00125	-0.07108	-0.02054	-0.04423
-0.03168	-0.07731	-0.04596	0.020489	-0.0257	-0.01955	-0.03607	-0.06657	-0.02112	-0.03874
-0.04394	-0.07487	-0.02583	0.003823	-0.04844	-0.03958	-0.07279	-0.05006	-0.01026	-0.03642
-0.01562	-0.0369	-0.02474	-0.0289	-0.05549	-0.02861	-0.07384	-0.04886	-0.02814	-0.05903
-0.00364	-0.02261	-0.02827	-0.01721	-0.03328	-0.0122	-0.05868	-0.06512	-0.0366	-0.09926
0.005337	-0.03268	-0.01649	-0.00229	-0.01037	0.022898	-0.01639	-0.0558	-0.04778	-0.0644
-0.01176	-0.06911	-0.01815	-0.00598	0.003058	0.012321	-0.02311	-0.02421	-0.01888	0.002926
-0.02045	-0.07894	-0.0174	-0.01054	-0.01681	-0.01976	-0.04605	-0.01939	-0.0201	-0.00921
-0.00127	-0.04127	-0.03769	-0.03858	-0.05488	-0.01716	-0.05231	-0.02726	-0.05073	-0.06273
0.001356	-0.03732	-0.01785	-0.04857	-0.05281	-0.01035	-0.07395	-0.029	-0.02157	-0.03844
-0.01823	-0.0416	0.003425	-0.03326	-0.00784	8.45E-04	-0.06074	-0.00953	-0.01228	-0.0431
-0.01847	-0.00996	0.010723	-0.02098	-0.02316	-0.01798	-0.04193	-0.00261	-0.03809	-0.05437
0.020922	0.038347	0.01219	-0.07194	-0.08459	-0.01852	-0.05031	-0.00924	-0.06315	-0.02046
0.045023	0.020642	0.007333	-0.07036	-0.07079	-0.00873	-0.06371	-0.01209	-0.05395	-0.03091
-0.00671	-0.0439	0.006918	-0.04376	-0.02806	-0.03825	-0.08071	-0.00711	-0.04334	-0.03596
-0.02566	-0.03828	0.006296	-0.01857	0.009696	-0.05935	-0.05116	0.009245	-0.0255	0.001605
-0.02863	0.00573	-0.01806	-0.04298	0.002162	-0.06992	-0.03861	0.003343	-0.02767	-0.00782
-0.02019	-0.00409	-0.01264	-0.06625	0.002363	-0.02788	0.004265	0.003658	-0.03666	0.004774
-0.00636	-0.01195	0.033845	-0.00481	0.04119	0.027567	0.021837	0.021703	-0.02206	0.007758
-0.07075	-0.00547	0.036784	0.045491	0.036106	-0.04215	-0.02926	0.02979	0.001674	0.006968
-0.07113	-4.47E-04	0.017528	0.022533	-0.0063	-0.07828	-0.04483	0.006845	-0.02035	0.001921
-0.01006	0.020449	0.002528	-0.00885	-2.96E-04	-0.02096	-0.00188	-0.03022	-0.05427	-0.05048
0.004538	0.028814	-0.03097	-0.04642	0.003424	-0.00132	-0.00587	-0.03923	-0.0498	-0.0349
-0.02652	0.013018	-0.04086	-0.04671	7.58E-04	-0.04752	-0.02853	-0.01828	-0.00807	0.033819
-0.07033	-0.00385	0.010495	0.030206	0.017514	-0.05575	-0.0294	-0.02792	-0.02489	0.009873
-0.04569	-0.01031	-0.00147	0.028529	0.004047	-0.02661	-1.48E-04	-0.04456	-0.03501	-0.02953
0.006065	-0.02266	-0.05892	-0.02076	-0.01224	0.007294	0.022867	-0.03156	-0.01759	-0.05613
-0.00202	-0.00722	-0.0467	-0.007	-0.00896	-0.03201	-0.03447	-0.05906	-0.04161	-0.06802
-0.0195	0.005954	-0.03309	0.00641	0.038045	-0.01442	-0.00928	-0.04843	-0.02134	-0.03309

-0.04303	0.007055	-0.01842	-0.00474	-0.00164	-0.03415	0.001589	-0.01943	0.009252	-0.02004
-0.02696	0.005898	-0.03511	-0.01142	-0.06473	-0.06374	-0.01338	-0.01365	0.027016	-0.03698
-0.02197	-0.00739	-0.05926	-0.02373	-0.0386	-0.0436	-0.02007	-0.02339	-0.00261	-0.05958
-0.00735	4.54E-04	-0.0459	0.023672	0.003167	-0.02469	-0.03485	-0.06566	-0.03791	-0.05588
-0.00542	0.035924	0.016024	0.066319	0.017211	-0.02371	-0.00837	-0.07207	-0.05464	-0.03027
-0.02846	0.025429	0.021565	0.038568	-0.00442	-0.02724	-0.00344	-0.04616	-0.01072	-0.02431
-0.02714	0.007391	-0.03669	-0.00192	-0.01265	0.004214	-5.61E-05	-0.02195	0.010096	-0.04747
-0.00389	0.014859	-0.03973	-0.00582	-0.02692	0.007239	-0.01868	-0.07482	-0.02373	-0.05253
-0.00844	0.034549	-0.01624	0.002916	-0.01476	-0.00994	-0.01043	-0.06031	-0.00157	-0.02408
0.003758	0.038086	-0.01965	0.02352	0.021123	-0.02335	0.0173	-0.00509	0.018206	-0.0116
0.018423	0.045248	0.001019	0.029242	-0.04093	-0.01637	0.037527	0.017255	0.013242	-0.02206
0.004375	-0.0018	-0.02572	-0.0123	-0.07909	-0.00652	0.024543	0.02409	0.005113	-0.05319
-0.01682	-0.03085	-0.07194	-0.01296	-0.05829	-0.02032	-0.03707	-0.03448	-0.0034	-0.0584
-0.00995	0.006177	-0.04826	0.008774	-0.04225	-0.04835	-0.05259	-0.06933	0.004519	-0.03834
0.00452	0.010336	-0.02351	-0.00549	-0.06827	-0.04536	-0.02696	-0.03768	0.014265	-0.04674
0.008201	-0.02306	-0.02471	-0.02852	-0.07753	-0.04263	-0.00412	-0.01724	-0.00354	-0.05203
0.002384	-0.0444	-0.0665	-0.0085	-0.03171	-0.01149	-0.0367	-0.01669	-0.0478	-0.092
-0.01895	-0.05251	-0.08742	0.023767	-0.01272	-0.03031	-0.07504	-0.04049	-0.03486	-0.09071
-0.02616	-0.02227	-0.0278	0.038843	-0.02844	-0.03162	-0.04482	-0.03395	0.012808	-0.01046
-0.00125	-0.01638	-0.00368	-3.54E-04	-0.05904	0.003975	-0.00494	-0.03153	0.026801	-0.01363
0.005228	-0.04683	-0.01632	-0.03524	-0.05975	0.002929	-0.0244	-0.02029	0.01096	-0.03338
-0.02017	-0.05365	-0.01723	-0.00193	-0.02118	0.022189	-0.02489	0.010545	-0.03313	-0.03177
-0.02236	-0.02407	-0.01134	0.029666	0.009306	0.03262	-0.0347	0.004067	-0.03292	-0.00898
0.004157	0.006606	6.85E-04	0.006557	-0.02794	0.038209	-0.02696	0.022633	-0.00679	-0.0264
-0.00503	-0.01817	0.018572	-0.04446	-0.02019	0.06033	0.001626	0.010526	0.004612	-0.02292
-0.00457	-0.06344	-0.00132	-0.04391	-0.00711	0.047856	0.003018	0.00175	-0.04697	-0.03637
0.0026	-0.05489	-0.00557	-0.0123	-0.01979	-0.02177	-0.03829	2.00E-04	-0.04216	-0.02285
0.010697	-0.05506	-0.00132	-5.33E-04	-0.03606	-0.02605	-0.08238	-0.02928	-0.06173	-0.0212
0.005701	7.30E-04	0.022384	-0.00426	-0.01247	0.001812	-0.06533	-0.04594	-0.05626	-0.04699
-0.00384	0.010412	0.027	-0.0166	-0.00501	0.037911	-0.00765	-0.02041	-0.0358	-0.01052
-0.02686	-0.04896	-8.55E-04	-0.0272	-0.00422	0.002581	-0.01094	-0.02379	-0.07542	-0.0092
-0.03402	-0.09149	-0.00193	-0.04175	-0.0197	-0.03905	-0.05601	-0.02786	-0.07029	-0.02824
-0.01616	-0.05081	0.004399	-0.06548	-0.01047	-0.00214	-0.04741	0.013061	-0.02812	-0.02883
-0.00109	0.002816	0.012687	-0.03946	0.029541	0.015818	-0.01628	0.009735	-0.03245	6.59E-04
-0.01611	0.02331	-0.01533	-0.00982	0.020723	0.002526	-7.57E-04	-0.04647	-0.0494	0.001902
-0.03899	-0.0181	-0.01023	0.005461	-0.02275	-0.05901	-0.02127	-0.06258	-0.05416	-0.01968
-0.02635	-0.00726	0.026211	-0.00356	-0.03756	-0.0955	-0.05921	-0.03065	-0.03584	-0.00907
-0.00405	0.023407	0.032384	-0.00829	0.008453	-0.04646	-0.03855	-0.01463	-0.04801	-0.01113
-0.00772	-0.00321	-0.01881	-0.02632	0.030846	-0.03556	-0.04147	-0.03985	-0.06885	0.002497
-0.04358	-0.02701	-0.02802	-0.01804	-0.00317	-0.06133	-0.02907	-0.05176	-0.03724	0.037031
-0.05862	-0.01486	-0.00636	-0.00288	-0.02318	-0.0575	-0.01052	-0.03422	-0.01595	0.036709
-0.06649	-0.04028	-0.0223	-0.01119	0.007601	-0.01919	0.009874	-4.81E-04	-0.01641	-0.04287
-0.02709	-0.01977	-0.02908	0.010874	0.03575	0.020907	0.03803	0.021219	-0.03112	-0.06014
0.011692	0.006569	-0.04665	-0.00598	-0.0082	-0.00888	0.026932	-0.02167	-0.04344	-0.02113
-0.04435	-0.02037	-0.04998	-0.00554	-0.04608	-0.06883	-0.01	-0.04226	-0.02776	-0.02525
-0.05419	-0.01145	-0.05928	-0.00705	-0.0661	-0.08392	0.001238	-0.00564	0.009102	-0.04911
-0.02027	0.012053	-0.0754	-0.01712	-0.04771	-0.06694	0.018127	-0.02511	-0.00742	-0.03545

-0.00271	0.003705	-0.04725	0.001377	-0.02237	-0.03807	-0.01262	-0.0467	-0.01006	-0.04712
0.020226	0.004614	-0.02532	0.006337	-0.01171	0.005152	-0.01961	-0.05282	0.017041	-0.04533
-0.01799	-0.01129	-0.03868	0.010284	-0.03427	-0.00777	-0.02828	-0.03426	0.022685	-0.01647
-0.03271	0.016059	-0.01009	0.023292	-0.0704	-0.05884	-0.03328	-0.03139	-0.00879	-0.05486
-0.01491	0.03029	0.0035	0.026056	-0.05289	-0.0561	-0.01345	-0.04099	-0.00292	-0.05634
-0.00742	-0.00336	-0.03988	-0.00217	-0.03378	-0.00936	2.58E-04	-0.0423	0.014814	-0.02719
-0.0289	-0.01356	-0.04099	-0.00524	-0.03756	0.013935	-0.02979	-0.05091	0.012071	-8.39E-04
-0.03708	-0.01986	-0.02081	-0.01068	-0.05813	-0.00407	-0.04315	-0.04986	-0.02893	-0.03681
-0.02081	-0.01351	-0.03701	-0.02155	-0.0706	-0.03373	-0.0102	-0.02638	-0.0569	-0.07242
-0.01247	-0.01203	-0.04397	0.003478	-0.03333	-0.0244	-0.00424	-0.03255	-0.01584	-0.06168
0.014246	-0.03572	-0.03244	0.023406	0.002418	0.010024	-0.02468	-0.03368	0.009533	-0.06276
0.017899	-0.01036	0.01179	0.028299	0.010961	0.004195	-0.04972	-0.02793	-0.00958	-0.02811
0.038754	-0.00579	-0.00827	-0.01401	-0.01277	-0.02214	-0.03127	0.003658	-0.02558	-0.00996
0.035136	-0.03736	-0.05717	-0.04636	-0.06426	0.003479	-0.06179	-0.01918	-0.03542	-0.03971
-0.0095	-0.06622	-0.02288	-0.04561	-0.088	0.01735	-0.07381	-0.02586	-0.04196	-0.05948
-0.04622	-0.09589	-0.0263	-0.0309	-0.07192	7.72E-04	-0.05174	-0.00244	-0.04282	-0.04623
-0.05319	-0.08986	-0.04608	-0.03939	-0.03778	-0.03344	-0.05239	-0.0125	-0.06319	-0.01613
0.005683	-0.01887	-0.0146	-0.05474	-0.04667	-0.02815	-0.01366	-0.01016	-0.07197	-0.02672
0.029583	0.010073	-2.80E-04	-0.00177	-0.02189	0.016915	-0.0087	-0.01268	-0.04499	-0.04149
0.025774	0.004428	-0.01931	0.01838	0.003405	0.022841	-0.01366	0.007987	-0.00205	-0.02871
0.021318	0.007503	0.001019	-0.02605	0.019201	0.017786	-0.0032	0.025103	0.010472	0.024872
0.002944	-0.01996	0.019988	-0.03488	0.014009	0.023917	0.02174	0.040792	-3.45E-05	0.031128
0.011305	-0.02618	0.020747	-0.01298	8.31E-04	0.034252	0.017377	0.030698	-0.05563	-0.02902
0.015845	0.007653	0.048761	0.001829	-0.00501	0.010024	-0.03838	0.003399	-0.07262	-0.0581
-0.00213	-0.02075	0.059798	0.007582	0.015344	0.00205	-0.04285	0.022303	-0.00318	-0.02661
-0.01249	-0.05412	0.002958	0.013021	0.040991	-0.01069	-0.0347	0.00275	-0.01928	0.021244
-0.03183	-0.02344	-0.0625	-0.07703	0.003955	-0.00326	-0.0017	0.007294	-0.03766	0.023601
-0.01104	-0.02196	-0.0166	-0.08489	-0.02642	-0.01523	-0.00291	0.008832	-0.0324	0.017645
-0.03715	-0.01951	0.023715	-0.02	-0.01567	-0.05925	-0.01065	-3.90E-05	-0.01418	0.037535
-0.0801	-0.05632	0.004343	-0.01892	-0.02567	-0.05765	-0.02369	0.021084	0.011525	0.03456
-0.03957	-0.01206	0.003743	-0.01847	-0.01427	-0.00567	-0.01203	-0.00416	-0.01008	-0.02249
-0.02432	0.019295	-0.00712	-0.01016	0.005351	-0.01564	-0.00316	-0.04576	-0.06219	-0.04724
-0.03568	2.70E-04	-0.00185	0.014397	0.009696	-0.03745	0.00365	-0.03019	-0.04274	-0.00318
-0.04696	-0.02261	0.015081	0.033656	0.019505	-4.66E-04	0.029552	0.005034	0.014151	0.01486
-0.05284	-0.02348	-0.01145	0.031637	0.004395	-0.00168	0.001219	-0.00418	0.029502	-0.03528
-0.02958	0.004261	-0.02586	0.005498	-0.01967	-0.01606	-0.01838	-0.03153	0.023575	-0.02189
-0.03737	-0.00494	-0.06134	-0.0286	-0.05659	-0.06936	-0.02053	-0.04827	0.029286	0.011199
-0.02272	0.014726	-0.02849	-0.01216	-0.03853	-0.05231	0.005628	-0.01354	0.031686	0.019673
0.00374	0.039432	-0.0023	0.019038	-0.01849	0.003406	0.023315	-0.01427	0.021758	-0.01866
0.015696	0.010449	-0.02891	0.016393	-0.00371	0.037514	0.00767	-0.02194	0.00714	-0.07285
0.013041	-0.02615	-0.06787	0.018267	0.039038	0.039403	-0.01164	-0.01498	4.98E-04	-0.03608
0.004139	0.021781	-0.02141	0.036722	0.02923	0.009893	-0.01411	-0.02251	0.012015	-0.01162
-0.00186	0.034051	0.020046	0.041589	-0.02716	-0.00246	-0.03679	-0.03754	0.015631	-0.0406
0.001752	-0.0303	0.011256	0.022324	-0.03903	0.014141	-0.00558	-0.01939	-0.03722	-0.07328
-0.0054	-0.0649	-0.01309	0.010284	-0.02083	0.015781	0.004843	0.010922	-0.06017	-0.0785
0.004919	-0.05128	-0.02062	0.018981	-0.01876	0.008796	-0.03767	-0.03431	-0.04872	-0.06348
0.024879	-0.06192	-0.00685	0.019264	-0.02509	0.014235	-0.0408	-0.02032	-0.02905	-0.03273

0.033038	-0.03193	-0.00115	0.017142	-0.01527	0.022017	-0.03103	-0.0058	-0.01993	-0.03151
0.02734	-0.00708	-0.01051	-0.01135	-0.02531	0.002288	-0.0114	-0.01497	-0.02917	-0.02897
-0.0178	-0.03921	-0.01275	-0.02698	-0.03113	-0.05006	-0.02391	-0.0147	-0.06758	-0.02731
-0.0037	-0.03333	-0.00438	-0.02131	-0.01106	-0.02822	-0.03323	-0.02136	-0.06454	-0.0248
0.010992	0.004001	0.029912	-0.01023	0.006881	0.003589	-0.01538	-2.21E-06	-0.03715	-0.01298
-0.01212	-0.02084	0.026447	-0.00486	-8.95E-04	-0.02933	-0.04492	0.001639	-0.03304	-0.02168
-0.03455	-0.03803	-0.00272	-0.01245	-0.00957	-0.01896	-0.01667	0.001898	-0.04834	-0.00343
-0.03756	-0.05727	-0.01607	-0.01653	0.005351	-0.02757	-0.0133	-0.02502	-0.04538	-0.00731
-0.02736	-0.03828	0.004736	-0.04195	-0.00723	-0.04136	-0.0403	-0.02227	-0.0353	-0.01135
0.002637	-0.01	0.019542	-0.02701	0.008805	-0.00208	-0.02576	-4.99E-04	-0.04696	-0.02534
0.018404	0.002464	0.010267	-0.0386	0.013503	0.001064	-0.02978	-0.01897	-0.05456	-0.00847
0.003179	-0.01498	-0.04084	-0.0505	0.019182	-0.00281	0.008912	-0.01507	-0.04061	-0.0041
-0.00918	-0.02872	-0.00882	-0.01438	0.014347	-0.0169	-0.00661	-0.03235	-0.03241	0.013178
2.22E-04	-0.01081	0.036986	-0.03751	-0.02418	-0.02229	-0.00424	-0.02617	-0.02253	-0.01228
-0.00136	-0.04362	-0.00782	-0.06103	-0.00348	-0.0235	0.009553	0.004904	-0.03492	-0.01789
-0.00127	-0.02315	-0.05564	-0.06461	0.024244	-0.00212	0.007746	-0.06412	-0.05878	0.017837
-0.01039	-0.01122	-0.04454	-0.02486	0.008879	0.004122	-0.02741	-0.08559	-0.04178	-0.00756
-0.01663	0.019525	0.009318	0.003351	-0.02954	-0.07588	-0.05576	-0.02504	-0.00181	-0.00773
-0.00204	0.022225	0.009698	-0.00591	-0.0078	-0.06648	0.010082	-0.01293	-0.0317	-0.00171
0.021262	0.026073	-0.01915	-0.00809	0.023457	-0.01926	0.031592	-0.00151	-0.02394	0.023777
-0.00261	0.021645	-0.05045	-0.03716	-0.00465	-0.04119	-0.00808	-0.03665	0.003094	0.009664
-0.03748	0.018354	-0.01986	0.009252	0.021486	-0.01419	-0.00772	-0.04705	-0.01947	-0.02471
-0.00969	0.026776	0.026388	0.042164	0.02824	-0.02533	0.004209	-0.03847	-0.01618	-0.03519
-0.00696	-0.00851	-0.0521	-0.0243	0.036817	-0.0347	-0.01541	-0.06412	-0.02434	-0.03908
-0.01474	-0.0119	-0.07439	-0.02447	0.063616	0.02194	0.006208	-0.05144	0.001141	0.009721
-8.33E-05	0.005823	-0.04922	0.014248	0.028783	-0.00118	0.021915	-0.04263	-0.00868	0.023171
-0.01695	0.026855	-0.00276	0.038981	-0.00562	-0.03312	0.032128	0.008945	-0.0102	-0.01151
-0.06589	0.019179	-0.00889	0.016674	0.006585	-0.01889	0.03175	0.014372	0.010603	-0.0364
-0.04142	0.006644	-0.03749	-0.0142	0.010775	0.004563	0.028684	-0.02321	0.022917	-0.04025
0.032554	-0.0059	-0.0479	-0.01154	0.009361	0.016915	0.006601	-0.04927	0.016564	-0.02373
0.038145	-7.77E-04	-0.01262	0.011022	-0.02466	0.025825	-6.83E-04	-0.0431	0.014094	0.00974
-0.00839	0.037665	0.032384	0.001648	-0.05718	0.006277	-0.00197	-0.01441	0.012317	-0.00787
-0.0045	0.033336	-0.00993	-0.00972	-0.0386	-0.0017	-0.02473	-0.03398	-0.00281	-0.0528
0.021092	-0.02196	-0.03164	0.010339	-0.0289	-0.00836	-0.0329	-0.03007	-0.00859	-0.06779
0.022773	-0.03929	-0.01069	0.008627	-0.07462	-0.02124	-0.06433	-0.02441	0.023226	-0.01485
0.013189	-0.01884	0.024696	0.019697	-0.02711	-0.00678	-0.04352	-0.01209	0.028815	0.047781
0.003831	-0.01072	0.01282	-0.01237	-0.04513	0.02567	-0.00311	-0.01468	-0.0588	-0.00609
0.020696	0.005898	4.62E-04	-0.00838	-0.07287	0.006628	-0.02028	-0.0364	-0.07139	-0.03225
0.018911	-0.04664	-0.00243	0.013448	-0.0457	-0.0236	-0.04606	0.006209	-0.02101	-0.00938
-0.02127	-0.07909	0.003612	0.015179	0.027891	0.007313	-0.05285	0.037569	0.02647	0.003709
-0.04019	-0.06829	0.011085	-0.02293	0.021772	0.02459	-0.02418	0.028982	0.007438	0.003933
0.03124	-0.01585	-0.00515	-0.02426	-0.02351	0.015875	0.002684	-2.06E-05	-0.03831	-0.01756
0.042778	-0.01322	0.008334	0.005881	-0.02971	0.002819	0.01027	-0.01238	-0.06576	-0.02954
0.008915	-0.05094	0.026625	0.016823	0.011968	0.024918	-0.00872	0.012852	-0.05146	-0.01506
-0.0023	-0.05962	0.013643	0.0224	0.033566	-0.03843	-0.05638	0.012284	-0.01338	0.010934
0.009117	-0.04377	-0.01244	-0.04887	-0.00969	-0.07327	-0.05628	-0.01695	-0.01931	-0.01424
0.034397	-0.03874	-0.0106	-0.06752	0.004249	-0.00522	-0.01625	-0.02589	-0.02776	-0.00654

0.001698	-0.05004	0.019658	-0.03927	0.00176	0.025207	-0.02783	-0.00752	-0.03959	0.006629
-0.04962	-0.0831	0.017992	0.012298	0.007453	-0.02366	-0.0442	-0.0048	-0.05982	0.007099
-0.05799	-0.07756	-0.0133	-0.00392	-0.01038	-0.0504	-0.04332	-0.03356	-0.04074	0.017009
-0.0189	-0.01954	-0.01831	-0.0579	-0.01674	-0.03172	-0.01131	-0.01546	-0.01079	-0.00415
0.007104	-0.01161	-0.00383	-0.03584	0.020437	-0.03063	-0.03312	-0.03166	-0.04556	-0.01883
-0.0297	-0.02769	0.016582	-0.02019	0.039993	-0.00407	-0.02847	-0.01895	-0.0747	0.002646
-0.04065	-0.01194	0.041862	0.003605	0.010216	-0.03613	-0.02279	0.002157	-0.0505	0.014841
-0.01515	-0.00186	0.012209	-0.00822	-0.01913	-0.02765	-0.01404	0.012701	0.00219	-0.00972
0.01803	-0.01233	-0.00967	-0.02334	-0.02026	-0.03903	-0.00911	-0.00944	-0.01283	-0.06305
0.023209	-0.00438	0.012	-0.02596	0.002527	-0.01912	-0.00221	-0.05466	-0.05362	-0.02205
-0.03555	-0.02646	0.010381	-0.00993	0.025302	0.018906	0.005665	-0.04789	-0.05409	0.02869
-0.066	-0.0434	-0.0353	0.003605	0.020914	-0.02864	0.009459	0.001399	-0.03872	0.020661
-0.03505	-0.0169	-0.03111	-0.01042	0.00629	-0.04655	0.002201	0.014981	-0.00697	-0.02069
-0.02539	-0.03104	-0.02527	-0.02511	0.028977	-0.01384	0.007351	-0.03992	-0.03655	-0.06281
-0.05834	-0.00946	-0.01583	-0.04818	0.002838	-0.03477	0.024954	-0.04346	-0.0357	-0.03796
-0.07623	-0.00264	7.96E-04	-0.03687	-0.04308	-0.101	0.0138	-0.00147	0.001969	-0.00457
-0.00643	0.018565	-0.0154	-0.02547	-0.05345	-0.09116	-0.02644	-0.00962	2.20E-06	-0.07256
-0.00207	0.008702	-0.0467	-0.05655	-0.03861	-0.06771	-0.07583	-0.10598	-0.03626	-0.08908
-0.05721	-0.01559	-0.06858	-0.04977	0.005995	-0.03564	-0.07615	-0.12744	-0.04637	-0.06908
-0.04777	-0.00343	-0.05894	-0.02213	0.013016	-0.06826	-0.0535	-0.09587	-0.01363	-0.0564
-0.06369	-0.00516	-0.04012	-0.00604	-0.00661	-0.06349	-0.00976	-0.07878	8.65E-04	-0.05752
-0.06403	-0.0082	-0.03563	0.005972	-0.05015	-0.04	0.012297	-0.05304	-0.02781	-0.09385
-0.04984	-0.04097	-0.04829	-0.00454	-0.02632	-0.00436	-0.01731	-0.03356	-0.02672	-0.06477
-0.03148	-0.008	-0.02444	-0.0138	0.032879	0.017748	0.008065	-0.03463	-0.00423	-0.01944
-0.03374	0.029011	-0.01127	-0.00127	0.011464	-0.04749	0.025208	-0.04485	-0.00214	-0.01663
-0.05093	-0.00339	-0.05528	0.028203	-0.02449	-0.06831	0.011046	-0.01879	0.005335	-0.0599
-0.05758	-0.02398	-0.09438	-0.01017	-0.03176	-0.03735	0.021255	-0.01717	-0.00604	-0.07454
-0.03333	-0.00399	-0.07952	-0.03296	-0.02048	-0.02868	-0.01171	-0.05487	-0.02765	-0.04218
-0.03279	0.015354	-0.00936	-0.00329	0.019163	0.002709	-0.00536	-0.04639	-0.00545	-0.04726
-0.04405	-0.02269	-0.01107	0.005352	-5.32E-04	-0.0327	0.004731	-0.04509	0.005948	-0.05394
-0.03401	-0.03368	-0.04253	-0.01544	-0.0585	-0.03581	-0.00866	-0.03744	0.022743	-0.03347
-0.00263	-0.00241	-0.02832	-0.01538	-0.05645	-0.0173	-0.0247	-0.02984	-0.00485	-0.04421
0.02064	0.004707	-0.04362	0.011817	0.028453	0.027625	-0.01566	-0.05696	-0.03484	-0.04531
-0.04806	0.017549	-0.02293	0.012984	0.04757	0.021118	0.013762	-0.05162	0.001435	-0.01374
-0.07513	0.023892	0.010761	0.025922	0.023112	-0.01292	0.018589	-0.02255	0.010415	-0.00744
-0.04724	0.032226	-0.00924	0.019546	-0.006	-0.0195	-0.00661	-0.04131	0.001472	-0.04895
-2.63E-04	0.01245	-0.04116	-0.01263	-0.02147	-0.01751	-0.01457	-0.02462	-0.00612	-0.06045
0.003595	0.011788	-0.02342	-0.01817	-0.04318	-0.02498	-0.03109	-0.05822	0.001067	-0.03876
-0.02593	0.030724	0.019677	0.027876	-0.00146	-0.02946	-0.00527	-0.05145	0.009946	-0.06096
-0.0227	0.049039	0.021779	0.039533	-0.01054	-0.03868	-0.00444	-0.02414	-0.02155	-0.09498
0.004901	0.015964	-0.0263	0.016898	-0.06694	-0.03962	5.46E-05	-0.02209	-0.01562	-0.07093
0.011766	-0.02012	-0.0551	2.59E-04	-0.01948	0.01118	0.026246	-0.03139	-0.01343	-0.04463
-0.02467	0.010807	-0.04216	-0.0026	0.010216	0.026289	0.015939	-0.0416	-0.03074	-0.05301
-0.0484	0.025956	-0.02143	-0.00353	0.001068	-0.02259	-0.00393	-0.01928	0.01364	-0.03543
-0.02738	0.011241	-0.0187	0.009584	-0.03457	-0.05728	-0.01273	-0.00391	0.055071	-0.01818
0.009246	0.008739	-0.04012	-0.00292	-0.0447	-0.04841	-0.0272	-0.05339	-0.03646	-0.03885
0.024613	0.023524	-0.01959	-0.00261	-0.0193	-0.02577	0.007727	-0.03783	-0.05721	-0.01613

-0.01943	0.024631	0.008239	0.036134	0.024782	-0.00463	0.007858	-0.06008	-0.03443	-0.0015
-0.04558	0.013833	0.032984	0.033481	-0.02486	-0.01342	0.022226	-0.06328	-0.01867	5.67E-04
-0.03326	0.007316	-0.00474	0.034454	-0.06415	-0.06634	0.017742	-0.01619	0.032812	-0.01617
-0.01873	-0.00523	-0.08007	-0.00188	-0.00299	-0.02312	-0.00687	-0.02476	7.36E-04	-0.05428
-0.02454	-0.01285	-0.07606	-0.0071	0.003369	0.005005	-0.03998	-0.06536	-0.02382	-0.0525
-0.05766	-0.00356	-0.06204	-0.01495	0.001304	-0.01087	-0.03824	-0.07497	-0.00443	-0.00713
-0.0593	-0.05717	-0.05766	-0.00479	-0.0088	-0.00477	-0.00996	-0.03352	0.009271	-0.01889
-0.02792	-0.05096	-0.02175	-0.00643	-0.05236	-0.02065	0.004172	-0.01064	0.016964	-0.04245
5.46E-04	-0.0147	-0.05582	-0.05147	-0.06138	-0.00693	-0.03817	-0.04594	0.00315	-0.04995
-0.0201	-0.0076	-0.06465	-0.04227	-0.0324	4.98E-04	-0.05761	-0.09365	-0.01851	-0.06407
-0.00779	0.040017	0.017122	0.033053	0.006401	-0.01695	-0.00298	-0.06453	-0.0281	-0.05547
8.33E-04	0.07129	0.063219	0.069202	0.010142	-0.02484	0.027738	-0.0098	-0.00476	-0.03574
-0.00168	0.044087	-0.01758	0.009124	-0.02726	-0.04624	0.007971	-0.01985	0.016583	-0.0389
-0.03773	-0.01624	-0.06839	-0.03695	-0.01767	-0.04056	-0.02274	-0.03985	-0.00518	-0.05975
-0.03814	-0.01635	-0.04091	-0.01436	-0.00362	-0.04235	-0.05585	-0.08067	-0.02281	-0.06761
0.001338	-5.57E-04	-0.00904	0.008334	-0.0213	-0.03234	-0.01359	-0.04576	-0.00447	-0.10837
-0.00579	0.019333	-0.01343	0.013932	-0.0381	-0.00165	0.02427	-0.01102	0.018569	-0.06392
-0.00202	0.029384	-0.00869	0.01069	-0.04189	-0.00856	-0.01032	-0.04549	-0.00174	-0.01738
-0.02517	-0.00337	-0.04184	-0.01396	-0.06771	-0.01502	-0.01427	-0.06623	-0.02846	-0.01981
-0.0483	-0.0039	-0.05177	0.002336	-0.01599	0.019534	0.015097	-0.05111	-0.01279	-0.04554
-0.0394	0.010939	-0.01409	0.02491	-0.00809	-0.0169	0.019804	-0.04935	-0.00576	-0.0558
-0.02275	0.01776	-0.00608	0.002734	-0.04021	-0.04835	-0.00837	-0.05261	-0.02016	-0.08263
-0.02231	9.33E-04	-0.05277	-0.0031	-0.04392	-0.07695	-0.0305	-0.03529	-0.01903	-0.04717
-0.02908	0.00441	-0.06266	-0.02091	-0.02601	-0.05852	-0.05069	-0.05674	-0.00548	-0.01291
-0.04799	0.003575	-0.04416	-0.02103	-0.00442	-0.02656	-0.03922	-0.05704	0.002117	-0.0422
-0.09527	-0.01326	0.019134	0.02828	-0.02569	-0.03332	0.00707	0.008606	0.023149	-0.02067
-0.06612	-0.02789	-0.02131	-0.00387	-0.04344	-0.03635	-0.01207	0.015229	0.018627	-0.01194
-0.00211	-0.01115	-0.0461	-0.02959	-0.02849	-0.01241	-0.02306	-0.04667	-0.02999	-0.06434
-0.03339	-0.00243	0.013413	0.016954	-0.02856	-0.05871	-0.02955	-0.09586	-0.05872	-0.05443
-0.01981	0.022864	-0.01101	0.006082	-0.03502	-0.06149	-0.01878	-0.09773	-0.04921	-0.03316
-0.01825	0.035186	-0.02755	0.007069	-0.04126	-0.05122	-0.01379	-0.05957	-0.01002	-0.07462
-0.03774	0.00601	-0.03036	0.015814	-0.02335	-0.0763	-0.00153	-0.03312	-0.02072	-0.11176
-0.04828	-0.03458	-0.02141	-0.01591	-0.00587	-0.0469	-0.044	-0.06347	-0.02536	-0.06115
-0.06481	-0.02468	-0.02286	-0.019	0.009882	-0.0304	-0.01825	-0.06396	-0.02655	-0.02579
-0.06375	0.016326	-0.02705	-0.01024	-0.03135	-0.07629	-0.00146	-0.03289	-0.0139	0.001568
-0.05828	-0.0287	-0.07618	-0.03738	-0.06162	-0.07701	-0.04714	-0.06258	-0.01817	0.001345
-0.04897	-0.06383	-0.09523	-0.04311	-0.05839	-0.06947	-0.04038	-0.08271	-0.04034	-0.07769
-0.07851	-0.05117	-0.08805	-0.03817	-0.05929	-0.07719	-0.05858	-0.10619	-0.0748	-0.11467
-0.08769	-0.03172	-0.06244	-0.07119	-0.05494	-0.08369	-0.04398	-0.0942	-0.09158	-0.08629
-0.0841	-0.06152	-0.06637	-0.08221	-0.08875	-0.10689	-0.04709	-0.06924	-0.09186	-0.04599
-0.10008	-0.08697	-0.11453	-0.08556	-0.1004	-0.09848	-0.08843	-0.09547	-0.06844	-0.03937
-0.08929	-0.08056	-0.11711	-0.09504	-0.10175	-0.09631	-0.0931	-0.1106	-0.07391	-0.09617
-0.06278	-0.0679	-0.09325	-0.08503	-0.08678	-0.13989	-0.11418	-0.13586	-0.11603	-0.10676
-0.06749	-0.07306	-0.07095	-0.06565	-0.0567	-0.13688	-0.09986	-0.13746	-0.09848	-0.09874
-0.0771	-0.06546	-0.07329	-0.05139	-0.0698	-0.11629	-0.07778	-0.10445	-0.07077	-0.0954
-0.0655	-0.03068	-0.07789	-0.07087	-0.10316	-0.12576	-0.08556	-0.10793	-0.09792	-0.12325
-0.076	-0.04065	-0.07587	-0.07768	-0.06571	-0.12347	-0.08217	-0.12258	-0.13008	-0.12033

-0.05962	-0.01991	-0.02795	-0.05561	-0.0248	-0.08973	-0.09283	-0.13716	-0.12549	-0.09087
-0.01293	0.029483	0.016293	-0.00595	-0.03157	-0.0881	-0.05088	-0.10752	-0.12809	-0.08242
0.019812	0.02909	0.005562	0.011761	-0.02213	-0.05201	-0.01187	-0.06154	-0.10148	-0.09119
0.004592	0.002908	-0.04831	-0.01817	-0.01251	-0.02155	0.006807	-0.06531	-0.06659	-0.09443
-0.01253	0.014954	-0.06229	-0.03508	-0.01344	-0.03163	-0.01338	-0.0881	-0.06675	-0.06167
-0.00576	0.043497	-0.04118	-0.02344	-0.0228	-0.06336	-0.02515	-0.05533	-0.04041	-0.05402
0.018498	0.057014	-0.00318	0.036702	-0.01986	-0.02176	0.0138	-0.01897	-0.00745	-0.05671
0.004266	0.046126	0.005656	0.057452	0.018006	0.028013	0.041387	0.006284	-0.00585	-0.07072
0.0593	0.073222	0.00335	0.025349	0.030865	0.013465	-0.00707	-0.02878	-0.02429	-0.08515
0.038518	0.08106	0.060587	0.040797	0.035691	-0.00582	-0.01705	-0.06377	-0.01917	-0.02887
0.006302	0.061481	0.054739	0.053727	0.031822	-0.02319	0.015231	-0.0486	-0.01775	0.012283
0.012838	0.068892	-0.02874	0.023349	-0.00779	-0.00157	0.047809	-0.01114	-0.00185	-0.01444
0.029506	0.05436	-0.01906	0.01165	8.13E-04	0.012715	0.046226	-0.01756	0.001951	-0.04885
0.038008	0.062307	0.035614	0.010874	0.037688	0.038487	0.035519	-0.03412	-0.02533	-0.06534
0.02585	0.08742	0.06016	0.018756	0.048992	0.050445	0.037688	-0.03473	-0.01859	-0.02607
0.076583	0.097702	0.07523	0.047575	0.042731	-0.02898	-0.01148	-0.00573	0.005911	0.007871
0.106994	0.0963	0.028107	0.03249	0.034804	-0.02615	-0.00797	-0.02807	0.011789	-0.0022
0.08467	0.080993	0.040821	0.025482	0.043956	0.033838	0.063266	-0.05008	-0.01045	0.017394
0.027933	0.082191	0.096203	0.064874	0.086264	0.037395	0.062093	-0.01393	-0.00675	0.014056
0.009191	0.092599	0.133335	0.133967	0.114016	0.010695	0.037567	0.024168	-0.02098	0.016336
0.056611	0.129896	0.069967	0.09462	0.094904	0.027257	0.078032	0.063351	0.013602	0.04047
0.075235	0.127079	0.040332	0.043118	0.074091	0.044032	0.112258	0.035766	0.021219	0.045002
0.070541	0.084529	0.091986	0.081301	0.099976	0.032679	0.110493	0.043348	0.021508	0.015224
0.025031	0.080639	0.126007	0.164245	0.171636	0.109554	0.115569	0.062117	0.019163	0.038363
0.024537	0.099108	0.076401	0.098082	0.15235	0.072913	0.124646	0.128225	0.099376	0.090683
0.01044	0.079556	0.043663	0.001612	0.139259	0.076697	0.139377	0.129414	0.063396	0.083381
0.040327	0.050833	0.043356	-2.10E-04	0.129504	0.129986	0.087681	0.078347	0.029835	0.102843
0.00632	0.020854	0.090521	0.096302	0.150882	0.170033	0.120997	0.130283	0.08462	0.100225
-0.03101	0.06997	0.133789	0.135809	0.140538	0.108385	0.065835	0.128398	0.115871	0.118016
-0.03763	0.091758	0.09027	0.037958	0.110346	0.059306	0.082964	0.131178	0.173431	0.160954
-0.03919	0.051929	0.013107	0.005388	0.084782	0.080099	0.147958	0.121866	0.13364	0.163831
-0.03057	0.001873	0.022267	0.003151	0.039535	0.083682	0.137575	0.124678	0.12932	0.172111
-0.06541	-0.02781	0.049675	0.068042	0.044842	0.109437	0.120583	0.157881	0.136644	0.164614
-0.02384	-0.00266	0.042311	0.071404	0.078924	0.061377	0.050289	0.098752	0.094037	0.156501
-0.05793	0.001283	0.003856	-0.0165	0.07751	0.038587	0.079559	0.094017	0.07009	0.140358
-0.07121	-0.0378	-0.06508	-0.08442	0.022384	0.042082	0.077458	0.107317	0.060224	0.143487
-0.0662	-0.06185	-0.05524	-0.05045	0.014667	0.081348	0.085923	0.090715	0.040575	0.101228
-0.09373	-0.03518	-0.04421	-0.03299	-0.00967	0.074834	0.055039	0.074287	0.063099	0.092717
-0.11289	-0.05207	-0.01573	-0.01189	0.01431	0.012115	0.017204	0.073131	0.115033	0.149084
-0.09092	-0.0716	-0.07045	-0.03551	-0.04017	-0.03532	0.036904	0.050754	0.068219	0.134695
-0.09291	-0.0982	-0.09325	-0.08283	-0.05464	-0.02179	0.0356	0.064374	0.02606	0.083068
-0.09868	-0.10169	-0.07845	-0.10124	-0.04546	-0.03384	0.029908	0.048628	-7.12E-04	0.058401
-0.12696	-0.10784	-0.062	-0.0801	-0.03392	-0.03875	0.002442	0.025161	-0.01031	0.089977
-0.10789	-0.09107	-0.06963	-0.07434	-0.08453	-0.07225	-0.01339	0.038171	0.03404	0.073738
-0.08665	-0.08428	-0.11628	-0.10436	-0.12926	-0.09147	-0.03526	-0.01277	-0.02392	0.041364
-0.07917	-0.1081	-0.09374	-0.11159	-0.0849	-0.08657	-0.03836	-0.03898	-0.06717	0.003354
-0.07718	-0.12539	-0.08103	-0.14948	-0.08137	-0.07917	-0.06969	-0.03894	-0.05958	-0.03676

-0.10116	-0.12682	-0.11891	-0.15785	-0.08351	-0.09034	-0.09626	-0.06604	-0.07072	-0.03896
-0.11821	-0.11995	-0.11808	-0.11457	-0.06374	-0.07961	-0.09139	-0.08378	-0.07265	-0.01142
-0.1045	-0.11319	-0.09422	-0.11073	-0.08471	-0.10147	-0.08442	-0.09808	-0.08815	-0.0393
-0.06849	-0.10626	-0.08129	-0.12545	-0.08499	-0.09774	-0.09588	-0.08402	-0.0794	-0.04855
-0.10957	-0.131	-0.08171	-0.11226	-0.05991	-0.07338	-0.11671	-0.07802	-0.09801	-0.02532
-0.11897	-0.15626	-0.11053	-0.1255	-0.09383	-0.11713	-0.13054	-0.1151	-0.13158	-0.04634
-0.09637	-0.12302	-0.10212	-0.11873	-0.11991	-0.13606	-0.12144	-0.15359	-0.12437	-0.07067
-0.07653	-0.10499	-0.05573	-0.11421	-0.11516	-0.10159	-0.11982	-0.13605	-0.12425	-0.11339
-0.08574	-0.10686	-0.07434	-0.11809	-0.09812	-0.07533	-0.13381	-0.11862	-0.15078	-0.12391
-0.09547	-0.09378	-0.08336	-0.11927	-0.08599	-0.11329	-0.15353	-0.1298	-0.14916	-0.12198
-0.10882	-0.10128	-0.07679	-0.13005	-0.12101	-0.12368	-0.14752	-0.12154	-0.09925	-0.10244
-0.06758	-0.09539	-0.08641	-0.09944	-0.1023	-0.07339	-0.109	-0.08906	-0.10969	-0.10822
-0.09254	-0.07918	-0.05595	-0.09094	-0.09557	-0.06848	-0.10743	-0.11643	-0.12565	-0.13165
-0.12381	-0.06858	-0.04711	-0.08618	-0.08408	-0.08722	-0.11224	-0.11086	-0.12693	-0.13242
-0.06234	-0.05502	-0.06817	-0.09369	-0.07624	-0.09727	-0.11404	-0.08239	-0.08954	-0.11817
-0.0275	-0.09072	-0.08326	-0.11622	-0.08447	-0.0836	-0.13178	-0.08707	-0.11683	-0.11263
-0.07494	-0.08007	-0.05766	-0.12036	-0.0836	-0.03158	-0.10467	-0.10104	-0.12816	-0.13491
-0.08157	-0.0511	-0.04379	-0.0789	-0.06405	-0.05637	-0.11487	-0.08712	-0.07664	-0.10378
-0.04995	-0.02208	-0.05203	-0.0567	-0.04283	-0.07136	-0.08259	-0.0391	-0.04423	-0.0682
-0.04335	-0.02257	-0.04325	-0.06321	-0.05581	-0.04061	-0.07306	-0.04039	-0.11111	-0.1224
-0.01948	-0.0417	-0.01034	-0.05003	-0.04828	-0.02255	-0.09079	-0.07158	-0.11494	-0.14058
-0.02248	1.25E-05	0.030787	-0.01505	-0.01298	0.012246	-0.04845	-0.04448	-0.0734	-0.09839
-0.01174	0.009716	0.033545	-0.01051	-0.00478	-0.0224	-0.0374	-0.05843	-0.05614	-0.06344
0.014692	-0.00699	-0.04372	-0.09212	-0.03051	-0.04217	-0.02183	-0.04183	-0.07153	-0.06051
-0.03321	-0.06224	-0.05449	-0.06557	-0.01217	0.00874	-0.01719	-0.02914	-0.06738	-0.08902
-0.06287	-0.11181	-0.01467	-0.01677	0.003149	0.028441	-0.04047	-0.02272	-0.02527	-0.07673
-0.04772	-0.04292	-0.01186	-0.05453	-0.01735	-0.01672	-0.03235	-0.03022	-0.02729	-0.04601
-0.05268	0.004428	-0.03854	-0.08491	-0.04219	-0.06598	-0.07137	-0.06179	-0.03629	-0.03769
-0.03832	-0.019	-0.03207	-0.06242	-0.05667	-0.04574	-0.07519	-0.0332	-0.04513	-0.04369
-0.00123	-0.0353	-0.01347	-0.03208	-0.03454	-0.01597	-0.07984	-0.02204	-0.04407	-0.07168
-0.05169	-0.07388	-0.03956	-0.06647	-0.02287	-0.02635	-0.08668	-0.0418	-0.08033	-0.08515
-0.10693	-0.07003	-0.07084	-0.0863	-0.04786	-0.09016	-0.07959	-0.06729	-0.06357	-0.07676
-0.09729	-0.04465	-0.05916	-0.06556	-0.0657	-0.08089	-0.07139	-0.06426	-0.05722	-0.04248
-0.01092	-0.00944	0.00453	-0.02093	-0.01548	-0.00501	-0.05087	-0.05539	-0.07774	-0.04446
0.066189	0.060846	0.061976	0.05212	0.064205	0.058201	-0.02452	-0.0325	-0.02659	-0.04428
0.213772	0.190907	0.14699	0.097112	0.10439	0.052433	0.031234	0.028392	0.041785	0.002274
0.307415	0.215739	0.228897	0.183677	0.151783	0.092083	0.120924	0.089288	0.027484	-0.00126
0.29516	0.245526	0.31561	0.306098	0.237459	0.207144	0.16833	0.114543	0.073943	0.038464
0.328782	0.379624	0.368776	0.364139	0.346028	0.269753	0.12731	0.165386	0.17242	0.087254
0.447506	0.433946	0.358363	0.316759	0.356637	0.253593	0.174879	0.284871	0.258751	0.178176
0.442602	0.374021	0.386256	0.354705	0.338991	0.347041	0.372627	0.370383	0.268035	0.23341
0.380181	0.351479	0.410585	0.417235	0.375461	0.368615	0.389219	0.332357	0.252474	0.241465
0.406157	0.434346	0.409202	0.407554	0.402696	0.349069	0.293609	0.294049	0.354455	0.301793
0.454047	0.436399	0.393082	0.34635	0.411136	0.384072	0.322295	0.336333	0.376318	0.411336
0.424283	0.407507	0.404515	0.388332	0.395816	0.400603	0.419607	0.380301	0.359587	0.376737
0.301766	0.362646	0.435751	0.450073	0.408894	0.389706	0.398913	0.369261	0.379866	0.364275
0.352103	0.409863	0.43348	0.415403	0.401687	0.373534	0.336359	0.306248	0.387364	0.40391

0.404877	0.368103	0.370254	0.294272	0.299008	0.312734	0.298462	0.325253	0.355576	0.343874
0.323228	0.296006	0.316647	0.276554	0.268693	0.273768	0.310554	0.334341	0.272855	0.176534
0.260211	0.21589	0.226734	0.302831	0.292295	0.277787	0.28552	0.251952	0.192977	0.136262
0.227896	0.18109	0.227485	0.27	0.270044	0.265673	0.20547	0.123062	0.188198	0.152935
0.224029	0.231112	0.224115	0.213013	0.156343	0.213496	0.127978	0.152852	0.213894	0.22034
0.213009	0.204232	0.186016	0.168816	0.141368	0.177666	0.139199	0.105718	0.178574	0.151464
0.191383	0.174914	0.105802	0.145922	0.134354	0.170464	0.158623	0.076697	0.132096	0.035944
0.13762	0.090533	0.097408	0.137561	0.12345	0.152978	0.114967	0.079827	0.1025	-0.02101
0.084517	0.046372	0.058501	0.048622	-0.04789	0.039623	0.042607	-0.00911	0.039028	-0.00369
0.012339	0.009396	0.013988	0.02955	-0.06966	0.019192	-5.17E-04	-0.0184	0.014644	0.011465
0.047801	0.036384	0.020805	0.010653	-0.03648	-0.0131	-0.03222	-0.04034	-0.02129	-0.02901
0.04724	0.006644	-0.02074	-0.03204	-0.01365	-0.01616	-0.01388	-0.04153	-5.66E-04	-0.03293
-0.01137	-0.07091	-0.05748	-0.02009	0.007749	-0.01158	-0.00103	-0.05936	-0.02108	-0.07303
-0.02221	-0.07466	-0.08423	-0.04537	-0.04313	-0.04296	-0.06282	-0.07508	-0.01551	-0.08896
-0.10872	-0.08823	-0.09392	-0.06628	-0.10555	-0.06144	-0.10323	-0.05775	-0.01244	-0.05922
-0.12062	-0.07998	-0.09026	-0.0694	-0.13933	-0.11718	-0.09937	-0.05455	-0.02363	-0.04264
-0.10265	-0.12451	-0.14757	-0.0847	-0.1187	-0.07238	-0.13632	-0.08016	-0.06321	-0.07631
-0.10579	-0.13915	-0.12666	-0.09585	-0.10392	-0.05731	-0.10161	-0.11461	-0.10091	-0.1356
-0.14809	-0.15256	-0.10697	-0.13246	-0.16038	-0.09612	-0.10796	-0.11263	-0.09275	-0.11172
-0.13786	-0.17939	-0.14229	-0.14628	-0.14794	-0.13744	-0.14039	-0.09802	-0.09026	-0.11059
-0.18434	-0.18873	-0.17169	-0.17473	-0.17161	-0.16573	-0.13721	-0.1181	-0.13107	-0.15617
-0.23101	-0.18419	-0.18464	-0.16917	-0.18512	-0.14804	-0.17266	-0.18393	-0.17067	-0.16404
-0.19759	-0.17671	-0.20033	-0.19819	-0.22479	-0.16853	-0.19183	-0.21337	-0.19576	-0.18661
-0.16107	-0.19763	-0.20171	-0.19479	-0.23305	-0.19478	-0.18042	-0.15901	-0.17871	-0.1882
-0.15294	-0.30615	-0.18623	-0.15366	-0.19676	-0.17852	-0.19537	-0.2112	-0.16666	-0.17337
-0.18365	-0.32666	-0.21517	-0.12524	-0.14371	-0.14564	-0.18014	-0.20538	-0.17636	-0.21665
-0.17553	-0.21567	-0.19217	-0.12694	-0.13287	-0.11818	-0.1433	-0.166	-0.1703	-0.20885
-0.17478	-0.17006	-0.12569	-0.1492	-0.13239	-0.13328	-0.14481	-0.15857	-0.15365	-0.14345
-0.14253	-0.17399	-0.1415	-0.14635	-0.17702	-0.18335	-0.16088	-0.18802	-0.18458	-0.19831
-0.10056	-0.14242	-0.15917	-0.1505	-0.19931	-0.18363	-0.18506	-0.18221	-0.18763	-0.21713
0.002474	-0.0649	-0.13005	-0.12236	-0.15842	-0.15537	-0.1629	-0.17673	-0.17564	-0.17565
0.427684	0.206829	0.073293	0.061915	-0.01159	-0.08264	-0.10654	-0.13301	-0.17369	-0.16928
0.103415	1.1082	0.804429	0.702298	0.464429	0.187701	0.067579	-0.04461	-0.12245	-0.14657
0	0	0	0	0.093851	1.129667	0.617261	0.287539	0.129395	0.03326
0	0	0	0	0	0	0	0.064697	1.086291	0.699285
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Md Anwar Hossain Page 313 s3820066, RMIT University

-0.1377	-0.09549	-0.12049	-0.12034	-0.09104	-0.1167	-0.10876	-0.10804	-0.11603	-0.08816
-0.12438	-0.12015	-0.13369	-0.12108	-0.08047	-0.10113	-0.0981	-0.10488	-0.13631	-0.09953
-0.14415	-0.11079	-0.12882	-0.11442	-0.09319	-0.12414	-0.1181	-0.08915	-0.10018	-0.09309
-0.16242	-0.114	-0.15463	-0.10741	-0.11384	-0.1643	-0.1052	-0.09665	-0.10444	-0.09189
-0.14616	-0.11057	-0.14993	-0.11512	-0.11061	-0.1631	-0.09768	-0.14396	-0.10781	-0.07283
-0.14026	-0.1333	-0.15247	-0.10913	-0.08931	-0.12292	-0.09027	-0.12669	-0.11434	-0.09505
-0.12254	-0.11538	-0.15446	-0.1069	-0.09693	-0.14291	-0.09145	-0.10408	-0.11859	-0.08476
-0.1158	-0.10985	-0.14334	-0.12678	-0.13262	-0.13993	-0.07079	-0.06875	-0.07746	-0.0767
-0.13442	-0.15178	-0.1363	-0.15234	-0.15865	-0.13985	-0.09717	-0.13011	-0.08532	-0.09596
-0.14093	-0.14186	-0.16096	-0.1519	-0.14593	-0.10103	-0.09409	-0.1542	-0.12912	-0.13528
-0.14652	-0.14143	-0.16259	-0.1222	-0.12825	-0.118	-0.07464	-0.11529	-0.12141	-0.11725
-0.108	-0.11277	-0.16543	-0.13164	-0.15877	-0.14971	-0.07621	-0.10896	-0.1154	-0.13448
-0.10296	-0.13913	-0.14077	-0.14374	-0.18681	-0.16589	-0.11847	-0.12453	-0.14519	-0.15919
-0.11496	-0.17816	-0.16019	-0.16033	-0.15403	-0.12472	-0.14724	-0.13934	-0.14819	-0.18715
-0.134	-0.20604	-0.19704	-0.14937	-0.16522	-0.14717	-0.15129	-0.16975	-0.1542	-0.20453
-0.12529	-0.17527	-0.17629	-0.15445	-0.18744	-0.14128	-0.15195	-0.18011	-0.14539	-0.16724
-0.12165	-0.12185	-0.14056	-0.1977	-0.17453	-0.12714	-0.15997	-0.14955	-0.17064	-0.17192
-0.16872	-0.15916	-0.14906	-0.18903	-0.15419	-0.15905	-0.19141	-0.12369	-0.16096	-0.21029
-0.16298	-0.18957	-0.16285	-0.16558	-0.15269	-0.17043	-0.19106	-0.14161	-0.168	-0.19075
-0.15175	-0.16625	-0.12246	-0.13176	-0.14739	-0.15135	-0.14919	-0.13733	-0.14658	-0.18163
-0.11205	-0.12158	-0.10116	-0.12184	-0.12062	-0.11992	-0.13644	-0.11128	-0.1623	-0.16726
-0.09551	-0.101	-0.08209	-0.14617	-0.10415	-0.10684	-0.118	-0.10785	-0.1734	-0.1653
-0.14398	-0.15823	-0.09657	-0.13571	-0.10821	-0.13946	-0.13221	-0.11156	-0.16244	-0.12961
-0.12858	-0.15436	-0.10722	-0.14405	-0.11035	-0.12167	-0.13839	-0.0971	-0.10957	-0.08745
-0.13343	-0.16376	-0.1093	-0.13243	-0.11591	-0.10151	-0.10995	-0.09227	-0.11078	-0.11926
-0.11755	-0.12738	-0.12804	-0.14574	-0.1071	-0.11579	-0.13689	-0.12407	-0.13399	-0.12106
-0.12249	-0.08965	-0.13965	-0.16486	-0.1304	-0.11998	-0.11465	-0.13198	-0.12906	-0.09857
-0.12965	-0.12048	-0.12586	-0.13085	-0.12175	-0.12472	-0.10241	-0.10838	-0.12035	-0.08687
-0.1071	-0.13492	-0.1092	-0.11584	-0.09171	-0.0972	-0.11417	-0.0915	-0.10835	-0.08109
-0.07597	-0.07927	-0.1248	-0.12589	-0.06629	-0.09555	-0.10084	-0.08001	-0.118	-0.08925
-0.09	-0.03884	-0.12109	-0.12204	-0.06638	-0.10421	-0.06853	-0.08857	-0.10675	-0.0787
-0.12395	-0.06156	-0.10823	-0.09997	-0.08107	-0.12203	-0.06213	-0.10458	-0.09021	-0.07538
-0.07581	-0.0368	-0.03525	-0.05609	-0.06792	-0.11012	-0.06615	-0.06329	-0.09826	-0.10301
-0.06329	-0.04565	-0.04636	-0.06814	-0.05643	-0.09723	-0.04864	-0.05557	-0.07616	-0.06802
-0.08888	-0.05888	-0.09296	-0.09156	-0.03725	-0.09879	-0.0755	-0.09007	-0.08408	-0.03856
-0.09978	-0.06431	-0.0861	-0.07493	-0.05063	-0.10354	-0.07163	-0.07719	-0.07955	-0.04216
-0.12576	-0.08022	-0.08627	-0.07094	-0.05832	-0.11407	-0.04386	-0.03864	-0.04061	-0.03996
-0.11106	-0.07514	-0.102	-0.10837	-0.05548	-0.08393	-0.03288	-0.04003	-0.05491	-0.02625
-0.05547	-0.05136	-0.07813	-0.08109	-0.05492	-0.07988	-0.04074	-0.11683	-0.10116	-0.01999
-0.02131	-0.04	-0.04401	-0.04821	-0.0488	-0.06426	-0.05428	-0.13819	-0.11919	-0.07972
-0.07697	-0.03911	-0.06828	-0.05005	-0.08048	-0.10411	-0.07212	-0.12326	-0.11701	-0.09425
-0.10136	-0.05543	-0.09525	-0.06113	-0.07835	-0.1029	-0.05603	-0.09033	-0.08115	-0.09422
-0.09282	-0.06179	-0.06506	-0.04067	-0.01779	-0.02951	-0.0366	-0.05791	-0.07691	-0.07548
-0.05266	-0.05813	-0.06907	-0.04347	-0.02912	-0.04754	-0.05009	-0.06787	-0.05957	-0.0435
-0.04308	-0.05045	-0.05902	-0.06227	-0.09984	-0.08407	-0.07106	-0.09234	-0.05225	-0.0681
-0.07343	-0.04828	-0.10558	-0.09492	-0.12343	-0.11181	-0.06891	-0.09602	-0.04274	-0.08721
-0.06533	-0.04236	-0.12473	-0.07787	-0.07733	-0.10084	-0.06568	-0.0908	-0.057	-0.09261

-0.02717	-0.03704	-0.09722	-0.02527	-0.02691	-0.07862	-0.05676	-0.08241	-0.06588	-0.06804
-0.02118	-0.0572	-0.10932	-0.05558	-0.04878	-0.04622	-0.06701	-0.08843	-0.06491	-0.07427
-0.04066	-0.0668	-0.089	-0.0666	-0.08005	-0.05385	-0.07895	-0.07763	-0.06627	-0.10171
-0.04469	-0.0534	-0.06889	-0.07406	-0.07493	-0.05869	-0.04739	-0.0762	-0.07569	-0.11938
-0.03001	-0.04332	-0.07462	-0.04636	-0.0316	-0.0335	-0.01151	-0.08724	-0.09134	-0.13346
-0.0153	-0.06643	-0.06976	-0.04572	-0.0351	-0.0368	-0.04352	-0.04971	-0.03922	-0.08857
-0.06242	-0.08322	-0.0278	-0.05417	-0.06609	-0.01056	-0.04637	-0.03038	0.008223	-0.02235
-0.06581	-0.07037	-0.03176	-0.0654	-0.08372	0.003374	-0.0304	-0.02922	-0.00856	-0.03908
-0.02809	-0.05626	-0.03442	-0.03765	-0.06886	-0.0034	-0.02919	-0.01558	-0.03385	-0.1078
-0.03025	-0.06065	-0.05129	-0.00919	-0.02015	-0.03458	-0.07428	-0.05252	-0.03606	-0.10454
-0.03165	-0.07338	-0.07664	-0.02979	-0.03068	-0.06833	-0.11429	-0.07339	-0.05238	-0.07721
-0.05195	-0.0697	-0.05528	-0.0753	-0.06292	-0.0431	-0.07567	-0.04226	-0.08954	-0.09705
-0.02621	-0.05166	-0.03475	-0.05267	-0.03473	-0.02761	-0.04295	-0.02567	-0.09632	-0.10145
-0.00644	-0.04644	-0.02483	-0.01134	-0.01753	-0.01056	-0.04841	-0.0255	-0.06242	-0.05523
-0.00598	-0.06143	-0.00447	0.002139	-0.0269	-0.03349	-0.06709	-0.02368	-0.01626	-0.00345
-0.04793	-0.119	-0.03711	-0.01102	-0.00679	-0.05395	-0.0715	-0.01313	-0.00955	-0.00413
-0.07767	-0.10825	-0.04328	-0.04699	-0.00756	-0.04678	-0.06258	-0.01135	-0.06116	-0.03203
-0.03777	-0.05223	-0.08044	-0.10449	-0.04384	-0.02022	-0.03909	-0.03893	-0.077	-0.04931
-0.0303	-0.06921	-0.06384	-0.08235	-0.05558	-0.02424	-0.05785	-0.04099	-0.04171	0.004524
-0.06192	-0.08297	-0.02743	-0.02888	-0.01416	-0.04284	-0.09622	-0.0242	-0.03518	0.029408
-0.08945	-0.09013	-0.05813	-0.04593	0.005193	-0.05808	-0.06925	-0.04222	-0.06295	-0.02493
-0.06926	-0.08606	-0.07912	-0.06609	-0.01255	-0.06894	-0.02476	-0.03064	-0.04899	-0.04897
-0.04933	-0.07594	-0.0832	-0.08049	-0.05923	-0.08014	-0.02736	-0.01984	-0.07192	-0.03512
-0.08449	-0.04451	-0.04389	-0.07104	-0.05408	-0.05312	-0.04864	-0.04375	-0.09613	-0.02987
-0.13565	-0.04119	-0.02829	-0.05162	-0.02083	-0.03272	-0.06757	-0.03904	-0.06748	-0.01065
-0.12503	-0.02988	-0.03785	-0.03079	-0.02916	-0.04483	-0.04757	-0.02144	-0.01128	-4.18E-04
-0.06861	-0.03417	-0.07157	-0.07053	-0.03366	-0.02911	-0.02106	-0.05727	-0.04316	-0.02765
-0.0492	-0.02367	-0.07742	-0.08443	-0.01073	-0.0525	-0.05195	-0.07179	-0.06951	-0.02163
-0.04324	-0.02049	-0.0434	-0.05255	0.001481	-0.07032	-0.04433	-0.02042	-0.01213	9.26E-04
-0.03174	-0.00352	-0.01686	-0.01247	-0.01924	-0.06617	-0.03773	-0.01435	0.010727	-0.0045
-0.01836	-0.00354	-0.04862	-0.01644	-0.04615	-0.04883	-0.01933	-0.02507	0.008973	-0.02739
-0.05756	-0.05855	-0.10421	-0.05311	-0.05276	-0.00155	-0.00302	-0.06618	-0.00434	-0.04655
-0.07415	-0.0495	-0.09895	-0.04882	-0.04053	-0.03018	-0.02497	-0.10007	-0.01084	-0.03412
-0.03155	-0.02955	-0.06331	-0.04196	-0.05396	-0.03279	-0.03156	-0.07203	0.005677	-0.01279
-0.014	-0.02596	-0.03787	-0.02549	-0.05421	-0.03383	-0.02104	-0.04951	0.002255	-0.02172
-0.01689	-0.04017	-0.04793	-0.05282	-0.06574	-0.04168	-0.04882	-0.04577	-0.03254	-0.05525
-0.03202	-0.05168	-0.06378	-0.06425	-0.10055	-0.02701	-0.06792	-0.05547	-0.03672	-0.09036
-0.02136	0.00314	-0.0316	-0.01419	-0.07855	-0.03253	-0.05801	-0.05513	-0.02049	-0.08756
-0.01155	0.022233	-0.01434	-0.02154	-0.08983	-0.02144	-0.00457	-0.02696	-0.00264	-0.05271
-0.03049	-0.03797	-0.0158	-0.00872	-0.09531	-0.03844	0.011606	0.030681	0.005048	-0.0516
-0.02366	-0.06701	-0.03894	0.00337	-0.0495	-0.02237	-0.03336	0.025249	0.022412	-0.04384
-0.06223	-0.04693	-0.0434	-0.02669	-0.05271	-0.00149	-0.04251	-0.01853	0.016755	-0.02673
-0.0557	-0.0538	-0.04692	-0.04602	-0.07866	0.002465	-0.03071	-0.02569	-0.01128	-0.06073
-0.00949	-0.0535	-0.05005	-0.07634	-0.08223	0.00701	-4.90E-04	-0.00823	-0.04029	-0.06299
-0.00796	-0.06132	-0.02785	-0.06025	-0.05051	-0.01696	-0.00285	-0.01453	-0.08451	-0.04573
-0.01928	-0.07754	-0.04466	-0.04638	-0.04124	-0.02761	-0.05687	-0.03265	-0.05556	-0.00825
-0.02671	-0.09758	-0.04798	-0.02572	-0.02218	-0.01318	-0.09495	-0.03204	-0.03896	-0.00392

-0.03243	-0.08397	-0.01912	-9.97E-04	-0.02883	-0.00548	-0.06961	-0.02493	-0.06409	-0.03421
-0.0226	-0.04484	0.009195	0.00337	-0.0093	-0.0088	-0.04254	-0.00924	-0.0844	-0.03947
-0.04655	-0.05584	-0.01586	-0.03827	-0.00528	-0.01896	-0.01477	8.46E-04	-0.08539	-0.03375
-0.06799	-0.06738	-0.00697	-0.04836	-0.01599	-0.05155	-0.0434	-0.0019	-0.02092	-5.90E-05
-0.03342	-0.02113	0.006086	-0.0412	-0.00452	-0.02777	-0.04546	-0.00525	-0.01326	-0.00958
-0.0413	-0.03515	-0.00874	-0.06404	-0.02628	-0.01687	0.007808	0.017274	-0.06564	-0.0352
-0.05692	-0.0298	-0.0297	-0.05243	-0.02651	0.007469	0.028967	0.016492	-0.04269	-0.02482
-0.09653	-0.04575	-0.04478	-0.01495	-0.00452	-0.01347	0.020551	-0.01725	-0.00339	-0.00465
-0.07023	-0.05305	-0.05793	-0.02372	0.007546	-0.05779	0.002728	-0.01269	-0.01191	-4.18E-04
-0.05312	-0.04102	-0.03555	-0.0641	0.010658	-0.04369	-0.01011	-0.02342	-0.05449	-0.02138
-0.04402	-0.01091	-0.03856	-0.06915	0.00195	-0.01611	0.005705	-0.02689	-0.06026	-0.00488
-0.03264	-0.02672	-0.06859	-0.03928	-0.01573	-0.03557	0.013103	-0.02338	-0.03625	1.87E-04
-0.06024	-0.04676	-0.072	-0.03804	-0.01984	-0.07988	-0.02052	-0.04562	-0.02713	-0.00349
-0.06064	-0.00471	-0.03201	-0.00925	-0.01465	-0.08134	-0.00953	-0.03248	-0.02464	-0.03594
-0.0485	0.019392	-0.01063	-0.03681	-0.0042	-0.02212	0.025866	-0.02818	-0.00869	-0.0255
-0.02069	-0.00593	-0.05275	-0.04421	-0.0106	-0.01634	0.010859	-0.06378	-0.01163	0.012707
-0.00549	-0.02526	-0.06802	-0.02513	-0.02565	-0.0117	-0.00982	-0.06427	-0.01421	0.012863
-0.04561	-0.00377	-0.03464	-0.01319	-0.05393	-0.04117	-0.06232	-0.04775	0.005429	-0.01674
-0.0421	0.007792	-0.03284	-0.02225	-0.05241	-0.05483	-0.04695	-0.03103	0.012565	-0.0389
-0.00532	-0.00263	-0.07753	-0.01674	-0.01575	-0.02504	0.015436	-0.0301	0.00905	-0.01051
-0.00496	-0.02765	-0.07345	-0.01508	-0.00444	-0.00534	-0.0119	-0.04053	-0.0018	-0.02405
-0.03613	-0.04494	-0.03947	-0.03011	-0.0064	0.007814	-0.02961	-0.01961	-0.05595	-0.06357
-0.05517	-0.04054	-0.00825	-0.03336	-0.02588	-0.00202	-0.0056	-0.00644	-0.0826	-0.0968
-0.02168	-0.01729	-0.03518	-0.01879	-0.02168	0.008255	9.29E-04	-0.00521	-0.04813	-0.08092
0.010778	-0.04383	-0.05834	0.011747	-0.00563	-0.0036	-0.02781	-6.02E-04	0.001838	-0.03463
-0.04576	-0.08582	-0.02879	-5.78E-04	-0.03083	-0.02561	-0.05211	-0.00742	-0.01211	-0.02582
-0.07009	-0.07883	-0.01241	-0.04393	-0.04751	-0.03787	-0.04816	-0.01759	-0.0361	-0.01136
4.13E-04	-0.06579	-0.0114	-0.0346	-0.07359	-0.02439	-0.01233	-0.01865	-0.05107	-0.01307
0.028472	-0.0482	-0.01224	-0.02196	-0.06555	0.009618	-0.0106	-0.03382	-0.06253	-0.05728
-0.01573	-0.06031	-0.01825	-0.01061	-0.01467	0.008926	-0.05052	-0.02043	-0.00698	-0.03581
-0.00876	-0.0558	-0.01637	-0.0485	0.002026	0.028628	-0.02914	-0.00623	0.03536	0.019738
0.005207	-0.01247	-0.00151	-0.05835	-0.03344	-0.00586	-0.02035	0.012895	0.00326	0.019976
0.002691	9.71E-06	-0.01486	-0.06273	-0.0407	-0.01524	-0.02636	-0.01819	-0.07844	-0.04006
-0.01111	-0.03077	-0.02681	-0.07573	-0.00119	0.017479	-0.00507	-0.01417	-0.05313	-0.05363
-0.07135	-0.03981	0.014485	-0.0473	0.013581	-0.03609	-0.03374	-0.00946	-0.02736	-0.01812
-0.04933	-0.02557	0.015109	-0.02296	0.021426	-0.04485	-0.0422	-0.02601	-0.01672	0.015933
-0.00437	-0.01314	-0.01915	-0.07676	0.002044	-0.03429	4.24E-04	-0.01761	-0.03067	-0.00309
-0.01375	-0.04898	-0.02597	-0.08596	-0.02054	-0.06509	0.003573	-0.00493	-0.05696	-0.00238
-0.06761	-0.06672	-0.00174	-0.02103	0.007109	-0.04122	0.002465	-0.01192	-0.04006	0.031336
-0.07927	-0.0209	0.002089	0.021712	-8.02E-04	-0.04796	0.011414	0.004781	-0.02421	0.018157
-0.00886	0.0183	-0.03134	-0.01012	-0.01795	-0.04488	0.008207	0.01052	-0.00309	-0.02756
0.01832	7.76E-04	-0.04943	-0.04125	-0.01189	-0.04917	-0.02622	-0.07438	-0.05435	-0.04701
-0.03952	-0.00685	-0.01966	-0.01899	0.009414	-0.06481	-0.04917	-0.05698	-0.06417	-0.02244
-0.06029	-0.00228	0.001256	-0.00178	0.036293	-0.02779	-0.01881	-0.02892	-0.02287	-0.00531
-0.05746	-0.00467	-0.03809	-0.01081	-0.04428	-0.08191	-0.00583	-0.01196	-5.20E-04	-0.04579
-0.04948	-0.00628	-0.05707	-0.0485	-0.07377	-0.10936	-0.01856	-0.05446	-0.01617	-0.04967
-0.03845	-0.01815	-0.0555	-0.02718	-0.03428	-0.03274	-0.02753	-0.0949	-0.04175	-0.05483

-0.06095	0.002651	-0.05213	-0.01033	-0.00771	-0.03496	-0.02234	-0.04565	-0.00391	-0.02694
-0.0439	0.02539	-0.04865	-0.0099	-0.0358	-0.04566	0.01449	-0.00597	0.020452	-0.0238
-0.04787	-0.01972	-0.05613	-0.00491	-0.0583	-0.04396	-6.76E-04	-0.03592	-0.00427	-0.07862
-0.04708	-0.05996	-0.07887	-0.03148	-0.04652	-0.00819	-0.03543	-0.08833	-0.03786	-0.07841
-0.03649	-0.06375	-0.09174	-0.02908	-0.06688	-0.02278	-0.01231	-0.06018	-0.0075	0.00573
-0.01261	-0.02182	-0.08434	-0.02542	-0.04441	-0.04497	0.012123	-0.00701	0.050225	0.020035
-0.00466	0.006615	-0.05438	-0.01312	-0.03167	-0.02119	0.01268	-0.01404	0.042074	-0.0091
-0.00246	-0.03225	-0.06841	-0.02403	-0.03416	0.014084	0.001303	-0.02978	-0.00257	-0.03885
-0.01355	-0.07699	-0.08855	-0.01959	-0.01055	0.010119	-0.01474	-0.01469	1.20E-04	-0.04122
-0.02419	-0.0726	-0.06952	0.009984	-0.01253	-0.02339	-0.00971	-0.00875	0.021461	-0.01568
-0.00394	-0.02126	-0.03104	0.025828	-0.02544	0.011739	0.042294	0.022251	0.027641	-0.0144
0.009312	0.001938	-0.00878	-0.00153	-0.06601	0.004266	0.030165	0.032622	0.033402	-0.0387
0.008154	-0.03744	-0.04066	-0.02596	-0.06272	-0.01977	-0.04158	-0.02253	0.004324	-0.04587
0.001382	-0.06431	-0.08253	-0.04179	-0.05113	-0.01556	-0.04982	-0.03293	-0.0342	-0.0355
-0.0071	-0.0151	-0.02153	-0.01648	-0.05159	-0.02022	-0.03267	-0.04348	-0.04263	-0.04293
0.013725	0.017522	0.026462	-0.00506	-0.03501	0.008677	0.002315	-0.00847	-0.00268	-0.02561
-0.0013	0.005592	0.016028	-0.06379	-0.04039	0.023633	0.016385	0.020888	-0.05166	-0.04801
-0.0096	-0.01686	0.011086	-0.04576	-0.03089	0.012939	-0.01137	-0.01095	-0.08395	-0.06236
0.004529	-0.0407	-0.02199	0.020008	-0.01595	-0.01243	-0.0465	-0.02786	-0.03044	-0.01537
-0.00135	-0.03496	-0.04023	0.026416	-0.01816	-4.44E-05	-0.00643	0.015809	0.023505	0.009524
0.013649	0.00671	-0.01838	-0.02296	-0.06123	-0.01172	-0.00166	0.009616	-0.00427	-0.0301
0.022435	-0.03451	0.010816	-0.0307	-0.06019	-0.01327	-0.00248	0.003547	-0.05652	-0.02249
0.01594	-0.04251	0.012074	-0.0187	-0.0308	-0.00478	-0.02251	0.026945	-0.03322	-0.00843
-0.01884	-0.04182	-0.00292	-0.00138	-0.00175	-0.00426	-0.06156	0.021579	-0.01914	0.001059
-0.0053	-0.02716	1.98E-04	-0.00273	-0.02175	0.019638	-0.02067	0.012411	-0.0202	-0.01171
-0.0032	-0.02046	0.023268	-0.03746	-0.0254	0.052289	-0.01235	-0.02532	-0.01249	0.005002
0.002185	-0.01029	0.037606	-0.03387	-0.01109	0.016872	-0.02467	-0.02725	-0.06312	0.015345
-0.02912	-0.04082	0.005685	-0.03105	0.007489	-0.01887	-0.02718	-0.02386	-0.06268	-0.01038
-0.01859	-0.05264	-0.00315	-0.03384	-0.02551	-0.04081	-0.05405	0.003661	-1.06E-04	-0.00624
0.021495	-0.0347	-0.0044	-0.02884	-0.00719	-0.00848	-0.03728	0.038087	-0.00972	-0.00689
0.004849	-0.03961	-0.01903	-0.05875	0.008937	0.050299	0.020258	0.026885	-0.03931	-2.10E-04
-0.04698	-0.02503	-0.00895	-0.06706	-0.00941	0.018459	0.028648	0.020198	-0.04612	-0.00982
-0.06983	-0.05943	-0.01332	-0.0623	-0.03212	-0.0719	-0.03668	0.010771	-0.01735	-0.02769
-0.02343	-0.06715	0.007139	-0.0295	-0.01611	-0.06223	-0.03802	0.004952	-5.02E-04	-0.00229
0.009103	-0.04044	0.017812	-0.03038	0.009319	-0.02807	0.00179	0.009943	-0.02126	-0.00208
-0.02582	-0.01401	-0.01818	-0.0626	-0.00419	-0.04483	-0.00599	-0.03547	-0.05825	0.003665
-0.06937	-0.0165	-0.01924	-0.04244	0.007223	-0.03959	-0.00836	-0.04631	-0.07678	-0.03618
-0.0608	-0.02232	0.028209	-0.00551	0.011003	-0.0427	-0.02832	-0.07211	-0.02379	-0.04089
-0.0295	-0.02056	0.019406	-0.02723	0.002571	-0.04994	-0.00796	-0.0669	-0.02764	-0.04118
-0.00752	0.005252	-0.01213	-0.05986	-0.01581	-0.06327	0.02208	-0.00139	-0.0133	-0.03296
0.006111	0.014286	-0.02409	-0.05698	-0.01992	-0.03441	0.025925	0.025667	0.030724	0.017408
-0.05686	0.008344	-0.04781	-0.0237	-0.04722	-0.03661	-0.01465	-0.02295	0.001555	-0.01334
-0.05852	0.019705	-0.06523	-0.03315	-0.074	-0.07463	-0.01327	-0.03967	-0.03298	-0.09633
-0.044	0.020879	-0.04556	-0.02018	-0.04253	-0.04422	0.006462	-0.03864	-0.02209	-0.07599
-0.04793	-0.00841	-0.04486	0.015808	0.005913	-4.58E-04	0.024462	-0.0279	0.0018	-0.00439
-0.04933	-0.04703	-0.06479	0.020089	-0.00905	0.003222	-0.01636	-0.02964	-0.02114	-0.00682
-0.04174	-0.0031	-0.0423	-0.01916	-0.07443	-0.03169	-0.04426	-0.0351	-0.002	-0.02621

-0.02515	0.029308	-0.02704	-0.04591	-0.07864	-0.03706	0.007277	-0.01952	0.007475	-0.03527
-0.03601	-0.0038	-0.05203	-0.02027	-0.02559	-0.02344	0.012603	-0.05095	1.95E-04	-0.03073
-0.01768	-0.04708	-0.06376	0.012749	0.004966	0.021334	-0.03512	-0.07258	0.006537	-0.03244
-0.01542	-0.04322	-0.0209	0.00714	-0.05828	-0.00102	-0.05094	-0.06258	0.027521	-0.00144
-0.02563	-0.03136	-0.02131	-0.01888	-0.08621	-0.04878	-0.05454	-0.05686	-0.00266	-0.01404
0.003084	-0.00419	-0.03069	-0.02309	-0.06314	-0.01886	-0.02074	-0.0509	-0.05484	-0.08062
0.00421	-0.01871	-0.01933	-0.00296	-0.05383	-2.14E-04	-0.00922	-0.02739	-0.01645	-0.05105
-0.01619	-0.05252	-0.03678	0.012454	-0.0089	3.70E-04	-0.06536	-0.03823	-0.00332	-0.00174
-0.02276	-0.04721	-0.05624	-0.018	-0.04007	-0.03427	-0.05584	-0.04253	-0.02776	-0.02166
0.004774	-0.0497	-0.04608	-0.03377	-0.06566	-0.01839	-0.01242	-0.00875	-0.03118	-0.04415
0.01799	-0.03365	-0.04398	0.002543	-0.01018	0.020328	-0.01202	0.005904	-0.00963	-0.02475
0.015033	-0.02154	-0.02056	0.010297	0.02019	0.009291	-0.04064	-0.00636	0.009608	0.016817
0.015245	2.71E-04	0.015891	-0.00898	0.028456	-0.0156	-0.03949	0.005485	-0.03512	0.022977
0.017506	-0.03589	-0.00989	-0.02218	0.015301	0.012165	0.001771	0.027325	-0.04638	0.019659
-0.01189	-0.04636	-0.02636	-0.05007	0.009644	0.012648	-0.01093	-9.21E-04	-0.04639	0.01224
-0.03103	-0.04168	-0.00739	-0.09249	-0.01938	-0.01613	-0.03981	-0.01891	-0.06728	0.007498
-0.02315	-0.04012	0.022135	-0.02173	-0.0177	-0.03849	0.003442	0.0189	-0.03107	0.031478
-0.03647	-0.01036	0.018323	-0.02648	-0.00592	-0.06406	-0.0037	-0.00795	-0.0245	-0.00166
-0.00718	-0.01481	-0.02611	-0.08597	-0.01095	-0.03427	-0.02214	-0.05426	-0.06013	-0.0125
0.024182	-0.01983	-0.0305	-0.06662	0.003606	-0.02004	-0.00845	-0.03309	-0.05042	0.027247
0.01269	-0.03692	-0.02115	-0.03465	0.013909	-0.01547	0.002709	0.004287	-0.03079	0.004237
-0.00758	-0.02374	-0.00135	-0.00719	0.00525	-0.0382	0.008569	0.034775	0.004514	0.003436
-0.01028	0.023986	0.001218	-0.0585	-0.00841	-0.05756	-0.00241	0.019883	0.037203	0.005481
-0.01164	-0.02586	-0.01754	-0.05878	-0.00572	-0.0364	0.008093	-0.02825	0.015465	0.006402
-0.03013	-0.0632	-0.00255	-0.02597	-0.00985	0.00556	0.003103	-0.02532	-0.00785	0.027791
-0.04991	-0.06117	0.020452	0.019489	0.017788	0.001746	-0.00498	-1.70E-04	-0.01977	0.02059
-0.03391	-0.03836	-0.0032	0.007781	-0.00826	-0.01977	0.015784	0.004192	-0.01022	-0.01023
-0.0177	0.02446	0.00856	-0.01764	0.006767	0.016012	0.034265	0.017802	0.009223	-0.04122
-0.02317	0.034655	0.04936	0.002447	0.023849	0.002957	0.012911	-0.03441	0.00345	-0.00777
-0.0391	0.012861	0.064034	0.019469	0.026444	-0.01649	0.006537	-0.06488	0.005811	-0.00635
-0.05975	0.011919	0.021858	0.037331	0.00525	-0.00798	0.028747	-0.05479	0.013517	-0.03367
-0.04777	0.002801	-0.02764	0.012906	-0.03224	-0.00917	0.002052	-0.07775	0.011365	-0.00895
-0.0441	-0.03481	-0.03738	-0.01401	-0.03969	0.002692	-0.04984	-0.07841	-0.00966	-0.01409
-0.02766	-0.00189	-0.03706	-0.01135	-0.04576	-0.01828	-0.034	-0.02317	0.006996	-0.0222
-0.0082	0.020311	-0.03195	0.020089	-0.02919	-0.00524	0.016695	-0.00895	0.013594	-0.01729
-7.03E-04	0.043111	0.012559	0.036998	-0.00103	0.014376	0.032371	0.044432	0.009647	-0.04933
0.012364	-0.00341	-0.01664	0.01889	-0.00589	-0.01911	-0.02734	0.025428	-0.00429	-0.0543
0.006111	-0.01504	-0.03483	0.011139	-0.03783	-0.02196	-0.07511	-0.03041	0.001857	-0.02049
-0.01456	-0.01107	-0.03007	-0.00703	-0.07204	-0.01923	-0.05253	-0.0122	0.010399	-0.00847
-0.00462	-0.03986	-0.02373	0.009945	-0.01945	0.013366	0.041246	0.029473	-0.01119	-0.038
0.014417	-0.01639	0.008848	-0.00409	0.009797	0.022542	-0.00374	0.022409	-0.01694	-0.06404
0.00715	-0.04283	-9.51E-04	0.024775	0.034386	0.008562	-0.05891	-0.00705	-0.02516	-0.02946
-0.00763	-0.03069	-0.01638	-0.00362	-0.00697	-0.03195	-0.06133	0.001185	-0.01679	0.007748
0.008514	0.014924	0.039957	0.002216	-0.04189	-0.00362	-0.03904	0.005523	-0.00294	0.011248
0.005979	0.005422	0.042777	-0.01206	-0.02788	0.02169	-0.00183	0.016121	-0.03366	-0.0068
-0.04085	-0.04817	-0.0251	-0.07902	-0.05545	-0.01404	-0.02354	0.00724	-0.07409	-0.00257
-0.07223	-0.07655	-0.02011	-0.03804	-0.02436	-0.06488	-0.04012	-0.03157	-0.11401	-0.02577

-0.05062	-0.05716	0.016086	-0.01806	-0.00478	-0.0594	-0.03643	-0.01364	-0.06682	0.005309
0.019058	0.002013	0.035166	-0.05131	-0.00274	-0.01795	1.25E-04	0.030077	0.011113	0.054537
0.030822	0.021016	-0.01292	-0.04626	0.0015	-0.02531	-0.02116	0.024134	-0.00648	0.013604
-0.02489	-0.05751	-0.05832	-0.06878	-0.01169	-0.03827	-0.03464	-0.0227	-0.035	0.009833
-0.04695	-0.08033	-0.05556	-0.09883	-0.03742	-0.04974	-0.021	-0.05977	-0.03415	0.018137
-0.01524	-0.02903	-0.0276	-0.06182	-0.03021	-0.06152	-0.03792	-0.07385	-0.04867	-0.02644
-0.02191	-0.03367	-0.00206	-0.02949	-0.01271	-0.01141	-0.00832	-0.04055	-0.0667	-0.04001
-0.03167	-0.03002	-0.0316	-0.02089	0.018002	0.014648	0.021688	-0.02004	-0.02896	-0.02655
-0.04595	-0.05025	-0.07116	-0.02619	0.003079	-0.02262	-0.01592	-0.04443	-0.01974	-0.02224
-0.05229	-0.05075	-0.05146	-0.03175	-0.0338	-0.05232	-0.00949	-0.0388	-0.02773	-0.02555
-0.03103	-0.03463	-0.02682	-0.03185	-0.011	-0.03531	0.010629	-0.01828	-0.02268	-0.03393
-0.01115	0.009813	-0.01823	-0.04095	-0.02131	-0.04571	-0.00685	-0.01243	-0.01883	-0.02024
0.012326	0.04128	-0.01378	-1.77E-04	-0.01366	-0.04632	-0.0273	-0.04096	-0.00745	0.025478
-0.0499	0.002839	-0.02565	0.025686	-0.00568	-0.03892	-0.01636	-0.01203	0.028848	0.0261
-0.03618	-0.01663	-0.03577	0.002389	0.004531	-0.02907	0.013526	0.004477	0.043426	0.004104
-0.0088	-0.00901	-0.02767	-0.03045	0.022685	0.016637	0.028508	-0.01829	0.012023	-0.02866
-0.04117	-0.00583	-0.06288	-0.06842	-0.00701	0.029714	0.034083	-0.02115	-0.03415	-0.04896
-0.04144	0.001076	-0.06141	-0.09261	-0.01414	0.02905	-0.01119	-0.02486	-0.02849	-0.00564
-0.04323	0.011228	-0.0353	-0.05083	-0.03961	1.06E-04	-0.03656	-0.02823	0.009878	-0.01428
-0.00518	0.044144	-0.01059	-0.03161	-0.05196	-0.04823	-0.01531	-0.03326	-0.00546	-0.06363
-0.00734	0.053971	0.006411	0.010297	0.013909	-0.00784	0.027274	0.001336	0.041286	-0.0018
-0.02528	0.015465	0.002525	0.036043	0.039127	0.031329	0.025589	-0.02262	0.001007	0.009969
-0.03459	-0.00697	-0.01535	0.030823	-0.00572	0.032929	0.002746	-0.05005	-0.01759	0.016424
-0.07376	-0.02129	-0.0316	0.016542	-0.04921	-0.01607	0.004251	-0.00849	0.012371	0.0261
-0.01928	0.009144	-0.01666	0.017515	-0.05526	-0.00745	-0.00466	-0.0316	-0.04099	-0.03498
0.058299	0.030068	-0.02187	0.030311	0.022823	0.050595	-0.00181	-0.03854	-0.04301	-0.08176
0.01679	-0.03128	-0.06654	0.002082	-0.01144	0.021809	-0.02171	-0.03069	-0.02357	-0.04826
-0.03587	-0.05979	-0.05357	1.09E-04	-0.07245	-0.02616	-0.0677	-0.0276	-0.04327	8.31E-04
-0.02382	0.00175	-0.0212	0.019569	-0.0298	0.006609	-0.00435	0.006857	-0.06746	-0.03024
-0.0067	-0.00736	-0.02146	0.018172	-0.01309	0.040834	0.03229	0.017059	-0.03314	-0.02159
0.016229	-0.04629	-0.01374	0.016284	-0.00651	0.026843	-0.02019	-0.00755	-0.00754	0.017822
-0.00444	-0.02898	2.17E-04	0.021311	0.041034	-2.51E-04	-0.05868	-0.01189	0.001763	0.003036
-0.03195	-0.04627	0.00689	-0.03253	-0.00601	-0.05537	-0.10028	-0.03895	-0.04587	-0.02772
-0.06105	-0.06379	0.007465	-0.05657	-0.02867	-0.01831	-0.03436	-0.01371	-0.0535	-0.01345
-0.00938	-0.0451	0.0107	-0.05813	-0.01802	-0.0048	-0.01492	0.021065	-0.01733	0.041499
0.016693	-0.04285	-0.00954	-0.01111	0.022193	0.004076	-0.03194	0.031327	0.010978	0.055332
0.001475	-0.01147	0.010564	0.03781	0.011023	-0.04707	-0.0462	0.035366	0.040644	0.050608
0.012154	-0.0067	-4.24E-04	-0.0076	-0.01082	-0.03039	0.01268	0.022884	0.01212	0.017624
0.010435	-0.04305	-0.01758	-0.03595	0.018782	0.026943	0.020277	-0.00847	-0.02891	0.015345
-0.01602	-0.03869	0.03486	0.006868	0.018138	0.012377	0.00631	0.014078	-0.03413	0.036038
-0.02258	-0.03365	0.026743	0.022516	0.02174	-0.04226	-0.00781	0.023678	-0.01479	0.033762
3.57E-04	-0.0212	-0.00915	-4.35E-05	-0.00916	-0.08267	-0.03938	-0.01159	0.014918	0.010182
0.024123	0.005725	-0.02578	-0.06156	-0.02299	-0.07043	-0.02322	-0.02527	-0.02651	-0.01614
-0.01598	-0.01524	-0.0162	-0.08052	-0.01228	-0.02814	-0.01924	-0.05028	-0.0418	0.008249
-0.05442	-0.04641	-0.00691	-0.06507	-0.00121	-0.00521	0.01532	0.004306	0.013867	0.020531
-0.06264	-0.04823	-0.03115	-0.01241	0.014469	-0.04125	4.99E-04	0.011407	0.035094	0.023416
-0.02085	-0.01074	-0.05995	-0.02352	-0.01449	-0.05202	0.004327	-0.01478	0.017265	-0.02139

-0.05084	-0.03515	-0.05939	-0.04454	-0.00505	-0.03851	0.020493	-0.00882	0.019368	-0.02138
-0.05579	-0.00991	-0.00713	-0.03627	0.012771	-0.02205	-8.07E-04	-0.04604	0.009377	0.01613
-0.07354	0.004308	0.045763	0.011315	0.015824	-0.0293	-0.00947	-0.07215	-0.00533	-0.00104
-0.07069	0.001132	0.028028	0.01478	-0.01385	-0.04207	-0.01652	-0.04828	2.89E-04	-0.01303
-0.05806	-0.00301	-0.06818	-0.02592	-0.03653	-0.02687	-0.01392	-0.03671	-0.00526	-0.01343
-0.03944	-0.01231	-0.06469	-0.04198	-0.03085	-0.03916	-0.05045	-0.06997	-0.01425	-0.02559
-0.01107	0.027792	-0.04078	-0.03879	0.017262	-0.00381	-0.01792	-0.06753	0.004286	-0.03316
-0.03652	0.032456	-0.01812	0.00164	-0.02209	-0.00678	0.026758	-0.03547	0.031149	-0.02042
-0.0644	0.009545	0.006775	0.038791	-0.03116	-0.00498	0.039853	0.028348	0.059201	3.19E-04
-0.03782	-0.01282	-0.03846	-0.00252	-0.02036	0.009253	-0.01675	0.015556	-0.01001	-0.03131
-0.02774	-0.01772	-0.06445	-0.01937	-0.03394	5.20E-04	-0.04792	-0.04689	-0.02674	-0.03282
-0.00461	0.015949	-0.02882	0.015571	-0.01476	-0.0106	-0.00231	-0.04115	-0.01198	-0.04602
-0.02108	0.034797	0.015226	0.028859	-0.04407	-0.02033	0.037162	0.011503	0.02265	-0.02521
-0.06287	-0.01005	-0.02697	0.012808	-0.04203	-0.02296	0.01685	0.026785	-0.00232	-0.02882
-0.06131	-0.04402	-0.08772	-0.00409	0.009835	-9.09E-04	-0.00863	0.014564	-0.01972	-0.03217
-0.03753	-0.0095	-0.08652	-0.00559	0.017768	0.004703	0.001509	0.001147	0.026538	-0.0138
-0.04973	0.006066	-0.08402	-0.00884	-0.02282	-0.04148	-0.03403	-0.02749	0.026638	-0.02219
-0.06982	0.001731	-0.04002	-0.00656	-0.05482	-0.03602	-0.01895	-0.05486	-0.00112	-0.03574
-0.02017	-0.0193	-0.04757	-0.01227	-0.05219	0.022244	0.002953	-0.03104	0.002444	-0.03126
-0.03575	-0.03463	-0.06285	-0.01106	-0.02945	0.019304	-0.02045	-0.0341	0.01486	-0.00131
-0.04541	-0.01655	-0.08111	-0.01253	-0.0022	0.010061	-0.03448	-0.05199	0.020137	0.022439
-0.04142	-0.00284	-0.0612	-0.04553	-0.0368	0.007278	-0.02723	-0.02829	0.035053	-0.00587
-0.00856	-0.05493	-0.02792	-0.03262	-0.05853	-0.01016	-0.01064	-0.02603	-0.0054	-0.02653
-0.01474	-0.09894	-0.07279	-0.01456	-0.04494	0.001633	-0.06282	0.001826	-0.02907	-0.02637
-0.03743	-0.09786	-0.0827	-0.01353	-0.02952	-0.00885	-0.09581	-0.04302	-0.0167	-0.01572
-0.03216	-0.0507	-0.04083	1.09E-04	-0.01591	0.00495	-0.05526	-0.05294	-0.02125	-0.0402
-0.01548	-0.01472	0.018618	-0.0156	-0.05274	0.002068	-0.00536	-0.01329	-0.02787	-0.03814
-0.02839	-0.06924	0.007235	-0.03426	-0.06779	-0.02098	-0.04531	-1.89E-04	-0.00961	-0.00736
-0.05289	-0.07043	-0.01288	-0.00223	-0.01033	-0.0106	-0.08567	-0.00538	-0.01062	0.013506
-0.02863	-0.04716	-0.02312	0.030495	0.007166	-0.005	-0.09162	-0.02097	-0.04698	-0.02152
0.021828	-0.00299	0.014972	0.020169	-0.02423	0.023613	-0.01582	-0.00607	-0.01759	-0.06183
0.018165	0.005252	0.037236	0.001545	-0.02065	0.028808	5.18E-04	0.013573	-0.03005	-0.04747
-0.00492	-0.04605	-0.0131	-0.0218	-0.00751	-0.00736	-0.06042	0.00279	-0.02702	-0.00754
-0.01914	-0.06371	-0.02711	-0.0082	0.002721	-0.01274	-0.09394	-0.0166	-0.02135	0.016739
0.015187	-0.03028	-0.03072	-0.0033	-0.02739	-0.00381	-0.07959	-0.02068	-1.06E-04	0.037315
0.009312	0.013361	-0.01569	-0.02151	-0.02727	0.014765	-0.02942	0.021204	-0.01534	-0.0201
0.018107	0.023355	0.003493	-0.01989	-0.02399	0.041165	0.018872	0.033494	-0.0625	-0.04933
0.016925	-0.02819	-0.01046	-0.01156	-0.01431	0.028226	-0.02966	-0.04043	-0.06963	-0.02287
-0.03479	-0.0616	-0.03721	0.004681	-0.02994	-0.02305	-0.05317	-0.03276	-0.01483	-0.0042
-0.03746	-0.01544	-0.02581	0.01397	-0.03015	0.012397	-0.01738	0.045516	0.010379	-0.01894
0.021261	0.022784	-0.02226	0.018073	-0.0334	0.041455	0.020082	0.038497	-0.00617	-0.04798
0.016732	0.01029	-0.01083	-0.0091	-0.06232	-0.00256	5.36E-04	0.013535	-0.06171	-0.04132
-0.01223	-0.04324	-0.00537	-0.01989	-0.0675	-7.02E-04	-0.01947	0.001977	-0.05647	-0.04029
-0.00816	-0.01686	-0.04176	0.001756	-0.00235	0.028045	-0.03822	-0.00714	-8.03E-04	0.014249
0.018437	-6.62E-04	-0.03122	0.009808	-0.02545	0.013968	-0.0361	0.004249	0.042448	0.02868
-0.00324	-0.03752	-0.04033	-0.0171	-0.09551	-0.0246	-0.00546	-0.01051	-0.00178	-0.03567
-0.00648	-0.05343	-0.0416	-0.02314	-0.04819	-0.00175	0.014104	0.014816	-0.00378	-0.03757

0.009711	-0.01684	-0.02369	0.00528	-0.0189	0.003165	-0.0212	0.005485	0.005315	0.020332
0.01269	-0.02617	-0.06319	-0.02189	-0.07476	-0.0439	-0.05352	-0.0171	0.007456	0.035648
-0.01764	-0.01448	-0.04561	-0.04773	-0.12066	-0.04463	-0.03412	-0.0168	-4.45E-04	0.001191
-0.03188	-0.013	0.001464	-0.0043	-0.08902	-0.03039	-0.00708	-0.00592	0.012468	-0.0179
-0.01232	-0.03422	-0.0049	-0.009	-0.01324	0.01654	0.00316	-0.00247	-0.05183	-0.02332
0.010588	-0.03713	-0.00963	0.004681	0.011983	-0.00665	-0.04237	-0.01522	-0.05446	-0.0375
-0.0013	-0.03365	-0.00513	0.045781	0.028177	0.016266	-0.02632	0.001392	-0.00913	-0.0166
-0.01236	-0.00709	-0.03445	0.025038	0.013484	0.046974	8.73E-04	0.020553	0.015152	-0.03047
-0.00953	-0.03346	-0.05475	-0.06799	-0.05487	-0.00426	-0.01679	0.018194	-0.01346	-0.0341
-0.00481	-0.04265	-0.07949	-0.0874	-0.08472	-0.02648	-0.03887	-0.00406	-0.05986	-0.02251
-0.01541	-0.0417	-0.05776	-0.0346	-0.05183	-0.00413	-0.04332	-0.01471	-0.02806	-0.00377
-0.01361	-0.01448	-0.0164	0.016661	-0.0226	-0.01678	-0.04029	-0.00792	-0.00294	-0.00931
-0.00652	0.001769	-0.00529	0.030331	-0.03635	-0.016	-0.00476	0.025667	0.016188	-0.03224
-0.03046	-0.03531	-0.03115	-0.00715	-0.0549	-0.00676	-0.00398	-0.00346	-0.01677	-0.07473
-0.03802	-0.04146	-0.04153	-0.02419	-0.05802	-0.01819	-0.04543	-0.03059	-0.03244	-0.05749
-0.05524	-0.0188	-0.06432	-0.0165	-0.04402	0.017205	-0.01468	-0.02422	-0.01176	-0.02937
-0.04823	-0.00576	-0.055	0.008248	-0.01726	-6.83E-04	-0.02232	-0.03174	-0.00782	-0.06517
-0.01359	-8.49E-04	-0.01068	-0.00123	-0.04209	-0.04084	-0.0372	-0.03477	-0.02478	-0.05492
0.001177	-0.03944	-0.01989	-0.03541	-0.0461	-0.02867	-0.04727	-0.0108	-0.02981	-0.02242
-6.29E-04	-0.06662	-0.04483	-0.00309	-0.02711	0.001973	-0.05845	-0.04651	-0.05779	-0.05715
-0.03748	-0.05739	-0.05761	-0.00277	-0.02649	0.015876	-0.04303	-0.05355	-0.05474	-0.04946
-0.04397	-0.03792	-0.06497	-0.01703	-0.05214	-0.00444	0.006178	-0.01867	-0.003	-0.07076
0.002372	0.009564	-0.05101	-0.02433	-0.066	-0.04189	0.002577	-0.00165	-0.013	-0.06326
0.002634	-0.02122	-0.02341	-0.04364	-0.06921	-0.03087	-0.01287	0.022389	-0.02797	-0.03913
-0.0254	-0.06569	-0.07068	-0.0683	-0.10493	-0.04553	-0.06157	-0.02388	-0.02425	-0.02555
-0.04484	-0.07018	-0.09263	-0.03832	-0.07592	-0.05328	-0.07981	-0.06711	-0.02895	-0.07819
-0.04712	-0.04054	-0.04006	0.006054	-0.00211	0.009484	-0.03374	-0.05411	-0.03177	-0.08319
-0.0422	-0.01697	-0.00839	0.01676	-0.01573	0.009772	-0.02184	-0.03291	-0.04505	-0.07242
-0.03498	-0.03004	-0.03141	-0.03933	-0.06355	-0.00185	-0.02841	-0.0111	-0.0579	-0.07569
-0.01873	-0.03838	-0.07228	-0.02746	-0.0289	0.003943	-0.03978	-0.01429	-0.04541	-0.03025
-0.04373	-0.0043	-0.0667	-0.02933	-0.03641	-0.00334	-0.02801	-0.00897	-0.01136	-0.04742
-0.10246	0.016512	-0.00309	-0.01384	-0.05381	0.006303	-0.07068	-0.0309	0.013731	-0.07602
-0.06531	0.002839	-0.01515	-0.02301	-0.07581	-0.00728	-0.05823	-0.04993	0.011965	-0.07047
-0.01611	-0.04659	-0.04377	-0.03118	-0.07135	-0.00306	-0.03022	-0.03008	-0.032	-0.02246
-0.00998	-0.03824	-0.08359	-0.00409	-0.01992	-0.00795	-0.04689	-0.04185	-0.02211	0.008153
-0.02701	-0.00835	-0.11034	-0.02558	-0.03484	-0.04083	-0.05544	-0.06648	-0.00691	-0.01353
-0.05656	-0.02172	-0.0421	-0.00977	-0.02784	-0.03619	-0.0336	-0.0395	0.007207	-0.04374
-0.06297	-0.04599	-0.06094	-0.02098	-0.05696	-0.02934	0.002577	-0.02922	-0.00622	-0.0552
-0.06404	-0.05746	-0.11164	-0.03949	-0.06534	-0.03758	-0.04574	-0.06375	-0.05161	-0.06162
-0.08464	-0.05754	-0.09797	-0.02682	-0.03506	-0.04379	-0.07483	-0.09318	-0.03729	-0.04247
-0.08322	-0.01594	-0.07024	-0.05217	-0.02982	-0.04183	-0.02771	-0.06809	-0.006	-1.54E-04
-0.0951	-0.01901	-0.06428	-0.04341	-0.08099	-0.04944	7.98E-04	-0.0369	-8.59E-04	-0.02022
-0.07889	-0.05886	-0.07458	-0.04552	-0.10125	-0.05093	-0.03398	-0.04212	-0.02799	-0.06466
-0.1066	-0.09371	-0.09995	-0.0483	-0.08006	-0.03901	-0.10001	-0.08937	-0.05802	-0.10424
-0.14791	-0.10724	-0.12719	-0.04476	-0.06489	-0.0593	-0.08187	-0.07791	-0.0228	-0.10654
-0.14557	-0.13285	-0.14655	-0.08683	-0.07539	-0.08487	-0.04435	-0.09365	0.004115	-0.03851
-0.10747	-0.08887	-0.10515	-0.07494	-0.09558	-0.10428	-0.0387	-0.09424	-0.02248	-0.04589

-0.09426	-0.10641	-0.09973	-0.06866	-0.07986	-0.11842	-0.09079	-0.07624	-0.03694	-0.06388
-0.09541	-0.09528	-0.12037	-0.10675	-0.07252	-0.07615	-0.12248	-0.10506	-0.06622	-0.06099
-0.09411	-0.0833	-0.12327	-0.1086	-0.08621	-0.08949	-0.10529	-0.10244	-0.05008	-0.07681
-0.09901	-0.08686	-0.08368	-0.06391	-0.09335	-0.08751	-0.09314	-0.11897	-0.05541	-0.0767
-0.07605	-0.04649	-0.05911	-0.05168	-0.08768	-0.05425	-0.05872	-0.12142	-0.05163	-0.07661
-0.07414	-0.06124	-0.09133	-0.06719	-0.05887	-0.04698	-0.06432	-0.06593	-0.02636	-0.05633
-0.10031	-0.07204	-0.12209	-0.07448	-0.08031	-0.05787	-0.06109	-0.08486	-0.03734	-0.06422
-0.08138	-0.05506	-0.1213	-0.08599	-0.10116	-0.0672	-0.07061	-0.145	-0.0426	-0.08945
-0.03864	-0.02206	-0.07077	-0.06463	-0.09652	-0.05737	-0.04739	-0.14196	-0.05401	-0.11375
-0.02712	-0.0351	-0.06806	-0.08757	-0.10902	-0.04708	-0.04769	-0.07887	-0.07312	-0.11516
-0.03775	-0.05582	-0.07183	-0.07346	-0.10199	-0.05372	-0.0965	-0.0743	-0.07164	-0.10879
-0.0478	-0.02575	-0.05667	-0.02791	-0.04116	-0.05597	-0.07418	-0.09508	-0.07598	-0.13821
-0.02916	0.004629	-0.06453	-0.02305	-0.05419	-0.07147	-0.05019	-0.08645	-0.05715	-0.11706
-0.0377	-0.01888	-0.09133	-0.05273	-0.08876	-0.09284	-0.03826	-0.09412	-0.06186	-0.11824
-0.02189	-0.02499	-0.09153	-0.06933	-0.08964	-0.06961	-0.03319	-0.09919	-0.07814	-0.1131
-0.02083	-0.00308	-0.06138	-0.09003	-0.06133	-0.06389	-0.06295	-0.10322	-0.06638	-0.09039
-0.0562	-0.00443	0.004807	-0.02509	-0.02742	-0.04349	-0.02274	-0.05643	-0.03132	-0.06383
-0.00554	0.003196	-4.24E-04	0.010277	-0.04539	-0.03162	0.011222	-0.00911	-0.00719	-0.05019
-0.00962	-0.00819	-0.06579	-0.0208	-0.05418	-0.00192	-0.00346	-0.0308	-0.01617	-0.07123
-0.01279	-0.00677	-0.0837	-0.03375	-0.03169	0.021789	-0.01474	-0.04092	-0.04248	-0.08005
-0.01227	0.009297	-0.02405	-0.02963	-0.01638	0.001671	-0.0116	-0.03749	1.76E-04	-0.01428
-0.04118	-0.00769	0.0132	-0.00722	-0.01376	-0.06804	-0.0344	-0.06136	-2.57E-04	-0.01393
-0.0344	-0.00163	-0.02903	-0.01859	-0.03959	-0.09451	-0.068	-0.08452	-0.02542	-0.04348
-0.00278	0.027374	-0.03992	-0.04785	-0.09856	-0.0928	-0.07033	-0.08546	-0.02436	-0.07097
0.044271	0.044371	-0.01288	-0.05699	-0.07203	-0.06118	-0.02318	-0.0668	-0.04246	-0.05912
0.023788	0.041362	0.002791	-0.00696	0.014701	-0.01446	-0.00663	-0.04531	-0.03377	-0.05831
0.038459	0.061867	0.064428	0.064806	0.041816	-0.03115	0.020102	-0.01795	-0.00481	-0.01948
0.045985	0.07585	0.037257	0.0552	0.037799	-0.02818	0.007296	-0.0354	-0.00212	0.003398
0.060839	0.083841	-0.00337	-0.00572	0.050172	0.005998	-0.01519	-0.06509	-0.02252	-0.04022
0.081843	0.072881	0.011048	-0.00938	0.048476	-0.00806	-0.01555	-0.04275	-0.03845	-0.07618
0.067025	0.088601	0.08985	0.064363	0.056046	-0.03851	-0.01376	-0.01112	-0.02212	-0.04092
0.097138	0.139317	0.053713	0.076151	0.049187	-0.04502	-0.03972	-0.0069	-0.01802	0.002502
0.138232	0.135524	0.02837	0.053901	0.029155	0.002446	0.002146	-0.01498	-0.0288	-0.03181
0.133804	0.093484	0.067831	0.039021	0.055685	0.06912	0.076005	-0.00832	-0.07913	-0.06682
0.118627	0.097299	0.117347	0.084076	0.067864	0.060601	0.064295	-0.00836	-0.05124	-0.01838
0.127894	0.165112	0.144068	0.108096	0.072037	-0.00202	0.033901	0.012489	-0.02175	0.0316
0.106595	0.16865	0.139105	0.097686	0.122687	0.053415	0.06836	0.04654	-0.02116	0.028963
0.127519	0.163368	0.162147	0.129153	0.134707	0.117364	0.097279	0.024492	-0.03198	-0.00752
0.153539	0.117702	0.151755	0.081027	0.170265	0.14329	0.100748	0.009847	-0.02882	-0.02058
0.069988	0.084068	0.178047	0.125058	0.174241	0.119836	0.110577	0.035366	0.012682	0.013058
0.058789	0.119199	0.1968	0.171304	0.189706	0.099424	0.095672	0.093655	0.090511	0.080344
0.098397	0.104913	0.151541	0.110922	0.188261	0.145309	0.141138	0.132847	0.122977	0.083612
0.117675	0.135116	0.139442	0.091724	0.129637	0.20192	0.193031	0.134023	0.086721	0.051353
0.075023	0.07614	0.122841	0.121531	0.136854	0.19754	0.19898	0.152104	0.097576	0.078731
0.029904	0.033847	0.106225	0.145451	0.150467	0.143473	0.136642	0.18355	0.201908	0.163876
0.043612	0.029948	0.114908	0.084703	0.139759	0.110079	0.121744	0.183464	0.178696	0.181186
0.038378	0.037619	0.110678	0.085632	0.124078	0.124998	0.159414	0.169801	0.073401	0.141976

0.029705	0.005309	0.087445	0.110158	0.114724	0.176616	0.181458	0.200275	0.118573	0.11794
-0.02094	-0.00402	0.044403	0.102618	0.147489	0.145967	0.121497	0.161898	0.202388	0.146433
-0.04523	-0.02508	0.022215	0.029084	0.121275	0.085231	0.012757	0.127596	0.222577	0.228367
-0.07233	-0.06731	0.04124	0.004217	0.074805	0.078079	0.109111	0.173065	0.164432	0.204575
-0.06059	-0.04349	0.018264	0.018132	0.08265	0.124371	0.162197	0.201977	0.135742	0.182422
-0.04398	-0.0407	0.023885	0.001276	0.090639	0.140213	0.073943	0.157878	0.185689	0.200743
-0.10223	-0.08652	0.032252	0.010297	0.077322	0.118005	0.050139	0.124405	0.218196	0.241463
-0.11962	-0.09731	-0.01237	-0.05975	0.023612	0.020407	0.069015	0.165625	0.176144	0.238897
-0.10389	-0.09028	-0.03763	-0.09626	-0.0445	-0.00713	0.074098	0.155371	0.097435	0.173473
-0.10067	-0.12893	-0.05902	-0.1101	-0.05518	0.024169	0.033216	0.12318	0.108274	0.096674
-0.10513	-0.10629	-0.05447	-0.10881	-0.07302	0.031369	-0.01831	0.079703	0.12428	0.067139
-0.09605	-0.08608	-0.05272	-0.08202	-0.0485	-0.03356	-0.0423	0.029855	0.117732	0.112832
-0.09501	-0.11048	-0.07449	-0.07861	-0.01945	-0.01475	-0.01759	0.015634	0.026658	0.110971
-0.08088	-0.11502	-0.07677	-0.10055	-0.05856	-0.01212	0.010514	0.033636	-0.03326	0.033394
-0.10568	-0.10572	-0.08519	-0.13101	-0.09031	-0.04415	-0.07188	-0.01826	-0.04685	-0.03921
-0.11181	-0.10392	-0.09079	-0.11119	-0.08581	-0.07137	-0.09048	-0.01022	-0.05532	-0.02448
-0.07018	-0.10225	-0.08851	-0.12787	-0.12197	-0.09808	-0.07782	-0.01642	-0.02015	0.013097
-0.05415	-0.10685	-0.09428	-0.12488	-0.1219	-0.08898	-0.08415	-0.04496	-0.06474	0.013858
-0.0488	-0.1277	-0.11576	-0.12813	-0.1145	-0.07477	-0.07231	-0.05098	-0.08051	-0.03773
-0.093	-0.11728	-0.12317	-0.10443	-0.10233	-0.06228	-0.1041	-0.03923	-0.06804	-0.0543
-0.08855	-0.09009	-0.08687	-0.12449	-0.12116	-0.13392	-0.15955	-0.0811	-0.0586	-0.04504
-0.04392	-0.08983	-0.08206	-0.11793	-0.12751	-0.13508	-0.13448	-0.09686	-0.09723	-0.04677
-0.00156	-0.09231	-0.08134	-0.08362	-0.11618	-0.09483	-0.0974	-0.0951	-0.11055	-0.0893
-0.05024	-0.13158	-0.0992	-0.06313	-0.10948	-0.11539	-0.10384	-0.11159	-0.09879	-0.1313
-0.08565	-0.12124	-0.10361	-0.07526	-0.09597	-0.13027	-0.13781	-0.12042	-0.09626	-0.13413
-0.03647	-0.06344	-0.08381	-0.11767	-0.11282	-0.11933	-0.13794	-0.12438	-0.0799	-0.10865
0.022728	-0.0254	-0.07069	-0.06379	-0.0549	-0.05782	-0.09463	-0.10077	-0.1169	-0.12297
0.01677	-0.04397	-0.04764	1.28E-04	-0.03932	-0.04067	-0.05049	-0.09085	-0.09076	-0.12965
-0.03826	-0.06948	-0.02419	0.004545	-0.06656	-0.04835	-0.07134	-0.10285	-0.06712	-0.10304
-0.01688	-0.04479	0.00101	-0.02913	-0.04413	-0.0426	-0.0741	-0.09422	-0.08512	-0.10396
-0.00191	-0.05922	-0.03314	-0.0429	-0.05807	-0.04216	-0.02182	-0.05373	-0.07016	-0.10439
-0.01657	-0.06325	-0.02824	0.017575	-0.05809	-0.04149	0.007998	-0.04687	-0.06981	-0.08686
-0.02131	-0.08972	-0.03286	0.038937	-0.03872	-0.02692	-0.00878	-0.07401	-0.03807	-0.05912
-0.04183	-0.1199	-0.05906	-0.0171	-0.03723	0.014279	-0.05493	-0.04832	0.009493	-0.02226
-0.02449	-0.07295	-0.06521	-0.07682	-0.0878	-0.02994	-0.05138	-0.07401	-0.01849	-0.05137
0.034977	0.002707	-0.04751	-0.05489	-0.11192	-0.0926	-0.0921	-0.1042	-0.08174	-0.10561
0.042955	0.002839	-0.02237	-0.01477	-0.0765	-0.08287	-0.06834	-0.07014	-0.0856	-0.12776
0.060518	0.018398	0.022751	0.016205	-0.00637	-0.02701	-0.06042	-0.05732	-0.05323	-0.08242
0.099916	0.078841	0.04432	-0.007	-0.01117	-0.01104	-0.03376	-0.04243	-0.02062	-0.03115
0.140617	0.115552	0.059361	0.077885	-0.00841	0.016247	0.039976	0.004078	0.022829	-0.01268
0.192315	0.127986	0.113192	0.150662	0.072435	0.072708	0.081598	0.032622	0.043363	0.009659
0.259109	0.235438	0.218358	0.216447	0.152162	0.156547	0.095858	0.078238	0.070067	0.055934
0.324002	0.332486	0.271518	0.249153	0.154451	0.170723	0.166337	0.162362	0.142962	0.091645
0.390703	0.346442	0.273106	0.304083	0.257133	0.235338	0.246611	0.171137	0.18647	0.113077
0.378301	0.311516	0.325272	0.329268	0.319978	0.287549	0.233701	0.153226	0.224943	0.206762
0.379147	0.363786	0.350346	0.305625	0.208453	0.293498	0.208706	0.218477	0.291605	0.291773
0.399156	0.397098	0.305016	0.287292	0.212582	0.278381	0.28807	0.330642	0.314662	0.254489

0.360574	0.352245	0.274417	0.318079	0.313965	0.283483	0.325182	0.328194	0.276459	0.18021
0.262467	0.236402	0.233457	0.295248	0.34074	0.32513	0.286913	0.22329	0.235151	0.191589
0.188967	0.214895	0.260662	0.253754	0.194332	0.270454	0.178662	0.118241	0.190687	0.233616
0.166311	0.2266	0.196948	0.185387	0.097372	0.154985	0.098917	0.124055	0.177106	0.184703
0.197444	0.172273	0.091686	0.152558	0.096461	0.10759	0.142457	0.154404	0.138351	0.03317
0.174019	0.125137	0.072908	0.163107	0.116383	0.137287	0.152652	0.094355	0.06065	-0.01006
0.101371	0.044785	0.027626	0.070026	0.081837	0.103225	0.066203	0.00558	0.059589	0.062176
0.011236	-0.03069	-0.02036	0.002965	-0.03575	0.055291	0.040549	0.024214	0.062082	0.0938
0.047975	-0.01343	-0.01169	0.012945	-0.04828	0.00419	-0.00281	0.021184	0.051538	0.039174
0.059727	0.037945	-0.03946	0.023503	-0.03271	-0.01553	-0.04759	-0.03664	-0.00878	-0.02337
-0.00324	-0.0299	-0.0313	0.011198	-0.01483	-0.01164	-0.02648	-0.03983	-0.03582	-0.04776
-0.06462	-0.08152	-0.0494	-0.00364	-0.04404	-0.0373	-0.06722	-0.074	-0.04065	-0.05194
-0.08429	-0.10119	-0.07731	-0.05405	-0.08896	-0.03171	-0.09776	-0.07053	-0.03391	-0.04809
-0.05792	-0.05713	-0.03092	-0.10623	-0.14533	-0.09163	-0.14223	-0.053	-0.05101	-0.05248
-0.04663	-0.08474	-0.07743	-0.05836	-0.07531	-0.05536	-0.12234	-0.02985	-0.0684	-0.07235
-0.04387	-0.10001	-0.08075	-0.01489	-0.05231	-0.0452	-0.08114	-0.04501	-0.0821	-0.08976
-0.04506	-0.09042	-0.07514	-0.0363	-0.04751	-0.03058	-0.10659	-0.06918	-0.05295	-0.05612
-0.09259	-0.11749	-0.06563	-0.10004	-0.06036	-0.03721	-0.1145	-0.06323	-0.01941	-0.0493
-0.08527	-0.11119	-0.09124	-0.1318	-0.1086	-0.07113	-0.10404	-0.04421	-0.04607	-0.10576
-0.08481	-0.12021	-0.11775	-0.10519	-0.11257	-0.07576	-0.10173	-0.04085	-0.09195	-0.08817
-0.11569	-0.1472	-0.1038	-0.0744	-0.08978	-0.07823	-0.09677	-0.0839	-0.12765	-0.07194
-0.13601	-0.1834	-0.11618	-0.09956	-0.12682	-0.09284	-0.10709	-0.07492	-0.05781	-0.05701
-0.13969	-0.1812	-0.14411	-0.15854	-0.13241	-0.11354	-0.11935	-0.08897	-0.05579	-0.04687
-0.17494	-0.19862	-0.18553	-0.1782	-0.15826	-0.12833	-0.1429	-0.1037	-0.11421	-0.07137
-0.20795	-0.2189	-0.18171	-0.21089	-0.18231	-0.13697	-0.16939	-0.13694	-0.19435	-0.16297
-0.21991	-0.23223	-0.19776	-0.21687	-0.19944	-0.13022	-0.15764	-0.15473	-0.17566	-0.14586
-0.17712	-0.2046	-0.20694	-0.198	-0.19024	-0.1508	-0.15647	-0.12281	-0.15339	-0.11814
-0.12979	-0.13626	-0.1558	-0.16848	-0.18607	-0.18855	-0.17249	-0.16434	-0.22599	-0.16442
-0.1536	-0.06556	-0.08695	-0.12659	-0.15098	-0.15862	-0.16463	-0.20714	-0.2247	-0.1793
-0.16797	-0.04584	-0.06727	-0.09976	-0.11609	-0.1154	-0.12603	-0.16554	-0.1734	-0.1863
-0.16293	-0.11144	-0.0969	-0.11364	-0.10748	-0.1128	-0.0967	-0.10359	-0.13722	-0.19186
-0.15649	-0.13882	-0.13223	-0.14293	-0.10905	-0.10524	-0.11064	-0.10625	-0.20701	-0.21797
-0.11162	-0.00855	-0.08269	-0.13098	-0.12361	-0.12542	-0.13309	-0.14136	-0.23941	-0.25408
-0.00598	0.038189	-8.76E-04	-0.08855	-0.132	-0.15413	-0.17232	-0.18135	-0.19127	-0.2525
0.406684	0.262536	0.104255	-0.00594	-0.06765	-0.12739	-0.17711	-0.18307	-0.15862	-0.1768
0.131268	1.210329	0.529318	0.31511	0.130293	-0.04986	-0.11105	-0.12746	-0.16135	-0.11892
0	0	0	0.065146	0.767576	0.266093	0.088864	0.050049	-0.01793	-0.04526
0	0	0	0	0.032573	2.957133	0.789535	0.556302	0.479411	0.384679
0	0	0	0	0	0	0	0	0	0.10973
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Table 1: 10x10 Matrix of Random Values									
250	251	252	253	254	255	256	257	258	259
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.179016	0.284356	1.469754	1.360853	1.393945	1.25881	1.968332	1.480718	1.112961	0.716708
0.440771	0.476536	0.389695	0.34435	0.383961	0.378794	0.392499	0.361895	0.309634	0.246396
0.132517	0.145421	0.126827	0.079927	0.105714	0.164107	0.136764	0.146043	0.080567	0.087824
0.021499	-0.01523	-0.01706	-0.02798	-0.08635	0.067639	0.060544	0.070885	0.013024	-0.01484
-0.07644	-0.10545	-0.06726	-0.06986	-0.10542	0.004111	-0.00218	-0.01894	0.005216	-0.02931
-0.11231	-0.14248	-0.02399	-0.07248	-0.08379	-0.04973	-0.0867	-0.08156	-0.00667	-0.03735
-0.08776	-0.12695	-0.0641	-0.05475	-0.06881	-0.06657	-0.07845	-0.07314	-0.06402	-0.11865
-0.09111	-0.05802	-0.06046	-0.06394	-0.05151	-0.06722	-0.05058	-0.05777	-0.06051	-0.09711
-0.06445	-0.05743	-0.03932	-0.05015	-0.09049	-0.06179	-0.05829	-0.08878	-0.05056	-0.05835
-0.02724	-0.05695	-0.04126	-0.05232	-0.0865	-0.06548	-0.09158	-0.10174	-0.04871	-0.08322
-0.1065	-0.08061	-0.04865	-0.07095	-0.08202	-0.03829	-0.1117	-0.07821	-0.06573	-0.12183
-0.10898	-0.12035	-0.07862	-0.11059	-0.07869	-0.04605	-0.11538	-0.08101	-0.07338	-0.11845
-0.06579	-0.08328	-0.08133	-0.09544	-0.10121	-0.07218	-0.10803	-0.08916	-0.05025	-0.06432
-0.05861	-0.0737	-0.09201	-0.08967	-0.10448	-0.08742	-0.10192	-0.11179	-0.06135	-0.07809
-0.11311	-0.11028	-0.08114	-0.08583	-0.13616	-0.12454	-0.13187	-0.11726	-0.10366	-0.09926

-0.1412	-0.12424	-0.11089	-0.12832	-0.12301	-0.12035	-0.10991	-0.10352	-0.13695	-0.09576
-0.11392	-0.1028	-0.09873	-0.15291	-0.14407	-0.09927	-0.12049	-0.1258	-0.11514	-0.13181
-0.13533	-0.12632	-0.10946	-0.13925	-0.1318	-0.12877	-0.14892	-0.10895	-0.13252	-0.146
-0.15584	-0.11109	-0.11504	-0.12844	-0.09284	-0.14213	-0.14713	-0.08265	-0.12509	-0.1324
-0.12303	-0.09176	-0.11959	-0.13826	-0.06823	-0.108	-0.10804	-0.09659	-0.09115	-0.07505
-0.10554	-0.09373	-0.09746	-0.12864	-0.09911	-0.11441	-0.1067	-0.13775	-0.15348	-0.09252
-0.09927	-0.09447	-0.08185	-0.11102	-0.10832	-0.1189	-0.16089	-0.14507	-0.16113	-0.13263
-0.11478	-0.09035	-0.08936	-0.10254	-0.13567	-0.15704	-0.14761	-0.11649	-0.13047	-0.13407
-0.13282	-0.12105	-0.12836	-0.10957	-0.107	-0.14192	-0.11245	-0.1079	-0.10964	-0.07448
-0.13166	-0.14042	-0.13096	-0.13482	-0.10295	-0.12649	-0.12443	-0.15115	-0.14299	-0.08505
-0.15387	-0.16745	-0.09975	-0.14579	-0.10917	-0.12165	-0.13952	-0.1567	-0.14774	-0.10828
-0.15357	-0.13582	-0.11276	-0.13758	-0.13309	-0.15083	-0.10723	-0.08112	-0.11613	-0.09295
-0.14034	-0.13249	-0.1406	-0.11744	-0.14397	-0.15701	-0.1129	-0.10442	-0.12482	-0.12091
-0.1257	-0.1509	-0.16238	-0.10888	-0.16316	-0.18309	-0.12949	-0.1525	-0.12443	-0.14413
-0.14216	-0.14835	-0.18638	-0.16452	-0.1693	-0.14767	-0.11367	-0.17839	-0.1666	-0.17887
-0.16275	-0.1697	-0.18119	-0.15241	-0.13373	-0.13606	-0.16132	-0.20274	-0.15754	-0.17045
-0.13905	-0.15219	-0.18038	-0.131	-0.14324	-0.14108	-0.15165	-0.21005	-0.13785	-0.14205
-0.16053	-0.16607	-0.17711	-0.13277	-0.15776	-0.13862	-0.12987	-0.1647	-0.12297	-0.15279
-0.1494	-0.17437	-0.19331	-0.15714	-0.16887	-0.13032	-0.13949	-0.14361	-0.12567	-0.15177
-0.12853	-0.15726	-0.1634	-0.12627	-0.17213	-0.14193	-0.12985	-0.16362	-0.13006	-0.12273
-0.10656	-0.15668	-0.17101	-0.12077	-0.15762	-0.16191	-0.11714	-0.14918	-0.12575	-0.12645
-0.11122	-0.14911	-0.13329	-0.15206	-0.15724	-0.13024	-0.12605	-0.13858	-0.09592	-0.13062
-0.11497	-0.16898	-0.11895	-0.15516	-0.14801	-0.10879	-0.15293	-0.13826	-0.09563	-0.14892
-0.1266	-0.17206	-0.11749	-0.129	-0.12745	-0.10094	-0.14582	-0.15871	-0.11262	-0.18019
-0.10516	-0.13436	-0.11197	-0.08603	-0.09684	-0.10083	-0.14838	-0.13147	-0.09932	-0.17621
-0.08624	-0.12169	-0.11304	-0.1328	-0.10856	-0.0933	-0.16456	-0.12295	-0.0971	-0.11597
-0.11126	-0.11081	-0.10435	-0.14466	-0.13931	-0.11419	-0.12836	-0.09565	-0.13205	-0.12667
-0.1375	-0.13088	-0.10397	-0.13407	-0.12561	-0.13844	-0.13458	-0.11748	-0.1718	-0.1455
-0.1257	-0.12595	-0.07307	-0.11155	-0.08859	-0.09389	-0.13785	-0.11445	-0.12431	-0.13576
-0.11074	-0.13453	-0.08538	-0.11956	-0.10624	-0.08208	-0.12299	-0.09778	-0.07812	-0.13123
-0.087	-0.09561	-0.10623	-0.12263	-0.06763	-0.05892	-0.11167	-0.09075	-0.08272	-0.10369
-0.1094	-0.06442	-0.08717	-0.07884	-0.04137	-0.07212	-0.14876	-0.06679	-0.08379	-0.0854
-0.12846	-0.08662	-0.05767	-0.08105	-0.09555	-0.10656	-0.14033	-0.07507	-0.12621	-0.09576
-0.11547	-0.08803	-0.05097	-0.10168	-0.1055	-0.10679	-0.09758	-0.05416	-0.10006	-0.08574
-0.09985	-0.08903	-0.05075	-0.08312	-0.06907	-0.08284	-0.09497	-0.04906	-0.07674	-0.06442
-0.09549	-0.06545	-0.04452	-0.08116	-0.06138	-0.08348	-0.07352	-0.04445	-0.06868	-0.06842
-0.08585	-0.086	-0.0866	-0.09231	-0.0471	-0.10656	-0.09195	-0.04793	-0.06355	-0.03959
-0.05134	-0.08881	-0.07005	-0.08077	-0.04172	-0.09211	-0.09972	-0.0645	-0.09645	-0.05236
-0.06306	-0.06662	-0.06061	-0.102	-0.04825	-0.0831	-0.08403	-0.06039	-0.09977	-0.07267
-0.12373	-0.07301	-0.08488	-0.12889	-0.06975	-0.10484	-0.07306	-0.06241	-0.08842	-0.05792
-0.12089	-0.07923	-0.11577	-0.11732	-0.07001	-0.11221	-0.05859	-0.08147	-0.10112	-0.05497
-0.11725	-0.0841	-0.11217	-0.09432	-0.06908	-0.12222	-0.10873	-0.09239	-0.10904	-0.07495
-0.09122	-0.05251	-0.06667	-0.09395	-0.06625	-0.10821	-0.12056	-0.09973	-0.12269	-0.08714
-0.08812	-0.0737	-0.08524	-0.08098	-0.06199	-0.07557	-0.08355	-0.08766	-0.09116	-0.0514
-0.0725	-0.08257	-0.12405	-0.06263	-0.0447	-0.04286	-0.05486	-0.0853	-0.07633	-0.05427
-0.09558	-0.06451	-0.09264	-0.0539	-0.07422	-0.06794	-0.04835	-0.07546	-0.04731	-0.06122
-0.11834	-0.05318	-0.073	-0.05297	-0.08498	-0.09927	-0.04666	-0.07592	-0.03391	-0.07055

-0.08486	-0.06961	-0.10402	-0.04344	-0.05588	-0.08264	-0.05092	-0.08883	-0.09279	-0.10012
-0.05629	-0.06172	-0.10343	-0.05784	-0.06629	-0.08891	-0.09863	-0.11174	-0.09221	-0.09194
-0.0517	-0.06948	-0.08959	-0.07998	-0.10443	-0.07323	-0.09107	-0.10808	-0.0616	-0.07537
-0.09178	-0.07678	-0.08939	-0.09079	-0.10642	-0.04759	-0.0529	-0.08221	-0.05498	-0.0969
-0.07288	-0.04335	-0.06968	-0.05227	-0.07231	-0.05731	-0.04968	-0.10033	-0.07247	-0.08749
-0.04821	-0.04092	-0.04897	0.007522	-0.01038	-0.03329	-0.03285	-0.10425	-0.05113	-0.08422
-0.02141	-0.07891	-0.07533	-0.03357	-0.03255	-0.00421	-0.03716	-0.04899	-0.02791	-0.09387
-0.01045	-0.11644	-0.08136	-0.0518	-0.1114	-0.04645	-0.0742	-0.04646	-0.04281	-0.08374
-0.06243	-0.09049	-0.05817	-0.06122	-0.12459	-0.06847	-0.08608	-0.04175	-0.0566	-0.08406
-0.09356	-0.05327	-0.05285	-0.06188	-0.10166	-0.0308	-0.09153	-0.04695	-0.04283	-0.08704
-0.06221	-0.08063	-0.05998	-0.04453	-0.09563	-0.0342	-0.0798	-0.05564	-0.02197	-0.04829
-0.04926	-0.09266	-0.04906	-0.03322	-0.06606	-0.04584	-0.11057	-0.07784	-0.04629	-0.03263
-0.06704	-0.07516	-0.02354	-0.04722	-0.04775	-0.05243	-0.10064	-0.07893	-0.07207	-0.05349
-0.03659	-0.06974	-0.05182	-0.07178	-0.08076	-0.03882	-0.07654	-0.0764	-0.09249	-0.07885
-0.00723	-0.04046	-0.02119	-0.07162	-0.07091	-0.02365	-0.09499	-0.06241	-0.07648	-0.07327
-0.01815	-0.03412	-0.0014	-0.05601	-0.03016	-0.03302	-0.09558	-0.02901	-0.04246	-0.04961
-0.06115	-0.09641	-0.05772	-0.08964	-0.05274	-0.07586	-0.10177	-0.03966	-0.04072	-0.03345
-0.07237	-0.09433	-0.07414	-0.10169	-0.06527	-0.06944	-0.05493	-0.03944	-0.05786	-0.02558
-0.03192	-0.06104	-0.04015	-0.04563	-0.02201	-0.05366	-0.04681	-0.0393	-0.05601	-0.01463
0.002242	-0.06277	-0.01996	-0.04383	-0.00688	-0.04612	-0.06551	-0.0341	-0.02607	0.008588
-0.03303	-0.03284	0.00486	-0.05525	-0.02185	-0.03502	-0.02256	-0.01854	-0.04302	-0.02194
-0.07425	-0.04675	-0.02675	-0.05812	-0.0555	-0.08887	-0.02211	-0.03827	-0.0771	-0.06703
-0.05527	-0.03631	-0.06168	-0.0749	-0.04461	-0.06796	-0.02432	-0.0706	-0.09231	-0.08035
-0.0605	-0.04978	-0.06851	-0.06497	-0.02358	-0.05376	-0.04089	-0.05345	-0.06059	-0.05343
-0.0556	-0.04754	-0.03127	-0.0268	-2.84E-04	-0.06564	-0.06316	-0.06465	-0.04677	-0.01541
-0.05251	-0.03969	-0.02802	-0.02249	-0.02381	-0.08096	-0.08033	-0.05276	-0.0608	-0.02435
-0.05246	-0.03694	-0.05116	-0.01187	-0.03554	-0.04929	-0.04156	-0.04981	-0.04738	-0.0607
-0.03597	-0.00654	-0.05089	-0.03368	0.002465	-0.02896	-0.00334	-0.06442	-0.03796	-0.05954
-0.02573	0.008133	-0.03365	-0.04213	0.003314	-0.07166	-0.03231	-0.08448	-0.04601	-0.01791
-0.05969	-2.93E-04	-0.00733	-0.00943	-0.00472	-0.07484	-0.04391	-0.07259	-0.03307	-0.01599
-0.07328	-0.04118	-0.0471	-0.0048	-0.04375	-0.07648	-0.02396	-0.04572	-0.01837	-0.00881
-0.05687	-0.04954	-0.06998	-0.01456	-0.06508	-0.04321	-0.01921	-0.03628	-0.02186	-0.06325
-0.05217	-0.06388	-0.09023	-0.02351	-0.02263	0.008322	-0.02525	-0.07267	-0.03787	-0.0811
-0.069	-0.04477	-0.06833	-0.02322	-0.02033	-0.01565	-0.02293	-0.08514	-0.03185	-0.02313
-0.04724	-0.01009	-0.0269	-0.02137	-0.04909	-0.03363	-0.01357	-0.0636	-0.01165	-0.01908
-0.02197	-0.01278	-0.00888	-0.01403	-0.06792	-0.01976	-0.01917	-0.05391	-0.0023	-0.07073
-0.01798	-0.04696	-0.06287	-0.01359	-0.08506	-0.00908	-0.04172	-0.02511	-0.01387	-0.10375
-0.03702	-0.06561	-0.10495	-0.0103	-0.06587	0.010532	-0.0482	-0.04241	-0.01099	-0.06105
-0.04031	-0.04706	-0.07869	-0.01021	-0.0171	0.026592	-0.02262	-0.03658	-0.00232	-0.06274
-0.01835	-0.0309	-0.03362	0.017948	-0.02515	-0.00872	0.014919	-7.42E-04	0.016187	-0.06388
-0.03629	-0.07385	-0.01457	0.001343	-0.03263	-0.02495	-0.05327	-0.02884	-0.03682	-0.0245
-0.0425	-0.10901	-0.05302	-0.04279	-0.0455	0.003702	-0.08506	-0.05366	-0.08957	-0.06183
-0.04129	-0.06386	-0.04114	-0.0661	-0.07791	-0.01501	-0.06239	-0.02349	-0.04632	-0.03661
-0.02033	-0.03657	-0.02182	-0.05533	-0.08337	-0.03513	-0.03879	-0.00287	-0.02713	-0.03459
-0.01571	-0.03808	-0.01497	-0.0153	-0.05587	-0.014	-0.00491	1.93E-04	-0.05752	-0.038
0.003214	-0.04978	-0.01774	-0.06209	-0.05524	-0.01501	-0.01222	0.016941	-0.05803	-0.01548
0.001369	-0.0768	-0.02285	-0.04616	-0.03158	-0.0382	-0.04554	0.002223	-0.06172	-0.00821

-0.01618	-0.09748	-0.0153	8.06E-05	-0.00586	-0.04135	-0.08712	-0.00601	-0.0252	0.015906
-0.02024	-0.11671	-0.02139	-0.03937	-0.01342	-0.03728	-0.09071	-0.02016	-0.03618	0.008748
0.008324	-0.08098	-0.01534	-0.05876	-0.01221	-0.02479	-0.04591	-0.0346	-0.07368	-0.00484
5.17E-04	-0.00551	-0.03446	-0.05957	0.01546	-0.01546	0.007915	-0.02571	-0.03945	0.028112
-0.03698	-0.04641	-0.04062	-0.05788	0.006533	-0.02733	-0.01682	-0.02677	-0.00912	0.008189
-0.05078	-0.07044	-0.00927	-0.04566	-0.00535	-0.00669	-0.06323	-6.66E-04	-0.01835	-4.92E-04
0.001699	-0.00634	-0.00412	-0.04018	-0.00582	0.012197	-0.04038	-0.00939	-0.03104	0.016659
-0.0091	0.0191	-0.01783	-0.04078	-0.01616	-0.02129	-0.00721	-0.01564	-0.03675	-0.00565
-0.06176	-0.01975	-0.029	-0.00174	-6.48E-04	-0.04553	0.001467	-0.01285	-0.05978	-0.01714
-0.06734	-0.02947	-0.02534	0.006757	-0.01189	-0.06877	-0.01977	0.002338	-0.02916	-0.02358
-0.07709	-0.06156	-0.06097	-0.06207	-0.01686	-0.03843	-0.00611	0.002953	-0.01231	-0.00898
-0.04928	-0.06395	-0.09277	-0.05555	0.016514	-0.02628	-0.00261	-0.00217	0.013603	0.043847
-0.01791	-0.00873	-0.0589	-0.02196	-0.01135	-0.04174	-0.01971	-0.05091	0.017032	0.047898
-0.06023	-0.02176	-0.04845	-0.00607	-0.03335	-0.03419	-0.00487	-0.06462	0.002852	-0.03685
-0.07864	-0.03989	-0.05302	-0.01385	-0.01336	-0.01593	0.01512	-0.03419	0.009172	-0.06086
-0.03444	-0.0287	-0.05271	-0.00903	-0.00476	0.009821	0.021308	-0.03549	0.00604	-0.00885
0.008698	-0.01414	-0.07561	0.010346	-0.02172	-0.01624	-0.01222	-0.05556	-0.00969	-0.00416
-0.00679	-0.01408	-0.06264	0.012142	-0.02136	-0.0091	-0.0189	-0.00909	-0.00278	-0.04122
-0.05391	-0.01336	-0.02784	-0.01363	-0.11042	-0.05169	0.006539	0.025644	0.004003	-0.05956
-0.03105	-0.01002	-0.0506	-0.02072	-0.09755	-0.03616	-0.00314	0.0135	-0.01559	-0.06164
-0.00738	-0.00494	-0.05349	-0.01264	-0.02604	0.025383	-0.02039	0.010497	0.015144	-0.01646
0.011645	-0.03144	-0.03074	0.01785	0.009619	0.033712	-0.04208	0.002357	0.027567	0.033689
-0.02963	-0.04413	-0.03008	0.023773	0.007098	-0.0152	-0.06904	-0.00145	-0.01033	0.035047
-0.04524	-0.08467	-0.00599	-0.01008	-0.02965	-0.01961	-0.0469	0.017557	-0.02584	0.008828
-0.01601	-0.09431	-0.02356	-0.01523	-0.02734	0.024872	-0.01004	0.001974	-0.02889	-0.02361
-0.01499	-0.05021	-0.04474	-0.02103	-0.0251	0.008894	-0.03202	0.002492	0.006688	0.005005
-0.02394	-0.02696	-0.00365	-0.00997	-0.00493	-0.03046	-0.02883	0.027248	-0.00307	0.021513
-0.04022	-0.02234	0.011332	-0.04376	-0.02896	-0.05058	-0.0037	0.015771	-0.0282	0.007769
-0.02469	-0.05407	-0.02422	-0.06816	-0.04477	-0.05438	-0.01113	0.008214	-0.08608	-0.0415
0.002281	-0.07564	-0.03529	-0.07334	-0.00931	-0.03447	-0.02174	0.032669	-0.07957	-0.06302
-0.00538	-0.08884	-0.03162	-0.0198	0.014725	-0.01239	-0.03252	0.021472	-0.04263	-0.03378
-0.03794	-0.07038	-0.01189	-0.00585	0.011367	-0.0457	-0.01587	0.004243	-0.01531	0.027903
-0.04902	-0.06169	-0.00791	-0.0514	-0.03897	-0.05843	-0.02311	-0.01372	-0.05091	-0.01199
-0.02963	-0.06003	-0.02598	-0.07349	-0.04864	-0.05376	-0.00973	-0.01841	-0.0654	-0.01716
-0.03278	-0.05896	-0.0193	-0.06385	-0.00769	-0.04941	-0.01797	0.001705	-0.03518	0.005044
-0.0635	-0.03794	0.011976	-0.02495	-0.00869	-0.05479	-0.04615	-0.00823	-0.02806	0.001195
-0.0286	-0.01891	-0.0018	-0.00625	-0.02123	-0.04737	-0.02545	-0.04882	-0.02925	0.017658
-0.004	-0.00824	-0.02665	-0.02045	0.003855	-0.01847	0.007442	-0.06464	-0.04325	-0.01004
-0.05225	-0.03771	-0.00966	-0.02231	0.013972	-0.05008	0.009611	-0.0362	-0.0375	-0.04985
-0.05606	-0.01207	0.004207	0.017693	0.016196	-0.04894	-0.0038	-0.03686	0.021524	-0.0155
-0.047	-0.00702	0.001851	0.022938	-0.00633	-0.01087	0.02371	-0.04819	-0.00211	-0.01726
-0.02802	-0.00963	-0.02847	0.028087	0.005872	-0.00455	0.026002	0.006524	0.001879	-0.06405
-0.01474	-0.01006	-0.04959	0.005574	0.035046	0.024728	-0.0212	-0.03141	-0.00591	-0.03836
-0.01713	-0.00995	-0.03267	-0.01476	-0.00603	-2.91E-04	-0.0132	-0.05202	-0.01092	0.018742
-0.04743	0.010246	-0.00832	0.005002	-0.04238	-0.04984	0.003625	-0.01488	0.009567	0.017373
-0.04069	-0.00209	0.007774	0.015737	-0.05046	-0.05376	-0.02445	-0.01788	0.038364	-0.01206
-0.02646	-0.02187	-0.04414	-0.0214	-0.07083	-0.04386	-0.05479	-0.08688	-0.00443	-0.04901

-0.04199	-0.01994	-0.0588	-0.0109	-0.04299	-0.02087	-0.07129	-0.10652	-0.03176	-0.05811
-0.05516	-0.00826	-0.04969	0.005497	0.005774	0.012734	-0.01466	-0.05458	-0.01007	-0.04924
-0.06179	-0.01624	-0.052	-0.02412	-0.05369	-0.00185	0.021978	-0.02215	-0.02072	-0.06052
-0.05475	-0.03845	-0.03532	-0.05417	-0.10652	-0.02455	-0.02192	-0.03098	-0.00192	-0.04394
-0.00362	-0.05979	-0.08249	-0.06876	-0.06836	-0.00137	-0.06073	-0.03657	-6.80E-04	-0.02596
0.003428	-0.04966	-0.06711	-1.08E-04	-0.03103	0.008697	-0.05649	-0.04477	0.016227	-0.00357
0.011744	-0.02291	-0.03908	7.78E-04	-0.09214	-0.01932	-0.07242	-0.03392	0.008855	-0.04708
0.011784	0.005934	-0.0039	-0.01679	-0.1063	-0.03046	-0.06933	-0.04902	-0.03348	-0.05869
-8.15E-04	0.001799	0.009559	-0.01643	-0.06592	-0.01503	-0.00431	-0.01836	-0.06248	-0.04791
-0.0013	-0.04121	-0.03702	-0.02876	-0.07006	-0.02283	-0.02098	0.009286	-0.05307	-0.03329
-0.02389	-0.01388	-0.02077	0.004526	-0.06223	-0.03044	-0.04532	0.002204	0.00716	0.005084
0.001195	-0.01347	-0.01907	-0.00296	-0.06512	-0.01292	0.003567	0.041151	0.046689	5.08E-04
0.00585	-0.03941	-0.01285	-0.05515	-0.07877	0.020761	0.037354	0.054019	0.017354	-0.00418
-0.02642	-0.06816	0.022985	-0.02463	-0.04368	0.005321	-0.00328	0.022476	-0.02077	-0.00258
-0.04618	-0.06992	0.015687	0.019048	0.001329	-0.01669	-0.07651	-0.02133	-0.03627	-0.00719
-0.01543	-0.05029	-0.01585	0.008634	-0.01646	-0.01862	-0.06796	-0.00281	-0.04251	-0.02011
-0.0095	-0.0437	-0.01208	0.007695	-0.04074	-0.0026	-0.03608	-0.00365	-0.03996	-0.02131
-0.02728	-0.04525	-0.01425	-0.0271	-0.0174	-0.00392	-0.02575	-0.02361	-0.05539	-0.03216
-0.01586	-0.07572	-0.04027	-0.05124	-0.00417	-0.03419	-0.02872	-0.02777	-0.07423	-0.04161
-0.00212	-0.04627	-3.97E-04	-0.02328	0.013498	-0.06717	-0.08567	-0.02124	-0.03527	-0.01279
0.021073	-0.02559	0.035991	-0.01315	-0.02285	-0.01529	-0.06353	0.001398	-0.03504	-0.02317
0.030793	-0.03624	0.042108	0.002194	-0.04615	0.005556	-0.02849	0.005672	-0.0529	-0.02528
0.014871	-0.03829	-0.00367	-0.02176	-0.03783	-0.03831	-0.02006	-0.01501	-0.08579	-0.0227
-0.04191	-0.05621	-0.0215	-0.03218	-0.01047	-0.04982	-0.00149	-0.01214	-0.03996	-0.01201
-0.0528	-0.04987	0.039309	0.02427	0.025488	-0.01511	0.003937	0.012438	0.032796	-0.01011
0.017518	0.003205	0.049143	0.031635	0.036796	0.014008	-9.31E-04	0.008876	-0.00739	-0.02643
0.016614	-0.0089	0.00436	-0.03359	0.025021	0.03698	0.025367	0.023684	0.008618	0.001038
-0.03513	-0.02343	-0.01054	-0.07086	-0.00571	-0.00235	0.011989	-0.00693	0.00414	0.01311
-0.04701	-0.00602	-0.00715	-0.05289	-0.01852	-0.03385	-0.00487	-0.03928	-0.03457	-0.01444
-0.0329	-0.02879	0.003995	-0.02321	-0.03221	-0.03882	-0.01293	-0.03297	-0.00753	-0.0235
-0.01137	-0.05084	-0.02469	-0.04419	-0.01529	-0.02208	-0.00676	0.006641	-0.00244	-0.01322
-0.01069	-0.02392	-0.05547	-0.07548	0.015341	0.027702	0.010739	0.006679	-0.01507	0.001254
-0.06391	-0.01414	-0.04192	-0.07439	-0.01905	-0.02261	-0.01663	-0.04152	-0.01421	0.017801
-0.08713	-0.01906	-0.04524	-0.03902	-0.02526	-0.05757	-0.03143	-0.07065	-0.00476	0.008568
-0.08546	-0.00792	-0.00927	-0.00703	-0.03251	-0.05032	-0.01925	-0.05919	0.010518	-0.00476
-0.00723	0.006536	-0.0464	-0.02619	-0.00749	-0.03408	-0.00228	-0.04622	-0.01721	-0.02121
-0.01169	0.00541	-0.04982	-0.01441	-0.00181	-0.07408	-0.01136	-0.05176	-0.01623	-5.31E-04
-0.03904	-0.00426	-0.04987	-0.04439	-0.05826	-0.09412	-0.02689	-0.04706	-0.0274	-0.04443
-0.07328	-0.01449	-0.0843	-0.05043	-0.04219	-0.02681	0.010739	0.007164	-0.00447	-0.08178
-0.10011	-0.02017	-0.04388	-0.01233	-0.02624	-0.02826	0.039508	0.021652	0.005961	-0.04659
-0.05736	-0.02618	-0.05635	-0.03555	-0.0294	-0.02501	0.017126	-0.05034	0.008362	-0.03796
-0.00134	-0.0123	-0.05872	-0.03871	-0.04056	-0.00122	-0.01265	-0.04955	0.017475	-0.0169
-0.03992	-0.03136	-0.03751	0.005593	-0.05279	-0.01102	-0.04047	-0.04064	0.017939	8.02E-04
-0.05352	2.25E-04	-0.01416	-0.00255	-0.03572	-0.00834	-0.03688	-0.0297	-0.00236	-0.04079
-0.02371	7.23E-04	-0.05018	-0.02939	-0.0636	-0.00411	-0.01184	-0.01619	-0.02459	-0.07507
0.004793	-0.02597	-0.03606	0.018458	-0.05619	-0.01754	-0.01327	-0.03921	-0.03588	-0.08217
-0.01428	-0.06006	-0.02955	0.027606	-0.02867	0.001449	-0.01702	-0.01216	-0.0166	-0.08569

-0.02001	-0.0452	0.001813	-0.00737	-0.05684	-0.00444	-0.01585	0.004089	-0.04073	-0.02587
0.002786	-0.01565	-0.00838	-0.04649	-0.09071	-0.00287	-0.03874	-0.00124	-0.05139	-0.00925
0.013813	-0.03604	-0.04717	-0.01715	-0.0482	0.020903	-0.0404	0.015039	-0.05063	-0.05966
0.004188	-0.0738	-0.07504	-0.02816	-0.00143	0.007084	-0.03191	0.025989	-0.04368	-0.02185
-7.38E-04	-0.04128	-0.05265	-0.06531	-0.00603	-0.02268	-0.08774	-9.32E-05	0.018868	0.02983
0.005673	-0.00556	-0.02012	-0.0701	-0.03801	-0.02818	-0.07134	-0.02256	-0.04622	-0.01284
0.016133	-0.0273	-0.05644	-0.06139	-0.03167	-0.00114	-0.03838	-0.02426	-0.09989	-0.05194
0.010377	-0.05048	-0.01927	-0.02937	0.006961	0.0302	-0.0272	-0.00879	-0.05087	-0.02982
-0.03852	-0.06726	0.006865	0.007006	0.022409	-0.00108	-0.02945	0.008857	-0.01948	-0.01906
-0.06006	-0.04833	-0.00227	-0.01723	0.016614	-0.02692	-0.00105	0.016029	-0.00322	-0.00881
-0.01543	-0.04881	-0.03205	-0.05354	0.005872	-0.00978	8.85E-04	-0.0108	-0.03647	-0.01981
-3.91E-04	-0.10232	-0.03541	-0.01862	0.019371	-0.01845	-0.02878	-0.06072	-0.08249	-0.03305
-0.01594	-0.08204	-0.02154	-0.04018	0.017691	-0.00325	-0.02571	-0.04008	-0.04797	-0.01446
0.017961	0.006225	-0.00146	-0.05708	-0.00577	-0.03871	-0.01247	0.006544	-0.00986	0.009409
-0.01512	0.030886	-0.01682	-0.02743	-0.04042	-0.05674	-0.0199	0.015079	0.028496	0.014445
-0.02528	0.024052	-0.026	-0.05005	-0.02746	-0.03049	-0.02058	-0.01342	0.020285	-0.00104
-3.33E-04	0.021408	-0.01534	-0.04228	0.0133	-0.00762	0.020496	-0.01017	-0.0138	0.013372
-0.06912	-0.03468	0.006556	0.007675	0.039979	-8.50E-04	0.032807	9.96E-04	-0.00984	0.013372
-0.03743	-0.03286	-0.02266	0.013053	-7.05E-04	-0.02648	0.028885	0.020009	0.005451	-0.0307
0.011982	-0.0022	-0.03814	-0.03272	-0.04847	-0.03593	0.020213	-0.01508	-0.01529	-0.05037
-0.02887	0.002183	-0.0495	-0.05669	-0.0311	-0.05675	-0.01213	-0.08196	-0.05423	-0.03409
-0.04674	-0.01002	-0.02955	-0.04405	9.83E-04	-0.07637	-0.03499	-0.06427	-0.04442	-0.03459
-0.02806	0.013454	0.032841	0.01315	-0.03033	-0.07645	-0.01505	-0.01227	-0.00994	-0.01258
-0.02737	0.013118	-0.04991	-0.01527	-0.02245	-0.03866	-0.01235	0.012241	0.01171	-0.03804
-0.02268	-0.00734	-0.11944	-0.04332	0.014646	-0.0068	-0.02997	-0.01125	0.004374	-0.0241
-0.03465	0.003938	-0.07582	-0.02133	0.045543	0.011662	-0.00852	-0.01956	0.014023	-5.51E-04
-0.07101	0.017921	-0.0164	0.011079	0.015758	0.005947	0.035945	0.009286	0.032337	-0.00293
-0.06388	0.010148	-0.01298	0.008807	-0.02746	0.020376	0.026105	0.007611	0.037624	-0.0121
-0.01208	-0.02274	-0.03573	-0.02925	-0.0386	0.028135	-0.01068	0.031272	-0.02382	-0.112
-0.00124	-0.01133	-0.03597	-0.01483	-0.06176	-0.00656	-0.06859	-0.00834	-0.0365	-0.1115
-0.03819	-0.01058	-0.04556	0.018164	-0.05243	-0.03549	-0.07304	-0.04965	0.014303	-0.0071
-0.01959	0.002935	-0.0409	0.004051	-0.05903	6.55E-04	-0.05279	-0.03919	0.02893	-0.01915
0.005204	-0.02636	-0.03012	-0.03491	-0.06667	0.013191	-0.05351	-0.04303	4.81E-04	-0.03895
-0.01165	-0.0882	-0.09235	-0.04842	-0.04493	-0.01333	-0.05238	-0.02838	-0.04117	-0.03683
-0.00715	-0.06457	-0.05824	-0.01281	-0.03955	-0.02762	-0.05022	-0.01372	-0.03796	-0.04305
-0.0022	-0.01637	-0.02367	-0.00938	-0.07197	-0.01689	-0.02225	0.004532	-0.03165	-0.06427
-0.02976	8.96E-04	-0.00522	-0.03099	-0.05406	-0.01286	-0.03006	0.003838	-0.01727	-0.06413
-0.03702	-0.06696	-0.00535	-0.03595	-0.04458	-0.02603	-0.01856	-0.01453	-0.03741	-0.02759
-0.02591	-0.11861	-0.01726	-0.04424	-0.0421	-0.04214	-0.0205	-0.01903	-0.03691	-0.0152
0.00135	-0.06024	0.001355	-0.04864	-0.02	-0.05519	-0.05454	-0.00308	-0.04079	-0.00168
-0.00899	-0.04661	-0.02866	-0.08688	-0.03727	-0.01843	-0.05025	-0.00537	-0.07065	-0.03777
-0.02488	-0.05014	-0.02684	-0.06858	-0.03242	-0.00283	-0.02945	0.00488	-0.06219	-0.02757
-0.03217	-0.03778	-0.0164	-0.01458	-0.00378	-0.00733	0.009078	-0.02549	-0.05144	-0.001
-0.04599	-0.06724	-0.02968	-0.02376	6.95E-04	-0.04569	-0.03288	-0.05626	-0.01931	0.003659
-0.05726	-0.06333	1.93E-04	-0.04151	-0.02057	-0.07362	-0.06753	-0.03143	-0.04265	-0.04659
-0.02356	-0.03065	0.021683	-0.04035	-0.00897	-0.04886	-0.04765	-0.02623	-0.07594	-0.04915
-0.04008	-0.03456	-0.01827	-0.05664	-0.01561	-0.01393	-0.00362	-0.03049	-0.02543	-0.00652

-0.04041	-0.03699	-0.05599	-0.06582	-0.01916	-0.00648	0.0274	-0.00422	0.006491	0.016924
-0.00728	-0.03705	-0.01684	-0.02568	-0.0451	-0.06461	-0.01115	-0.01333	-3.13E-04	-0.00804
-0.00975	-0.03983	0.011195	-0.00549	-0.03083	-0.0512	-0.01934	-0.0161	-0.02441	-0.0506
0.004462	-0.02469	0.001374	-0.02738	0.010561	-0.01294	-0.02851	-0.0503	-0.05926	-0.0228
-0.01826	-0.00916	-0.06459	-0.10053	-0.00478	-0.01488	-0.0206	-0.06444	-0.08118	0.00767
-0.07428	-0.03833	-0.08557	-0.08061	-0.02942	-0.03465	-0.02025	-0.05599	-0.06665	-0.00937
-0.0838	-0.04642	-0.06722	-0.04429	-0.05755	-0.06508	-0.02578	-0.03539	-0.01018	-0.05206
-0.07116	-0.01922	-0.05318	-0.04363	-0.04574	-0.05501	-0.016	-0.04093	-0.01597	-0.06785
-0.05246	-0.00622	-0.06257	-0.02036	2.53E-04	-0.05226	-0.03508	-0.06158	-0.03187	-0.04321
-0.04669	-0.04872	-0.07617	-0.00404	-0.00322	-0.06288	-0.05852	-0.07768	-0.0214	-0.02259
-0.06808	-0.03458	-0.07239	-0.00266	-0.05521	-0.05229	-0.0887	-0.05851	-0.00886	-0.05039
-0.06914	-0.00369	-0.05675	-0.02796	-0.07301	-0.08064	-0.04707	-0.05244	-0.02501	-0.07786
-0.03049	-0.02856	-0.0975	-0.03216	-0.05399	-0.07169	-0.00174	-0.06713	-0.0122	-0.07282
-2.40E-05	-0.06454	-0.10583	-0.02846	-0.02336	0.009544	0.002418	-0.06878	-0.01165	-0.01629
-0.00536	-0.03954	-0.04577	-0.00247	-0.02878	0.01079	-0.03116	-0.04769	-0.01827	-0.02526
-0.0255	0.004499	-0.01954	-0.00766	-0.08892	-0.04811	-0.03796	-0.01702	-0.0034	-0.05797
-0.04173	0.005235	-0.0185	-0.00131	-0.06115	-0.03141	-0.02074	-0.02137	-0.03854	-0.06713
-0.00157	-0.04373	-0.05081	-0.00829	-0.02351	0.013889	-0.00349	-0.02316	-0.01092	-0.04426
0.003604	-0.04795	-0.03344	0.006318	-0.003	0.035657	-0.02651	0.001801	0.005412	-0.05889
-0.01144	-0.01931	0.022664	0.023474	0.004339	0.023585	-0.03249	0.007747	-0.00608	-0.05654
0.024739	0.031957	0.010045	-0.04332	-0.06626	-0.00478	-0.01537	0.006389	-0.05798	-0.01055
0.022108	0.012211	-0.01576	-0.00279	-0.04333	0.002108	-0.04301	-0.02884	-0.06068	-0.04799
0.008974	-0.04151	-0.01211	0.031777	-0.0088	0.021126	-0.05903	-0.01015	-8.54E-04	-0.05128
-0.01952	-0.06816	0.011234	0.014568	-0.01062	-0.0111	-0.06222	0.025644	-0.01535	-0.03764
-0.03877	-0.06883	-0.00795	-0.04709	-0.03201	-0.01598	-0.01352	0.01929	-0.05504	-0.01921
-0.03064	-0.03558	-1.67E-05	-0.04114	-0.01609	-0.00968	-0.02874	0.009305	-0.06061	-0.04604
-0.02077	-0.06106	-0.01337	-0.02775	-0.00216	0.017532	-0.03656	-0.00173	-0.08119	-0.04353
-0.01308	-0.08179	-0.02661	-2.58E-04	0.01855	-0.01369	-0.03666	0.005092	-0.06538	-0.04017
-0.01937	-0.02626	-0.00155	-0.01885	0.011603	-0.01908	-0.01415	0.027471	-0.01979	-0.00468
0.002436	-0.00681	0.019211	-0.00882	-0.00444	-0.00642	0.010877	0.001226	-0.00652	0.008868
0.011268	-0.02951	0.020047	-0.03619	-0.00603	-0.01198	0.019343	-0.04431	-0.04627	-0.00422
-0.01078	-0.03885	0.008995	-0.06254	-0.00463	-0.01561	-0.01417	-0.03256	-0.06789	-0.0117
-0.06335	-0.02358	0.010785	-0.01547	-2.64E-04	-0.02397	-0.03049	0.001743	-0.02824	-0.01637
-0.03746	-0.02725	-0.04062	-0.01724	-0.03517	-0.04442	-0.00567	0.009969	0.013743	-0.02643
9.43E-04	-0.03727	-0.05508	-0.06161	-0.0185	-0.04333	0.004425	-0.0241	0.001762	-0.03909
0.019959	0.001895	-0.0235	-0.06222	2.92E-04	-0.02599	1.50E-04	-0.03832	-0.01675	-0.01661
-0.04959	-0.02479	-0.01398	-0.02536	-0.01429	-0.03701	-6.23E-04	-0.05382	-0.01846	0.010451
-0.06747	-0.02187	-0.00819	0.016206	-0.00204	-0.02336	0.01434	-0.01433	0.014543	0.016985
-0.04294	0.00479	-0.03662	-0.02192	-0.01638	-0.02418	0.010145	-0.02296	0.006354	-0.02257
-0.01485	0.00253	-0.03311	-0.03362	-0.00771	0.00112	0.001176	-0.05108	-0.02144	-0.04992
-0.02639	-0.00327	-0.01583	0.001986	0.026955	-1.37E-04	0.015961	-0.02209	0.008678	-0.0145
-0.06561	0.018061	-0.00933	0.01381	0.038112	-0.01652	0.043848	0.017915	0.029862	0.009028
-0.06533	0.017462	-0.01234	0.005974	-0.03853	-0.05701	0.057599	0.03271	0.026352	-0.01992
-0.02911	-0.02528	-0.0595	-0.02469	-0.04411	-0.06617	0.050116	0.024875	0.016911	-0.02147
-0.06219	-0.02782	-0.04121	0.005802	0.006903	-0.04669	-0.03121	-0.03968	0.00714	-0.0109
-0.03627	0.004945	-0.01651	0.018556	-0.02128	-0.0842	-0.0362	-0.05273	-0.00829	-0.01853
-0.03911	0.014165	0.020924	0.027806	-0.07579	-0.08458	0.002671	-0.00306	-0.01483	-0.06973

-0.032	-0.01161	-0.03481	-0.02536	-0.06266	-0.02017	0.022568	0.028775	-1.19E-04	-0.06256
-0.01865	-0.06553	-0.12935	-0.05405	-0.00923	0.033086	-0.02394	0.016088	-0.00566	-0.02849
-0.04252	-0.04874	-0.09144	-0.00425	-0.0012	0.019325	-0.02878	-0.02249	0.005079	-0.01682
-0.01285	0.009854	-0.03723	0.03775	-0.00745	0.021754	6.14E-04	0.008759	0.034008	-0.01904
0.031042	0.014245	-0.00429	0.050626	-0.03739	0.014307	0.01554	0.030452	0.009053	-0.05613
0.020323	-0.0414	-0.01664	0.014821	-0.05991	0.005713	0.005618	0.027492	-0.04953	-0.04798
-0.02186	-0.07433	-0.05246	0.010385	-0.01133	0.028444	-0.02767	-0.00635	-0.01606	-0.01296
-0.01469	-0.04192	-0.03822	0.027606	-0.00698	0.019043	-0.03745	-0.02426	-0.00355	-0.02108
0.008856	0.014918	0.017228	0.033522	-0.03114	-0.01015	-0.01598	-0.01691	-0.00338	-0.0621
-0.01519	0.008738	0.027095	-0.00155	-0.0293	-7.54E-04	-0.00676	-0.00321	-0.01218	-0.03394
-0.00555	-0.02116	-0.00955	-0.01134	-0.01575	0.011781	-0.01736	0.03199	-0.01777	-0.00418
-0.03235	-0.03033	-0.03177	0.004222	3.11E-04	-0.0168	-0.0718	0.005169	-0.07065	-0.04687
-0.02141	-8.28E-04	0.00436	0.042726	0.026955	0.040145	-0.03342	0.009266	-0.0384	-0.02827
0.016373	0.035351	0.043031	0.036869	-7.24E-04	0.053915	0.029029	0.029551	-0.01755	-0.03868
0.023167	-0.0041	0.01141	-0.00316	-7.43E-04	0.032566	0.018414	0.018492	-0.05001	-0.03813
7.88E-04	-0.0571	-0.02349	0.005421	-0.01219	-0.0011	-0.02463	-0.03991	-0.04761	-0.00544
0.011843	-0.03539	-0.02421	0.030281	-0.00582	-0.00528	-0.02899	2.29E-06	0.001607	0.022111
0.021905	-0.02712	-0.0243	0.001778	-0.04631	0.016207	-0.01098	0.036266	0.026969	-0.02194
0.004403	-0.02629	0.015608	1.94E-04	-0.04278	0.02608	0.003255	0.035437	-0.00317	-0.04992
0.004598	-0.06533	0.01949	0.020544	-0.00942	0.017653	-0.0123	0.029163	-0.03554	-0.02434
0.002475	-0.06611	-0.00657	-0.02579	0.005037	-0.01458	-0.06134	-0.00727	-0.0572	0.006673
0.009211	-0.00533	0.004533	-0.03808	-0.02445	-0.0073	-0.0915	-0.01235	-0.00889	0.008588
0.012857	0.01894	0.020465	-0.01272	-0.03406	-0.00915	-0.08062	-0.01889	0.001296	-0.03129
-0.01086	-0.01882	0.007426	-0.03813	-0.04952	0.007163	-0.04943	-0.01731	-0.03513	-0.03265
-0.03803	-0.07174	-0.02579	-0.05402	-0.00918	0.003138	-0.01151	0.016326	-0.03602	-0.01701
-0.07081	-0.09015	-0.0304	-0.0706	-0.02718	-0.03356	-0.02575	0.018333	-0.03785	-0.0235
-0.013	-0.05789	-0.00632	-0.04614	-0.04208	-0.00775	-0.04103	-0.01808	0.00256	-0.01206
0.027056	-0.03578	0.023245	-0.00637	-0.01754	0.002496	-0.01738	-0.03116	-0.01796	-0.05537
0.0063	-0.0333	0.003861	-0.05269	-0.02055	0.012336	0.01516	0.006021	-0.08486	-0.09914
-0.04289	-0.05283	-0.0157	-0.06662	-0.02002	-0.00703	-0.04075	-0.00283	-0.06824	-0.02913
-0.06881	-0.08663	0.002271	-0.02068	-0.01697	-0.03671	-0.08141	-0.04496	-0.08557	0.005263
-0.0091	-0.05011	0.01939	-0.01209	-0.03995	-0.00623	-0.0302	-0.01547	-0.05082	3.51E-04
0.030731	0.006031	-0.00174	-0.06807	-0.06121	0.005869	-0.0155	0.002818	-0.02911	0.005659
-0.01707	-0.01235	-0.04628	-0.0681	-0.03708	-0.02094	0.017931	-0.05527	-0.09144	-0.05682
-0.06619	-0.05626	-0.00578	-0.01735	-0.00103	-0.05346	-0.01368	-0.03926	-0.05957	-0.04636
-0.02619	-0.03346	0.050252	-0.00365	-0.01701	-0.06685	-0.04027	0.029797	0.005314	-0.00889
0.049308	0.007236	0.036528	-0.02828	-0.03623	-0.03572	-0.04474	0.013736	-0.00728	-0.00806
-0.01267	-0.0264	0.001278	-0.0515	-0.03665	0.001701	-0.00544	9.77E-04	-0.0716	-0.00186
-0.02127	-0.04659	-0.04975	-0.0792	-0.03483	-0.02221	0.023445	0.008837	-0.07343	-0.02332
-0.01191	-0.03782	-0.00311	-0.03439	-0.01107	-0.03661	-0.0047	0.004243	-0.0541	0.001765
-0.02838	-0.0251	0.029775	-0.03387	-0.02053	-0.00625	-0.01953	0.018752	-0.01278	0.003105
0.011704	-0.01696	0.00789	-0.06472	-0.02956	0.021491	-0.00977	0.034443	0.008954	-0.00546
0.002825	-0.01906	-0.01741	-0.04609	0.0078	0.030593	0.029091	-0.00441	-0.04587	0.01003
0.017036	-0.02938	-0.03695	-0.033	-0.00715	-0.03732	-0.02934	-0.07893	-0.06583	-0.00743
0.027694	-0.03875	0.013014	-6.34E-04	-0.00854	-0.08656	-0.08158	-0.07361	-0.06325	-0.01149
-0.00184	-0.02244	0.028534	-0.0029	-0.03453	-0.04735	-0.01637	-0.01376	-0.0683	-0.02467
-0.0183	0.010265	0.023165	-0.02897	-0.02842	0.005204	0.00756	0.032875	-0.03615	-2.37E-04

-0.04094	-0.03241	-0.00354	-0.04337	-0.02624	-0.00193	-0.0055	0.012045	-0.02173	-5.90E-04
-0.01334	-0.0573	-0.02467	-0.04197	-0.0308	-0.03265	-0.04873	-0.03574	-0.02896	0.006256
0.013853	-0.03296	-0.02159	-0.05878	-0.00607	-0.04384	-0.08783	-0.01931	-0.01985	0.008209
0.014072	-0.01477	0.00917	-0.06665	-0.02896	-0.02849	-0.04906	-0.0061	-0.06608	-0.01452
0.004442	-0.01788	0.040623	-0.00408	-0.05138	-0.03093	-0.02394	0.003819	-0.10242	-0.03001
-0.02651	-0.06614	-0.00505	-0.04715	-0.03512	-0.02375	-0.04152	-0.02167	-0.05755	-0.02935
-0.02151	-0.07808	-0.04438	-0.05336	-0.01736	-0.00807	-0.00864	-0.02285	-0.03881	-0.00511
-0.03084	-0.06648	-0.01403	-0.0094	0.011524	-0.02876	-0.02179	-9.70E-04	-0.04433	-0.01595
0.015351	-0.03008	0.003995	0.00898	-0.0164	-0.00555	-0.0369	0.006834	-0.03689	-0.03814
0.02154	-0.03238	1.93E-04	-0.02239	-0.05102	-5.80E-04	-0.00869	0.022114	-0.03019	-0.00758
-0.00846	-0.04487	0.015195	-0.04573	-0.03012	0.022079	-0.03704	-0.01211	-0.05628	-0.03003
-0.01677	-0.05196	0.001622	-0.04235	-0.01548	-0.00492	-0.08741	-0.0397	-0.04934	-0.01782
-0.01933	-0.05002	0.009851	0.005135	-0.01512	-0.03501	-0.0762	-0.0243	-0.06041	-0.02949
-0.04124	-0.00873	-0.00224	-0.00766	-0.03441	-0.03218	-0.04133	0.01496	-0.0344	-0.05382
-0.05388	-0.05337	-0.02285	-0.04366	-0.03559	0.01341	0.009216	0.030083	-0.03404	-0.02209
-0.04947	-0.07096	-0.00803	-0.0257	-0.03358	0.004228	-0.00376	0.02951	-0.04728	-0.01514
-0.05919	-0.07712	-0.05488	-0.01768	-0.0211	-0.04851	-0.04868	0.033122	-0.01024	0.001529
-0.01088	-0.0257	-0.07074	-0.01912	-0.0098	-0.02744	-0.04643	0.008798	-0.02125	-0.01203
0.026542	0.012132	-0.00207	-0.01966	-0.01206	0.021024	-0.03881	-0.02129	-0.0417	-0.02198
-0.01556	-0.04189	0.015707	-0.04759	-0.03697	0.005067	-0.03872	-0.03033	-0.07291	-0.01739
-0.02531	-0.07101	-0.00677	-0.04864	-0.03478	-0.03843	-0.06543	-0.03546	-0.0587	-0.03079
-0.02641	-0.06177	-0.02579	-0.05344	-0.04217	-0.07245	-0.11137	-0.04291	-0.01107	-0.00561
-0.01135	-0.06502	-0.04693	-0.04512	-0.07496	-0.07406	-0.1076	-0.04829	-0.04986	-0.02867
0.004013	-0.04411	-0.05869	-0.0921	-0.0682	-0.03801	-0.04251	-0.01045	-0.04892	0.005461
0.016253	-0.08241	-0.0589	-0.06531	-0.0311	0.017432	0.003313	-0.01462	-0.04597	0.019028
-0.03702	-0.0744	-0.0166	-0.01297	-0.00556	0.009762	0.007521	-0.03458	-0.02838	-2.35E-06
-0.06308	-0.06475	-0.02195	-0.01545	-0.01828	-0.03319	-0.06078	-0.02294	0.013483	0.009409
0.003175	-0.0359	-0.02491	-0.01668	-0.03558	-0.05322	-0.0769	1.93E-04	-0.02941	-0.01248
0.025578	-0.01423	-0.01071	-0.03314	-0.01894	-0.01594	-0.04908	0.011692	-0.02961	-0.00178
-0.01489	-0.08107	-0.03185	-0.06786	-0.05304	0.007634	-0.0349	-0.0098	-0.03053	0.031576
-0.04549	-0.09622	-0.05937	-0.07834	-0.06417	-0.04153	-0.06395	-0.06295	-0.06905	-0.00202
-0.03613	-0.08241	-0.03855	-0.0323	-0.02922	-0.04499	-0.08065	-0.05588	-0.05774	-0.03352
-0.02679	-0.04549	0.002444	9.66E-04	-0.02653	-0.00158	-0.05874	0.005189	-0.00827	-0.0151
0.025762	0.036307	0.046193	-0.01791	-0.00871	0.037484	-0.0356	-0.01281	-0.03547	-0.04632
0.017961	-0.01674	-0.00246	-0.05337	-0.03672	0.023157	-0.0212	-0.02396	-0.06825	-0.07446
-0.04166	-0.09654	-0.05043	-0.03397	-0.02746	-0.01501	-0.06909	-0.03902	-0.0565	-0.07294
-0.06031	-0.08309	-0.0441	0.009095	-0.00805	-0.04602	-0.085	-0.01591	-0.01721	-0.04068
-0.06742	-0.07028	-0.04022	-0.01791	-0.08657	-0.02668	-0.03897	-0.01938	0.003378	-0.04861
-0.0393	-0.07288	-0.05155	-0.05624	-0.11769	-0.04563	-0.02438	-0.01496	-0.02366	-0.05271
-0.01731	-0.07044	-0.07265	-0.08828	-0.05223	-0.01376	-0.05089	-0.03061	-0.06026	-0.03198
-0.00559	-0.06794	-0.07089	-0.0488	-0.03806	-0.02083	-0.08198	-0.05556	-0.09645	-0.05594
-0.00954	-0.0493	-0.06259	0.004641	-0.07399	-0.04939	-0.0836	-0.05157	-0.06695	-0.07686
-0.04883	-0.03987	-0.01389	-0.00536	-0.06483	-0.04428	-0.03089	-0.06482	-0.03874	-0.08678
-0.07374	-0.04522	-0.00563	-0.0328	-0.05968	-0.0273	-0.03329	-0.05571	-0.06407	-0.09175
-0.07694	-0.10191	-0.05168	-0.06233	-0.06731	-0.00429	-0.07901	-0.04438	-0.04826	-0.06217
-0.03971	-0.08563	-0.08249	-0.04112	-0.05607	-0.03463	-0.08719	-0.06831	-0.04232	-0.05577
-0.04536	-0.04135	-0.09941	-0.04364	-0.09246	-0.06982	-0.02758	-0.05519	-0.03622	-0.07675

-0.05458	-0.02927	-0.08959	-0.0516	-0.09263	-0.08321	-0.00228	-0.03033	-0.03005	-0.09861
-0.04124	-0.06158	-0.04625	-0.02672	-0.07233	-0.05398	-0.03209	-0.03511	-0.0426	-0.09206
-0.05253	-0.0794	-0.05762	-0.02262	-0.04763	-0.01055	-0.04711	-0.04532	-0.05926	-0.06898
-0.04854	-0.0541	-0.09715	-0.02559	-0.0533	-0.01752	-0.06358	-0.05886	-0.03336	-0.03993
-0.05381	-0.02234	-0.07281	-0.04966	-0.04175	-0.02553	-0.05925	-0.06482	-0.02144	-0.04188
-0.05466	-0.0245	-0.04833	-0.04778	-0.07577	-0.04936	-0.02503	-0.02872	-0.01955	-0.05437
-0.06042	-0.09679	-0.08607	-0.05891	-0.09403	-0.06879	-0.04514	-0.03185	-0.03657	-0.09121
-0.08456	-0.1091	-0.10148	-0.04698	-0.08224	-0.05731	-0.08722	-0.06132	-0.02945	-0.08532
-0.09043	-0.06976	-0.09241	-0.01894	-0.07529	-0.07967	-0.09167	-0.08791	-0.01777	-0.04307
-0.08585	-0.06049	-0.09349	-0.01543	-0.10235	-0.10385	-0.0648	-0.08558	-0.03554	-0.04813
-0.09905	-0.08486	-0.07786	-0.04196	-0.10615	-0.06296	-0.06253	-0.08275	-0.02487	-0.058
-0.09134	-0.09896	-0.07772	-0.09221	-0.10526	-0.07391	-0.09434	-0.05969	-0.05745	-0.09019
-0.10036	-0.09862	-0.09583	-0.09141	-0.1096	-0.07318	-0.09953	-0.05999	-0.06698	-0.1182
-0.09326	-0.10138	-0.10719	-0.05459	-0.07357	-0.06082	-0.09451	-0.08129	-0.05698	-0.10032
-0.08015	-0.0491	-0.08558	-0.02904	-0.06708	-0.05317	-0.06801	-0.07138	-0.02417	-0.08168
-0.08437	-0.08688	-0.08539	-0.08849	-0.14715	-0.10127	-0.06518	-0.08095	-0.04541	-0.12394
-0.13075	-0.15398	-0.10436	-0.09633	-0.13699	-0.10822	-0.09693	-0.11195	-0.10705	-0.12017
-0.11473	-0.09531	-0.10376	-0.06924	-0.09093	-0.07779	-0.0807	-0.10784	-0.09712	-0.1148
-0.07096	-0.05225	-0.08315	-0.07629	-0.0781	-0.0871	-0.05237	-0.08699	-0.04677	-0.10291
-0.05248	-0.04265	-0.08428	-0.07475	-0.09941	-0.09424	-0.0488	-0.09633	-0.0684	-0.1055
-0.03006	-0.054	-0.12622	-0.08055	-0.10163	-0.10446	-0.06808	-0.11561	-0.08702	-0.12357
-0.0593	-0.04387	-0.10694	-0.06254	-0.10271	-0.09078	-0.08368	-0.13577	-0.07332	-0.13126
-0.08069	-0.00281	-0.04266	-0.03982	-0.07482	-0.07889	-0.06123	-0.13184	-0.08044	-0.10718
-0.08803	-0.02182	-0.00948	-0.01923	-0.07151	-0.07468	-0.03222	-0.09275	-0.07224	-0.09423
-0.06228	-0.05225	-0.06719	-0.00398	-0.05321	-0.04422	-0.00712	-0.048	-0.03372	-0.11643
-0.0556	-0.0362	-0.05372	0.014918	-0.01723	-0.02799	0.007718	-0.03079	-0.04641	-0.12553
-0.04414	-0.0294	-0.06896	-0.01347	-0.03848	-0.03527	-4.49E-04	-0.07225	-0.05826	-0.08771
-0.0559	-0.0302	-0.06341	-0.04035	-0.07063	-0.06311	-0.00399	-0.06422	-0.01559	-0.00369
-0.06132	-0.02411	-0.03639	-0.03181	-0.07982	-0.0487	-0.01834	-0.03258	-0.00631	-0.0091
-0.07828	-0.03167	-0.0595	-0.05256	-0.08654	-0.05501	-0.02456	-0.04479	-0.01408	-0.06569
-0.05662	-0.03318	-0.05981	-0.04921	-0.05516	-0.06157	-0.03946	-0.07947	-0.02789	-0.0775
-0.06213	-0.04966	-0.08837	-0.02877	-0.00628	-0.0527	-0.03996	-0.08058	-0.03345	-0.07284
-0.08631	-0.02843	-0.08125	-0.05822	-0.05696	-0.08773	-0.03517	-0.10159	-0.04799	-0.03857
-0.07408	-0.01408	-0.05062	-0.05206	-0.07818	-0.07041	-0.02216	-0.08297	-0.0586	-0.0243
-0.03861	-0.02825	-0.09891	-0.08803	-0.08215	-0.07708	-0.03505	-0.06899	-0.02514	-0.0351
-0.05184	-0.04425	-0.09114	-0.07585	-0.05792	-0.07638	-0.07407	-0.113	-0.05897	-0.07099
-0.06631	-0.03447	-0.05401	-0.0595	-0.0406	-0.06248	-0.06232	-0.08569	-0.07325	-0.09189
-0.06483	-0.0296	-0.04768	-0.07808	-0.06387	-0.1134	-0.08505	-0.07671	-0.06943	-0.0596
-0.07962	-0.03305	-0.074	-0.08036	-0.09684	-0.14379	-0.10081	-0.08072	-0.07487	-0.1096
-0.05208	-0.01028	-0.05993	-0.0813	-0.1233	-0.14249	-0.05925	-0.06077	-0.05326	-0.0914
0.001253	-0.02178	-0.04206	-0.04803	-0.0473	-0.08474	-0.0675	-0.08527	-0.07479	-0.10109
-0.04455	-0.03168	-0.04655	-0.03333	-0.03062	-0.10718	-0.06501	-0.10756	-0.08358	-0.06225
-0.04757	-0.00334	-0.02841	-0.02916	-0.0576	-0.10955	-0.06323	-0.09714	-0.09449	-0.05756
0.013853	0.047592	-0.01697	-0.02586	-0.05733	-0.08775	-0.03387	-0.05452	-0.05694	-0.06422
0.068375	0.049219	-0.0349	-0.02971	-0.01189	-0.0502	-0.02858	-0.08664	-0.04719	-0.07335
0.057324	0.020825	-0.01423	-0.03037	0.013399	-0.02929	-0.04607	-0.08114	-0.06862	-0.07524
0.035715	0.053704	0.049313	0.003463	-0.00155	-0.04302	-0.0493	-0.0662	-0.08738	-0.07609

0.046396	0.067935	0.039935	-0.01425	-0.02383	-0.05762	-0.03792	-0.04493	-0.07787	-0.06547
0.111463	0.099295	0.037917	-0.02237	-0.05003	-0.08534	-0.03953	-0.0494	-0.0612	-0.09961
0.187372	0.134321	0.081314	0.023991	0.001021	-0.05995	-0.04237	-0.09855	-0.08899	-0.12994
0.155444	0.123473	0.12869	0.101848	0.070407	-0.01074	-0.04789	-0.08995	-0.10196	-0.108
0.170256	0.167607	0.139463	0.113177	0.076492	-0.00237	-0.00422	-0.03964	-0.09623	-0.06582
0.210177	0.225244	0.155623	0.088748	0.074462	1.72E-04	0.004074	-0.02542	-0.0919	-0.08417
0.231603	0.2331	0.182887	0.108779	0.081899	0.027929	0.021308	-0.04769	-0.06791	-0.0875
0.217478	0.173078	0.210523	0.149425	0.128301	0.044444	0.05068	-0.02983	-0.05223	-0.06459
0.179971	0.163123	0.266687	0.254343	0.189327	0.072381	0.044747	-0.00314	-0.04075	-0.06077
0.188385	0.243509	0.284149	0.245576	0.206194	0.073386	0.060611	0.033102	0.00293	-0.02235
0.16	0.250988	0.245092	0.261913	0.251573	0.151501	0.126815	0.048262	0.015685	-0.01917
0.137526	0.15979	0.215118	0.288837	0.2938	0.251374	0.189586	0.048882	0.031316	-0.0148
0.123849	0.097086	0.213063	0.227506	0.239693	0.304432	0.222764	0.12296	0.063724	0.006972
0.071644	0.11947	0.218281	0.169278	0.102643	0.27852	0.254188	0.209225	0.125919	0.08078
0.082626	0.145662	0.200178	0.216091	0.170556	0.269629	0.306184	0.264431	0.179775	0.153405
0.051564	0.091352	0.138049	0.23874	0.236674	0.272042	0.324726	0.281142	0.185909	0.186801
0.026624	-0.00291	0.081773	0.191074	0.266258	0.304665	0.308616	0.329481	0.303907	0.291331
0.041033	-0.0048	0.095108	0.131101	0.168319	0.275706	0.319652	0.370548	0.403321	0.372162
0.018183	0.015077	0.083038	0.10021	0.091046	0.218227	0.294414	0.371805	0.396563	0.392437
0.044915	0.007509	0.034053	0.084087	0.056693	0.160991	0.271391	0.350663	0.374554	0.400495
0.028353	4.35E-04	0.025398	0.095894	0.072328	0.138638	0.222409	0.283666	0.375518	0.424405
-0.04282	-0.06578	-0.01298	0.082127	0.110633	0.165066	0.17697	0.189789	0.310623	0.356071
-0.09742	-0.09942	-0.05236	-0.02495	0.011406	0.107673	0.110657	0.153266	0.239281	0.230413
-0.10695	-0.11145	-0.03697	-0.06869	-0.08215	0.008224	0.056211	0.089252	0.189039	0.175499
-0.10663	-0.12709	-0.07929	-0.07753	-0.1644	0.001817	0.032036	0.055709	0.152755	0.172514
-0.07794	-0.11798	-0.08838	-0.07098	-0.11611	-0.00876	0.022629	-0.01097	0.055156	0.126099
-0.12876	-0.14211	-0.12663	-0.11349	-0.11722	-0.03112	-0.03706	-0.01401	0.029987	0.106327
-0.14865	-0.18143	-0.13026	-0.15851	-0.10643	-0.05373	-0.0531	-0.01874	0.06247	0.037476
-0.09762	-0.13623	-0.10662	-0.11929	-0.09798	-0.0563	-0.05291	-0.05655	0.043704	0.008968
-0.08427	-0.12092	-0.11036	-0.082	-0.12345	-0.09194	-0.05042	-0.03623	0.013383	0.001352
-0.10396	-0.13289	-0.13449	-0.09132	-0.12046	-0.09199	-0.06699	-0.07594	-0.02099	-0.00398
-0.10297	-0.1083	-0.12842	-0.08811	-0.10897	-0.1006	-0.10599	-0.08458	-0.04865	-0.02086
-0.06224	-0.07961	-0.11522	-0.09759	-0.12465	-0.13146	-0.1022	-0.08319	-0.03845	-0.04381
-0.07482	-0.06591	-0.10709	-0.05457	-0.1066	-0.11379	-0.04844	-0.0606	-0.04291	-0.06122
-0.09411	-0.09382	-0.11228	-0.05204	-0.0901	-0.10507	-0.04511	-0.06394	-0.02401	-0.04768
-0.1077	-0.07293	-0.10014	-0.05053	-0.08762	-0.08276	-0.06403	-0.09484	-0.02607	-0.04049
-0.11387	-0.0224	-0.07965	-0.063	-0.09969	-0.08841	-0.04303	-0.07271	-0.03097	-0.01402
-0.10008	-0.03706	-0.06441	-0.05347	-0.10188	-0.104	-0.02264	-0.05232	-0.04091	-0.0666
-0.06351	-0.03845	-0.07089	-0.04458	-0.06016	-0.1087	-0.01993	-0.06069	-0.05185	-0.05997
-0.05866	-0.07202	-0.09255	-0.05189	-0.01204	-0.03716	-0.01817	-0.07475	-0.04209	-0.04562
-0.05962	-0.05954	-0.0738	-0.02502	-0.05235	-0.06191	-0.05849	-0.06508	-0.04569	-0.03305
0.01909	0.014482	-0.01374	-0.004	-0.06564	-0.11179	-0.03078	-0.02784	-0.03363	-0.05002
0.087892	0.07255	0.018298	0.037607	-0.05362	-0.12245	-0.04131	-0.02922	-0.03165	-0.05406
0.106646	0.119647	0.064666	0.10002	0.02771	-0.05157	-0.04347	-0.05869	-0.0172	-0.09593
0.144475	0.187052	0.139542	0.114915	0.033387	0.002419	-0.03517	-0.08796	-0.03867	-0.07704
0.253172	0.218826	0.138023	0.108103	0.066591	0.009663	0.002068	-0.03324	-0.03391	0.01011
0.274667	0.208985	0.094706	0.132963	0.147445	0.062035	0.073238	0.016306	-0.02322	-0.02289

0.226399	0.214223	0.180863	0.204034	0.185196	0.130322	0.092082	0.009891	0.028021	0.007311
0.183729	0.230846	0.247809	0.229353	0.137649	0.130661	0.105378	-0.00661	0.066355	0.033202
0.187253	0.195651	0.220994	0.211657	0.159733	0.143931	0.155074	0.088456	0.088326	0.031029
0.182787	0.146198	0.090305	0.178347	0.206872	0.152432	0.186784	0.170479	0.085772	-0.01011
0.12014	0.103333	0.090516	0.180566	0.217118	0.172155	0.153722	0.164191	0.099184	-0.00332
0.050283	0.080383	0.137997	0.171339	0.159345	0.183554	0.140461	0.110889	0.137905	0.029453
0.049308	0.079739	0.09525	0.09039	0.03461	0.115839	0.104221	0.108602	0.155571	0.088929
0.055212	0.072527	0.026407	0.054769	-0.01105	0.056656	0.131186	0.153837	0.130104	0.060803
0.045387	0.030454	0.009462	0.098979	0.073371	0.103683	0.134545	0.123442	0.118177	0.05988
0.025947	-0.03639	-8.34E-04	0.07002	0.089536	0.093938	0.103166	0.080224	0.142127	0.108285
-0.02905	-0.05589	-0.02713	-0.01292	-0.02046	0.046674	0.022813	0.029613	0.108005	0.068859
-0.02433	-0.04807	-0.01743	-0.03746	-0.03817	0.014168	-0.00188	-0.00152	0.028682	-0.00846
-0.0202	-0.06694	-0.06361	-0.06797	-0.07207	0.015907	0.010957	0.018692	-0.05103	-0.07716
-0.04201	-0.08615	-0.04426	-0.08204	-0.0858	0.012495	-0.02749	-0.04965	-0.05694	-0.07256
-0.06642	-0.07448	-3.21E-04	-0.01599	-0.04767	-0.01224	-0.07604	-0.03917	-0.06625	-0.04829
-0.07925	-0.08497	-0.05173	-0.06631	-0.01191	-0.02777	-0.08307	-0.06403	-0.09507	-0.0615
-0.04392	-0.0462	-0.06064	-0.091	-0.06682	-0.05126	-0.03794	-0.06424	-0.12421	-0.07515
-0.01661	-0.08063	-0.02539	-0.01158	-0.03071	-0.05787	-0.04343	-0.06363	-0.10923	-0.05997
-0.08535	-0.10062	-0.01561	-0.04206	-0.02429	-0.05085	-0.07392	-0.05213	-0.11689	-0.05994
-0.08623	-0.0687	-0.01148	-0.04392	-0.05958	-0.10756	-0.0756	-0.01784	-0.0962	-0.04512
-0.0378	-0.04349	-0.07347	-0.05375	-0.04435	-0.11321	-0.05238	-0.01248	-0.05175	-0.01857
-0.02847	-0.06745	-0.10156	-0.10553	-0.05034	-0.07906	-0.0244	-0.06243	-0.0507	-0.03139
-0.02851	-0.0627	-0.06706	-0.09945	-0.03628	-0.02822	-0.01563	-0.05521	-0.06059	-0.05264
-0.08345	-0.07713	-0.03901	-0.06909	-0.03521	-0.05631	-0.03145	-0.00295	-0.02849	-0.02229
-0.12511	-0.09599	-0.05485	-0.01423	-0.06118	-0.09965	-0.01921	-0.01672	-0.01237	-0.01478
-0.12254	-0.09117	-0.0863	-0.04307	-0.04979	-0.02719	-9.12E-04	-0.021	0.015384	-0.02576
-0.10186	-0.12197	-0.12743	-0.12404	-0.06209	-0.04388	-0.06243	-0.11035	-0.02551	-0.01002
-0.12563	-0.12758	-0.11175	-0.12826	-0.08365	-0.1229	-0.10319	-0.14504	-0.07534	-0.01522
-0.17858	-0.11526	-0.12153	-0.15357	-0.10087	-0.14104	-0.09284	-0.15826	-0.10687	-0.07873
-0.22891	-0.18253	-0.12883	-0.12397	-0.13252	-0.17754	-0.15957	-0.17356	-0.14013	-0.15969
-0.20602	-0.20971	-0.19294	-0.12084	-0.17562	-0.21536	-0.23188	-0.20796	-0.17375	-0.17317
-0.1492	-0.18014	-0.16306	-0.16802	-0.23076	-0.22692	-0.2528	-0.22735	-0.18494	-0.18431
-0.14223	-0.13724	-0.14464	-0.14561	-0.21289	-0.20685	-0.23336	-0.20937	-0.19134	-0.18077
-0.1701	-0.14611	-0.13886	-0.1203	-0.15146	-0.16664	-0.17578	-0.13841	-0.17486	-0.17948
-0.15399	-0.15506	-0.11408	-0.1073	-0.14544	-0.14419	-0.12987	-0.11844	-0.15856	-0.15317
-0.14317	-0.16375	-0.12391	-0.12358	-0.17719	-0.15103	-0.15325	-0.1615	-0.20053	-0.12644
-0.09662	-0.12502	-0.12743	-0.11665	-0.13958	-0.13119	-0.15393	-0.16705	-0.21916	-0.18126
0.219459	0.083924	-0.0497	-0.08875	-0.13975	-0.13716	-0.14472	-0.15723	-0.17403	-0.2052
1.393394	0.648511	0.181729	0.040965	-0.09566	-0.10906	-0.12176	-0.13164	-0.13697	-0.18512
0	0.090865	0.942266	0.577407	0.227578	0.046717	-0.02562	-0.09724	-0.09282	-0.1548
0	0	0	0.113789	1.623144	0.543727	0.363876	0.17269	0.056521	-0.05213
0	0	0	0	0	0	0.086345	1.265242	0.674818	0.329911
0	0	0	0	0	0	0	0	0	0.026547
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Table 1: Data for 260 to 269									
260	261	262	263	264	265	266	267	268	269
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0.221685	2.092925	1.562334	1.267115	1.071864	0.96627	0.826521	0.873175	0.870099
0.613087	0.51701	0.44337	0.400935	0.344481	0.331003	0.311882	0.24173	0.274002	0.296519
0.229822	0.244096	0.207106	0.174463	0.156179	0.123855	0.131048	0.105144	0.124151	0.143337
0.114397	0.139314	0.093274	0.037007	0.057986	0.050966	0.061747	0.040186	0.021538	0.046532
0.037642	0.021491	0.022578	-0.02453	-0.00265	0.064418	0.056994	0.032717	-0.01676	0.002043
-0.0119	-0.04923	-0.046	-0.04261	-0.04488	0.022675	0.01234	0.027884	-0.00593	-0.01848
-0.05008	-0.0519	-0.10272	-0.07935	-0.07538	-0.02275	-0.08479	-0.04063	-0.04282	-0.0314
-0.11635	-0.04055	-0.10879	-0.0921	-0.08183	-0.03679	-0.10648	-0.06597	-0.1002	-0.06778
-0.08649	-0.07743	-0.12564	-0.11731	-0.10861	-0.07807	-0.06708	-0.0623	-0.1032	-0.10626
-0.09773	-0.12456	-0.10467	-0.1216	-0.10626	-0.11427	-0.12123	-0.10925	-0.08959	-0.09668
-0.09013	-0.12386	-0.08845	-0.08984	-0.07677	-0.12866	-0.15014	-0.11067	-0.05845	-0.06431
-0.09396	-0.09092	-0.05458	-0.04104	-0.04648	-0.13771	-0.19533	-0.19712	-0.12314	-0.07623
-0.11031	-0.1062	-0.05962	-0.04844	-0.05999	-0.11976	-0.19196	-0.2598	-0.28531	-0.12531
-0.07894	-0.08367	-0.05214	-0.03735	-0.08573	-0.05828	-0.05568	-0.11665	-0.1977	-0.11169
-0.11615	-0.07968	-0.08194	-0.06619	-0.08957	-0.08076	-0.02014	-0.0494	-0.07826	-0.06319
-0.10567	-0.09546	-0.09174	-0.08535	-0.11096	-0.116	-0.10046	-0.07373	-0.08382	-0.08102

-0.05373	-0.11126	-0.08005	-0.1072	-0.15246	-0.11422	-0.14795	-0.10918	-0.15285	-0.11498
-0.11052	-0.15159	-0.0851	-0.14207	-0.13132	-0.10727	-0.15695	-0.12057	-0.15969	-0.13817
-0.11051	-0.13714	-0.10156	-0.14059	-0.15566	-0.12859	-0.11021	-0.0895	-0.12165	-0.118
-0.13204	-0.14569	-0.10732	-0.12277	-0.14906	-0.12048	-0.1084	-0.09786	-0.11097	-0.11386
-0.14401	-0.15686	-0.12363	-0.16413	-0.11015	-0.11422	-0.12607	-0.09539	-0.11133	-0.09565
-0.12107	-0.11924	-0.117	-0.17316	-0.10082	-0.09642	-0.13944	-0.09308	-0.12288	-0.11445
-0.09644	-0.10517	-0.10831	-0.15207	-0.12631	-0.10744	-0.1297	-0.0676	-0.0779	-0.11529
-0.11747	-0.11778	-0.11467	-0.13381	-0.11494	-0.09454	-0.11795	-0.08488	-0.06879	-0.11435
-0.10278	-0.09391	-0.09462	-0.1349	-0.08972	-0.10163	-0.12161	-0.0983	-0.11309	-0.11009
-0.11226	-0.09432	-0.11857	-0.17314	-0.09455	-0.1104	-0.12273	-0.06219	-0.12885	-0.13517
-0.16894	-0.10651	-0.12354	-0.15929	-0.11453	-0.09467	-0.08276	-0.03218	-0.08235	-0.13876
-0.13252	-0.1198	-0.14379	-0.15376	-0.13574	-0.11193	-0.13325	-0.10592	-0.10364	-0.15139
-0.12999	-0.11738	-0.11566	-0.16341	-0.13723	-0.14649	-0.15121	-0.12751	-0.12764	-0.15513
-0.16024	-0.13357	-0.13963	-0.15519	-0.11246	-0.14571	-0.13102	-0.12851	-0.16369	-0.10686
-0.16552	-0.151	-0.16981	-0.15746	-0.10889	-0.168	-0.10885	-0.13396	-0.18477	-0.15121
-0.16472	-0.14534	-0.17038	-0.16561	-0.13044	-0.17229	-0.15167	-0.13009	-0.13312	-0.17221
-0.14182	-0.14466	-0.14108	-0.15822	-0.15207	-0.15877	-0.15405	-0.12146	-0.12667	-0.12964
-0.14106	-0.12582	-0.10725	-0.11287	-0.15107	-0.17408	-0.11715	-0.10357	-0.1508	-0.11923
-0.12806	-0.12549	-0.13853	-0.12577	-0.13388	-0.13867	-0.09306	-0.11707	-0.1303	-0.11635
-0.11482	-0.11579	-0.14847	-0.13822	-0.11664	-0.1267	-0.09303	-0.11148	-0.11355	-0.08348
-0.13124	-0.09333	-0.12196	-0.12302	-0.10241	-0.11027	-0.08163	-0.10076	-0.11057	-0.08606
-0.11758	-0.08334	-0.08948	-0.08464	-0.13496	-0.1375	-0.08671	-0.13299	-0.11023	-0.08889
-0.1208	-0.11781	-0.09398	-0.08985	-0.14235	-0.15104	-0.1059	-0.14249	-0.1083	-0.11264
-0.11497	-0.12731	-0.15354	-0.11589	-0.14373	-0.11816	-0.11969	-0.141	-0.13463	-0.11902
-0.14086	-0.12318	-0.14147	-0.10919	-0.12809	-0.12986	-0.12157	-0.13035	-0.10431	-0.09538
-0.11523	-0.13045	-0.13021	-0.11265	-0.12357	-0.10813	-0.10369	-0.10697	-0.06763	-0.09057
-0.10466	-0.13071	-0.10215	-0.1218	-0.15389	-0.09532	-0.11465	-0.09392	-0.06031	-0.11129
-0.09897	-0.14614	-0.10397	-0.12618	-0.14539	-0.09313	-0.11873	-0.0901	-0.08789	-0.13435
-0.11511	-0.16552	-0.1185	-0.09355	-0.11395	-0.07815	-0.10964	-0.09215	-0.07568	-0.1142
-0.10021	-0.13109	-0.10189	-0.09721	-0.14816	-0.10908	-0.10078	-0.08522	-0.07787	-0.12283
-0.07401	-0.09974	-0.08076	-0.1242	-0.11715	-0.09375	-0.10882	-0.08538	-0.10638	-0.13714
-0.08787	-0.12426	-0.10032	-0.12675	-0.08081	-0.07351	-0.11	-0.07515	-0.11213	-0.1129
-0.09434	-0.16038	-0.08766	-0.08666	-0.07213	-0.10009	-0.15546	-0.10698	-0.10476	-0.09351
-0.06743	-0.11387	-0.0472	-0.04526	-0.07961	-0.09489	-0.13178	-0.06881	-0.0629	-0.08871
-0.06303	-0.12451	-0.05081	-0.07703	-0.05869	-0.03643	-0.07881	-0.02628	-0.05322	-0.08464
-0.05483	-0.07108	-0.077	-0.12801	-0.06901	-0.01829	-0.06681	-0.03487	-0.06281	-0.07529
-0.07432	-0.11879	-0.13775	-0.13998	-0.0736	-0.05557	-0.09973	-0.05361	-0.07389	-0.04944
-0.08806	-0.14324	-0.10678	-0.09811	-0.04858	-0.05771	-0.10844	-0.05119	-0.06011	-0.02232
-0.08495	-0.0729	-0.04844	-0.10043	-0.06113	-0.07357	-0.11166	-0.06836	-0.06996	-0.04347
-0.06979	-0.03835	-0.05348	-0.12899	-0.085	-0.0745	-0.06729	-0.0686	-0.08273	-0.05526
-0.08599	-0.05821	-0.0898	-0.11895	-0.06879	-0.08695	-0.06341	-0.07414	-0.06775	-0.04212
-0.1159	-0.08127	-0.0898	-0.10841	-0.07571	-0.11158	-0.0833	-0.0865	-0.06825	-0.05597
-0.11315	-0.06955	-0.0757	-0.12892	-0.09529	-0.11143	-0.05174	-0.06733	-0.07891	-0.07018
-0.07097	-0.06479	-0.08436	-0.09285	-0.06771	-0.06744	-0.03949	-0.06403	-0.04932	-0.03453
-0.06403	-0.06558	-0.10061	-0.07311	-0.06133	-0.05637	-0.05477	-0.10497	-0.06085	-0.03513
-0.08569	-0.05369	-0.09475	-0.04215	-0.06228	-0.06658	-0.0665	-0.09895	-0.05609	-0.06368
-0.0884	-0.02476	-0.06347	-0.02583	-0.09576	-0.10565	-0.05635	-0.10027	-0.07016	-0.1007

-0.07069	-0.02062	-0.09573	-0.05341	-0.08063	-0.06606	-0.02793	-0.09973	-0.06924	-0.0767
-0.07226	-0.04836	-0.10138	-0.07306	-0.0509	-0.02574	-0.0411	-0.08369	-0.0183	-0.04974
-0.05373	-0.07253	-0.06411	-0.03941	-0.06733	-0.02215	-0.06908	-0.09269	-0.00591	-0.0269
-0.04766	-0.07652	-0.08401	-0.04232	-0.09522	-0.0365	-0.06599	-0.05998	-0.04299	-0.05286
-0.03728	-0.07114	-0.08788	-0.07026	-0.1148	-0.03313	-0.04232	-0.04864	-0.09852	-0.11053
-0.03543	-0.03166	-0.05878	-0.05205	-0.09386	-0.05231	-0.04576	-0.06054	-0.08532	-0.09654
-0.04492	-0.0238	-0.05472	-0.03729	-0.04606	-0.05936	-0.07226	-0.05239	-0.04347	-0.06424
-0.04371	-0.08792	-0.06481	-0.06337	-0.05875	-0.03306	-0.07783	-0.04801	-0.07089	-0.07885
-0.05576	-0.08556	-0.04451	-0.08565	-0.09059	-0.01173	-0.06516	-0.05937	-0.10773	-0.09882
-0.05924	-0.08548	-0.07204	-0.08735	-0.10663	-0.03194	-0.0763	-0.06896	-0.13136	-0.11098
-0.0471	-0.06031	-0.06197	-0.07619	-0.10184	-0.06353	-0.07395	-0.0438	-0.08132	-0.07566
-0.03285	-0.02895	-0.02106	-0.06226	-0.09453	-0.08758	-0.08021	-0.04692	-0.06561	-0.03929
-0.05091	-0.06931	-0.02248	-0.05138	-0.0515	-0.0695	-0.06117	-0.06448	-0.06897	-0.02186
-0.06012	-0.07344	-0.01967	-0.08105	-0.04079	-0.04035	-0.01238	-0.06871	-0.10664	-0.04885
-0.04787	-0.08423	-0.06849	-0.12473	-0.04158	-0.05664	-0.05645	-0.06586	-0.10556	-0.05146
-0.03892	-0.09708	-0.05419	-0.09214	-0.02013	-0.06019	-0.08453	-0.04281	-0.05145	-0.01996
-0.05788	-0.07727	-0.01325	-0.05587	-0.03152	-0.07742	-0.09318	-0.02564	-0.04518	0.00171
-0.07767	-0.04895	-0.02557	-0.07438	-0.04757	-0.10147	-0.0793	-0.05046	-0.05142	-0.03142
-0.08617	-0.04958	-0.05317	-0.10472	-0.03043	-0.06651	-0.05387	-0.07819	-0.05803	-0.05151
-0.04835	-0.04643	-0.01768	-0.0517	-0.0129	-0.01975	-0.01812	-0.06438	-0.05733	-0.00694
-0.04867	-0.05888	-0.028	-0.02738	-0.02322	-0.07393	-0.02286	-0.00214	-0.02994	-0.01138
-0.08604	-0.03319	-0.04081	-0.05296	-0.03185	-0.09582	-0.02439	-0.00122	-0.0292	-0.05144
-0.08363	-0.02076	-0.05081	-0.06151	-0.05839	-0.1028	-0.02555	-0.04865	-0.01081	-0.03536
-0.05641	-0.01392	-0.08018	-0.10316	-0.0422	-0.06526	-0.03161	-0.08586	-0.02691	-0.03269
-0.06276	-0.01575	-0.05658	-0.07207	-0.00736	-0.03506	-0.02773	-0.08345	-0.02829	-0.00937
-0.09473	-0.06749	-0.05467	-0.03716	-0.03236	-0.06553	-0.02212	-0.05292	-0.01497	-0.01487
-0.09456	-0.08605	-0.07547	-0.00434	-0.05722	-0.10103	-0.02049	-0.0586	-0.03194	-0.08316
-0.05948	-0.03627	-0.06185	-0.0189	-0.04659	-0.07601	-0.02624	-0.0684	-0.04776	-0.10441
-0.03231	-0.02997	-0.07568	-0.03066	-0.03638	-0.03139	-0.05585	-0.09397	-0.05711	-0.08148
-0.0469	-0.01189	-0.06506	-0.04982	-0.05351	-0.0548	-0.07091	-0.09693	-0.03456	-0.05175
-0.0393	-0.00995	-0.04731	-0.02659	-0.03431	-0.03155	-0.02795	-0.05683	-0.02325	-0.05221
-0.03844	-0.04684	-0.03449	-0.02915	-0.05722	-0.01537	-0.00791	-0.03236	-0.028	-0.08904
-0.05836	-0.09642	-0.04788	-0.05568	-0.09521	-0.05064	-0.05278	-0.0413	-0.07895	-0.12228
-0.02732	-0.09648	-0.05867	-0.04164	-0.05549	-0.05171	-0.09343	-0.06524	-0.0708	-0.10095
-0.02663	-0.01909	-0.02703	-0.01668	-0.03476	-0.04534	-0.08682	-0.07552	-0.01942	-0.04442
-0.06172	-0.0121	-0.00756	-0.01184	-0.06809	-0.00683	-0.02137	-0.01293	-0.03037	-0.05662
-0.06644	-0.04575	-0.02432	-0.00109	-0.06624	-0.0032	-0.01402	-0.00537	-0.04118	-0.04907
-0.01828	-0.05287	-0.03569	-0.00736	-0.04713	-0.01471	-0.02541	-0.00775	-0.02314	-0.01362
-0.00919	-0.06011	-0.07885	-0.03672	-0.04502	0.001496	-0.04789	-0.01824	-0.01289	-0.00653
-0.00957	-0.04976	-0.04132	0.004461	-0.03375	0.019143	-0.03296	-0.01802	0.010405	-0.0129
0.008733	-0.01223	0.030009	0.016069	-0.02475	0.022552	-0.00186	0.00151	-0.01532	-0.02379
-0.03332	-0.0344	0.021883	-0.01636	0.008513	0.008185	-0.01613	0.008656	-0.03859	-0.03305
-0.04191	-0.07683	-0.01284	-0.05205	-0.00521	-0.0096	-0.06772	-0.01006	-0.03835	-0.01945
-0.02786	-0.06155	-0.02573	-0.05401	-0.03223	-0.04345	-0.07724	0.002117	-0.01326	0.00224
0.007303	-0.0114	-0.02274	-0.0321	-0.05204	-0.00831	-0.02448	0.024341	0.012075	-0.01647
0.006273	-0.07316	-0.02648	-0.02002	-0.02229	0.021799	-0.00948	0.009134	-0.02749	-0.02427
-0.00678	-0.10945	-0.03844	-0.03653	0.001168	0.020155	-0.02867	-0.01289	-0.05991	-0.02587

-0.00339	-0.11084	-0.04766	-0.07597	-0.02214	-0.01507	-0.06896	-0.03808	-0.01999	-0.01008
-0.01371	-0.06811	-0.00601	-0.05774	-0.02051	-0.01977	-0.04617	-0.01695	-0.01687	0.011635
0.018856	0.021162	0.012424	-0.03831	-0.00102	-0.00296	0.004706	0.019968	-0.02976	0.014354
-0.00395	0.03327	-0.01556	-0.02346	0.013964	8.36E-04	0.026163	0.011031	-0.02086	-0.01337
-0.08824	-0.0515	-0.05492	-0.02191	0.04456	0.019628	0.035143	-0.03147	-0.03784	-0.01083
-0.08553	-0.0436	-0.00141	-0.00161	0.039804	-0.01288	0.012933	-0.01556	-0.01515	0.021484
-0.06019	-0.04326	0.009813	-0.02369	0.034169	-0.01277	0.009094	0.033896	0.021171	0.019701
-0.06584	-0.03767	-0.05235	-0.06453	0.01119	0.011171	0.028247	0.001666	9.07E-04	0.017172
-0.02593	-0.00757	-0.03888	-0.01194	0.00947	0.006218	0.03533	-0.02198	-0.02115	0.013365
-0.04557	-0.00809	-0.034	-0.00253	0.004016	-0.02396	-0.00691	-0.05248	-0.02318	-0.00243
-0.02831	0.019483	-0.02067	-0.00558	-0.03801	-0.05545	0.013982	-0.01608	0.007321	-0.03927
0.029032	0.031418	-0.011	-0.02186	-0.01599	-0.01098	0.054724	0.011932	0.024253	-0.03182
0.037685	0.04579	0.013686	-0.00355	0.040575	0.06051	0.055574	-0.02404	0.055435	0.028357
0.017169	0.033671	-0.04577	0.009342	0.006824	0.052491	0.054659	-0.03702	0.070003	0.064774
-0.03215	-0.00628	-0.06145	0.016528	-0.04648	0.00614	0.049681	0.016914	0.073063	0.04218
-0.00914	0.017505	-0.02115	0.022838	-0.06998	-0.04054	0.022044	0.004456	0.04309	-0.02552
-0.00271	0.012127	-0.04007	0.019987	-0.07526	-0.03429	0.008448	-0.04367	0.026697	-0.00962
-0.00837	8.42E-04	-0.0241	0.025771	-0.02859	0.032277	0.021137	-0.04986	-0.00865	0.018292
0.026455	0.024024	0.01039	0.028403	0.026235	0.057806	0.019066	0.014628	0.003653	0.046815
0.022351	0.02258	0.04048	0.025878	-0.02875	0.02566	-0.01333	0.041858	0.02221	0.038534
0.023605	-0.01147	0.031259	0.03515	-0.03312	0.035875	0.010173	0.039694	-0.0199	-0.02208
0.054551	-0.00207	-0.00411	0.020703	0.01463	0.010418	0.031434	0.032296	5.97E-04	-0.00303
0.050131	0.014869	0.025638	0.023219	0.029024	0.024758	0.010704	0.029009	0.013631	0.026275
0.017839	0.004341	0.039245	-0.0238	0.023341	0.025311	0.005814	0.051614	0.019325	0.057282
-0.01736	-0.03512	0.028616	-0.03234	0.014408	0.012802	0.009918	0.037306	-0.0392	0.033099
0.020161	-0.04831	0.035624	-5.46E-04	1.51E-04	0.01771	-0.02455	0.016468	-0.05475	-0.0143
0.037664	-0.0376	0.018565	0.015006	-0.005	0.007673	-0.07008	0.027011	0.001937	-0.00449
0.008753	-6.83E-04	0.006487	-0.00988	0.011772	-0.02364	-0.08168	0.020867	0.054951	0.041535
0.003827	0.023281	0.007139	-0.04319	0.031179	-0.00456	-0.03075	0.028342	0.047584	0.059429
-0.02589	-0.04496	-0.01076	-0.04896	-0.00515	0.034994	0.020432	0.043128	0.018778	0.060551
-0.0469	-0.07339	-0.00624	-0.02453	-0.00621	0.039461	0.038108	0.033348	0.004846	0.027294
-0.0348	-0.02612	0.019499	-0.00663	0.018648	0.019568	0.028801	0.064074	0.026862	0.017456
-0.04003	0.013093	0.034697	-0.0112	0.027981	-0.00637	-0.01015	0.039202	-0.00169	0.018169
-0.01607	0.041362	0.037314	-0.01672	0.00991	-0.05055	-0.04808	-0.02522	-0.06258	-0.0265
-0.01742	0.006914	0.007949	-0.04137	0.030425	-0.02433	-0.00964	-4.44E-04	-0.04446	-0.01299
-0.08794	-0.00385	-0.00666	-0.03361	0.037307	0.02603	0.027858	0.026119	-0.02563	0.023976
-0.08218	0.007709	0.018058	0.001244	0.036011	0.02482	0.075892	0.052318	-0.01463	-1.70E-04
-0.02523	0.013818	-0.00172	0.011938	0.005082	0.001554	0.097184	0.080128	0.044869	-0.00626
-0.0402	-0.0166	-0.05718	-0.05073	-0.03241	0.022654	0.117078	0.052714	0.065115	0.011233
-0.04865	-0.01715	-0.05854	-0.04386	-0.01731	0.019022	0.138508	0.016144	0.034344	0.028107
-0.02798	-0.00468	-0.06459	0.004563	0.00953	-0.00962	0.075367	0.057699	0.062825	0.028545
-0.02209	0.012811	-0.05672	0.007007	-0.03557	-0.01693	0.037648	0.061908	0.087771	0.044903
-0.00385	-0.00447	-0.0461	0.010741	-0.03808	0.004534	0.007939	0.023516	0.079877	0.003617
-0.02588	-0.03661	-0.07117	0.011979	-0.02177	0.021616	-0.0097	-0.03519	0.076145	0.034282
-0.03995	-0.01042	-0.03696	0.008009	-0.03695	-0.01797	-0.0434	-0.03772	0.113507	0.100911
-0.03032	0.009004	-0.01301	0.033063	-0.0307	-0.02519	-0.01489	-0.00537	0.087084	0.04902
-0.03926	0.021881	0.00564	0.011133	-0.04076	0.002759	0.006242	-0.01193	0.018071	-0.04396

-0.01432	-0.02647	-0.04293	-0.04784	-0.04966	0.017529	-0.01256	-0.02182	-0.00665	-0.04956
-0.03767	-0.04621	-0.03961	-0.00199	-0.03557	-0.05762	-0.07037	0.005127	-0.00486	-0.0412
-0.05152	-0.00181	-0.01985	0.00715	-0.01153	-0.07509	-0.0778	-0.02215	-0.00901	-0.0402
-0.03749	0.002942	-0.02388	-0.01973	-0.04502	-0.03277	-0.02117	-0.04027	0.010842	-0.04189
-0.01195	-0.03337	-0.02745	-0.0397	-0.07357	-0.01045	-0.01594	-0.04911	-0.03126	-0.06439
0.011507	-0.04714	-0.05743	-0.06267	-0.06284	-0.01492	-0.04684	-0.02404	-0.04248	-0.0651
-0.00501	-0.04411	-0.04014	-0.02409	-0.02372	-0.01632	-0.07801	-0.02652	-0.03318	-0.05219
-0.00106	-0.05228	-0.01057	0.00288	-0.04951	0.016764	-0.03544	-0.00515	0.011001	-0.02961
0.022577	-0.03566	0.014047	-0.03385	-0.05663	0.026955	-0.01544	0.022919	0.035541	-0.03506
-0.01188	-0.04962	0.010688	-0.04653	-0.01399	0.027758	0.004532	0.022878	-0.02961	-0.05621
-0.02846	-0.10517	-0.00718	-0.0205	0.003819	-0.00415	-0.05038	-0.00786	-0.03951	-0.01681
-0.01186	-0.08801	-0.00933	0.015589	-0.01729	-0.02495	-0.04164	0.008974	-0.06152	0.007518
0.034782	-0.00926	0.008325	0.028682	-0.02253	0.006238	-0.00949	0.033075	-0.00793	0.040074
0.022167	0.02485	0.046536	-0.00418	-0.00706	0.02968	-0.00512	0.029781	0.026265	0.04231
-0.00688	0.00759	0.007297	-0.06133	-0.00449	0.027078	0.008017	-0.01708	-0.03399	0.015831
-0.01592	-0.02669	-0.01193	-0.04737	0.005912	-0.01933	0.005658	-0.02211	-0.05114	-0.00429
0.004851	-0.03801	-0.00409	-0.06173	-0.03183	-0.06977	-0.03737	-0.02927	-0.03959	-0.01949
-0.01328	-0.04775	-0.02439	-0.07436	-0.05045	-0.08628	-0.07291	-0.01179	-0.01386	-0.00371
-0.04454	-0.02684	-0.03884	-0.07729	-0.04158	-0.01812	-0.02232	0.007483	-0.01821	-0.00983
-0.06431	-0.03713	-0.06454	-0.05644	-0.01614	-0.02608	0.005153	-0.03532	-0.05396	-0.02425
-0.05943	-0.04183	-0.03249	-0.03681	0.001932	-0.07665	-0.01256	-0.05657	-0.08602	-0.0178
-0.0228	-0.01756	-0.01306	-0.05334	-0.00304	-0.07351	-0.01223	-0.02733	-0.05166	-0.02273
0.010607	0.008266	0.004677	-0.04756	0.011471	-0.04077	0.015551	-0.01798	-0.05582	-0.01103
4.76E-05	0.0172	-0.02015	-0.04737	0.020322	-0.02616	0.026897	-0.00735	2.67E-04	0.040804
-0.02764	0.005566	-0.02493	-0.02536	-0.00742	-0.02654	0.012794	-0.03956	0.020927	0.050466
-0.04176	0.004953	0.003265	0.020935	-0.03169	-0.03549	-0.01722	-0.04041	0.013072	-0.02626
-0.03708	0.012549	0.015333	0.005926	-0.01031	-0.0184	0.006748	-0.05277	-0.04699	-0.08687
-0.02189	0.01263	0.001195	0.003285	0.040575	0.013679	0.025125	-0.04792	-0.03777	-0.06204
-0.01176	0.016571	-0.04256	-0.01039	0.038372	0.006906	0.042235	0.0057	0.029757	0.011976
-0.04267	-0.01572	-0.03474	-3.26E-04	0.007161	-0.02106	0.001497	-0.03792	0.019264	0.021155
-0.05107	-7.02E-04	-0.01005	-0.00492	0.003406	-0.04212	-0.01796	-0.05093	0.006318	-0.04326
-0.05117	-0.00569	-0.01402	-0.01037	0.010709	-0.02158	0.012024	-0.01092	0.012015	-0.03952
-2.25E-04	0.004914	-0.04759	-0.02748	0.025966	0.030509	0.011669	-0.03312	-0.00778	-0.01673
0.007898	0.013899	-0.04886	-0.02795	-0.00389	0.007476	-0.01344	-0.07376	-0.01601	-0.01988
-0.02444	0.018035	-0.02218	0.004136	-0.04687	-0.03755	0.018245	-0.08878	-0.02627	-0.04191
-0.0284	0.025099	-0.01206	0.01511	-0.02917	-0.04928	-0.00479	-0.07388	-0.01964	-0.06919
-0.01484	0.00245	-0.04514	-0.01021	-0.03876	-0.04154	-0.0129	-0.04829	-0.0312	-0.0505
-0.02937	-0.02141	-0.05765	-0.01761	-0.03557	-6.34E-04	-0.02274	-0.0646	-0.00725	-0.02952
-0.03516	-0.03157	-0.03519	-0.01626	-0.03141	0.004104	-0.0359	-0.03888	0.010981	-0.04336
-0.01848	-0.00524	-0.00857	-0.04862	-0.06954	-0.00423	-0.00234	-0.00212	-0.00384	-0.03977
-0.01923	-0.03883	-0.07477	-0.05	-0.09171	3.52E-04	0.004415	0.009273	-0.01194	-0.04583
-2.06E-04	-0.02594	-0.05597	-0.01896	-0.07662	0.009587	-0.0152	-0.01062	-0.01328	-0.04669
0.015933	-0.02701	-0.02268	-0.00307	-0.01858	-0.00818	-0.09186	-0.0374	-0.01011	-0.0341
-0.01959	-0.05425	-0.03458	-0.06398	-0.04067	-0.03315	-0.11169	-0.05064	-0.01422	-0.02425
-0.02908	-0.07422	-0.04104	-0.06891	-0.03435	-0.03987	-0.09428	-0.0302	-0.04131	-0.00732
-0.00785	-0.03615	-0.00363	-0.04027	-0.0152	-0.00323	-0.06573	-0.03012	-0.07251	-0.02214
-0.03862	-0.04813	-0.01588	-0.03722	-0.0317	0.02184	-0.02457	-0.03822	-0.09067	-0.01624

-0.03455	-0.08507	-0.06411	-0.04582	-0.01327	0.015099	-0.02531	0.004496	-0.04387	-0.02253
-0.00875	-0.0385	-0.02972	-0.05672	-0.00422	-0.03914	-0.04985	-0.02261	-0.038	-0.03341
0.02231	0.003001	0.014267	-0.02593	0.015499	-0.00671	-0.00974	-0.03577	-0.05818	-0.0253
0.043378	8.03E-04	0.028741	-0.01006	0.010229	0.041968	0.033958	-0.00245	-0.07446	-0.02093
0.018123	-0.03264	0.023972	0.008398	0.028398	0.034114	0.012439	0.030786	-0.01866	-0.0181
-0.02919	-0.02096	0.011346	-0.00121	0.031746	-0.03065	-0.00705	0.027323	-0.00681	-0.01913
-0.05036	-0.03154	-0.02458	-0.06018	-0.03348	-0.06659	0.009977	0.013298	-0.02749	-0.02141
-0.02085	-0.01343	-0.04305	-0.05152	-0.06211	-0.05935	0.011472	-0.01155	-0.02885	-0.00797
0.009968	0.004894	0.003794	-0.03446	-0.00719	-0.04471	-0.00268	-0.02215	-0.06524	-0.0101
-0.04251	-0.00958	0.040971	-0.04656	-0.00534	-0.03608	-0.03127	-0.00788	-0.04802	0.001984
-0.06841	-0.00679	0.012624	-0.03589	0.004865	-0.03351	-0.02486	0.003059	-0.01179	-0.00514
-0.04515	0.005507	-0.03844	-0.01896	-0.00228	-0.02169	0.006534	-0.03836	-0.00267	-0.03383
-0.04862	-0.01379	-0.03233	-0.03146	-8.64E-04	-0.01959	-9.99E-04	-0.06296	-0.00618	-0.00175
-0.03523	-0.00801	0.021454	-0.01612	0.026401	-0.04365	-0.00656	-0.05175	-0.0243	0.010432
-0.05214	0.003355	0.009972	-0.01608	0.007181	-0.05889	-0.00306	-0.02063	-0.00941	-0.00509
-0.04706	0.005626	-0.04268	-0.04122	-0.03994	-0.05429	-0.01225	-0.00629	-0.022	-0.0184
0.005799	0.02256	-0.05448	-0.04863	-0.03573	0.00237	0.02005	-0.04316	-0.03966	-0.0426
-0.01552	0.008525	-0.06733	-0.04658	-8.83E-04	0.014478	0.010783	-0.06149	-0.0303	-0.05094
-0.05287	-0.01201	-0.04774	-0.03407	-1.81E-04	-0.02364	-0.02562	-0.0647	-0.05381	-0.05686
-0.04483	-0.01505	-0.04586	-0.04542	-0.0399	-0.05679	-0.01543	-0.07908	-0.06504	-0.04774
-0.01343	-0.00907	-0.05228	-0.04669	-0.09712	-0.08195	0.014121	-0.05206	-0.03368	-0.06753
-0.03144	-0.00903	-0.06301	-0.0618	-0.08526	-0.06982	0.003931	-0.03844	-0.02208	-0.08786
-0.02749	-0.00757	-0.07063	-0.00972	-0.00721	-4.41E-04	-0.03456	-0.06825	-0.02709	-0.08954
-0.05093	-0.00897	-0.03906	0.018055	0.02692	0.005532	-0.01856	-0.05367	0.001471	-0.03109
-0.02159	-0.03519	-0.02842	0.007048	-0.03094	-0.03036	-0.01862	-0.02433	0.02534	-0.00824
0.007699	-0.01947	-0.02958	-0.04709	-0.09467	-0.02993	-0.0429	-0.05876	0.002249	-0.07062
-0.01992	-0.04046	-0.02789	-0.02336	-0.05437	-0.02281	-0.05598	-0.06441	-0.04104	-0.07267
-0.00244	-0.0427	-0.04722	-8.88E-04	-0.02131	-0.0218	-0.05543	-0.02555	-0.04848	-0.05777
-0.01352	-0.04998	-0.07981	-0.04512	-0.07816	-0.03417	-0.0475	-0.02619	-0.03241	-0.07323
-0.04341	-0.09767	-0.0411	-0.04232	-0.07175	-0.02967	-0.01878	-0.017	-0.063	-0.07899
-0.03052	-0.08524	-0.02231	-0.03895	-0.0269	-0.01853	-0.03269	-0.01287	-0.06957	-0.06496
-8.89E-05	-0.05746	-0.0044	0.012289	0.006229	0.013619	-0.04837	-0.00463	-0.05391	-0.04851
0.02268	-0.0295	-0.00615	0.008706	-0.01957	-0.00229	-0.06566	-0.00612	-0.02874	-0.02554
-0.00428	-0.00755	0.021965	-0.03152	-0.0153	0.002604	-0.02883	-0.00762	-0.01236	-0.01919
-0.00914	-0.03194	0.002561	-0.06363	-0.01153	-0.00295	-0.02499	-0.0096	-0.05262	-0.00886
-0.0598	-0.08037	-0.02351	-0.04144	-0.01267	-0.01548	-0.03927	-0.00392	-0.0309	0.016257
-0.07001	-0.09326	-0.00459	-0.04399	-0.00528	-0.03649	-0.03557	0.003964	-0.00182	-0.01893
-0.00982	-0.03855	-7.29E-04	-0.04964	-0.0032	-0.0201	-0.0465	-0.01882	-0.02809	-0.03766
0.003729	-0.01166	-0.0135	-0.07722	-0.00711	-0.02391	-0.02317	-0.02485	-0.06223	0.001906
-0.03513	-0.01748	-0.01136	-0.06531	-0.0023	0.001554	0.016586	-0.0257	-0.10241	-0.02364
-0.05034	-0.05501	-0.01635	-0.04042	-0.03023	-0.06881	-0.01681	-0.03587	-0.08729	-0.03154
-0.02926	-0.03344	-0.01246	-0.05461	-0.04597	-0.11091	-0.06081	-0.03065	-0.03198	-0.00265
0.009689	-0.00341	-0.02998	-0.05477	-0.01172	-0.06036	-0.03724	-0.02835	-0.02474	-0.00865
-0.04622	-0.01668	-0.04067	-0.02994	0.00989	-0.01539	-0.00148	-0.06175	-0.03273	0.005177
-0.10111	-0.03991	-0.01859	0.003143	-3.96E-04	-0.0181	0.011492	-0.05177	-0.02292	-0.00194
-0.09377	-0.023	-0.01571	0.003305	-0.00901	-0.02125	0.002307	-0.06705	-0.01568	-0.03927
-0.07115	-0.02741	-0.03538	-0.01498	-0.03098	-0.04445	0.011275	-0.03647	-0.03576	-0.08039

-0.0491	-0.01928	-0.05937	-0.02718	-0.02575	-0.0463	-0.00695	-0.03377	-0.04819	-0.09593
-0.01903	-0.0017	-0.08309	-0.05337	-0.00592	0.01324	2.86E-04	-0.06327	-0.01117	-0.03865
-0.05281	-0.0336	-0.08532	-0.03321	-0.05242	-0.01092	-0.02363	-0.07519	-0.00795	-0.02429
-0.0605	-0.05488	-0.05595	-0.00607	-0.04823	-0.04375	-0.02177	-0.02987	-0.00434	-0.06221
0.002904	-0.01405	-0.05636	0.013967	-0.01708	-0.01861	0.02261	0.019682	-0.00309	-0.06424
0.011086	-0.01641	-0.10618	-0.00411	-0.011	-0.00909	0.004745	-0.00444	-0.00612	-0.08002
-0.03817	-0.05806	-0.1109	-0.04883	-0.05081	0.010953	0.004415	-0.02965	0.005277	-0.03415
-0.06654	-0.03266	-0.05164	-0.03718	-0.0999	-0.00419	-0.03244	-0.06322	-0.00971	-0.02299
-0.05725	0.011967	-0.01543	-0.02566	-0.08045	-0.02792	-0.06602	-0.08469	-0.04403	-0.09173
-0.05648	-0.04496	-0.06194	-0.0261	-0.07634	8.56E-04	-0.01387	-0.03494	-0.01324	-0.07829
-0.04952	-0.10024	-0.08848	-0.02378	-0.06938	0.019973	0.001459	-0.05511	-0.00877	-0.01532
-0.04388	-0.09076	-0.06308	-0.0495	-0.0522	-0.02257	-0.04163	-0.05045	-0.03961	-0.03739
-0.056	-0.08761	-0.02074	-0.06458	-0.05107	-0.05354	-0.03264	-0.01412	-0.03579	-0.03983
-0.02439	-0.05177	-0.01712	-0.04495	-0.07021	-0.03625	-0.03326	-0.00442	-0.0328	-0.04152
0.008295	-0.00472	-0.02822	-0.02816	-0.03919	0.001942	-0.02412	-0.00155	-0.04087	-0.04746
-0.02659	-0.04813	-0.0349	-0.02245	0.005418	0.018557	-0.03228	-0.00241	-0.02097	-0.0234
-0.04527	-0.05397	1.83E-04	-0.05086	-0.01524	-0.03218	-0.04	-0.00515	-0.01089	-0.05392
-5.56E-04	-0.02605	0.002483	-0.08605	-0.05985	-0.02752	-0.03123	0.004851	-0.04152	-0.04122
0.00768	-0.04836	-0.00185	-0.08244	-0.06368	-0.00717	-0.03898	-0.01414	-0.05754	-0.0289
-0.00889	-0.05751	0.008662	-0.01863	-0.01492	-0.01066	-0.06163	-0.00454	0.01116	-0.01153
-0.01466	-0.05063	0.015293	0.028038	0.047164	-0.02594	-0.08053	0.011631	0.04754	0.031541
-0.01328	-0.03344	-0.02009	-0.05088	0.020875	-0.02652	-0.07252	-0.00687	-0.02633	0.020253
-0.0121	-0.04046	-0.03237	-0.06903	0.001324	0.007988	-0.00304	-0.01558	-0.06263	-0.03553
-0.01639	-0.03573	0.019011	-0.01391	0.004825	-0.00979	-0.01604	-0.01437	-0.04368	-0.04914
-0.0324	-0.04529	0.028658	-0.01184	-0.01782	-0.06453	-0.02201	0.014184	-0.02711	-0.01737
-0.02622	-0.03814	0.003951	-0.05371	-0.01797	-0.07251	-0.06487	0.018397	-0.04617	-0.02833
-0.04247	-0.02776	-0.00981	-0.0628	-0.01303	-0.07369	-0.0816	-0.01665	-0.06831	0.010392
-0.02747	-0.03099	-0.01153	-0.06597	-0.03408	-0.07889	-0.0605	-0.03965	-0.05643	0.012278
-0.01418	-0.00412	5.53E-04	-0.01118	0.007578	-0.03657	-0.04503	-0.03167	-0.03743	0.002751
-0.00318	0.013677	-0.01676	-0.0044	0.02225	-0.05757	-0.04331	-0.01843	0.018778	0.005652
0.001943	0.009543	-0.06291	-0.06462	-0.03606	-0.09983	-0.02933	0.012374	0.03336	-0.00266
4.96E-04	0.008765	-0.04409	-0.06671	-0.01267	-0.03429	-0.00595	-0.03571	-0.0096	-0.0163
-0.05534	0.006299	-0.00641	-0.01622	0.042767	0.017328	0.002828	-0.06323	-0.05345	-0.03507
-0.10244	-0.03023	0.006941	6.80E-04	0.012575	-0.05555	-0.0088	-0.04545	-0.07773	-0.04244
-0.07475	-0.025	-0.0302	0.008439	-0.04856	-0.06878	0.003679	-0.02887	-0.04055	-0.04951
-0.03696	-1.88E-05	-0.04298	-0.0208	-0.07208	-0.06214	0.021641	-0.04167	-0.03102	-0.07284
-0.0326	-0.02988	-0.05199	-0.0502	-0.02712	-0.02565	0.012696	-0.06256	-0.03993	-0.09743
-0.03115	-2.53E-04	-0.02146	-0.03814	-0.01025	-0.02621	0.010527	-0.06131	-0.00426	-0.031
0.010986	0.041276	0.036468	0.037642	-0.01667	-0.05258	0.006495	-0.03526	0.02534	-0.0583
0.001806	0.007252	-0.01513	0.035456	-0.02525	-0.03899	-0.01637	-0.03355	0.007952	-0.11097
-0.02633	-0.01373	-0.02934	0.011545	-0.06358	-0.01151	-0.04946	-0.02905	-0.01611	-0.09274
-0.00364	0.00523	-0.01038	0.039333	-0.01596	-0.00463	-0.05477	-0.02443	-0.00549	-0.04513
0.008355	0.044706	0.04481	0.059605	0.026692	0.002078	-0.03186	-0.02176	0.023516	-0.00964
0.017615	0.036404	0.00566	0.038147	0.00156	0.044211	0.042023	0.004792	0.021456	-0.00909
0.024038	-2.14E-04	-0.02902	0.006252	-0.06131	0.016865	-0.01753	0.01659	0.020602	-0.0181
-0.0054	-0.03364	-0.04549	-0.0052	-0.07243	-0.02897	-0.03474	0.006769	0.015093	-0.00561
-0.02333	0.011806	-0.01943	0.011009	-0.04648	-0.02648	-0.02515	-0.02321	0.016579	-0.01409

0.003965	0.030201	0.010629	0.010535	-0.01362	0.020256	-0.01036	-0.00836	0.034869	0.003755
0.036772	0.004005	0.014549	0.035543	0.002069	0.034805	0.008037	0.013258	-0.00371	-0.0281
0.029658	-0.04048	-0.00309	0.006252	-0.01295	0.035728	-0.05069	-0.00959	-0.05604	-0.08558
0.021921	-0.04515	-0.03815	-8.27E-04	-1.62E-04	0.057342	-0.04051	-0.04056	-0.0448	-0.06461
0.02445	0.014606	0.007554	0.032608	-0.00729	0.053518	-0.0078	0.034614	0.034051	0.004703
0.029679	-0.00646	-0.00143	0.008603	-0.02309	0.029846	0.024393	0.041644	0.020095	-0.00265
0.02104	-0.05106	-0.02528	-0.04568	-0.06786	-0.03302	-0.04957	0.011491	-0.03697	0.001513
-0.02975	-0.07301	-0.03065	-0.06503	-0.07824	-0.04191	-0.09737	-0.02256	-0.03851	-0.01263
-0.01369	-0.04534	-0.03517	-0.02336	-0.01746	-0.02942	-0.08608	-0.02856	-0.04404	-0.02687
0.052963	0.04764	0.028678	0.023071	-0.01331	0.009587	-0.00276	0.016853	-0.00692	-0.03585
0.05699	0.034622	0.045435	-0.00205	-0.03876	0.011251	0.02917	0.042116	0.001043	-0.04907
0.0241	-0.0366	-0.0063	-0.0227	-0.0065	0.019588	0.017824	0.047916	-0.01369	-0.04724
0.014641	-0.02332	-0.01235	-0.0329	-0.00613	0.012404	-0.01524	0.02463	-0.00553	-0.00278
0.040865	0.014505	0.006448	0.005417	-0.0055	-0.00241	-0.04206	0.021175	-0.02206	-0.01221
0.022783	-0.01949	0.005601	-0.01871	-0.05038	-0.00156	-0.03664	0.03133	-0.01739	0.0127
0.003847	-0.07796	0.010131	-0.03904	-0.05206	-0.002	-0.01842	0.01582	-0.01892	0.025674
-0.00526	-0.09871	0.003931	-0.03372	-0.01096	-0.03814	-0.0665	-0.00907	-0.02173	0.027357
-0.01207	-0.07863	0.021352	0.0029	0.018301	-0.05285	-0.07516	-0.00151	-0.00288	0.011996
0.007005	-0.01008	0.022312	-0.02891	-0.01437	-0.02902	-0.00968	0.033664	0.013172	0.032509
-0.00445	-0.01684	0.006744	-0.06543	-0.02464	0.014019	0.039956	0.05906	0.030857	0.042245
0.012649	-0.03867	0.005995	-0.05337	-0.0217	-0.03599	0.012953	0.037178	0.026883	0.019926
-0.0205	-0.10628	0.002249	-0.01986	-0.00339	-0.03248	-9.83E-05	0.008815	0.017566	0.005692
-0.03017	-0.12026	-0.00207	-0.01711	0.008932	-0.01591	0.023947	-0.01657	-0.00332	0.011554
-0.00387	-0.03302	0.038969	-0.01102	-0.00366	-0.06395	0.020855	0.014124	0.004318	0.01492
0.004418	-0.04591	-0.00218	-0.03788	-0.02795	-0.06912	0.008624	-0.02867	7.52E-04	0.02982
0.013332	-0.01904	-0.01842	-0.05182	-0.02207	-0.06132	0.002519	-0.04953	-0.00648	0.001454
-0.0122	-0.05418	-0.01161	-0.05534	-0.04232	-0.11143	-0.028	-0.06517	-0.01553	-0.00928
-0.0068	-0.04307	0.011206	-0.01728	-0.02427	-0.06348	-0.00927	-0.00991	0.028824	-0.00607
0.007243	0.001724	0.019478	-0.00486	0.021634	0.027119	0.046486	0.053618	0.037416	0.0127
-0.01994	-0.02077	0.010808	-0.06514	-8.64E-04	0.025537	0.044462	-0.00762	0.052736	0.044167
-0.05008	-0.05713	-0.02862	-0.09217	-0.02396	-0.01292	-0.00199	-0.05218	0.039575	0.010892
-0.05726	-0.08095	-0.04807	-0.03843	-0.00756	-0.06774	-0.01185	-0.06623	-0.02132	-0.04336
-0.00306	-0.01937	-0.00609	-0.01264	0.011711	-0.01877	0.024637	-0.00867	-0.02067	-0.03813
-0.00837	-0.04808	0.008781	-0.03228	-0.00451	0.007614	0.018365	-0.0454	4.81E-04	0.002535
-0.05309	-0.04261	-0.01978	-0.06455	-0.02372	0.016021	6.70E-04	-0.07419	0.005179	8.47E-04
-0.04088	-0.03137	-0.02283	-0.08275	-0.02637	-0.01507	-0.0233	-0.07918	0.00565	-0.02987
-0.02459	-0.03631	0.023828	-0.02407	-0.05206	-0.0426	-0.02793	-0.07271	0.029238	-0.05127
0.008156	-0.01859	0.026814	-0.01965	-0.03259	-0.03175	0.009506	-0.011	0.00512	-0.05113
-0.02001	0.007192	-0.00788	-0.05718	4.05E-04	3.33E-04	-0.00134	-0.05182	-0.04826	-0.02899
-0.04371	0.00139	-0.02562	-0.03211	0.036075	0.023164	-0.01836	-0.04529	-0.01123	-0.02864
-0.03267	0.002745	0.007692	0.008726	-0.01486	-0.01005	-0.01768	-0.04213	0.019689	-0.0407
-0.00938	-0.02007	0.01818	-6.47E-04	-0.01547	-0.01796	0.012893	-0.01363	0.037015	-0.01568
0.03299	0.003178	-0.0213	-0.02754	0.026713	-0.0088	0.027592	0.001138	0.023701	-0.00173
-0.02657	0.011947	-0.05867	-0.06119	0.032609	0.010002	0.010665	-0.01863	-0.00213	-0.01065
-0.08399	-0.03507	-0.07738	-0.03677	0.008255	0.032464	-0.00959	-0.05809	-0.03064	-0.04865
-0.08108	-0.0559	-0.01187	-6.43E-05	-0.03483	-0.02375	-0.03171	-0.07198	-0.02267	-0.09817
-0.01867	-0.01896	0.010151	-0.01726	-0.02309	-0.04534	-0.02759	-0.03815	-0.01249	-0.11243

0.010866	0.021491	-0.01276	-0.06058	-0.01071	-0.03286	-0.03125	-0.0489	-0.02042	-0.08493
-0.01876	0.006557	-0.05269	-0.07963	-0.04078	-0.04126	-0.02577	-0.0478	-0.01958	-0.04844
-0.05136	-0.00339	-0.05913	-0.07131	0.007718	5.26E-04	-0.0418	-0.06146	-0.04609	-0.07549
-0.06983	-0.01699	-0.01659	-0.04181	-0.01303	-0.02893	-0.02459	-0.07068	-0.03667	-0.09189
-0.01614	-0.02984	0.013726	-0.02136	-0.00323	-0.06162	-0.00211	-0.02457	-0.02071	-0.12891
0.004083	-0.02552	-0.04072	-0.04916	0.024248	-0.01054	4.01E-04	-0.01145	-0.02647	-0.07557
-0.01447	-0.00393	-0.06399	-0.07149	0.012736	0.005905	-0.00812	-0.05059	-0.04378	-0.01758
-0.07092	-0.04936	-0.04659	-0.05227	-0.05289	-0.02493	-0.0015	-0.04792	-0.00913	-0.03892
-0.06798	-0.04561	-0.00526	-0.0277	-0.06928	-0.05945	-0.02215	-0.06654	-0.03331	-0.07896
0.013976	-3.90E-04	-0.01047	-0.01723	-0.01907	-0.03533	-0.01972	-0.06836	-0.03834	-0.06562
-0.02263	-0.01838	-0.01554	-0.02842	0.014812	0.026687	0.021964	-0.06256	-0.02967	-0.06243
-0.08013	-0.04948	-0.05718	-0.06193	-0.02558	-0.01088	-0.01064	-0.06921	8.69E-04	-0.05193
-0.08533	-0.06484	-0.07804	-0.05034	-0.04704	-0.05739	-0.05483	-0.09973	-0.04294	-0.0896
-0.08641	-0.07918	-0.04166	-0.03086	-0.04156	-0.10271	-0.06701	-0.08504	-0.07971	-0.08908
-0.02039	-0.06344	-0.00498	-0.05832	-0.04601	-0.08817	-0.05041	-0.02518	-0.04894	-0.05832
0.016318	0.00438	-0.01581	-0.08902	-0.05554	-0.04149	-0.02869	-0.0654	-0.03376	-0.05207
-0.02507	-0.01634	-0.06693	-0.09134	-0.03921	-0.04838	-0.00927	-0.08445	-0.048	-0.05554
-0.07165	-0.0572	-0.0351	-0.0101	-0.02985	-0.06105	-0.01357	-0.0987	-0.03115	-0.05368
-0.04917	-0.06148	-0.02654	-0.021	-0.08165	-0.07674	-0.03196	-0.09439	-0.01936	-0.042
0.001024	-0.02189	-0.02071	-0.05665	-0.04478	-0.05229	-0.02043	-0.06796	-0.05526	-0.06633
-0.03352	-0.01142	-0.01747	-0.06869	-0.01528	-0.03856	0.001074	-0.03407	-0.03077	-0.07639
-0.06505	-0.03778	-0.06335	-0.08514	-0.05036	-0.08461	-0.03071	-0.06866	-0.01832	-0.02961
-0.07109	-0.05599	-0.03123	-0.05964	-0.04699	-0.09308	-0.04173	-0.07218	0.013192	-0.01822
-0.03878	-0.02776	0.023233	-0.00167	-0.03145	-0.09444	-0.05583	-0.05261	0.003985	-0.04989
-0.02191	-0.01551	0.014549	-0.03293	-0.02132	-0.08851	-0.03355	-0.01661	-0.00255	-0.01623
-0.03878	-0.03844	-0.00651	-0.03461	-0.00434	-0.07512	-0.01722	-0.04824	-0.02267	6.90E-04
-0.08637	-0.05106	-0.02918	-0.04441	0.010029	-0.03693	-0.02833	-0.09185	-0.06152	-0.01979
-0.06945	-0.09054	-0.02452	-0.05239	-0.0274	-0.04244	-0.03893	-0.09517	-0.06268	-0.06187
-0.04111	-0.06931	-0.00478	-0.015	-0.01817	-0.06355	-0.03753	-0.05981	-0.04162	-0.0768
-0.00466	-0.02053	0.025762	-0.03321	5.81E-04	-0.02946	-0.03626	-0.0386	-0.07738	-0.09703
-0.00153	-0.0043	0.013065	-0.06002	-0.02611	-0.03707	-0.05091	-0.07292	-0.08732	-0.04907
-0.04912	-0.03694	-0.03724	-0.0818	-0.03674	-0.10532	-0.02346	-0.07811	-0.06828	-0.07824
-0.03962	-0.08231	-0.03032	-0.07819	-0.03393	-0.09039	-0.04942	-0.051	-0.04822	-0.07189
-0.00572	-0.05504	-0.01987	-0.05874	-0.03624	-0.04238	-0.04722	-0.01588	-0.01442	-0.05466
-0.02026	-0.05366	-0.00691	-0.06149	-0.01088	0.027799	-0.00756	-0.01655	-0.03565	-0.07115
-0.04249	-0.07384	-0.00815	-0.06788	0.005358	-0.0141	-0.06906	-0.0429	-0.06934	-0.05021
-0.05498	-0.09303	-0.03785	-0.05012	-0.00123	-0.05059	-0.09447	-0.05029	-0.06783	-0.0306
-0.0218	-0.06462	-0.04284	-0.02253	-0.02112	-0.07065	-0.09718	-0.06455	-0.05679	-0.05099
0.004871	-0.03456	-0.02785	-0.04539	-0.04977	-0.05152	-0.07887	-0.05232	-0.04028	-0.06902
-0.01367	-0.0535	-0.01753	-0.06745	-0.0747	-0.04455	-0.02901	-0.03571	-0.05293	-0.07836
-0.02964	-0.07789	-0.05403	-0.11967	-0.09759	-0.07075	-0.04482	-0.02958	-0.06585	-0.06113
-0.08585	-0.12159	-0.08647	-0.1386	-0.0981	-0.06371	-0.08705	-0.06547	-0.07711	-0.0681
-0.07491	-0.11651	-0.10434	-0.06857	-0.06284	-0.0778	-0.11165	-0.07541	-0.10227	-0.07659
-0.05607	-0.059	-0.07447	-0.07989	-0.0868	-0.08192	-0.08271	-0.05712	-0.075	-0.09197
-0.0475	-0.08053	-0.06574	-0.14613	-0.13224	-0.09381	-0.05671	-0.08153	-0.12608	-0.1175
-0.01309	-0.07186	-0.06781	-0.1139	-0.0958	-0.06897	-0.07943	-0.10049	-0.16589	-0.11041
-0.04432	-0.06661	-0.0505	-0.07459	-0.06011	-0.05143	-0.08385	-0.08084	-0.1107	-0.10121

-0.09035	-0.12265	-0.06516	-0.04388	-0.05477	-0.03884	-0.06629	-0.07592	-0.0786	-0.09775
-0.07284	-0.07492	-0.04377	-0.04354	-0.06021	-0.03135	-0.08957	-0.1291	-0.05642	-0.10044
-0.03798	-0.06523	-0.02504	-0.06438	-0.08031	-0.06059	-0.11874	-0.1257	-0.07776	-0.10576
-0.01339	-0.08537	-0.10043	-0.0705	-0.09304	-0.0545	-0.11032	-0.08077	-0.10175	-0.10205
-0.00557	-0.05893	-0.11356	-0.05086	-0.06513	-0.0223	-0.07352	-0.08541	-0.10593	-0.11945
-0.01039	-0.00711	-0.03314	-0.01506	-0.00991	-0.0016	-0.06391	-0.06524	-0.06152	-0.09621
-0.0386	-0.05193	-0.05254	-0.0231	-0.06768	-0.04701	-0.02555	-0.03596	-0.0476	-0.09781
-0.04394	-0.10753	-0.07339	-0.05974	-0.09252	-0.06222	-0.0706	-0.08384	-0.09255	-0.11598
-0.04348	-0.10053	-0.11702	-0.09046	-0.08341	-0.03656	-0.07844	-0.06886	-0.07797	-0.11275
-0.04362	-0.08846	-0.1209	-0.0592	-0.06521	-0.00827	-0.04947	-0.05355	-0.04343	-0.08266
-0.04367	-0.03255	-0.04124	-0.02968	-0.0493	-0.03474	-0.04846	-0.07152	-0.04284	-0.05331
-0.06024	-0.03337	-0.01566	-0.037	-0.08765	-0.08249	-0.05232	-0.07439	-0.0556	-0.07863
-0.05262	-0.07144	-0.03065	-0.05134	-0.09573	-0.07692	-0.08677	-0.09758	-0.08438	-0.10399
-0.05356	-0.08491	-0.05765	-0.05612	-0.09899	-0.07367	-0.12345	-0.0992	-0.09657	-0.12709
-0.08903	-0.08524	-0.09992	-0.0473	-0.06285	-0.07614	-0.10045	-0.08213	-0.055	-0.10075
-0.09966	-0.06614	-0.13592	-0.05944	-0.06684	-0.06201	-0.03525	-0.05244	-0.03374	-0.07842
-0.07468	-0.08016	-0.12491	-0.08753	-0.10303	-0.07398	-0.05231	-0.07619	-0.05046	-0.10934
-0.06963	-0.11249	-0.11941	-0.09686	-0.1365	-0.09057	-0.09576	-0.09503	-0.07708	-0.10782
-0.08357	-0.0898	-0.10518	-0.05851	-0.08534	-0.04697	-0.06246	-0.10007	-0.08969	-0.10481
-0.08583	-0.05564	-0.10451	-0.08763	-0.0979	-0.0766	-0.07011	-0.11075	-0.07493	-0.07935
-0.08765	-0.04384	-0.1166	-0.10683	-0.13106	-0.09772	-0.05568	-0.10386	-0.07483	-0.06192
-0.09497	-0.05375	-0.11727	-0.09995	-0.13972	-0.0902	-0.05728	-0.10234	-0.083	-0.08127
-0.06564	-0.09436	-0.11372	-0.09188	-0.12584	-0.09051	-0.09116	-0.08459	-0.10593	-0.14281
-0.10197	-0.08824	-0.11311	-0.09057	-0.08734	-0.09602	-0.11444	-0.11952	-0.10297	-0.13431
-0.11849	-0.05751	-0.11326	-0.09348	-0.09241	-0.12148	-0.09148	-0.11525	-0.09118	-0.07343
-0.09341	-0.04598	-0.08055	-0.06828	-0.10229	-0.12717	-0.08411	-0.12099	-0.09194	-0.10104
-0.07392	-0.03642	-0.06598	-0.03862	-0.08447	-0.10682	-0.09447	-0.11786	-0.08556	-0.12853
-0.01451	-0.0311	-0.07627	-0.03524	-0.04373	-0.08468	-0.11873	-0.1338	-0.09258	-0.14407
-0.03803	-0.03259	-0.08218	-0.06726	-0.02272	-0.05904	-0.11122	-0.12334	-0.08259	-0.13415
-0.10387	-0.05715	-0.07918	-0.05946	-0.0431	-0.05002	-0.07425	-0.08996	-0.05572	-0.06847
-0.11638	-0.05982	-0.09948	-0.05064	-0.10304	-0.07502	-0.07258	-0.09395	-0.0819	-0.1195
-0.08349	-0.06795	-0.10804	-0.06104	-0.13152	-0.11019	-0.07127	-0.0914	-0.0991	-0.14445
-0.08732	-0.08465	-0.10164	-0.05536	-0.08298	-0.09112	-0.10061	-0.10497	-0.09345	-0.15229
-0.07878	-0.05597	-0.04671	-0.04682	-0.02331	-0.07359	-0.08661	-0.09247	-0.07297	-0.10264
-0.03749	-0.01332	-0.04948	-0.04475	-0.03123	-0.06098	-0.05713	-0.1142	-0.0796	-0.05174
-0.07855	-0.0102	-0.10072	-0.04071	-0.08356	-0.04864	-0.04513	-0.10743	-0.06708	-0.08578
-0.10017	-7.80E-04	-0.0638	-0.041	-0.10341	-0.06729	-0.06772	-0.08475	-0.05235	-0.11088
-0.06681	-0.03128	-0.07277	-0.08534	-0.0799	-0.06968	-0.09596	-0.1149	-0.07107	-0.10254
-0.10764	-0.09535	-0.08386	-0.08005	-0.06043	-0.0834	-0.09476	-0.13197	-0.07046	-0.05994
-0.10779	-0.07994	-0.09263	-0.08315	-0.10074	-0.06548	-0.04829	-0.09414	-0.09339	-0.07852
-0.12966	-0.08552	-0.10067	-0.06943	-0.1006	-0.05496	-0.05551	-0.10418	-0.09005	-0.09974
-0.09014	-0.10066	-0.09389	-0.07211	-0.0711	-0.0879	-0.06419	-0.13129	-0.09187	-0.12538
-0.07998	-0.06393	-0.08016	-0.07453	-0.0997	-0.09152	-0.06143	-0.14529	-0.12086	-0.11862
-0.09891	-0.06053	-0.09241	-0.06834	-0.08634	-0.10474	-0.08088	-0.14554	-0.11361	-0.06621
-0.09384	-0.05927	-0.10004	-0.08042	-0.06884	-0.09183	-0.07579	-0.09046	-0.08961	-0.07444
-0.09415	-0.06956	-0.12008	-0.08751	-0.09097	-0.06289	-0.03583	-0.08913	-0.06725	-0.0913
-0.11167	-0.1259	-0.13738	-0.09986	-0.09886	-0.09703	-0.05894	-0.12628	-0.08854	-0.09899

-0.13085	-0.0952	-0.10022	-0.11486	-0.09826	-0.09383	-0.07484	-0.12886	-0.09467	-0.10564
-0.14154	-0.05604	-0.0756	-0.10516	-0.09569	-0.1065	-0.07882	-0.10832	-0.09308	-0.09846
-0.16363	-0.08376	-0.10851	-0.10378	-0.12869	-0.14236	-0.08423	-0.09636	-0.09334	-0.08927
-0.13845	-0.11748	-0.1338	-0.08456	-0.10484	-0.14389	-0.08861	-0.07886	-0.06246	-0.0945
-0.0745	-0.09684	-0.13178	-0.12383	-0.12622	-0.1341	-0.09926	-0.10248	-0.09531	-0.11788
-0.08432	-0.10526	-0.15182	-0.13845	-0.09956	-0.11503	-0.11263	-0.14855	-0.12739	-0.10372
-0.1052	-0.1053	-0.11428	-0.11041	-0.09939	-0.14064	-0.12405	-0.13065	-0.13643	-0.09076
-0.08771	-0.06921	-0.11229	-0.10126	-0.12459	-0.1501	-0.11705	-0.09848	-0.12603	-0.10603
-0.11845	-0.09184	-0.13167	-0.10331	-0.12716	-0.14194	-0.10982	-0.1119	-0.1015	-0.13351
-0.08173	-0.09356	-0.10714	-0.12131	-0.12045	-0.1437	-0.09777	-0.14217	-0.12168	-0.13761
-0.09341	-0.1218	-0.10498	-0.13219	-0.09293	-0.10626	-0.11481	-0.15782	-0.15247	-0.14147
-0.08473	-0.11696	-0.10501	-0.11656	-0.0967	-0.13167	-0.12879	-0.15927	-0.12712	-0.10436
-0.0371	-0.06092	-0.10732	-0.11649	-0.12497	-0.15857	-0.11242	-0.13175	-0.10735	-0.08911
0.018164	-0.04316	-0.11785	-0.13978	-0.12842	-0.16797	-0.14261	-0.18871	-0.12754	-0.09772
0.038579	-0.0315	-0.07663	-0.13252	-0.09964	-0.14092	-0.11706	-0.17123	-0.12993	-0.13683
0.061189	0.02067	-0.00369	-0.07808	-0.08913	-0.11821	-0.10315	-0.13531	-0.15739	-0.12434
0.208195	0.137379	0.054084	-0.05239	-0.10739	-0.1226	-0.09794	-0.13854	-0.16188	-0.10978
0.322882	0.228276	0.084029	-0.01266	-0.07177	-0.12075	-0.10897	-0.12781	-0.14709	-0.14645
0.394347	0.310487	0.166612	0.052719	0.006844	-0.07605	-0.08087	-0.12694	-0.12481	-0.1467
0.424054	0.368699	0.295834	0.186926	0.111019	0.014279	-0.03753	-0.09018	-0.1147	-0.14434
0.437565	0.438186	0.388432	0.330338	0.223731	0.11376	0.025186	-0.03032	-0.08688	-0.10225
0.4108	0.438668	0.42884	0.417121	0.33534	0.23444	0.145133	0.066227	-0.04453	-0.05019
0.33494	0.397297	0.425722	0.456858	0.436494	0.352586	0.256181	0.14312	0.021049	-0.01717
0.248521	0.348488	0.428736	0.443818	0.436708	0.418504	0.353442	0.254021	0.15591	0.061361
0.168616	0.303553	0.41352	0.42379	0.434365	0.441459	0.43386	0.353109	0.288436	0.159826
0.170287	0.253346	0.349072	0.365577	0.412167	0.431681	0.442865	0.389573	0.363732	0.266149
0.162083	0.214099	0.310119	0.316205	0.362234	0.409274	0.401383	0.411354	0.424652	0.356904
0.054132	0.167116	0.2099	0.291958	0.303054	0.369735	0.375838	0.397637	0.439316	0.428319
0.014419	0.098524	0.143109	0.215019	0.220896	0.268387	0.331609	0.362357	0.407636	0.436146
-0.02426	0.066377	0.076967	0.12753	0.169936	0.181194	0.295924	0.329938	0.368186	0.402873
-0.04459	0.063789	0.044961	0.079733	0.093984	0.113886	0.202606	0.263366	0.287834	0.369994
-0.10613	0.024209	0.027497	-0.01581	0.05485	0.128225	0.130996	0.199836	0.193975	0.315217
-0.07933	0.002942	-0.04019	-0.03735	-0.0083	0.050379	0.055923	0.119907	0.129468	0.245368
-0.01279	-0.0109	-0.08173	-0.02625	0.02365	-0.02953	0.046529	0.036393	0.145253	0.204436
-0.06413	-0.04462	-0.08218	-0.04162	0.029964	0.003831	0.082503	0.030053	0.075499	0.086575
-0.07221	-0.02169	0.003931	-0.00637	0.022661	0.018961	0.056775	0.036372	0.056625	0.05822
-0.05584	-0.01977	-0.02491	-0.03427	0.015014	-0.00519	0.006846	0.035651	0.065723	0.058981
-0.03453	-0.02313	-0.04521	-0.04845	-0.01554	-0.03076	0.004745	0.004378	0.023537	0.061676
-0.03978	-0.01383	-0.03097	-0.0161	-0.05534	-0.04275	0.044738	-0.00614	0.045836	0.052182
-0.0313	0.015739	-0.01764	0.015798	0.006566	-0.01361	0.058134	0.01661	0.046828	0.005969
-0.05356	0.016429	-0.02493	0.018223	0.059864	0.015039	0.073385	0.018499	0.091916	0.077555
-0.03883	-0.01956	-0.04407	0.037204	0.076915	0.042309	0.101745	0.030807	0.074141	0.090723
-0.04369	-0.02371	-0.03858	0.050117	0.050069	0.013859	0.055487	0.0136	0.046095	0.097619
-0.05709	-0.01187	-0.01053	0.024813	-0.01963	-0.00264	-9.80E-04	0.031226	0.050598	0.019455
-0.05383	0.023569	0.0303	0.031526	-0.03109	-0.03401	0.039178	0.07363	0.079714	0.043691
0.002413	-0.00688	-0.00239	0.025473	-0.02058	-0.02195	0.037857	0.0629	0.080833	0.095373
-0.02068	-0.02507	-0.04374	-0.00201	0.003347	-9.62E-04	0.056098	0.018764	0.059148	0.080015

0.010666	-0.02577	-0.0617	-0.0402	-0.03949	0.017811	0.034457	0.015032	0.024766	0.002122
0.050656	0.01934	-0.07147	-0.05275	-0.01654	-0.03895	-0.01681	-0.00446	0.019041	-0.01607
0.044694	0.019749	-0.03813	-0.01116	0.031159	-0.00702	0.023825	-0.00186	0.017526	0.009731
-0.01188	-0.03501	-0.01974	-0.00568	-0.02494	-7.50E-04	0.051039	-0.01117	0.020724	0.066525
-0.01199	-0.01292	-0.02377	-0.02235	-0.09403	-0.00954	0.02017	-0.0182	-0.01401	0.038897
0.006491	-0.01555	-0.03623	-0.02376	-0.05072	-0.03087	0.008683	0.020601	-0.01401	-0.04808
0.064818	0.009783	-0.0368	0.00803	-0.00225	0.010002	0.029807	9.81E-04	0.008781	-0.02076
0.066247	-0.01683	-0.04191	0.020177	-0.00294	0.047111	0.038255	-0.06039	-0.00685	-0.01157
0.091805	0.018809	-0.01399	0.011071	-0.02353	0.033988	-0.03696	-0.07054	0.010068	0.020294
0.08835	0.051165	0.032472	-0.04977	-0.05734	-0.02486	-0.07802	-0.06716	-0.03551	-0.03309
0.056124	0.039153	0.017674	-0.01309	-0.05722	-0.07478	-0.0997	-0.09143	-0.1271	-0.10007
0.034634	-0.00362	-0.00106	0.014258	-0.06456	-0.05811	-0.05725	-0.07529	-0.09923	-0.09092
0.024533	-0.01526	-0.01015	-0.04155	-0.10452	-0.04746	-0.13179	-0.10715	-0.03848	-0.0747
-0.03059	-0.03001	-0.00724	-0.06867	-0.07074	-0.04281	-0.11797	-0.07112	-0.0535	-0.04699
-0.04088	-0.07315	-0.02974	-0.06526	-0.06963	-0.05901	-0.08567	-0.06198	-0.09633	-0.0834
-0.05653	-0.08228	-0.00662	-0.06158	-0.0639	-0.0216	-0.06818	-0.06503	-0.0952	-0.09397
-0.10341	-0.07026	-0.01848	-0.07754	-0.06067	-0.01584	-0.04997	-0.0548	-0.0776	-0.07749
-0.08273	-0.08204	-0.07669	-0.11939	-0.06617	-0.08328	-0.10771	-0.07669	-0.11091	-0.0709
-0.09539	-0.05333	-0.07966	-0.10593	-0.06831	-0.1184	-0.10774	-0.08017	-0.14492	-0.08944
-0.03092	-0.04316	-0.05138	-0.09026	-0.1139	-0.11309	-0.07359	-0.07799	-0.10375	-0.09454
-0.05961	-0.06218	-0.01485	-0.05378	-0.08667	-0.08283	-0.06008	-0.08458	-0.07994	-0.0825
-0.08215	-0.06498	-0.00434	-0.02585	-0.01905	-0.05925	-0.06551	-0.0494	-0.09671	-0.07148
-0.08541	-0.07381	-0.04265	-0.02876	-0.01447	-0.06192	-0.0313	-0.05336	-0.13464	-0.11239
-0.06004	-0.02973	-0.05918	-0.06619	-0.0203	-0.02824	-0.03694	-0.11036	-0.11917	-0.107
-0.05447	-0.06177	-0.05218	-0.10402	-0.00989	-0.02586	-0.04898	-0.12214	-0.12247	-0.0935
-0.06194	-0.0547	-0.05709	-0.11589	-0.04257	-0.02772	-0.04879	-0.09571	-0.09794	-0.05801
0.004753	-0.00991	-0.03375	-0.06607	-0.06734	-0.0915	-0.04371	-0.05534	-0.0167	-0.00955
2.82E-04	-0.02426	-0.04979	-0.01517	-0.04163	-0.06954	-0.02521	-0.05145	-0.0106	-0.00905
-0.10093	-0.04531	-0.05806	-0.06483	-0.05687	-0.02637	-0.03988	-0.04664	1.70E-04	0.017151
-0.14337	-0.05124	-0.06625	-0.04687	-0.05372	-0.05198	-0.06875	-0.07572	0.014391	0.020848
-0.17191	-0.08397	-0.14602	-0.12193	-0.09375	-0.12105	-0.07609	-0.08163	0.002035	-0.03231
-0.16749	-0.15356	-0.15082	-0.15158	-0.15082	-0.13048	-0.02775	1.61E-04	-0.03908	-0.03731
-0.12649	-0.15863	-0.15821	-0.15036	-0.12079	-0.09613	-0.04653	-0.03631	-0.06255	-0.05127
-0.1673	-0.16712	-0.18796	-0.19577	-0.14291	-0.09768	-0.13119	-0.10616	-0.10912	-0.14578
-0.156	-0.15283	-0.16455	-0.18927	-0.17364	-0.15038	-0.17375	-0.1648	-0.15555	-0.17002
-0.12573	-0.14554	-0.16118	-0.18367	-0.16936	-0.17291	-0.20012	-0.18311	-0.14275	-0.17289
-0.10609	-0.14103	-0.17703	-0.1591	-0.14902	-0.15627	-0.18343	-0.20652	-0.17926	-0.16748
-0.1692	-0.13902	-0.1551	-0.14483	-0.12961	-0.12991	-0.1425	-0.15043	-0.17588	-0.17632
-0.24524	-0.20751	-0.14791	-0.11732	-0.11612	-0.12257	-0.1287	-0.14336	-0.17257	-0.18941
-0.20253	-0.22485	-0.22061	-0.13737	-0.14668	-0.12238	-0.11615	-0.14659	-0.15682	-0.18811
-0.12392	-0.11741	-0.17357	-0.15843	-0.16265	-0.15836	-0.11705	-0.12495	-0.14728	-0.169
0.053095	-0.02308	-0.05405	-0.09193	-0.11827	-0.13968	-0.13044	-0.10166	-0.127	-0.09862
0.634903	0.347574	0.335191	0.179752	0.071932	0.006807	-0.05137	-0.05003	-0.02412	0.05608
0	0	0.089876	1.106455	0.706225	0.510738	0.281228	0.185336	0.43072	0.664239
0	0	0	0	0	0.140614	1.730888	1.218191	0.092668	0.046334
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

270	271	272	273	274	275	276	277	278	279
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.829079	1.264201	0.192053	0.096026	0.260904	1.98702	1.480298	1.507486	0.392509	1.553158
0.311538	0.384106	0.499745	0.531644	0.499247	0.425782	0.414259	0.379799	0.430011	0.40522
0.126847	0.156888	0.197028	0.208575	0.21215	0.187527	0.188022	0.172847	0.149772	0.180121
0.055206	0.078343	0.084833	0.057505	0.047899	0.060414	0.06058	0.09821	0.037622	0.056749
0.01372	0.00848	0.004051	-0.01332	-0.03991	0.005912	0.023576	0.036177	-0.02544	-0.04984
-0.04893	-0.06251	-0.02533	-0.0306	-0.0216	-0.03038	-0.05026	-0.07219	-0.06094	-0.06284
-0.05152	-0.0583	-0.04603	-0.05476	-0.07155	-0.0436	-0.10898	-0.11144	-0.10318	-0.07425
-0.0562	-0.07419	-0.04218	-0.09067	-0.11588	-0.04852	-0.11574	-0.10254	-0.09665	-0.10443
-0.11195	-0.10269	-0.06498	-0.09059	-0.12324	-0.09518	-0.12289	-0.09867	-0.11195	-0.16618
-0.11392	-0.11431	-0.07941	-0.12057	-0.11557	-0.15608	-0.08712	-0.08974	-0.13331	-0.17045
-0.11411	-0.12537	-0.09051	-0.12256	-0.08232	-0.12196	-0.10355	-0.09446	-0.10896	-0.08335
-0.12602	-0.13476	-0.12995	-0.10796	-0.04	-0.07551	-0.11614	-0.06798	-0.06578	-0.01461
-0.09493	-0.12333	-0.14462	-0.12485	-0.04563	-0.06495	-0.09958	-0.04674	-0.01861	-0.00166
-0.06138	-0.09187	-0.08468	-0.11073	-0.08568	-0.05594	-0.1015	-0.05076	0.007014	0.013957
-0.06478	-0.05988	-0.04816	-0.07819	-0.07841	-0.08859	-0.07891	-0.05488	0.005178	0.050515
-0.11099	-0.0928	-0.08096	-0.11492	-0.06189	-0.11686	-0.10086	-0.07529	-0.01958	-0.00132

-0.17162	-0.1156	-0.07011	-0.12745	-0.09624	-0.09589	-0.0796	-0.0806	-0.0182	-0.05267
-0.15325	-0.1218	-0.07297	-0.10396	-0.09359	-0.05972	-0.04929	-0.06272	-0.02146	-0.03372
-0.096	-0.14264	-0.08607	-0.09496	-0.08376	-0.06081	-0.1184	-0.10983	-0.04297	-0.00481
-0.11864	-0.15589	-0.08854	-0.08257	-0.07597	-0.03678	-0.10937	-0.1001	-0.06262	-0.05972
-0.11861	-0.15385	-0.13745	-0.12461	-0.10015	-0.0497	-0.07927	-0.07087	-0.05291	-0.11955
-0.09355	-0.12073	-0.12675	-0.15131	-0.14095	-0.09456	-0.10144	-0.08927	-0.03477	-0.08528
-0.08293	-0.12603	-0.13653	-0.13769	-0.07863	-0.09115	-0.09758	-0.11887	-0.04404	-0.06673
-0.10496	-0.13259	-0.12766	-0.07501	-0.03717	-0.06374	-0.10775	-0.1003	-0.03429	-0.06422
-0.09882	-0.13917	-0.11232	-0.09989	-0.11845	-0.06714	-0.09663	-0.08682	-0.07831	-0.11235
-0.10283	-0.18041	-0.12791	-0.09752	-0.15381	-0.10307	-0.09931	-0.07936	-0.08425	-0.1279
-0.11943	-0.17375	-0.10217	-0.09569	-0.13471	-0.15029	-0.0889	-0.08153	-0.06841	-0.07432
-0.10226	-0.12267	-0.11449	-0.12154	-0.13918	-0.13705	-0.1218	-0.14569	-0.10586	-0.09792
-0.13249	-0.14394	-0.09527	-0.0908	-0.13836	-0.11434	-0.12772	-0.18562	-0.16325	-0.1659
-0.13658	-0.16261	-0.13001	-0.1351	-0.12168	-0.08284	-0.13253	-0.18609	-0.17353	-0.18409
-0.14347	-0.15941	-0.12603	-0.15641	-0.17921	-0.1471	-0.17626	-0.16492	-0.1522	-0.17746
-0.14372	-0.15522	-0.11673	-0.14913	-0.19835	-0.16677	-0.17924	-0.18185	-0.17368	-0.17779
-0.13312	-0.1347	-0.14023	-0.13086	-0.15078	-0.16669	-0.17629	-0.17411	-0.17066	-0.20071
-0.13705	-0.14527	-0.12018	-0.11351	-0.11455	-0.16341	-0.19434	-0.18949	-0.19312	-0.1934
-0.15109	-0.14787	-0.12324	-0.14516	-0.12879	-0.16214	-0.18831	-0.17207	-0.19919	-0.19407
-0.12993	-0.12832	-0.12173	-0.16446	-0.13921	-0.13299	-0.15725	-0.15345	-0.18396	-0.18852
-0.14528	-0.13946	-0.10566	-0.15208	-0.12467	-0.11063	-0.15282	-0.14245	-0.17682	-0.22329
-0.1266	-0.10715	-0.08925	-0.1107	-0.09143	-0.1254	-0.15629	-0.14474	-0.16489	-0.17703
-0.13171	-0.10635	-0.12254	-0.12188	-0.0826	-0.11562	-0.13438	-0.16785	-0.19109	-0.13498
-0.12732	-0.11688	-0.1416	-0.14773	-0.07202	-0.09918	-0.10477	-0.14442	-0.18334	-0.18358
-0.16623	-0.12103	-0.11621	-0.11591	-0.08793	-0.11303	-0.10344	-0.14427	-0.19138	-0.1979
-0.13489	-0.09778	-0.10032	-0.11955	-0.12482	-0.14976	-0.10027	-0.1509	-0.18831	-0.18744
-0.12505	-0.11508	-0.11875	-0.0941	-0.1224	-0.14113	-0.10288	-0.1482	-0.14807	-0.15848
-0.11604	-0.11509	-0.11466	-0.08298	-0.13437	-0.10941	-0.13247	-0.15574	-0.1205	-0.14229
-0.09427	-0.10459	-0.11087	-0.08617	-0.12913	-0.1044	-0.14131	-0.17009	-0.1363	-0.14012
-0.1293	-0.09812	-0.12845	-0.09915	-0.10733	-0.105	-0.10859	-0.19017	-0.16125	-0.14018
-0.13866	-0.12339	-0.11574	-0.10266	-0.10871	-0.10756	-0.09555	-0.14648	-0.14526	-0.15767
-0.10442	-0.12379	-0.09952	-0.12577	-0.12141	-0.09385	-0.11382	-0.11964	-0.14748	-0.18534
-0.09345	-0.13777	-0.10726	-0.09403	-0.10147	-0.06677	-0.13457	-0.12524	-0.15895	-0.1627
-0.07127	-0.12374	-0.11739	-0.07407	-0.08752	-0.06379	-0.12856	-0.12089	-0.13105	-0.1525
-0.04458	-0.08725	-0.09543	-0.08635	-0.1133	-0.08023	-0.11959	-0.11997	-0.13707	-0.15159
-0.05176	-0.06775	-0.05007	-0.09907	-0.10062	-0.0855	-0.1044	-0.09567	-0.15212	-0.11127
-0.04632	-0.08524	-0.07176	-0.12291	-0.08833	-0.08235	-0.08757	-0.04967	-0.1081	-0.07951
-0.02693	-0.08329	-0.0442	-0.0917	-0.07718	-0.10917	-0.08651	-0.03265	-0.07158	-0.07759
-0.02576	-0.05004	-0.03202	-0.05518	-0.04405	-0.0967	-0.08255	-0.05215	-0.08899	-0.07224
-0.06036	-0.04255	-0.06339	-0.11792	-0.05215	-0.05477	-0.04909	-0.06729	-0.09907	-0.04919
-0.09416	-0.07394	-0.08731	-0.125	-0.06885	-0.06951	-0.04769	-0.07746	-0.09127	-0.08444
-0.13457	-0.11214	-0.08926	-0.08953	-0.08577	-0.12515	-0.07541	-0.10609	-0.09038	-0.12031
-0.14739	-0.09403	-0.08885	-0.07943	-0.06939	-0.1281	-0.07602	-0.1045	-0.08507	-0.12323
-0.11651	-0.06168	-0.07127	-0.08347	-0.06561	-0.12317	-0.07395	-0.09941	-0.09008	-0.12036
-0.07206	-0.02636	-0.02961	-0.06266	-0.07125	-0.10687	-0.08134	-0.10938	-0.09713	-0.10745
-0.05481	-0.04566	-0.04068	-0.04272	-0.08733	-0.09081	-0.09262	-0.12186	-0.10914	-0.10864
-0.08719	-0.06077	-0.05188	-0.03967	-0.10708	-0.10482	-0.09091	-0.10192	-0.1022	-0.12609

-0.06927	-0.07047	-0.08139	-0.04465	-0.09298	-0.08843	-0.07287	-0.08124	-0.10344	-0.14364
-0.04569	-0.05286	-0.07026	-0.03995	-0.06676	-0.09805	-0.08412	-0.11393	-0.10331	-0.14753
-0.03143	-0.08425	-0.08391	-0.10066	-0.08851	-0.07752	-0.09487	-0.12003	-0.08155	-0.09879
-0.04786	-0.10806	-0.06623	-0.08735	-0.10804	-0.07241	-0.09096	-0.09307	-0.0645	-0.0682
-0.08156	-0.13121	-0.06093	-0.05563	-0.10821	-0.07663	-0.06611	-0.0586	-0.1037	-0.1113
-0.08747	-0.09871	-0.03984	-0.06459	-0.10812	-0.06276	-0.09068	-0.06905	-0.13463	-0.12034
-0.06005	-0.07506	-0.02709	-0.04902	-0.09359	-0.05164	-0.09306	-0.05625	-0.0877	-0.10238
-0.0645	-0.1055	-0.04349	-0.04	-0.04204	-0.05395	-0.07693	-0.04568	-0.06818	-0.09258
-0.08984	-0.13146	-0.05433	-0.0788	-0.03208	-0.07591	-0.09516	-0.05545	-0.08446	-0.08845
-0.08466	-0.09962	-0.05183	-0.09604	-0.05197	-0.10104	-0.09711	-0.06647	-0.09454	-0.07768
-0.0649	-0.09666	-0.06717	-0.08745	-0.05222	-0.11486	-0.09966	-0.09019	-0.11468	-0.07851
-0.06012	-0.10895	-0.07944	-0.08324	-0.0662	-0.13521	-0.11195	-0.08428	-0.10077	-0.05918
-0.08367	-0.09804	-0.07527	-0.08108	-0.05495	-0.11888	-0.0865	-0.08529	-0.07732	-0.06896
-0.10124	-0.07134	-0.06353	-0.07109	-0.01887	-0.07735	-0.05502	-0.10622	-0.07459	-0.08143
-0.09202	-0.05749	-0.06282	-0.07297	-0.01366	-0.05116	-0.01666	-0.09189	-0.08232	-0.09158
-0.06421	-0.07236	-0.06561	-0.06961	-0.00545	-0.01503	-0.0056	-0.08403	-0.07044	-0.03735
-0.05254	-0.04703	-0.04351	-0.04556	-0.02209	-0.04358	-0.01571	-0.05214	-0.05704	-0.0326
-0.10149	-0.05428	-0.05538	-0.03545	-0.08082	-0.09926	-0.03886	-0.06233	-0.05293	-0.07898
-0.10639	-0.05145	-0.08405	-0.06747	-0.10643	-0.11577	-0.06275	-0.09658	-0.05848	-0.09667
-0.0386	-0.03073	-0.09199	-0.05577	-0.04741	-0.05367	-0.06794	-0.09801	-0.05285	-0.09122
-0.06137	-0.03818	-0.09195	-0.03834	-9.61E-04	-0.01873	-0.02487	-0.04665	-0.03214	-0.06512
-0.09834	-0.05062	-0.06682	-0.03572	-0.06381	-0.07205	-0.02002	-0.01528	-0.03889	-0.06275
-0.10412	-0.04589	-0.05798	-0.02472	-0.08	-0.07866	-0.05085	-0.05668	-0.05879	-0.11775
-0.08567	-0.05897	-0.09175	-0.04119	-0.06241	-0.06323	-0.08646	-0.1164	-0.10807	-0.16017
-0.04366	-0.06744	-0.10876	-0.06802	-0.07387	-0.06956	-0.11115	-0.13054	-0.10413	-0.13544
-0.03727	-0.06354	-0.10262	-0.07245	-0.03739	-0.04738	-0.07499	-0.10653	-0.05442	-0.09173
-0.07196	-0.05058	-0.07599	-0.06635	-0.0612	-0.04469	-0.03635	-0.06713	-0.04184	-0.09041
-0.06154	-0.06864	-0.02955	-0.03486	-0.08703	-0.06473	-0.04749	-0.03959	-0.05994	-0.07179
-0.04178	-0.13527	-0.05661	-0.06454	-0.09062	-0.05549	-0.08069	-0.05519	-0.10517	-0.09053
-0.03266	-0.12635	-0.07298	-0.05534	-0.06445	-0.04526	-0.11775	-0.07611	-0.09298	-0.0805
-0.03884	-0.06546	-0.0427	-0.01666	-0.04416	-0.04145	-0.11666	-0.10131	-0.0644	-0.04459
-0.06111	-0.05062	-0.02132	-0.01489	-0.07301	-0.05823	-0.10724	-0.08842	-0.07578	-0.06249
-0.04247	-0.057	-0.03704	-0.06196	-0.071	-0.07609	-0.08837	-0.04123	-0.09711	-0.04336
-0.02874	-0.06147	-0.06149	-0.0726	-0.03839	-0.02999	-0.08628	-0.0583	-0.10332	-0.02298
-0.04267	-0.08272	-0.02711	-0.03422	-0.02264	-0.02529	-0.11912	-0.06652	-0.06967	-0.01331
-0.04026	-0.06801	0.011985	-0.01972	-0.03662	-0.03101	-0.09862	-0.03832	-0.05619	-0.01905
-0.00849	-0.04578	0.013966	-0.04365	-0.0435	-0.02143	-0.03254	-0.00866	-0.06148	-0.02477
6.75E-04	-0.04724	-0.03695	-0.08399	-0.02418	-0.01751	-0.01614	-0.00961	-0.08066	-0.02221
-0.03105	-0.05389	-0.04973	-0.06107	-0.00525	-0.03725	-0.02131	0.020515	-0.06083	-0.01457
-0.02479	-0.06079	-0.02268	-0.04638	-0.03075	-0.04949	-0.05083	0.026369	-0.04838	-0.01907
-0.01282	-0.04088	-0.01203	-0.07609	-0.04335	0.004489	-0.02656	0.003622	-0.04925	-0.00812
-0.04216	-0.03926	0.009752	-0.05831	-0.01393	0.011426	-0.02801	-0.0269	-0.0505	0.005925
-0.04328	-0.06286	0.004526	-0.02662	-0.00496	-0.0307	-0.05037	-0.0371	-0.06767	-0.00745
-0.02332	-0.0802	-0.00543	-0.03656	-0.01416	-0.05444	-0.02728	-0.00728	-0.06226	-0.02229
-0.00243	-0.03482	-0.00781	-0.08461	-0.03439	-0.04544	-0.02752	-0.00399	-0.05216	-0.00622
0.015554	0.034661	0.017547	-0.07971	-0.02211	-0.03408	-0.02491	0.010182	-0.03049	-0.00363
-0.04637	0.027929	-0.00171	-0.01029	0.044612	-0.01254	-0.02104	-0.02986	-0.06756	-0.0422

-0.05723	-0.00232	-0.01488	0.007902	0.072315	-0.03729	-0.00707	-0.04971	-0.058	-0.07755
-0.04533	-0.00493	0.012449	0.019379	0.067353	-0.04598	0.002878	-0.03784	-0.00959	-0.04877
-0.04151	-0.00423	0.006852	-0.02183	0.028347	-0.04478	-7.12E-04	-0.03223	-0.01564	-0.04896
-0.02769	0.005297	-0.01399	-0.06853	-0.02314	-0.03921	-0.05856	-0.0772	-0.03716	-0.03749
-0.02277	0.001493	-0.04086	-0.02074	-0.02247	-0.021	-0.05333	-0.11195	-0.04598	0.008651
-0.00596	-0.01239	-0.06704	-0.01856	-0.01131	-0.01283	-0.04051	-0.10966	-0.05066	-0.02822
-0.03149	-0.02409	-0.07388	-0.03066	-0.01456	-0.03583	-0.01906	-0.04454	-0.01967	-0.09302
-0.05402	-0.04697	-0.02227	0.00447	0.010367	-0.0272	0.033914	0.001291	0.005824	-0.05771
-0.05406	-0.04814	-0.03464	-0.01733	0.043755	0.032074	0.047054	-0.04076	0.014418	-0.04778
-0.04661	-0.01695	-0.05755	-0.02485	0.003555	0.011142	-0.0156	-0.04352	0.020978	-0.0253
-0.05231	-0.01552	-0.02911	0.006333	-0.01688	-0.05056	-0.07356	-0.04717	0.007726	-0.01321
-0.05674	-0.00182	0.006474	0.038564	-0.01216	-0.04961	-0.03246	-0.02717	-0.01985	-0.06449
-0.00322	0.019112	0.013035	0.0639	0.025855	0.020069	0.030211	-0.01578	-0.02222	-0.05515
0.047047	0.003492	0.006752	0.053727	0.070235	0.073136	0.05034	-0.03955	-0.00305	-0.0166
0.045341	-0.02836	-0.0045	0.010591	0.011384	0.036294	-0.02633	-0.0151	0.0176	0.011744
0.022088	2.49E-05	0.026214	0.005571	-0.0534	-0.03237	-0.0518	-0.0132	-0.04886	-0.05111
0.040262	0.024389	0.020746	0.009235	-0.06797	-0.03289	-0.03287	-0.02711	-0.10021	-0.1027
0.059069	0.015664	-0.01911	0.032316	-0.04081	-0.03661	-0.03207	-0.00563	-0.0293	-0.03331
0.033258	-0.03943	-0.0361	0.005391	-0.02145	-0.02578	-0.08537	0.003601	0.028582	0.009868
-0.01819	-0.05723	-0.03754	-0.00194	-0.01466	0.01862	-0.04839	0.004227	0.010374	-0.00793
-0.00849	-0.01785	0.028345	0.017829	-0.00284	0.015777	0.012275	0.023105	-0.02474	-0.04668
0.052882	0.003999	0.046698	0.029193	8.04E-04	0.031137	-0.00604	-0.00473	-0.04309	-0.01762
0.013022	-0.04947	0.001484	0.044311	0.029704	0.01277	-0.04201	-0.02897	-0.02575	0.018906
0.001234	-0.01968	0.0219	0.043939	0.026994	0.020049	-0.04086	-0.00602	-0.01715	0.004526
0.038233	0.066436	0.073834	0.022494	0.029385	0.050338	-0.01888	-0.00117	-0.05429	-0.00346
0.041773	0.07719	0.052881	-0.00783	0.042922	0.075627	0.039211	0.025491	-0.07745	-0.01284
0.015431	-0.00451	0.01855	-0.01195	0.019274	0.078559	0.044171	0.018805	-0.09553	-0.0228
-0.01143	-0.04829	0.01492	0.052653	0.039259	0.018806	-0.00662	0.027426	-0.03972	-0.00946
-8.29E-05	-0.01756	0.026694	0.062184	0.075938	2.88E-04	-0.00772	0.045269	0.021821	-0.00793
0.028296	0.019679	0.061182	0.008245	0.049919	0.041186	0.043548	0.023498	0.021172	-0.01126
0.026047	0.06674	0.046654	-0.04813	0.013016	0.037415	0.063318	0.004374	-0.01459	-0.00952
0.043531	0.031498	0.039956	-0.02211	0.036597	0.059414	0.064717	0.02293	-0.01501	0.014067
5.55E-04	0.017562	0.054858	0.04631	0.082053	0.027768	0.051403	0.06189	0.005407	-0.00287
-0.06309	-0.0061	0.059716	0.035203	0.057619	-0.0385	0.039365	0.054461	-0.00868	-0.05131
-0.00215	0.011912	0.014433	0.013296	0.037029	-0.01804	0.031745	-0.02491	-0.00544	-0.05474
7.55E-04	0.020751	-0.02314	0.00397	0.034144	0.021586	0.033045	-0.08785	-0.04329	0.014287
-0.08815	0.019091	0.022851	0.018552	0.070258	0.028507	0.025193	-0.04119	-0.0164	-0.00348
-0.07946	0.026262	0.066569	0.057302	0.07788	0.009702	0.052241	0.055142	0.059059	0.016866
-0.02546	0.032405	0.04589	0.0393	0.016237	0.018682	0.062063	0.073229	0.059933	-0.00196
0.020853	0.031023	-0.00761	0.031762	0.010469	0.033911	0.019769	0.009505	-0.00332	-0.07387
-0.00688	0.016685	-0.0286	0.027967	0.025161	0.031648	-0.02905	-0.04628	-0.01523	-0.05644
0.023158	0.052393	0.011965	0.051515	0.030171	0.019344	0.025086	-0.00706	0.013292	-0.01288
0.008264	0.055873	0.039633	0.044925	-0.02067	-0.01451	0.053036	0.003872	0.010205	-0.01238
0.018934	0.028272	0.012813	0.032039	-0.06642	-0.03432	-0.02732	-0.08179	-0.00952	-0.05977
0.042695	-2.56E-04	-0.03127	0.024227	-0.04339	-0.00271	-0.05464	-0.06382	-0.00332	-0.05708
0.006157	-0.01561	-0.05669	0.020788	0.013998	0.045232	-0.00584	-0.01932	0.020633	0.001698
-0.02163	0.008602	-0.03442	-0.03521	0.02025	0.062695	0.040644	-0.00292	0.016979	-0.04729

-0.01537	0.005054	-0.0021	-0.02801	0.002536	0.064621	0.075115	0.043641	0.028538	-0.05723
0.009301	-0.03345	-0.0152	-0.00915	-0.03116	0.009762	0.007623	0.05364	-0.03636	-0.03602
-0.00365	-0.07124	-0.0084	0.002117	-0.01192	0.019613	-0.03272	0.009335	-0.03374	-0.00722
-0.00983	-0.05361	0.016486	0.032572	0.025182	0.043872	-0.04416	-0.02031	-0.02951	-0.02877
-0.00882	-0.01016	0.011905	0.007761	-0.00402	0.03135	-0.04109	-0.00481	-0.0409	-0.05399
1.16E-04	0.004242	0.020232	-0.05317	-0.04509	0.027662	-0.0289	-0.03248	-0.08235	-0.05116
-0.02078	-0.03756	0.013987	-0.0531	-0.06455	0.025347	-0.0093	-0.0158	-0.08298	-0.01615
-0.03866	-0.04985	0.011804	-0.03765	-0.00696	0.033462	-0.0117	0.007142	-0.06273	-0.01729
0.00642	-0.02619	0.027445	-0.03001	0.014675	0.0234	-0.04131	0.00452	-0.02953	0.009607
0.00924	-0.01303	0.010435	-0.02692	-0.01086	-0.00354	-0.04787	0.003935	-0.00916	0.005667
-0.00126	-0.00324	0.014696	-0.03345	0.009961	0.018145	-0.01038	-0.00577	-0.04534	-0.03163
-0.03507	-0.04636	7.75E-04	-0.06182	0.001858	0.004269	0.018507	-0.04267	-0.07318	-0.03122
-0.00261	-0.02491	0.024716	-0.0422	0.001659	-0.05283	-0.00674	-0.03765	-0.04391	-0.03127
0.047447	0.005257	0.042739	0.025505	0.031172	-0.01766	5.15E-04	-0.02147	-0.02747	-0.04832
0.020853	-0.0251	-0.00531	-0.04383	0.031875	0.006113	-0.01311	-0.01678	-0.05081	-0.03362
-0.057	-0.0622	-0.03597	-0.0907	0.002317	-0.05146	-0.0325	-0.10924	-0.10186	-0.02726
-0.10034	-0.05176	-0.08109	-0.09735	-0.02071	-0.06894	-0.02656	-0.09342	-0.06381	-0.0305
-0.07564	-0.05215	-0.06304	-0.06782	-0.02185	-0.0667	-0.01937	-0.00487	-0.01642	-0.05297
-0.05573	-0.04721	0.00409	-0.04153	-0.02691	-0.07296	3.22E-05	-0.02285	-0.04137	-0.10166
-0.04098	-0.0371	-0.01552	-0.05221	-0.0039	-0.09429	-0.01498	-0.03152	-0.06192	-0.06973
-0.01216	-0.02138	-0.05028	-0.0663	-0.02198	-0.06946	-0.01969	-0.04367	-0.05589	-0.0259
-0.04127	-0.01731	-0.02322	-0.04381	-0.03008	-0.01918	-0.02459	-0.04372	-0.05836	-0.07049
-0.05259	-0.01864	0.002726	-0.01048	-0.02247	-0.04269	-0.00723	-0.01612	-0.04322	-0.09318
-0.03544	-0.00888	-0.00752	-0.02106	-0.02037	-0.06335	-0.01184	-0.03363	-0.05024	-0.0959
-0.0391	-0.00754	-0.04996	-0.05801	0.006806	-0.02994	-0.01248	-0.0628	-0.05836	-0.09068
-0.0789	-0.02419	-0.08003	-0.06478	-0.03819	-0.00475	-0.02457	-0.08186	-0.05081	-0.08376
-0.12456	-0.05807	-0.07408	-0.02894	-0.08738	-0.05705	-0.08226	-0.06965	-0.04039	-0.06227
-0.09255	-0.02778	-0.05384	-0.03479	-0.07254	-0.09224	-0.08277	-0.07001	-0.07311	-0.09053
-0.05869	-0.03473	-0.04189	-0.03224	-0.0267	-0.06946	-0.0195	-0.05389	-0.081	-0.11383
-0.06242	-0.03229	-0.05459	-0.04279	-0.02817	-0.05387	-0.02017	-0.07689	-0.03865	-0.06744
-0.07336	-0.03617	-0.08883	-0.05616	-0.03079	-0.0246	-0.05377	-0.05289	-0.06048	-0.05883
-0.07395	-0.04312	-0.07716	-0.03047	-0.02957	-0.00867	-0.06459	-0.05208	-0.06276	-0.06969
-0.06099	-0.01658	-0.04861	-0.04286	-0.07133	-0.02742	-0.05383	-0.03497	-0.06666	-0.09047
-0.06787	-0.04027	-0.08008	-0.04395	-0.08647	-0.04033	-0.04356	-0.04042	-0.10549	-0.11481
-0.07534	-0.05119	-0.10935	-0.02256	-0.03779	-0.04211	-0.09022	-0.05759	-0.06353	-0.10897
-0.05365	-0.04173	-0.07903	-0.03908	-0.02028	-0.0374	-0.10091	-0.04799	-0.04868	-0.09609
-0.05185	-0.05814	-0.07452	-0.08842	-0.05866	-0.03433	-0.07642	-0.06008	-0.10271	-0.06671
-0.01255	-0.04113	-0.09682	-0.11146	-0.06096	-0.04096	-0.04754	-0.06357	-0.11485	-0.08029
-0.01108	-0.02943	-0.05461	-0.07007	-0.04846	-0.029	-0.0485	-0.04917	-0.13762	-0.13155
-0.04393	-0.07457	-0.04223	-0.03195	-0.03946	-0.04846	-0.04597	-0.02328	-0.13159	-0.10798
-0.0456	-0.10961	-0.04458	-0.03446	-0.05178	-0.07093	-0.02975	-0.01075	-0.11751	-0.0678
-0.04375	-0.08509	-0.01834	-0.00182	7.84E-04	-0.04439	-0.03522	-0.02015	-0.07595	-0.0498
-0.04707	-0.0555	0.009652	-0.0087	0.019585	-0.00104	-0.00115	-0.03617	-0.07826	-0.06982
-0.04533	-0.07561	-0.00921	-0.0282	0.009251	0.010654	0.003608	-0.04062	-0.10142	-0.07443
-0.03153	-0.06496	-0.01758	-0.03165	-0.03399	-0.05558	-0.03248	-0.03617	-0.09961	-0.07317
-0.02169	-0.02472	-0.02997	-0.04245	-0.03969	-0.06879	-0.04731	-0.0551	-0.08534	-0.08166
-0.02044	-0.05054	-0.03937	-0.06599	-0.00729	-0.04181	-0.04983	-0.08184	-0.05558	-0.06929

-0.00324	-0.05895	-0.01922	-0.06764	-0.01034	-0.03792	-0.04044	-0.09241	-0.08415	-0.05927
-0.05372	-0.07507	-0.01	-0.04721	-0.01483	-0.04213	-0.05459	-0.07308	-0.09565	-0.05335
-0.09312	-0.06646	-0.03074	-0.02434	-0.04545	-0.05259	-0.01633	-0.0282	-0.06251	-0.07402
-0.05327	-0.02842	-0.07092	-0.05983	-0.06954	-0.08767	-0.03069	-0.03315	-0.04756	-0.09748
-0.01844	-0.01993	-0.03255	-0.02299	0.004235	-0.05646	-0.06837	-0.11121	-0.07602	-0.09153
-0.05583	-0.02388	0.041961	0.0366	0.041851	-0.0372	-0.05457	-0.10448	-0.07695	-0.06345
-0.07738	-0.03185	0.00845	-0.01087	0.014265	-0.03081	-0.03289	-0.08177	-0.06932	-0.07225
-0.0515	-0.02604	-0.09016	-0.04584	-0.0738	-0.06101	-0.0495	-0.0913	-0.05877	-0.10763
-0.03661	-0.0077	-0.0665	-0.05107	-0.06693	-0.06681	-0.06704	-0.0968	-0.05811	-0.10766
-0.03864	0.003492	-0.01038	-0.02068	-0.0542	-0.03926	-0.06	-0.11498	-0.10486	-0.11952
-0.06332	-0.02403	-0.00671	-0.00631	-0.02804	-0.06046	-0.06923	-0.08629	-0.07041	-0.10977
-0.09427	-0.08058	-0.04541	-0.04097	-0.04659	-0.02645	0.005132	0.052354	-0.01135	-0.09151
-0.03751	-0.04106	-0.08846	-0.07537	-0.0773	-0.02911	-0.00389	0.033956	-0.04672	-0.12317
-0.01209	-0.0128	-0.08678	-0.06069	-0.04296	-0.0441	-0.07674	-0.09457	-0.1031	-0.12654
-0.02074	0.003169	-0.04596	-0.0284	-0.05769	-0.05507	-0.122	-0.13483	-0.12322	-0.10213
-0.04241	-0.00586	-0.06108	-0.0343	-0.06497	-0.03761	-0.10718	-0.09261	-0.06067	-0.07504
-0.05229	-0.02652	-0.03608	-0.01698	-0.06509	-0.00161	-0.03042	-0.046	-0.04704	-0.09266
-0.03236	-0.02538	-0.0024	-0.03018	-0.10167	-0.01703	-0.05656	-0.03535	-0.09976	-0.11709
-0.06296	-0.06675	-0.07627	-0.04418	-0.08415	-0.02918	-0.10448	-0.08781	-0.13761	-0.11626
-0.09925	-0.06014	-0.05906	-0.0389	-0.01971	-0.04015	-0.09239	-0.07693	-0.10178	-0.09299
-0.09828	-0.03798	-0.013	-0.03765	-0.0447	-0.03156	-0.1121	-0.0916	-0.07945	-0.10548
-0.07388	-0.02616	0.001937	-0.06824	-0.06727	0.005731	-0.06532	-0.06845	-0.11441	-0.10625
-0.04079	-0.0652	-0.03133	-0.0615	-0.09504	-0.05181	-0.05319	-0.0245	-0.11026	-0.08425
-0.0196	-0.03108	-0.02167	-0.03837	-0.07574	-0.07197	-0.11823	-0.08478	-0.12548	-0.0851
0.012796	0.04347	0.001444	-0.01351	-0.06877	-0.05592	-0.11447	-0.1194	-0.11037	-0.08521
0.002274	0.047662	0.009391	-0.03637	-0.06275	-0.04285	-0.06573	-0.0784	-0.0851	-0.06621
-0.06349	-0.03691	0.003121	-0.0704	-0.03724	-0.05495	-0.06301	-0.06102	-0.08882	-0.09364
-0.06171	-0.0838	-0.02635	-0.08625	-0.02936	-0.06573	-0.10576	-0.13294	-0.13987	-0.09426
-0.05199	-0.08931	-0.04671	-0.07652	-0.04591	-0.06447	-0.12647	-0.10375	-0.08723	-0.08078
-0.0179	-0.05453	-0.03377	-0.05433	-0.04332	-0.06889	-0.10101	-0.06335	-0.06362	-0.1023
-0.02522	-0.05122	-0.02689	-0.08872	-0.06333	-0.06112	-0.06627	-0.06159	-0.09432	-0.10833
-0.0214	-0.03974	-0.02589	-0.08638	-0.06699	-0.08203	-0.05937	-0.08935	-0.11817	-0.10816
-0.02063	-0.04988	-0.03202	-0.07165	-0.03289	-0.07219	-0.04954	-0.07719	-0.07208	-0.06662
-0.04093	-0.06518	-0.02889	-0.04493	-0.01838	-0.05236	-0.05149	-0.05107	-0.03742	-0.05723
-0.04846	-0.07052	-0.04749	-0.0569	-0.02767	-0.05809	-0.01894	-0.01692	-0.03504	-0.07912
-0.01209	-0.03215	-0.06481	-0.0541	-0.01802	-0.04988	-0.03511	-0.05846	-0.02685	-0.08503
-0.04987	-0.01843	-0.05999	-0.05263	-0.05431	-0.03836	-0.06247	-0.09769	-0.00973	-0.05756
-0.06975	-0.03765	-0.02676	-0.03603	-0.08695	-0.06534	-0.06923	-0.09307	-0.06216	-0.09309
-0.01581	-0.04339	-0.03149	-0.01077	-0.05471	-0.05898	-0.04263	-0.09153	-0.09601	-0.13605
-0.02713	-0.04631	-0.04763	-0.00931	-0.01462	-0.03457	-0.04574	-0.09214	-0.07348	-0.06645
-0.06504	-0.0177	-0.07142	-0.04293	-0.05537	-0.04951	-0.05786	-0.08124	-0.07341	-0.03864
-0.0869	-0.04368	-0.09281	-0.05412	-0.06727	-0.03638	-0.08484	-0.10614	-0.05722	-0.07843
-0.08421	-0.06295	-0.08104	-0.03672	-0.08559	-0.06731	-0.11742	-0.11556	-0.06705	-0.10215
-0.02284	-0.03123	-0.04535	-0.03503	-0.07418	-0.09492	-0.06849	-0.07117	-0.07222	-0.11936
-0.00747	-0.01398	-0.05894	-0.0507	-0.01489	-0.03257	-0.04722	-0.09028	-0.07025	-0.10779
-0.05381	-0.0358	-0.0491	-0.03239	-0.04705	-0.01599	-0.06271	-0.08423	-0.05536	-0.07965
-0.07383	-0.04343	-0.03585	-0.00616	-0.07202	-0.03698	-0.07145	-0.05006	-0.07509	-0.07429

-0.08206	-0.03665	-0.03873	-0.05633	-0.07505	-0.04215	-0.08037	-0.08138	-0.12603	-0.08228
-0.03535	-0.00805	-0.0169	-0.04119	-0.08041	-0.07902	-0.1098	-0.11645	-0.11679	-0.07972
-0.02452	-0.04337	-0.03718	-8.47E-05	-0.00892	-0.05891	-0.10303	-0.07057	-0.0573	-0.04238
-0.0352	-0.08226	-0.07179	-0.02192	0.008361	-0.02028	-0.09684	-0.04924	-0.05278	-0.0442
-0.05348	-0.06347	-0.07872	-0.06082	-0.0525	-0.04038	-0.0689	-0.04775	-0.07682	-0.05741
-0.0576	-0.01534	-0.0286	-0.04796	-0.07271	-0.05413	-0.05749	-0.05981	-0.09497	-0.07516
-0.00767	-0.00984	-0.04643	-0.03246	-0.0206	-0.02415	-0.06642	-0.07905	-0.07713	-0.09044
0.004403	-0.05398	-0.07954	-0.0325	-0.01131	9.82E-04	-0.07782	-0.06458	-0.07771	-0.05271
-0.06478	-0.09122	-0.06355	-0.04771	-0.05578	-0.0252	-0.05358	-0.03252	-0.08894	-0.0515
-0.07053	-0.06399	-0.01941	-0.04223	-0.075	-0.08038	-0.10105	-0.04408	-0.10904	-0.07171
-0.02133	-0.03296	-0.00528	-0.03841	-0.07574	-0.08946	-0.10051	-0.06289	-0.14168	-0.1251
-0.01298	-0.06335	-0.02781	-0.02241	-0.01771	-0.03479	-0.09939	-0.10285	-0.14698	-0.10899
-0.04481	-0.09667	-0.01128	-0.03088	-0.01339	-0.04735	-0.06634	-0.08026	-0.1182	-0.07139
-0.02362	-0.07708	-0.03896	-0.0819	-0.0435	-0.07443	-0.03624	-0.04158	-0.08562	-0.07056
-0.00767	-0.01807	-0.0207	-0.08446	-0.04759	-0.07611	-0.03492	-0.05377	-0.06848	-0.06325
-0.02345	-0.04683	-8.14E-04	-0.03607	-0.01477	-0.06818	-0.05401	-0.08078	-0.11066	-0.06179
-0.07786	-0.0725	-0.00756	-0.02485	0.011873	-0.07386	-0.07084	-0.08155	-0.09695	-0.05031
-0.10307	-0.0743	-0.02827	-0.05723	-0.02478	-0.07012	-0.06483	-0.05517	-0.04391	-0.03414
-0.05986	-0.06484	-0.05848	-0.08088	-0.06167	-0.09986	-0.06097	-0.09773	-0.05095	-0.09253
-0.01495	-0.05869	-0.07975	-0.1112	-0.04849	-0.06541	-0.04038	-0.11811	-0.0919	-0.12168
-0.01761	-0.05571	-0.0326	-0.03893	0.00138	-0.03005	-0.05197	-0.09241	-0.07687	-0.06383
-0.05679	-0.04399	0.003734	-0.0127	0.015229	-0.02567	-0.0478	-0.03185	-0.08078	-0.06503
-0.09228	-0.04814	-0.03995	-0.05324	-0.01743	-0.0361	-0.05162	-0.07276	-0.06899	-0.07387
-0.08526	-0.05744	-0.08391	-0.07501	-0.04312	-0.08455	-0.04347	-0.11629	-0.06146	-0.06766
-0.04033	-0.04124	-0.0727	-0.05551	-0.03193	-0.07569	-0.07297	-0.14148	-0.09464	-0.09855
-0.05348	-0.028	0.001188	0.003451	0.02947	-0.03767	-0.07438	-0.13799	-0.12396	-0.08671
-0.04456	-0.03669	-0.01852	-0.04445	-0.00551	-0.04446	-0.02709	-0.08668	-0.07996	-0.06787
-0.02047	-0.02207	-0.07448	-0.05417	-0.04283	-0.04285	-0.03057	-0.0913	-0.04728	-0.0847
-0.03164	-0.00809	-0.01632	-0.00596	-0.02659	-0.03243	-0.08121	-0.12679	-0.11268	-0.15542
-0.04167	-0.02733	-0.0045	-0.03066	-0.0373	-0.07861	-0.09626	-0.14943	-0.13773	-0.17002
-0.07526	-0.05888	-0.02629	-0.02217	-0.01927	-0.06213	-0.05941	-0.10898	-0.07356	-0.08772
-0.07318	-0.03877	-0.02491	-0.00697	-0.04698	-0.02295	-0.0437	-0.05452	-0.05278	-0.06481
-0.03492	-0.0235	-0.07489	-0.04709	-0.1185	-0.05176	-0.0653	-0.04884	-0.06349	-0.11464
-0.05679	-0.0227	-0.07849	-0.05741	-0.10219	-0.03899	-0.07049	-0.07841	-0.08296	-0.13661
-0.08826	-0.04983	-0.04408	-0.03579	-0.06649	-0.03885	-0.06967	-0.0916	-0.04674	-0.04974
-0.07514	-0.01554	-0.00238	-0.00361	-0.04463	-0.06587	-0.09283	-0.06916	-0.02115	-0.02225
-0.05802	-0.02568	-0.02057	-0.06017	-0.04491	-0.06039	-0.07063	-0.04008	-0.03323	-0.04154
-0.04743	-0.06307	-0.04525	-0.07732	-0.05593	-0.06223	-0.09734	-0.05322	-0.10287	-0.08498
-0.05244	-0.04694	-0.01611	-0.00927	-0.02294	-0.04956	-0.09784	-0.07329	-0.10919	-0.11314
-0.0485	-0.01699	-0.00944	0.006153	-0.03118	-0.03975	-0.07394	-0.06247	-0.03329	-0.05831
-0.03727	-0.04235	-0.02773	0.011809	-0.01705	-0.00522	-0.04808	-0.02128	-0.00666	-0.06543
-0.01032	-0.05737	-0.02801	-0.05732	-0.02035	-0.01924	-0.07382	-0.01258	-0.03598	-0.0696
-0.03787	-0.08068	-0.01738	-0.05971	-0.02425	-0.06245	-0.11464	-0.03625	-0.05467	-0.03645
0.012652	-0.02316	-0.00756	-0.04849	-0.03933	-0.0676	-0.09631	-0.06351	-0.07874	-0.03916
0.043729	0.04245	0.023596	-0.04973	-0.04321	-0.04412	-0.07602	-0.05243	-0.09192	-0.06561
0.029915	0.03822	0.018959	-0.04981	-0.06501	-0.02173	-0.01888	-0.03447	-0.07862	-0.03256
-0.0284	-0.03776	-0.01717	-0.03263	-0.03201	-0.0477	-0.02711	-0.0475	-0.09959	-0.06312

-0.03267	-0.05785	-0.01029	-0.01782	0.01564	-0.05551	-0.06974	-0.04109	-0.08148	-0.09151
0.00535	-0.028	-0.01163	-0.03305	6.45E-04	-0.03496	-0.07201	-0.01821	-0.05767	-0.0969
0.009342	-0.02419	-0.02994	-0.08015	-0.04801	-0.0237	-0.06649	-0.02063	-0.07205	-0.07864
-0.01446	-0.03063	-0.0146	-0.06041	-0.05392	-0.05339	-0.08139	-0.04873	-0.04383	-0.02646
-0.05869	-0.04379	-0.0046	-0.03557	-0.0238	-0.08945	-0.11333	-0.08432	-0.02928	-0.0199
-0.06541	-0.06856	-0.00915	-0.02123	-0.01716	-0.06769	-0.08656	-0.09614	-0.05942	-0.06457
-0.01125	-0.03536	0.00807	-0.04836	-0.0354	-0.04448	-0.04097	-0.02891	-0.07764	-0.06678
-0.04344	-0.01381	0.004903	-0.07279	-0.0304	-0.04346	-0.01641	-0.01514	-0.06406	-0.04401
-0.05693	-0.0075	0.018079	-0.04709	-0.02149	-0.05965	-0.01602	-0.06734	-0.06995	-0.05461
-0.05423	-0.02985	-0.01535	-0.04572	-0.05564	-0.11038	-0.05263	-0.10672	-0.06726	-0.06842
0.005471	-0.00833	-0.04111	-0.09114	-0.0763	-0.0779	-0.0592	-0.07133	-0.04875	-0.07466
-0.00401	-0.00142	0.01247	-0.05108	-1.29E-04	-0.03479	-0.04336	-0.02003	-0.06675	-0.06933
-0.04138	-0.01683	0.018775	0.021474	0.025855	-0.04804	-0.02154	-0.04094	-0.0524	-0.06356
-0.0566	-0.02736	-0.0014	0.015506	0.015866	-0.04915	-0.01925	-0.05342	-0.00957	-0.04675
6.15E-04	-0.02985	-0.01094	-0.03559	0.013548	-0.03285	-0.01581	-0.0122	0.010585	-0.04266
0.055885	-4.17E-04	-0.03567	-0.04858	0.035111	0.03722	0.006417	-0.00239	-0.02585	-0.04858
-0.01073	0.008848	-0.0409	-0.02673	0.035197	0.048297	0.005458	-0.07738	-0.02168	0.006508
-0.05658	0.008521	-0.03986	-0.01871	0.021978	-0.00344	-0.00974	-0.09529	-0.0085	0.025601
-0.02651	-0.00461	-0.02191	-0.0101	0.013077	-0.06599	-0.05567	-0.08444	-0.02164	-0.0379
-0.00543	-0.01272	-0.01723	-0.02645	0.004957	-0.04505	0.004502	0.027448	0.015868	-0.06138
-0.02156	-0.01751	-0.03487	-0.0058	0.031619	0.016497	0.03708	0.034964	6.34E-05	-0.00827
-0.01769	0.015955	-0.01405	-0.00573	-0.0092	-0.00181	-5.51E-04	-0.01026	0.004262	-0.01378
-0.0204	0.028507	-0.06541	-0.01197	-0.05413	-0.02911	-0.01484	6.27E-04	-0.02501	-0.07704
-0.02388	0.027159	-0.06293	-0.02204	-0.04475	-0.00395	-0.01792	0.007752	-0.04163	-0.05646
-0.00387	0.002643	-0.03977	0.00162	-0.01849	-0.01275	-0.02903	-0.04839	-0.00783	-0.0461
-0.01005	-0.06309	-0.04173	0.011261	-0.00684	0.006957	-0.03527	-0.04359	0.019619	0.009172
-0.00484	-0.04874	-0.05778	-0.00715	-0.04301	0.027726	-0.01692	-0.01496	0.006241	-0.02201
-0.04059	-0.01412	-0.06048	-0.02857	-0.05303	0.016332	0.026602	0.008997	-0.03738	-0.08633
-0.0326	-0.05119	-0.08798	-0.0282	-0.04865	-0.0181	0.030966	0.017338	-0.02555	-0.03467
-0.02332	-0.08659	-0.06443	0.021723	-0.00588	-0.02604	-0.02086	-0.01672	-0.0024	-0.03056
0.006642	-0.02585	-0.02526	0.00395	-0.01016	0.006715	-0.0439	-0.01464	0.019167	0.008456
0.003397	-0.01849	-0.02064	-0.03316	-0.04294	0.008388	-0.03878	-0.03087	-0.00991	-0.00409
-0.04037	-0.00353	-0.02064	-0.02545	-0.05833	-0.03171	-0.04927	-0.02655	-0.04818	-0.03541
-0.01731	-0.0202	-0.01963	-0.01004	-0.0484	-0.04251	-0.06497	-0.03575	-0.04578	-0.05361
-0.04055	-0.09656	-0.01813	-0.01337	-0.0212	-0.01984	-0.09255	-0.04965	-0.01107	-0.00517
-0.03753	-0.08445	-0.01656	-0.03219	-0.03959	-0.03167	-0.08655	-0.0475	-0.00562	0.021938
-0.00563	-0.03464	-0.0253	-0.06567	-0.06213	-0.0353	-0.0991	-0.05287	-0.07614	3.33E-04
-0.00692	-0.0086	-0.0226	-0.02848	-0.05555	-0.03173	-0.10562	-0.01875	-0.07434	-0.01409
-0.0046	-0.02744	0.001326	0.003451	-0.01366	0.006615	-0.04418	0.022211	-0.03804	-0.04236
-0.01694	-0.07731	-0.02709	-0.00849	-0.03397	-0.01476	-0.05555	0.012455	-0.00846	-0.02526
-0.04526	-0.08264	-0.0462	-0.03521	-0.02215	-0.04254	-0.0616	-0.01791	-0.02228	-0.00835
-0.03308	-0.08179	-0.02212	-0.04739	-0.0279	-0.01608	-0.03362	-0.02053	-0.04034	-0.0467
0.003839	-0.01876	-0.00444	-0.03221	-0.04785	-0.00698	-0.02466	-0.02126	-0.0542	-0.03418
-0.02424	-0.0761	-0.02348	9.85E-04	0.013159	0.00343	-0.03734	-0.05028	-0.07912	-0.05101
-0.04104	-0.12565	-0.03116	-0.00723	0.006645	-0.0446	-0.03825	-0.01966	-0.03925	-0.02688
-0.06958	-0.10466	-0.00481	-0.04547	-0.04477	-0.13084	-0.05351	-0.02886	-0.05507	-0.01582
-0.07795	-0.07472	-0.00873	-0.07683	-0.07861	-0.13218	-0.06273	-0.07746	-0.10119	-0.05006

-0.05826	-0.04479	-0.0195	-0.069	-0.07423	-0.0516	-0.02226	-0.07152	-0.11093	-0.06229
-0.02651	-0.04299	-0.04504	-0.0481	-0.03425	-0.01838	-0.04407	-0.02354	-0.03294	-0.03629
-0.01176	-0.06511	-0.03997	-0.05668	-0.03399	-0.02514	-0.05798	-0.02674	-0.02955	-0.02124
-0.04844	-0.07516	-0.01741	-0.07282	-0.0509	-0.04392	-0.03736	-0.05453	-0.04563	-0.02973
-0.06373	-0.09493	-0.0515	-0.0955	-0.09141	-0.03279	-0.0289	-0.05601	-0.07434	-0.03659
-0.04521	-0.08168	-0.03125	-0.0515	-0.0702	-0.01461	-0.04394	-0.04969	-0.05874	-0.02748
-0.04093	-0.06461	-0.01577	-0.01314	-0.05537	-0.00986	-0.03371	-0.02965	-0.01906	-0.02007
-0.08758	-0.07076	-0.02158	-0.01145	-0.01689	-0.02764	-0.0319	-0.04325	-0.04826	-0.03394
-0.07119	-0.06864	-0.01647	-0.04567	-0.00471	-0.03807	-0.04518	-0.06476	-0.07601	-0.05779
-0.05662	-0.12696	-0.07066	-0.08785	-0.05021	-0.02914	-0.03698	-0.08053	-0.11147	-0.07516
-0.05727	-0.08253	-0.07703	-0.06983	-0.04253	-0.02299	-0.07568	-0.06808	-0.08298	-0.03315
-0.04997	-0.07425	-0.052	-0.02299	-0.02235	-0.04633	-0.10099	-0.05433	-0.03718	-0.03173
-0.046	-0.08218	-0.03677	-0.03358	-0.0251	-0.05829	-0.05461	-0.04019	-0.02637	-0.036
-0.04677	-0.0861	-0.04127	-0.04615	-0.02373	-0.04211	-0.01091	-0.02122	-0.0307	-0.06172
-0.03411	-0.03595	-0.01681	-0.03541	-0.05918	-0.02692	-0.01354	-0.02393	-0.05969	-0.0629
-0.0369	-0.04206	-0.02184	-0.00791	-0.02113	0.023755	-0.02911	-0.01196	-0.09187	-0.07346
-0.05662	-0.08733	-0.03103	-0.00326	0.004275	0.037523	-0.02822	0.004186	-0.03561	-0.03207
-0.01721	-0.06135	-0.02867	-0.03687	-0.02077	-0.03783	-0.05454	-0.01288	-0.03803	0.001719
-0.05371	-0.0934	-0.05068	-0.0615	-0.07382	-0.09649	-0.11762	-0.02862	-0.06512	-0.02995
-0.08395	-0.06456	-0.05537	-0.07789	-0.0757	-0.04639	-0.08297	-0.03611	-0.07771	-0.08531
-0.05878	-0.03689	-0.07474	-0.05631	-0.04782	-0.02273	-0.06301	-0.05175	-0.03774	-0.07056
-0.00995	-0.04517	-0.05409	-0.03759	-0.0719	-0.01829	-0.06203	-0.04913	-0.03753	-0.06048
0.022759	-0.04128	-0.05968	-0.03514	-0.08746	-0.01682	-0.0756	-0.04469	-0.0578	-0.05071
-0.05164	-0.05339	-0.05007	-0.03435	-0.07592	-0.0546	-0.08524	-0.03354	-0.04286	-0.04733
-0.1269	-0.06582	-0.03136	-0.02948	-0.06201	-0.04644	-0.05716	-0.05869	-0.05542	-0.08165
-0.0724	-0.05478	-0.0887	-0.05844	-0.07184	-0.05362	-0.06438	-0.08263	-0.04378	-0.04447
-0.05807	-0.06773	-0.08556	-0.03712	-0.08893	-0.08658	-0.09578	-0.07661	-0.03767	-2.20E-04
-0.05889	-0.06849	-0.09043	-0.02699	-0.05396	-0.05225	-0.11143	-0.09234	-0.08568	-0.04122
-0.12797	-0.06679	-0.09076	-0.07569	-0.11128	-0.10889	-0.08191	-0.07168	-0.08788	-0.07883
-0.12275	-0.04726	-0.0527	-0.08826	-0.14229	-0.11253	-0.06747	-0.08585	-0.10215	-0.11202
-0.06939	-0.05211	-0.0749	-0.04624	-0.07472	-0.06458	-0.07541	-0.10581	-0.07516	-0.09544
-0.06687	-0.02812	-0.10296	-0.04497	-0.03232	-0.04121	-0.08119	-0.11907	-0.06087	-0.08945
-0.11683	-0.0858	-0.12556	-0.09901	-0.10057	-0.08085	-0.09875	-0.13367	-0.05906	-0.08149
-0.13594	-0.09314	-0.07525	-0.06527	-0.10618	-0.10491	-0.10406	-0.14009	-0.07309	-0.10344
-0.09102	-0.07797	-0.02876	-0.07029	-0.07346	-0.08632	-0.04234	-0.0715	-0.11354	-0.11044
-0.02616	-0.04778	-0.0497	-0.08755	-0.05483	-0.02383	-0.01779	-0.06335	-0.13003	-0.09258
-0.06022	-0.02477	-0.04452	-0.06283	-0.05499	-0.03125	-0.03688	-0.07738	-0.05994	-0.07729
-0.11668	-0.09797	-0.07254	-0.06384	-0.04878	-0.05037	-0.02417	-0.08536	-0.03555	-0.0384
-0.10059	-0.10973	-0.05749	-0.08508	-0.08684	-0.09975	-0.03312	-0.06154	-0.03024	-0.03823
-0.0458	-0.05373	-0.05666	-0.08583	-0.09133	-0.08996	-0.06194	-0.05517	-0.06858	-0.04843
-0.03775	-0.05174	-0.07741	-0.09746	-0.08276	-0.06567	-0.07455	-0.05799	-0.09664	-0.05438
-0.08079	-0.10553	-0.08833	-0.12085	-0.08941	-0.09346	-0.09172	-0.105	-0.0989	-0.0621
-0.09955	-0.15648	-0.13876	-0.15036	-0.10787	-0.14087	-0.12321	-0.11855	-0.12988	-0.06716
-0.09929	-0.15079	-0.11868	-0.11407	-0.11574	-0.15543	-0.15085	-0.09919	-0.09583	-0.06142
-0.0861	-0.09306	-0.05774	-0.08262	-0.10419	-0.106	-0.12112	-0.06344	-0.08444	-0.08994
-0.08321	-0.06653	-0.05709	-0.12826	-0.16147	-0.09713	-0.10953	-0.05186	-0.07576	-0.0877
-0.09673	-0.1158	-0.0987	-0.12534	-0.10693	-0.09686	-0.11709	-0.08496	-0.10003	-0.06643

-0.0876	-0.14323	-0.10952	-0.11398	-0.07226	-0.07608	-0.11212	-0.09743	-0.1157	-0.10728
-0.06368	-0.0719	-0.04756	-0.08219	-0.10838	-0.10376	-0.12978	-0.09962	-0.10132	-0.0967
-0.08774	-0.05799	-0.05478	-0.08635	-0.16338	-0.12685	-0.08556	-0.08802	-0.07093	-0.09032
-0.10116	-0.12549	-0.07159	-0.08897	-0.08248	-0.08998	-0.12232	-0.12893	-0.07709	-0.10761
-0.06978	-0.11774	-0.06421	-0.0895	-0.06225	-0.05336	-0.12257	-0.09839	-0.07467	-0.12432
-0.0524	-0.07981	-0.1004	-0.09673	-0.09643	-0.06353	-0.10961	-0.08422	-0.07556	-0.11497
-0.0967	-0.059	-0.08255	-0.06186	-0.0763	-0.06192	-0.09536	-0.10964	-0.08447	-0.08362
-0.09543	-0.07857	-0.08896	-0.08149	-0.10321	-0.06516	-0.04738	-0.06654	-0.08126	-0.08048
-0.06296	-0.09675	-0.08501	-0.06398	-0.08046	-0.04589	-0.04137	-0.06752	-0.08298	-0.09593
-0.04634	-0.08977	-0.05556	-0.04105	-0.04146	-0.02361	-0.07287	-0.0728	-0.09905	-0.12235
-0.04198	-0.10496	-0.08367	-0.04227	-0.07935	-0.08026	-0.09724	-0.08893	-0.08469	-0.09675
-0.0783	-0.07812	-0.06674	-0.07655	-0.13126	-0.10159	-0.06625	-0.05179	-0.04996	-0.04301
-0.09533	-0.08415	-0.09661	-0.07496	-0.14229	-0.07252	-0.07684	-0.05192	-0.04722	-0.08937
-0.10042	-0.08833	-0.09663	-0.06572	-0.123	-0.06077	-0.08826	-0.08323	-0.07426	-0.13266
-0.06296	-0.06905	-0.09036	-0.07287	-0.09657	-0.05053	-0.07063	-0.09054	-0.0561	-0.09552
-0.09054	-0.06272	-0.07965	-0.06263	-0.0507	-0.07014	-0.08344	-0.09467	-0.04268	-0.0528
-0.10061	-0.07081	-0.05977	-0.08262	-0.09616	-0.09901	-0.0461	-0.0521	-0.03147	-0.04847
-0.07452	-0.11216	-0.08289	-0.06635	-0.10541	-0.08077	-0.03003	-0.0261	-0.03963	-0.07274
-0.06823	-0.09028	-0.0998	-0.08627	-0.08775	-0.05507	-0.06542	-0.0521	-0.06983	-0.09479
-0.04512	-0.07775	-0.10254	-0.07622	-0.06094	-0.032	-0.0829	-0.09786	-0.06643	-0.07684
-0.06893	-0.0514	-0.05819	-0.06836	-0.06354	-0.05934	-0.05928	-0.06263	-0.05657	-0.05063
-0.09081	-0.04742	-0.06215	-0.05775	-0.10172	-0.06321	-0.04439	-0.05013	-0.08256	-0.11929
-0.10476	-0.09877	-0.07929	-0.05279	-0.10997	-0.09659	-0.09661	-0.123	-0.07814	-0.10665
-0.09555	-0.14132	-0.13095	-0.0844	-0.11498	-0.07896	-0.11769	-0.13931	-0.06155	-0.08587
-0.12723	-0.13099	-0.13034	-0.08472	-0.13918	-0.11317	-0.13345	-0.13714	-0.07776	-0.13016
-0.13432	-0.08657	-0.08769	-0.10022	-0.13205	-0.16031	-0.10128	-0.09038	-0.05105	-0.09445
-0.1105	-0.07269	-0.10074	-0.0586	-0.06419	-0.0777	-0.03297	-0.03467	-0.05152	-0.07105
-0.08761	-0.08519	-0.07069	-0.04755	-0.0893	-0.04448	-0.07987	-0.06321	-0.06821	-0.09332
-0.0811	-0.11734	-0.08667	-0.08737	-0.13122	-0.05458	-0.11392	-0.07923	-0.09748	-0.14154
-0.0982	-0.15492	-0.14353	-0.08814	-0.08793	-0.06806	-0.11187	-0.08119	-0.07773	-0.12447
-0.13105	-0.21378	-0.12605	-0.04065	-0.07587	-0.08522	-0.08918	-0.09277	-0.03515	-0.08664
-0.09985	-0.1294	-0.13524	-0.05898	-0.09196	-0.08414	-0.08602	-0.10198	-0.03902	-0.06596
-0.11401	-0.12268	-0.11812	-0.0928	-0.13145	-0.0845	-0.08211	-0.09237	-0.07271	-0.10588
-0.12059	-0.10779	-0.08058	-0.07153	-0.11066	-0.07551	-0.10011	-0.10721	-0.09449	-0.12582
-0.11813	-0.1008	-0.10609	-0.05294	-0.04269	-0.05622	-0.08488	-0.11049	-0.05569	-0.09251
-0.09499	-0.06957	-0.10822	-0.04789	-0.08299	-0.07914	-0.0441	-0.06522	-0.0223	-0.07139
-0.0685	-0.04983	-0.11257	-0.07336	-0.11954	-0.06081	-0.03904	-0.09607	-0.05296	-0.08488
-0.08997	-0.10787	-0.11774	-0.0922	-0.1307	-0.06689	-0.05863	-0.09447	-0.07804	-0.11215
-0.06225	-0.10842	-0.14109	-0.10326	-0.14759	-0.07039	-0.09337	-0.10013	-0.08235	-0.12033
-0.08044	-0.08073	-0.10515	-0.07542	-0.10308	-0.09836	-0.09957	-0.10149	-0.06844	-0.07507
-0.09039	-0.05063	-0.08939	-0.06567	-0.10292	-0.09858	-0.06528	-0.05924	-0.09198	-0.08258
-0.10586	-0.0747	-0.094	-0.04755	-0.13417	-0.09401	-0.04274	-0.03036	-0.07093	-0.09933
-0.09339	-0.11916	-0.10091	-0.05582	-0.11926	-0.09626	-0.07732	-0.07809	-0.03032	-0.07557
-0.08105	-0.10782	-0.11134	-0.09154	-0.08467	-0.06831	-0.08274	-0.1247	-0.05024	-0.05046
-0.1109	-0.08536	-0.09477	-0.09236	-0.08402	-0.11126	-0.10182	-0.11496	-0.07205	-0.05489
-0.11791	-0.07175	-0.09079	-0.07389	-0.11902	-0.10823	-0.06283	-0.07484	-0.05589	-0.03598
-0.11505	-0.0892	-0.10446	-0.07045	-0.12047	-0.06072	-0.03792	-0.05732	-0.03485	-0.05135

-0.10807	-0.1232	-0.13808	-0.09476	-0.10735	-0.06929	-0.07822	-0.0999	-0.05336	-0.07121
-0.12619	-0.13115	-0.1459	-0.09139	-0.08603	-0.08468	-0.09312	-0.12484	-0.0759	-0.07412
-0.13261	-0.09446	-0.13188	-0.09632	-0.08895	-0.10724	-0.07353	-0.06957	-0.06397	-0.03157
-0.09546	-0.06515	-0.10198	-0.07781	-0.10659	-0.09235	-0.04499	-0.02911	-0.03479	-0.0535
-0.10143	-0.08753	-0.118	-0.07417	-0.11766	-0.0927	-0.05242	-0.07409	-0.06983	-0.08928
-0.09899	-0.10586	-0.14153	-0.10876	-0.11414	-0.0908	-0.0574	-0.08819	-0.05627	-0.06775
-0.10645	-0.09088	-0.12803	-0.12333	-0.05183	-0.0483	-0.05606	-0.09599	-0.07859	-0.0433
-0.13562	-0.09421	-0.07194	-0.10865	-0.06497	-0.09214	-0.079	-0.08593	-0.09757	-0.0717
-0.14156	-0.11318	-0.10581	-0.09497	-0.0966	-0.08959	-0.0985	-0.06815	-0.06695	-0.05684
-0.15776	-0.12795	-0.14959	-0.0899	-0.09213	-0.08398	-0.08265	-0.1197	-0.06978	-0.04492
-0.16711	-0.14202	-0.14037	-0.1089	-0.09825	-0.10191	-0.08072	-0.12067	-0.09083	-0.06603
-0.142	-0.15837	-0.15309	-0.11056	-0.08785	-0.09078	-0.0593	-0.08132	-0.08856	-0.03145
-0.13116	-0.11767	-0.14958	-0.0989	-0.07133	-0.09374	-0.0501	-0.03531	-0.02606	-0.01434
-0.12922	-0.10883	-0.13623	-0.11429	-0.12777	-0.12025	-0.06076	-0.05612	-0.02476	-0.05361
-0.16007	-0.11997	-0.13223	-0.14131	-0.16131	-0.15565	-0.07754	-0.11007	-0.07243	-0.0834
-0.15405	-0.10987	-0.1493	-0.1543	-0.15926	-0.15415	-0.07973	-0.11222	-0.14418	-0.09913
-0.17372	-0.14847	-0.17487	-0.14524	-0.10339	-0.12921	-0.1206	-0.12832	-0.14774	-0.08342
-0.17542	-0.13998	-0.16703	-0.14072	-0.0966	-0.11159	-0.1257	-0.14627	-0.13627	-0.09061
-0.1667	-0.11034	-0.11028	-0.0815	-0.11194	-0.13469	-0.11209	-0.12688	-0.12489	-0.09544
-0.15819	-0.15841	-0.13297	-0.09216	-0.12706	-0.15843	-0.11058	-0.14489	-0.1439	-0.11054
-0.14746	-0.14954	-0.1417	-0.15385	-0.12891	-0.1836	-0.14252	-0.14886	-0.18188	-0.10232
-0.12712	-0.09864	-0.14036	-0.15817	-0.14588	-0.16657	-0.13007	-0.13243	-0.14028	-0.0897
-0.07758	-0.06472	-0.12686	-0.15198	-0.17325	-0.19126	-0.11053	-0.07661	-0.09766	-0.05879
-0.05065	-0.03662	-0.10218	-0.12943	-0.12891	-0.14735	-0.10523	-0.0841	-0.09028	-0.04503
0.019621	-0.02428	-0.07713	-0.09424	-0.08389	-0.12709	-0.08575	-0.08452	-0.10572	-0.05075
0.131111	0.032189	-0.00531	-0.05419	-0.04577	-0.09162	-0.08305	-0.09207	-0.11512	-0.0635
0.215722	0.12011	0.078699	0.015752	0.019295	-0.03265	-0.08597	-0.07905	-0.09948	-0.085
0.334421	0.254792	0.147958	0.032167	0.045183	-0.01871	-0.03897	-0.05307	-0.10124	-0.08251
0.414379	0.35179	0.223615	0.076154	0.079235	0.022398	-0.02014	-0.01666	-0.06589	-0.03883
0.41713	0.401567	0.346125	0.219393	0.160947	0.103033	0.037102	0.034471	-0.01818	-0.04056
0.39918	0.396534	0.405266	0.372347	0.306489	0.231854	0.140084	0.098755	0.04745	-0.00674
0.348548	0.402682	0.443956	0.433984	0.414271	0.312842	0.231403	0.199171	0.125201	0.082491
0.345183	0.372733	0.431008	0.462245	0.496874	0.425782	0.368551	0.291269	0.160449	0.14156
0.262594	0.352694	0.398092	0.456885	0.509703	0.484884	0.461666	0.412938	0.315769	0.244957
0.102462	0.255912	0.327588	0.406037	0.436344	0.446591	0.423123	0.448526	0.431175	0.318091
0.052297	0.161727	0.246226	0.345446	0.358084	0.396893	0.392365	0.435978	0.435361	0.351755
0.011076	0.087578	0.240385	0.306196	0.342925	0.358948	0.396005	0.438641	0.440325	0.356418
0.023369	0.094062	0.160808	0.182744	0.298726	0.333509	0.337315	0.350122	0.428297	0.419402
0.068835	0.111227	0.038752	0.131592	0.195656	0.222467	0.299509	0.225244	0.359972	0.397235
0.085541	0.118261	0.058457	0.097294	0.10807	0.090367	0.257429	0.224411	0.335946	0.340334
0.067343	0.102725	0.096878	0.085594	0.140682	0.054313	0.201569	0.234733	0.286501	0.34842
0.041071	0.081044	0.095287	0.108276	0.142909	0.060528	0.130334	0.180619	0.237575	0.345253
0.081604	0.084713	0.022892	0.060361	0.132371	0.129715	0.129492	0.089146	0.18897	0.303257
0.01216	0.108177	0.032279	0.084823	0.11941	0.154201	0.171169	0.111113	0.219839	0.266576
0.005551	0.09521	0.014514	0.066522	0.097664	0.113988	0.161199	0.188213	0.188875	0.24127
0.041159	0.049458	0.038559	0.069182	0.089008	0.075038	0.154802	0.19055	0.217286	0.268309
0.055432	0.112187	0.104223	0.075894	0.108478	0.123066	0.14089	0.167518	0.174891	0.27563

-0.03197	0.110838	0.14436	0.144343	0.157826	0.151274	0.186257	0.185953	0.178012	0.226651
-0.02736	0.077118	0.143294	0.142499	0.057302	0.121911	0.205393	0.145503	0.191266	0.160044
0.005773	0.069724	0.093385	0.101849	0.055293	0.074756	0.158496	0.111889	0.182343	0.14277
0.061244	0.086989	0.026819	0.04717	0.049386	1.50E-04	0.100983	0.076697	0.125971	0.208742
0.015637	0.053096	0.001051	0.068186	0.094447	0.064966	0.068493	0.054414	0.151839	0.242979
-0.03402	0.022355	-0.02755	0.034774	0.043602	0.054224	0.088349	0.062105	0.185297	0.164712
-0.02284	0.028743	0.001424	0.02241	-0.01416	0.054358	0.126736	0.084898	0.17314	0.076437
-0.0435	-0.02708	-0.02137	-0.00259	0.00142	-0.012	0.081087	0.048195	0.137652	0.117931
4.55E-04	-0.00778	-0.04928	0.024646	0.033501	-0.00481	0.060511	0.015254	0.07242	0.111448
-0.017	-0.04778	-0.03563	0.071229	0.018363	0.046619	0.053992	0.040858	0.10721	0.067598
-0.0264	-0.06138	-0.06424	0.033811	0.038782	0.05465	0.031117	0.024307	0.070818	0.057452
-0.05029	-0.07008	-0.06043	-0.01207	-0.02139	0.051808	0.045755	0.081464	0.080147	0.0295
-0.05307	-0.08967	-0.03431	-0.00938	-0.03005	0.022148	-0.04888	0.069401	0.095233	0.110322
-0.02812	-0.06878	-0.04881	-0.03116	-0.03425	0.046949	0.004156	0.031813	0.107289	0.094118
-0.08402	-0.08717	-0.05129	-0.0345	-0.0202	0.048209	0.041817	0.075538	0.108609	0.0451
-0.09086	-0.08559	-0.04342	-0.03014	0.038977	0.032693	0.024894	0.099587	0.034024	5.46E-04
-0.10877	-0.09259	-0.08936	-0.09067	-0.00818	-0.02518	0.021097	0.095417	0.035339	0.023283
-0.09967	-0.11001	-0.0765	-0.08453	-0.01268	-0.02507	0.025491	0.056412	0.030963	0.075348
-0.09563	-0.10704	-0.06292	-0.09365	-0.03149	-0.03375	-0.0406	-0.01811	0.007915	0.0773
-0.13398	-0.10339	-0.03878	-0.05431	-0.03841	-0.04195	-0.03919	-0.08947	-0.09894	0.006551
-0.13309	-0.08258	-0.07869	-0.07688	-0.05086	-0.06446	-0.0399	-0.04591	-0.09143	-0.02423
-0.14378	-0.11057	-0.04722	-0.03661	-0.05748	-0.10063	-0.04359	-0.03979	-0.05362	-0.01416
-0.14784	-0.07253	-0.04534	-0.04247	-0.0467	-0.07145	-0.08124	-0.1528	-0.08537	-0.0338
-0.1299	-0.03602	-0.00366	0.003412	-0.03555	-0.02651	-0.05237	-0.14819	-0.12617	-0.06776
-0.07091	-0.05327	-0.05167	-3.81E-04	-0.08466	-0.02115	-0.05441	-0.11308	-0.14661	-0.09386
-0.01485	-0.00627	-0.02316	-0.01205	-0.10134	-0.03926	-0.02455	-0.07627	-0.11526	-0.05957
-0.02305	0.004749	0.018509	-0.02025	-0.06858	-0.02124	-0.00683	-0.04863	-0.0861	-0.05977
0.028764	0.027886	0.049174	0.011809	-0.04645	-0.0397	-0.06153	-0.0869	-0.15384	-0.10778
0.015823	-0.0197	0.010958	-0.01525	-0.09056	-0.08454	-0.09455	-0.12995	-0.14373	-0.10053
-0.01127	-0.05541	-0.06278	-0.06933	-0.0934	-0.09248	-0.07807	-0.11394	-0.10379	-0.0893
-0.00981	-0.08153	-0.0951	-0.11876	-0.12409	-0.13259	-0.03834	-0.04615	-0.06422	-0.08626
-0.01493	-0.05352	-0.06343	-0.11899	-0.10939	-0.11175	-0.05512	-0.01863	-0.03145	-0.09738
-0.06895	-0.1219	-0.11718	-0.116	-0.1283	-0.10716	-0.08706	-0.04389	-0.06604	-0.08801
-0.1424	-0.18773	-0.17881	-0.16961	-0.16733	-0.15232	-0.11485	-0.07898	-0.12106	-0.08212
-0.16967	-0.19553	-0.20098	-0.18163	-0.18433	-0.14934	-0.12509	-0.1254	-0.16137	-0.11803
-0.18176	-0.18312	-0.1814	-0.19914	-0.2055	-0.1454	-0.15105	-0.15878	-0.14057	-0.17869
-0.18125	-0.19811	-0.16172	-0.17877	-0.16513	-0.19805	-0.18137	-0.14736	-0.14002	-0.1799
-0.20245	-0.20845	-0.19624	-0.18135	-0.1614	-0.19732	-0.18387	-0.1516	-0.15217	-0.15302
-0.21746	-0.22909	-0.22578	-0.20621	-0.15266	-0.15307	-0.16772	-0.13624	-0.08973	-0.02524
-0.23103	-0.21519	-0.16942	-0.17521	-0.13612	-0.1347	-0.11683	-0.08017	0.01461	0.2278
-0.18964	-0.18944	-0.12806	-0.12874	-0.08191	-0.07073	-0.01178	0.141586	0.341196	0.776276
-0.09791	-0.08565	0.013764	0.068672	0.122134	0.170251	0.341844	0.940033	0.070793	0
0.03989	0.186672	0.4206	0.688119	1.048994	1.117893	1.681635	0	0	0
0.637012	1.073033	0.093336	0.046668	0.023334	0.011667	0	0	0	0
0.023167	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

-0.01	-0.01276	-0.03595	-0.01461	0.004347	-0.02381	-0.04731	-0.09279	-0.08056	-0.06708
-0.03423	-0.0274	-0.06562	-0.01536	-0.01755	-0.05064	-0.0591	-0.07545	-0.0653	-0.07718
-0.01043	-0.05565	-0.07083	-0.04142	-0.08414	-0.06254	-0.09075	-0.04675	-0.0358	-0.10534
0.006707	-0.01679	-0.03549	-0.01219	-0.06945	-0.08332	-0.13338	-0.08168	-0.03259	-0.11156
-0.03212	-0.01778	-0.014	-0.02942	-0.0585	-0.08694	-0.11182	-0.09653	-0.09588	-0.11786
-0.08364	-0.0519	-0.05727	-0.06888	-0.0375	-0.08873	-0.16229	-0.13697	-0.11695	-0.08374
-0.0901	-0.05972	-0.10979	-0.06641	-0.08437	-0.09055	-0.13422	-0.1092	-0.09276	-0.11639
-0.12484	-0.07114	-0.12347	-0.09896	-0.12349	-0.07073	-0.07766	-0.11014	-0.09959	-0.17994
-0.08414	-0.08069	-0.11409	-0.103	-0.08144	-0.12138	-0.10947	-0.13016	-0.09579	-0.18581
-0.12924	-0.10997	-0.1005	-0.12219	-0.12457	-0.16226	-0.10575	-0.17844	-0.13379	-0.12548
-0.12355	-0.13721	-0.16537	-0.17096	-0.13717	-0.16646	-0.1332	-0.14893	-0.11516	-0.1238
-0.09705	-0.10963	-0.16113	-0.12054	-0.10517	-0.11995	-0.13547	-0.10905	-0.10713	-0.14742
-0.12747	-0.08972	-0.15242	-0.11526	-0.13492	-0.05403	-0.12203	-0.13871	-0.13201	-0.1589
-0.14141	-0.11802	-0.15923	-0.12255	-0.1773	-0.09613	-0.162	-0.13489	-0.10846	-0.14811
-0.18044	-0.14051	-0.14014	-0.12671	-0.18779	-0.15027	-0.14099	-0.15807	-0.13667	-0.16501
-0.221	-0.19391	-0.19028	-0.13573	-0.16246	-0.17313	-0.17724	-0.1855	-0.15108	-0.17179
-0.23427	-0.20314	-0.202	-0.15294	-0.19266	-0.18552	-0.22722	-0.1994	-0.15814	-0.17712
-0.19458	-0.20161	-0.21512	-0.18454	-0.19569	-0.14819	-0.22024	-0.17891	-0.19207	-0.19548
-0.18434	-0.19969	-0.18376	-0.16819	-0.16702	-0.14078	-0.20189	-0.14873	-0.16895	-0.1835
-0.13895	-0.15654	-0.13797	-0.15588	-0.1795	-0.15947	-0.20468	-0.17387	-0.14713	-0.16909
-0.1808	-0.17482	-0.14919	-0.14633	-0.17508	-0.18836	-0.21507	-0.18959	-0.15079	-0.16101
-0.18856	-0.16864	-0.16029	-0.16151	-0.17838	-0.16299	-0.19603	-0.18673	-0.20737	-0.19987
-0.19113	-0.19787	-0.16168	-0.20279	-0.15464	-0.13693	-0.19983	-0.17607	-0.23683	-0.1704
-0.2112	-0.17541	-0.14222	-0.21904	-0.19687	-0.17997	-0.16167	-0.14804	-0.23534	-0.17608
-0.17309	-0.16458	-0.17625	-0.18706	-0.18236	-0.16022	-0.15271	-0.15656	-0.22654	-0.20789
-0.16617	-0.20223	-0.19064	-0.17421	-0.18684	-0.17148	-0.19146	-0.16283	-0.16962	-0.17088
-0.18415	-0.18414	-0.16237	-0.16955	-0.16775	-0.18852	-0.2023	-0.18527	-0.20136	-0.20601
-0.16213	-0.15062	-0.17086	-0.14072	-0.15393	-0.18618	-0.19266	-0.20532	-0.17249	-0.18378
-0.13951	-0.15438	-0.17922	-0.1653	-0.18726	-0.17052	-0.18811	-0.21135	-0.17697	-0.20974
-0.14658	-0.17878	-0.17136	-0.13848	-0.18575	-0.20316	-0.19852	-0.20135	-0.18554	-0.20627
-0.15142	-0.20175	-0.17693	-0.1369	-0.15898	-0.19506	-0.17878	-0.17997	-0.17153	-0.18548
-0.15537	-0.16995	-0.13316	-0.14329	-0.16326	-0.16471	-0.18182	-0.18176	-0.16223	-0.16928
-0.12728	-0.15357	-0.11744	-0.14152	-0.15781	-0.16071	-0.20333	-0.18103	-0.18718	-0.16584
-0.10976	-0.14735	-0.11319	-0.13449	-0.1276	-0.13172	-0.16103	-0.16485	-0.19984	-0.16074
-0.09872	-0.11585	-0.0832	-0.10402	-0.10979	-0.12871	-0.14249	-0.13345	-0.16247	-0.16409
-0.07899	-0.08828	-0.08627	-0.11889	-0.10044	-0.12426	-0.1406	-0.12125	-0.14828	-0.15411
-0.08645	-0.09286	-0.12844	-0.15866	-0.10128	-0.09333	-0.12643	-0.14857	-0.13487	-0.09916
-0.11913	-0.12131	-0.14053	-0.13961	-0.09462	-0.10452	-0.10456	-0.17925	-0.15378	-0.08429
-0.11033	-0.11409	-0.09081	-0.11642	-0.10823	-0.15356	-0.1114	-0.13341	-0.11707	-0.11725
-0.0836	-0.09051	-0.07776	-0.1244	-0.11265	-0.14506	-0.11787	-0.11481	-0.10568	-0.14107
-0.08069	-0.06898	-0.10656	-0.11809	-0.10296	-0.1038	-0.11272	-0.13318	-0.09203	-0.11464
-0.10699	-0.08673	-0.15663	-0.09774	-0.12855	-0.08738	-0.117	-0.12409	-0.09989	-0.09312
-0.13018	-0.09618	-0.12115	-0.06625	-0.1278	-0.09037	-0.10526	-0.0972	-0.10316	-0.09
-0.12176	-0.08696	-0.0841	-0.05656	-0.13571	-0.09602	-0.08768	-0.09364	-0.09451	-0.11961
-0.09951	-0.0977	-0.16219	-0.07569	-0.15219	-0.1383	-0.11168	-0.107	-0.09622	-0.11485
-0.08388	-0.13825	-0.15219	-0.07464	-0.14105	-0.12016	-0.15762	-0.11636	-0.09731	-0.11387
-0.09277	-0.15824	-0.11053	-0.07393	-0.09742	-0.07573	-0.15239	-0.11515	-0.11759	-0.12352

-0.09347	-0.11446	-0.08674	-0.10793	-0.0991	-0.08918	-0.09997	-0.09121	-0.14877	-0.11438
-0.08501	-0.07887	-0.09287	-0.10817	-0.09364	-0.08322	-0.09553	-0.09389	-0.14904	-0.09524
-0.0714	-0.12195	-0.08686	-0.09747	-0.08632	-0.07423	-0.12338	-0.11064	-0.14595	-0.08834
-0.1063	-0.13374	-0.09825	-0.09526	-0.07553	-0.0911	-0.10199	-0.10481	-0.14215	-0.10037
-0.1429	-0.10535	-0.08079	-0.11035	-0.07334	-0.12389	-0.09983	-0.10828	-0.08229	-0.1187
-0.10329	-0.09163	-0.08703	-0.13624	-0.07978	-0.10122	-0.07715	-0.10522	-0.04446	-0.06919
-0.07169	-0.07911	-0.09592	-0.15073	-0.09411	-0.08849	-0.05754	-0.07371	-0.04909	-0.06322
-0.11075	-0.11735	-0.08852	-0.1151	-0.08715	-0.07525	-0.03535	-0.04912	-0.05002	-0.07942
-0.12583	-0.11192	-0.08072	-0.06909	-0.08553	-0.10206	-0.04602	-0.04472	-0.04926	-0.08327
-0.13283	-0.10625	-0.0799	-0.06742	-0.09614	-0.10834	-0.05777	-0.07284	-0.07234	-0.12476
-0.11159	-0.07982	-0.09635	-0.10676	-0.08939	-0.08282	-0.06033	-0.11132	-0.08343	-0.11754
-0.07543	-0.0634	-0.0758	-0.08681	-0.07771	-0.08135	-0.04859	-0.09326	-0.04236	-0.07008
-0.09775	-0.0738	-0.06954	-0.0706	-0.11061	-0.07391	-0.04833	-0.10364	-0.04636	-0.08991
-0.08558	-0.05302	-0.07594	-0.06196	-0.09184	-0.06824	-0.04902	-0.07494	-0.09843	-0.11337
-0.07864	-0.04045	-0.09019	-0.05274	-0.06044	-0.08123	-0.09399	-0.0585	-0.09991	-0.09051
-0.0586	-0.03591	-0.08818	-0.04136	-0.05484	-0.04009	-0.08572	-0.05436	-0.03889	-0.05142
-0.06871	-0.04512	-0.06504	-0.03823	-0.06359	-0.01329	-0.03199	-0.03785	-0.02584	-0.05467
-0.07908	-0.04804	-0.0418	-0.02345	-0.03324	0.002894	-0.03592	-0.04866	-0.04577	-0.05161
-0.08486	-0.05928	-0.05064	-0.03685	-0.04962	0.030365	0.024732	-0.03637	-0.10295	-0.08243
-0.0483	-0.06068	-0.06153	-0.01556	-0.00612	-0.00888	-0.01554	-0.0251	-0.10271	-0.10495
-0.02974	-0.06	-0.06378	-0.00102	0.002766	-0.02928	-0.05118	0.00757	-0.02574	-0.03878
-0.05216	-0.04911	-0.06408	-0.04825	-0.02016	0.001499	-0.0272	0.003016	-0.03924	-0.05618
-0.09792	-0.06174	-0.06174	-0.08745	-0.02149	-0.01216	-0.05264	-0.06518	-0.06805	-0.04684
-0.11278	-0.09872	-0.0415	-0.04566	-0.04735	-0.03035	-0.04133	-0.10154	-0.09013	-0.04654
-0.0815	-0.09401	-0.02289	0.005672	-0.05111	-0.09467	-0.0606	-0.0982	-0.09772	-0.08372
-0.06559	-0.0629	-0.01547	-0.03856	-0.04681	-0.11451	-0.07578	-0.11156	-0.07919	-0.08725
-0.04038	-0.09032	-0.041	-0.06933	-0.0275	-0.06878	-0.03345	-0.06092	-0.07959	-0.07095
-0.0451	-0.20226	-0.10208	-0.05295	-0.02016	-0.07912	-0.03305	-0.06288	-0.06675	-0.02986
-0.0683	-0.12753	-0.05049	-0.03813	-0.04798	-0.07087	-0.07977	-0.09738	-0.0666	-0.04825
-0.06224	-0.0708	0.021907	-0.01431	-0.05797	-0.06358	-0.0626	-0.08282	-0.07351	-0.09909
-0.02416	-0.056	-0.00269	-0.05105	-0.07943	-0.09462	-0.03212	-0.06627	-0.05439	-0.08296
-0.01383	-0.03711	-0.03269	-0.01005	-0.05327	-0.09469	-0.02673	-0.0838	-0.04909	-0.04718
0.001868	-0.00698	-0.03828	-0.02304	-0.03486	-0.07361	-0.04802	-0.08716	-0.05235	-0.05049
-0.02159	0.025054	0.013149	-0.01332	-0.05102	-0.03544	-0.08151	-0.13247	-0.09562	-0.10533
-0.06121	-0.01374	0.012684	-0.00267	-0.10108	-0.07092	-0.08881	-0.13789	-0.07232	-0.09759
-0.06646	-0.03902	-0.00855	-0.00714	-0.07974	-0.04822	-0.03984	-0.08894	-0.05335	-0.10419
-0.03804	-0.01334	-0.038	-6.50E-04	-0.04958	-0.03393	-0.01708	-0.09684	-0.05514	-0.07031
0.005777	-0.00874	-0.07534	-0.03457	-0.025	-0.02248	-0.04145	-0.10225	-0.06186	-0.04534
-0.02084	-0.00564	-0.00645	-0.01988	-0.04215	-0.04158	-0.03747	-0.06038	-0.07566	-0.09426
-0.05096	0.018379	0.012219	0.005009	-0.05934	-0.03041	0.013498	0.008688	-0.03378	-0.07942
-0.0685	-0.00384	-0.0274	0.011939	-0.04748	-0.00235	-0.00121	-0.01844	-0.02556	-0.06376
-0.03617	-0.02603	-0.04791	0.008606	-0.02779	-0.02921	-0.08081	-0.04955	-0.04831	-0.03203
-0.02569	-0.03701	-0.06677	-0.02708	-0.0136	0.007063	-0.0575	-0.07371	-0.08379	-0.02102
-0.06942	-0.04876	-0.04424	-0.0475	-0.05551	0.006731	-0.03866	-0.04148	-0.05192	-0.03339
-0.04724	-0.04137	-0.04416	-0.0183	-0.09089	-0.0423	-0.05973	-0.03081	-0.02854	-0.0449
-0.02921	-0.02437	-0.05389	0.006731	-0.05788	-0.06981	-0.07435	-0.07142	-0.06034	-0.06815
-0.0632	-0.02961	-0.05876	0.003892	-0.05669	-0.08986	-0.13419	-0.09441	-0.10816	-0.10495

-0.02923	-0.01734	-0.02996	0.001091	-0.05067	-0.10027	-0.14881	-0.12382	-0.11824	-0.07739
-0.00861	0.026652	-0.00562	-0.05593	-0.09484	-0.08748	-0.08988	-0.06223	-0.07162	-0.02906
-0.05113	-0.02649	-0.02596	-0.04928	-0.06039	0.001151	0.020686	0.009612	-0.0204	-0.02718
-0.02832	-0.01819	-4.45E-04	-0.00951	-0.00748	0.041109	0.030548	0.031176	0.014591	-0.00489
0.015771	-0.02311	0.01066	0.012382	0.00797	-0.02001	-0.0751	0.001048	-0.02055	-0.02335
-0.01351	-0.03422	0.023788	0.050421	0.054343	-0.01159	-0.07748	-0.06308	-0.03099	-0.00817
-0.04994	-0.03407	-0.0141	-0.03886	0.009254	-0.01552	-0.02984	-0.08234	-0.08718	-0.02289
-0.02321	-0.04286	-0.01291	-0.05032	-0.0161	-0.0384	-0.03669	-0.06999	-0.13322	-0.08224
-0.06702	-0.00622	0.031683	-6.91E-04	-0.02579	-0.05349	-0.04863	-0.02765	-0.06402	-0.04381
-0.09174	-0.04161	0.0325	-0.00271	-0.01418	-0.04705	-0.02096	-0.02087	-0.01548	-0.00439
-0.01946	-0.05676	-0.00635	0.003892	-0.02609	-0.07629	-0.0333	-0.05957	-0.03251	-0.03571
-2.40E-04	-6.62E-04	-0.00758	-0.05348	-0.05252	-0.03334	-0.02403	-0.10213	-0.0378	-0.05036
0.018589	-0.01152	-9.68E-05	-0.0507	-0.00573	0.018621	-0.02125	-0.105	-0.06208	-0.05183
-0.01401	-0.01324	0.012916	-0.03131	-0.00182	-0.02861	-0.02998	-0.05445	-0.0614	-0.02519
-0.0225	-0.00864	0.004626	-0.02938	-0.0608	-0.09494	-0.02714	-0.00433	-0.06014	-0.06248
-0.00513	-0.02851	-0.03095	0.010931	-0.07807	-0.09595	-0.0497	-0.09396	-0.05403	-0.09134
0.002622	-0.0298	-0.07513	-0.03237	-0.06214	-0.06525	-0.03172	-0.11444	-0.0594	-0.06119
0.018328	0.005809	-0.03881	-0.04695	-0.07289	-0.0438	-0.02914	-0.11853	-0.06946	-0.00728
0.013982	0.01709	-0.02584	-0.02339	-0.0529	-0.08087	-0.03855	-0.07895	-0.04048	0.022696
-0.05465	-0.03363	-0.04853	-0.02292	-0.07792	-0.09531	-0.03322	-0.0242	-0.03975	-0.02842
-0.06908	-0.05856	-0.04199	-0.01049	-0.09928	-0.08678	-0.09178	-0.07482	-0.02358	-0.08013
-0.01538	-0.02558	-0.04355	-0.0137	-0.03619	-0.02362	-0.08557	-0.14521	-0.04742	-0.08086
0.00191	0.011275	-0.0074	-0.0198	-0.00162	-0.03101	-0.09341	-0.15233	-0.06855	-0.0667
-0.01365	0.005036	-0.02842	-0.07225	-0.06808	-0.07513	-0.07151	-0.10456	-0.06483	-0.06349
-0.06746	-0.01681	-0.01845	-0.04292	-0.10517	-0.08839	-0.05374	-0.08573	-0.07868	-0.09328
-0.05559	-0.02056	-0.02184	-3.02E-04	-0.07878	-0.05751	-0.06655	-0.06982	-0.06483	-0.12123
-0.02044	-0.03466	-0.06119	-0.05188	-0.0801	-0.04553	-0.0771	-0.11149	-0.09379	-0.09596
-0.03521	-0.0147	-0.05827	-0.06846	-0.08463	-0.06742	-0.06755	-0.11803	-0.09631	-0.11122
-0.03465	0.003101	-0.03536	-0.05877	-0.08629	-0.0722	-0.06403	-0.07509	-0.02572	-0.08557
-0.0239	0.002002	-0.01484	-0.04348	-0.13039	-0.03683	-0.03697	-0.0926	-0.01979	-0.05979
-0.02091	-0.02914	-0.0284	-0.00506	-0.08449	-0.04961	-0.08067	-0.10625	-0.09188	-0.08831
-0.01389	-0.03313	-0.06408	-0.03213	-0.07935	-0.05738	-0.13355	-0.06948	-0.08419	-0.07984
-0.02443	-0.04297	-0.09341	-0.04995	-0.07208	-0.04056	-0.07677	-0.08362	-0.05856	-0.07384
-0.05613	-0.00388	-0.07518	-0.07842	-0.04598	-0.01776	-0.01726	-0.06398	-0.04949	-0.09635
-0.07578	0.014184	0.016034	-0.05404	-0.08837	-0.04358	-0.04779	-0.06392	-0.04013	-0.09008
-0.03569	-0.03024	0.027335	-0.03009	-0.06935	-0.04435	-0.14525	-0.07889	-0.06983	-0.07129
-0.03799	-0.06622	-0.0508	-0.06951	-0.07033	-0.0131	-0.14207	-0.10319	-0.08589	-0.053
-0.03559	-0.08583	-0.07973	-0.07027	-0.13053	-0.05285	-0.08258	-0.09091	-0.04909	-0.03659
-0.01146	-0.06058	-0.07745	-0.05757	-0.13674	-0.05744	-0.02702	-0.0253	-0.00148	-0.04553
-0.01683	-0.03321	-0.06447	-0.05841	-0.09227	-0.04013	-0.02638	-0.02347	-0.02282	-0.06418
-0.02317	-0.03992	-0.0259	-0.03203	-0.07492	-0.06555	-0.13271	-0.08886	-0.10839	-0.07177
0.017264	-0.01696	-0.04963	-0.03349	-0.0643	-0.0421	-0.17554	-0.12446	-0.09552	-0.05259
0.008892	0.015955	-0.0193	-0.02646	-0.10147	-0.05872	-0.11473	-0.12445	-0.07736	-0.0696
-0.01032	0.002582	-0.03817	-0.06199	-0.12042	-0.03969	-0.03606	-0.06446	-0.05023	-0.09839
1.14E-04	-0.00218	-0.02534	-0.08277	-0.09165	-0.03859	-0.07025	-0.05328	-0.09124	-0.09224
0.008042	-0.03563	-0.03619	-0.05377	-0.06071	-0.0597	-0.1323	-0.06254	-0.13975	-0.10229
-0.01797	-0.05914	-0.04368	-0.00787	-0.00404	-0.03625	-0.08182	-0.05008	-0.09389	-0.09896

0.001847	-0.01055	-0.02837	0.014832	-0.0281	-0.03493	-0.07611	-0.04229	-0.08298	-0.07086
0.026753	0.043434	-0.00847	-0.0224	-0.02599	-0.016	-0.0668	-0.046	-0.08008	-0.07884
-0.01886	-0.00665	-0.00564	-0.05246	-0.03916	-0.02458	-0.05988	-0.0866	-0.09636	-0.04488
-0.06921	-0.06676	-0.02293	-0.03129	-0.03716	-0.08706	-0.0679	-0.10017	-0.10856	-0.04496
-0.06759	-0.07615	-0.02572	-0.02244	-0.01982	-0.06514	-0.08979	-0.08204	-0.06631	-0.05332
-0.01197	-0.05354	-0.02507	-0.02852	-0.02496	-0.03179	-0.07513	-0.04003	-0.01463	-0.03418
-0.01464	-0.04771	-0.04833	-0.0808	-0.02296	-0.00523	-0.04686	-0.03221	-0.03103	-0.04823
-0.06573	-0.03321	-0.05038	-0.09244	-0.02257	-0.01843	-0.05109	-0.05589	-0.07754	-0.04204
-0.0898	-0.05734	-0.04838	-0.03049	-0.02	-0.09582	-0.07465	-0.0612	-0.08519	-0.02853
-0.09398	-0.08635	-0.01646	-0.03939	-0.06337	-0.13075	-0.12184	-0.09257	-0.06879	-0.04021
-0.04827	-0.04062	-0.04575	-0.08316	-0.07781	-0.1003	-0.08769	-0.07391	-0.05004	-0.06853
-0.02835	-4.35E-04	-0.07747	-0.07414	-0.04167	-0.06149	-0.0367	-0.03291	-0.06453	-0.07366
-0.05873	-0.01514	-0.09076	-0.07524	-0.02762	-0.03608	-0.02652	-0.08042	-0.06582	-0.05531
-0.08537	-0.05732	-0.12284	-0.06584	-0.09561	-0.07456	-0.07738	-0.13122	-0.08356	-0.0855
-0.05447	-0.06171	-0.12001	-0.07519	-0.14122	-0.1172	-0.08986	-0.12556	-0.05495	-0.10803
-0.06174	-0.05099	-0.08683	-0.06968	-0.09242	-0.06842	-0.04513	-0.06193	-0.0552	-0.12457
-0.08503	-0.07925	-0.12849	-0.03843	-0.05061	-0.06045	-0.06539	-0.11492	-0.08746	-0.12218
-0.07298	-0.08613	-0.10264	-0.03627	-0.05918	-0.08581	-0.07936	-0.13478	-0.06992	-0.07267
-0.13117	-0.09839	-0.07406	-0.04902	-0.08485	-0.06982	-0.09982	-0.12511	-0.09518	-0.08805
-0.08898	-0.04898	-0.07911	-0.08257	-0.12878	-0.09408	-0.08705	-0.10432	-0.11919	-0.14419
-0.0317	-0.01057	-0.06458	-0.07903	-0.0987	-0.09282	-0.09584	-0.14455	-0.10769	-0.17894
-0.06268	-0.05553	-0.09283	-0.075	-0.09015	-0.08683	-0.10677	-0.19299	-0.09586	-0.11131
-0.07333	-0.08634	-0.09807	-0.08658	-0.10201	-0.11693	-0.12469	-0.16717	-0.10743	-0.06903
-0.07847	-0.10883	-0.07316	-0.06281	-0.1212	-0.15791	-0.13618	-0.12413	-0.12647	-0.08519
-0.07438	-0.06199	-0.06698	-0.09242	-0.13782	-0.10425	-0.11738	-0.09627	-0.12582	-0.11986
-0.09331	-0.09329	-0.09233	-0.10828	-0.12039	-0.08409	-0.10834	-0.08837	-0.15722	-0.14706
-0.07294	-0.11349	-0.07692	-0.10193	-0.09573	-0.10609	-0.14233	-0.08272	-0.11947	-0.11813
-0.08795	-0.11929	-0.06954	-0.08355	-0.06371	-0.09767	-0.12209	-0.05627	-0.08769	-0.07673
-0.0828	-0.10439	-0.05675	-0.08728	-0.06193	-0.09384	-0.09484	-0.07781	-0.10998	-0.05625
-0.04396	-0.06952	-0.05908	-0.10442	-0.11976	-0.08315	-0.08378	-0.10935	-0.12289	-0.06988
-0.0529	-0.07887	-0.08568	-0.07019	-0.10536	-0.07342	-0.11754	-0.09425	-0.10738	-0.1183
-0.08846	-0.14022	-0.09656	-0.0721	-0.05968	-0.07982	-0.11156	-0.04577	-0.05958	-0.08419
-0.11646	-0.17237	-0.10809	-0.14116	-0.0722	-0.08659	-0.08756	-0.04569	-0.08982	-0.06226
-0.0897	-0.11987	-0.0885	-0.15239	-0.12875	-0.12092	-0.12818	-0.09529	-0.14269	-0.11733
-0.09107	-0.12276	-0.11019	-0.14889	-0.12578	-0.11556	-0.10744	-0.1066	-0.17418	-0.13433
-0.10851	-0.11623	-0.08477	-0.10984	-0.0909	-0.08099	-0.13199	-0.11337	-0.12999	-0.08279
-0.1072	-0.12171	-0.08922	-0.11542	-0.0819	-0.08744	-0.12096	-0.10043	-0.11137	-0.07576
-0.09159	-0.13414	-0.09756	-0.14557	-0.08243	-0.11974	-0.11	-0.146	-0.11498	-0.11504
-0.05738	-0.07008	-0.05696	-0.12549	-0.11786	-0.16425	-0.10269	-0.15965	-0.15555	-0.15554
-0.06065	-0.05424	-0.04632	-0.08233	-0.08565	-0.12158	-0.09679	-0.13514	-0.16085	-0.15587
-0.08698	-0.09479	-0.09071	-0.09752	-0.05602	-0.09923	-0.09929	-0.10429	-0.10713	-0.08967
-0.09782	-0.11073	-0.1057	-0.09309	-0.05931	-0.09584	-0.06806	-0.12296	-0.10148	-0.09183
-0.08249	-0.07297	-0.09155	-0.10405	-0.06411	-0.08091	-0.06292	-0.12422	-0.0818	-0.10019
-0.10545	-0.09139	-0.10885	-0.14844	-0.09396	-0.10341	-0.09815	-0.1696	-0.09745	-0.1202
-0.1037	-0.09605	-0.10437	-0.12473	-0.07629	-0.10425	-0.10586	-0.17836	-0.13379	-0.10556
-0.10643	-0.0804	-0.07135	-0.0551	-0.08046	-0.1098	-0.06765	-0.12011	-0.10684	-0.09492
-0.07842	-0.07551	-0.13127	-0.04498	-0.10654	-0.13898	-0.08509	-0.11912	-0.10286	-0.1233

-0.07398	-0.07654	-0.1278	-0.05584	-0.11384	-0.14529	-0.10727	-0.12493	-0.10484	-0.12298
-0.084	-0.06468	-0.09127	-0.08294	-0.097	-0.08798	-0.10036	-0.12493	-0.0869	-0.09396
-0.09107	-0.0682	-0.07635	-0.07651	-0.06832	-0.09454	-0.10387	-0.13706	-0.06682	-0.05667
-0.09765	-0.07725	-0.09031	-0.0659	-0.08599	-0.0674	-0.07424	-0.0876	-0.05033	-0.06344
-0.07292	-0.07832	-0.12624	-0.08361	-0.10142	-0.04145	-0.07091	-0.06394	-0.04827	-0.07051
-0.08076	-0.09876	-0.13191	-0.08392	-0.09217	-0.04806	-0.12669	-0.12466	-0.10676	-0.1323
-0.10697	-0.10815	-0.11431	-0.07175	-0.08019	-0.07263	-0.12239	-0.13508	-0.14004	-0.13793
-0.08745	-0.08451	-0.1205	-0.0899	-0.09276	-0.08058	-0.05354	-0.06041	-0.08803	-0.11693
-0.08506	-0.09246	-0.10371	-0.07305	-0.0956	-0.05072	-0.06721	-0.05792	-0.0624	-0.10564
-0.06197	-0.11056	-0.07766	-0.07269	-0.08381	-0.02532	-0.12263	-0.08136	-0.0893	-0.06926
-0.08278	-0.10478	-0.07503	-0.07237	-0.06691	-0.03138	-0.11323	-0.08201	-0.09184	-0.03943
-0.06855	-0.0606	-0.05651	-0.05609	-0.07569	-0.07028	-0.11797	-0.09401	-0.09437	-0.07799
-0.07816	-0.05941	-0.04866	-0.07359	-0.09558	-0.06571	-0.0871	-0.07485	-0.07556	-0.1078
-0.08136	-0.09705	-0.06442	-0.11113	-0.09394	-0.05577	-0.11262	-0.08346	-0.09403	-0.10457
-0.07354	-0.13915	-0.08494	-0.10088	-0.08536	-0.07943	-0.12644	-0.0867	-0.10776	-0.08572
-0.09216	-0.13924	-0.10919	-0.06706	-0.0912	-0.10078	-0.11408	-0.08428	-0.08826	-0.05949
-0.06455	-0.08209	-0.09382	-0.07857	-0.12507	-0.10428	-0.10402	-0.08515	-0.07472	-0.06326
-0.05974	-0.07459	-0.06226	-0.08858	-0.09015	-0.06264	-0.07799	-0.09531	-0.10834	-0.0555
-0.06648	-0.12189	-0.07995	-0.09445	-0.04842	-0.05327	-0.0766	-0.08142	-0.12574	-0.06403
-0.07209	-0.1207	-0.08469	-0.08584	-0.04521	-0.07547	-0.08148	-0.06238	-0.09124	-0.05929
-0.14526	-0.19992	-0.0681	-0.03552	-0.07447	-0.08335	-0.10132	-0.07861	-0.07439	-0.0439
-0.09862	-0.1626	-0.05427	-0.07006	-0.08838	-0.05331	-0.04883	-0.05171	-0.09837	-0.07947
-0.08052	-0.10551	-0.06912	-0.12839	-0.09307	-0.08408	-0.05808	-0.05106	-0.08835	-0.04276
-0.14309	-0.12618	-0.11124	-0.15413	-0.10042	-0.1232	-0.09551	-0.10759	-0.06912	-0.02556
-0.11979	-0.1222	-0.10539	-0.1026	-0.05524	-0.10028	-0.08177	-0.09208	-0.06591	-0.04984
-0.04666	-0.08078	-0.06771	-0.07156	-0.04215	-0.12629	-0.08535	-0.03315	-0.03961	-0.08714
-0.05929	-0.07542	-0.07618	-0.07961	-0.07506	-0.08001	-0.04701	-0.04423	-0.07827	-0.11897
-0.11361	-0.06591	-0.11016	-0.06944	-0.06062	-0.05074	-0.0326	-0.09295	-0.09451	-0.0765
-0.13804	-0.09119	-0.10984	-0.06532	-0.04058	-0.09024	-0.05714	-0.066	-0.0386	-0.04726
-0.13649	-0.0928	-0.06422	-0.06655	-0.04041	-0.07822	-0.0656	-0.0461	-0.0337	-0.06926
-0.08573	-0.08878	-0.06624	-0.09003	-0.04217	-0.07137	-0.05603	-0.04569	-0.0616	-0.0945
-0.06271	-0.05292	-0.08817	-0.09518	-0.06305	-0.07292	-0.05975	-0.07039	-0.0645	-0.06051
-0.07833	-0.04329	-0.11124	-0.09564	-0.07845	-0.08315	-0.08034	-0.09011	-0.06532	-0.03277
-0.09221	-0.04383	-0.09119	-0.07277	-0.08289	-0.06353	-0.09279	-0.10058	-0.07032	-0.08654
-0.10483	-0.05201	-0.04886	-0.02748	-0.09247	-0.09628	-0.09614	-0.08739	-0.04611	-0.11607
-0.09513	-0.07335	-0.10706	-0.05264	-0.09464	-0.09295	-0.07873	-0.07929	-0.0375	-0.08405
-0.06584	-0.05788	-0.1089	-0.07735	-0.09097	-0.07239	-0.1263	-0.09423	-0.04587	-0.04752
-0.05767	-0.07464	-0.06657	-0.07015	-0.0784	-0.05264	-0.13705	-0.08871	-0.03505	-0.04718
-0.09807	-0.09492	-0.05304	-0.09249	-0.17051	-0.05711	-0.10842	-0.07107	-0.07196	-0.04121
-0.06273	-0.04595	-0.05586	-0.074	-0.1515	-0.04643	-0.08268	-0.06129	-0.07403	-0.036
-0.01478	-0.0282	-0.04763	-0.06126	-0.07973	-0.02651	-0.07733	-0.06618	-0.06168	-0.01402
-0.05432	-0.09026	-0.0439	-0.04975	-0.04475	-0.03472	-0.07863	-0.04726	-0.0267	0.013896
-0.08713	-0.11901	-0.03557	-0.05159	-0.01852	-0.04468	-0.04543	-0.05364	-0.03977	-0.00956
-0.07549	-0.08524	-0.0544	-0.0962	-0.06316	-0.04648	-0.03197	-0.09021	-0.07971	-0.03586
-0.11086	-0.11249	-0.06325	-0.10603	-0.07628	-0.05039	-0.03598	-0.07216	-0.07742	-0.02625
-0.11827	-0.13172	-0.07923	-0.09671	-0.05721	-0.05842	-0.0622	-0.03609	-0.04002	-0.02637
-0.0648	-0.08708	-0.07689	-0.06584	-0.04585	-0.06277	-0.06401	-0.02104	0.002232	-0.02114

-0.06381	-0.04284	-0.09104	-0.06436	-0.06549	-0.06527	-0.03992	-0.08268	-0.02298	-0.04707
-0.07082	-0.06543	-0.10329	-0.08641	-0.0566	-0.0637	-0.03749	-0.12937	-0.07484	-0.07343
-0.04358	-0.07082	-0.06892	-0.07903	-0.0538	-0.09621	-0.0679	-0.10319	-0.06616	-0.11062
-0.04903	-0.0562	-0.04023	-0.04726	-0.06386	-0.11614	-0.0645	-0.04287	0.005391	-0.07802
-0.08881	-0.09954	-0.07963	-0.04656	-0.03038	-0.06528	-0.07505	-0.01137	0.017665	-0.03356
-0.1192	-0.12268	-0.10796	-0.10344	-0.08845	-0.07453	-0.08719	-0.06017	-0.05418	-0.0509
-0.07505	-0.06908	-0.09562	-0.12213	-0.10631	-0.11316	-0.08957	-0.09323	-0.09882	-0.09859
-0.04243	-0.08439	-0.0962	-0.09547	-0.07384	-0.09078	-0.05546	-0.06126	-0.06808	-0.09371
-0.09948	-0.11713	-0.07321	-0.09801	-0.12209	-0.09571	-0.05293	-0.08792	-0.03631	-0.09271
-0.13112	-0.09447	-0.05454	-0.05264	-0.12157	-0.10802	-0.0872	-0.0971	-0.04755	-0.06201
-0.15043	-0.0722	-0.08954	-0.07298	-0.09956	-0.13648	-0.10821	-0.06714	-0.07263	-0.03414
-0.13315	-0.08917	-0.10928	-0.10944	-0.08456	-0.11092	-0.09874	-0.06922	-0.08254	-0.06616
-0.10421	-0.1199	-0.09139	-0.08128	-0.05314	-0.08351	-0.07695	-0.05051	-0.09794	-0.10403
-0.11021	-0.09489	-0.06721	-0.04411	-0.07473	-0.09736	-0.07337	-0.0459	-0.0474	-0.08795
-0.09782	-0.05632	-0.07534	-0.03957	-0.08514	-0.08038	-0.10862	-0.07715	-0.03103	-0.02623
-0.08858	-0.06065	-0.08394	-0.07114	-0.08471	-0.04972	-0.07451	-0.08603	-0.08029	-0.03053
-0.07414	-0.07206	-0.09237	-0.09246	-0.09661	-0.04904	-0.09257	-0.11444	-0.09714	-0.03576
-0.0883	-0.07452	-0.08034	-0.06553	-0.0659	-0.04343	-0.05901	-0.07932	-0.0893	-0.09312
-0.09069	-0.06658	-0.06071	-0.04581	-0.08808	-0.0501	-0.0467	-0.023	-0.05086	-0.09935
-0.0747	-0.07068	-0.07439	-0.03809	-0.09211	-0.04251	-0.05608	-0.04993	-0.09538	-0.07202
-0.03867	-0.07	-0.10685	-0.08033	-0.09445	-0.05251	-0.07655	-0.10244	-0.09102	-0.04121
-0.05741	-0.05148	-0.09536	-0.06584	-0.08843	-0.07561	-0.13591	-0.11071	-0.08838	-0.07004
-0.08815	-0.0581	-0.09061	-0.06542	-0.10976	-0.07304	-0.11664	-0.09705	-0.10568	-0.10951
-0.0823	-0.05918	-0.08133	-0.06804	-0.10889	-0.03855	-0.06031	-0.08619	-0.10295	-0.04664
-0.06864	-0.07052	-0.04219	-0.0546	-0.09442	-0.02217	-0.0316	-0.04033	-0.08889	-0.03844
-0.06316	-0.09288	-0.06747	-0.08019	-0.1019	-0.04481	-0.07242	-0.05593	-0.09403	-0.04174
-0.08803	-0.09198	-0.07634	-0.05157	-0.06876	-0.05538	-0.11304	-0.06834	-0.09148	-0.0269
-0.07501	-0.05741	-0.05231	-0.05157	-0.07157	-0.06155	-0.09364	-0.02619	-0.05448	-0.03078
-0.08895	-0.08134	-0.07836	-0.09199	-0.11166	-0.0548	-0.04909	-0.03623	-0.04879	-0.01617
-0.07936	-0.09113	-0.0984	-0.11756	-0.11924	-0.06824	-0.05781	-0.06081	-0.10065	-0.03356
-0.05973	-0.07566	-0.08208	-0.09403	-0.06444	-0.03574	-0.05383	-0.0761	-0.09903	-0.03014
-0.06539	-0.05656	-0.02588	-0.04821	-0.012	0.003902	-0.06175	-0.07659	-0.09286	-0.02924
-0.08708	-0.05496	-0.01367	-0.02944	-0.03203	-0.03194	-0.01608	-0.01563	-0.07077	0.005505
-0.0947	-0.07203	-0.04794	-0.08056	-0.07282	-0.05188	-0.06746	-0.02898	0.005542	0.042023
-0.05974	-0.08784	-0.05956	-0.07814	-0.0438	-0.02837	-0.06317	-0.0732	-0.04957	-0.00252
-0.06462	-0.09993	-0.06003	-0.07208	-0.01382	-0.03274	-0.03502	-0.05081	-0.05165	0.00434
-0.06591	-0.09537	-0.05162	-0.08058	-0.06991	-0.07211	-0.05644	-0.02926	-0.05947	-0.02617
-0.04356	-0.07049	-0.0586	-0.11728	-0.09829	-0.07776	-0.03579	-0.04853	-0.06184	-0.0239
-0.09946	-0.10567	-0.08835	-0.0932	-0.04953	-0.05861	-0.04533	-0.09149	-0.01615	0.024043
-0.11936	-0.13987	-0.08736	-0.0772	-0.04585	-0.08175	-0.06027	-0.09976	-0.05726	-0.01683
-0.06447	-0.08718	-0.07439	-0.07187	-0.0579	-0.10657	-0.07757	-0.09619	-0.03741	-0.00596
-0.02295	-0.03087	-0.06641	-0.09613	-0.06764	-0.09444	-0.05584	-0.03528	-0.02253	0.005229
-0.05382	-0.03546	-0.04271	-0.09118	-0.06517	-0.09523	-0.06609	-0.03371	-0.03027	0.0016
-0.08456	-0.0758	-0.08599	-0.0929	-0.03078	-0.05092	-0.07209	-0.05972	-0.01205	-0.00244
-0.0781	-0.07391	-0.06516	-0.04816	-0.04864	-0.04892	-0.0766	-0.08806	-0.00646	-0.01408
-0.01628	-0.02424	-0.0248	-0.02579	-0.09217	-0.10378	-0.05221	-0.07945	-0.04856	-0.03434
-0.07174	-0.03745	-0.02092	-0.03237	-0.05405	-0.06467	-0.02375	-0.05232	-0.06422	-0.03918

-0.13828	-0.0623	-0.04956	-0.04002	-0.04247	-0.02385	-0.03403	-0.02335	0.006688	0.01202
-0.1297	-0.10314	-0.10167	-0.0482	-0.07735	-0.05331	-0.0203	0.006236	0.018932	-0.00927
-0.09902	-0.07217	-0.1007	-0.05035	-0.05544	-0.06386	-0.0243	-0.02528	0.009923	0.005017
-0.05591	-0.0359	-0.06523	-0.06422	-0.0202	-0.03987	-0.00781	-0.03789	0.008596	0.017063
-0.0189	-0.03045	-0.07865	-0.04378	0.018525	-0.0188	-0.01488	-0.0025	0.043163	0.062879
-0.06192	-0.05311	-0.0722	-0.02341	0.00778	-0.00377	-0.01328	0.007986	0.059834	0.083974
-0.06661	-0.03338	-0.02194	-0.01009	-0.04183	-0.04054	-0.0507	-0.0231	0.003862	0.020144
-0.04416	-0.02459	-0.01422	-0.01526	-0.0824	-0.0798	-0.07386	-0.06264	-0.03035	-0.0384
-0.04645	-0.03682	-0.06975	-0.03883	-0.05111	-0.0224	4.04E-04	-0.07426	-0.04167	-0.01315
-0.06632	-0.03853	-0.06878	0.007814	0.007025	0.0058	0.005607	0.001588	0.031898	0.031115
-0.10892	-0.07687	-0.10741	-0.02648	-0.04041	-0.01391	-0.05139	0.003949	0.04966	0.037207
-0.08858	-0.0458	-0.09154	-0.04653	-0.07405	-0.04228	-0.08567	-0.01844	0.016734	0.030957
-0.01677	0.001671	-0.05311	-0.0417	-0.02424	-1.76E-04	-0.01221	0.010757	0.032448	-0.01489
-0.04778	-0.01196	-0.0343	-0.02808	0.025167	0.046457	0.024051	0.007964	0.002018	0.026128
-0.048	-0.00576	-0.03502	-0.00472	0.014729	0.014024	-0.02763	0.017495	-3.31E-04	0.080231
-0.06687	-0.01003	-0.01786	0.021041	-0.00646	0.017494	-0.05458	0.007592	0.041308	0.081138
-0.0416	-0.02422	-0.02116	-0.02158	-0.02992	-0.00405	-0.03324	0.003341	0.037599	0.055871
-0.01355	-0.01238	-0.03793	-0.05728	-0.03297	-0.01985	0.018429	-0.00608	0.049684	0.038463
-0.01274	0.005621	-0.05266	-0.02115	0.007865	0.035914	0.023284	-0.02091	0.068229	0.091455
-0.0529	-0.05311	-0.0924	-0.01253	-0.01644	0.047116	0.007862	0.053916	0.098851	0.096393
-0.02068	-0.05203	-0.08979	0.013141	-0.00514	0.039765	0.008137	0.069521	0.072211	0.12438
0.022389	0.026126	-3.02E-04	0.044008	-0.02644	0.026791	0.002048	0.07399	0.047182	0.112636
-0.01229	-9.50E-04	-0.02061	-3.84E-04	-0.03103	0.047913	0.004851	0.06942	0.067556	0.063073
0.011344	-0.00971	-0.00633	0.041478	0.038449	0.059621	0.032512	0.079615	0.065	0.111444
0.023333	0.01024	0.0207	0.019946	0.04481	0.054756	0.046282	0.116114	0.095998	0.113914
0.046238	-0.02727	-0.01733	-0.03344	-0.016	0.008933	0.029081	0.076832	0.089902	0.094567
0.056152	0.016897	0.019604	0.017275	-0.01935	-0.00387	0.030081	0.063251	-0.01236	0.027018
-0.00521	0.01572	0.064471	0.063801	0.061086	0.049557	0.034395	0.033053	0.013206	0.04652
-0.03601	-0.07112	0.021734	0.011645	0.036446	0.072472	0.073284	0.102004	0.085158	0.088801
-0.03448	-0.07215	0.025156	-0.01501	0.02166	0.0571	0.049875	0.083876	0.087393	0.070938
0.028975	0.006708	0.052338	0.015086	-0.01626	0.023763	0.030459	0.050783	0.101265	-0.00604
0.033609	-0.01005	0.017826	0.01515	0.004619	0.038002	0.043016	0.111443	0.062877	-0.05579
-0.01409	-0.00148	0.030515	0.059201	0.073743	0.043403	0.020577	0.079331	0.094936	0.061816
-0.06239	-0.01166	0.034872	0.002325	0.033627	0.002976	0.094659	0.114626	0.187026	0.143995
-0.02644	-0.0448	0.020399	-0.0337	-0.01102	0.008579	0.102287	0.106079	0.181975	0.120771
0.017872	-0.03686	0.029657	5.58E-04	0.020576	0.010227	0.032825	0.066676	0.159471	0.125664
-0.01399	0.003329	0.036208	0.039097	0.092284	0.089911	0.026537	0.067555	0.142638	0.103295
-0.03218	0.029312	0.007852	0.005776	0.087915	0.092579	0.076836	0.097428	0.12396	0.085526
-0.01168	0.007379	-0.02996	-0.0222	0.043302	0.010227	0.098833	0.130146	0.173824	0.098673
0.002496	-0.03637	5.81E-04	-0.00694	0.054811	0.023634	0.044278	0.095814	0.10019	0.039723
-0.04122	-0.01252	0.047481	0.035972	0.075409	0.032316	0.066628	0.098831	0.044861	-0.01248
-0.07181	0.012462	0.022166	0.008356	0.039126	0.00549	0.069736	0.099453	0.039041	-0.03312
-0.08403	-0.00265	-0.08694	-0.0425	0.010289	-0.00325	0.061314	0.067077	0.032334	0.009766
-0.08059	-0.03939	-0.07399	-0.03425	-0.0136	-0.03418	0.039933	0.041614	0.085521	0.058498
-0.06379	-0.01926	-0.00683	0.019304	0.033516	0.014087	0.057294	0.009304	0.117713	0.094385
-0.05985	-0.01226	0.041503	0.044847	0.060706	0.036313	0.030415	-0.10079	-0.03647	0.09778
-0.06152	-0.00107	-0.02698	-0.00387	-0.01152	0.059293	0.079046	-0.06865	-0.15707	0.031655

-0.06505	0.00136	-0.02371	-0.00885	-0.03882	0.069205	0.092163	0.045995	-0.11441	-4.13E-04
-0.03185	-0.03384	-0.02143	-0.0358	0.035975	0.061615	0.090984	0.154826	0.044129	0.016606
-0.05345	-0.03635	0.018682	0.02272	0.070501	0.04302	0.079943	0.161486	0.049063	-0.01347
-0.0847	-0.00604	-0.00465	0.02313	0.041959	0.025318	0.106987	0.117382	-0.02862	-0.02293
-0.04591	0.011551	-0.04921	-4.25E-04	0.072546	0.085317	0.110185	0.020801	-0.08022	-0.02198
-0.03951	-0.03536	-0.04333	0.027056	0.11616	0.145183	0.120852	-0.03629	-0.0777	-0.0254
-0.04892	-0.02471	-4.86E-04	0.041816	0.075704	0.055034	0.077555	-0.02286	-0.05613	-0.05553
-0.05103	0.011974	0.047825	0.066512	0.017492	0.018536	0.037483	-0.00828	-0.02473	-0.02979
-0.02976	0.011148	0.011713	0.036061	-0.01737	0.104093	0.088611	0.020463	-0.0112	0.00663
-0.03783	-0.00614	-0.03459	0.016636	0.001563	0.108472	0.074267	0.004797	0.002425	0.009744
-0.03577	-0.01649	-0.05324	0.009736	0.070987	0.102205	0.055781	-0.03759	-0.00703	-0.00602
-0.07063	0.012207	-0.01496	0.042199	0.102121	0.089961	0.083475	-0.02036	0.002703	-0.01138
-0.07472	0.026915	0.008521	0.070612	0.062895	0.141324	0.104657	0.025501	0.004271	0.013961
-0.08012	-0.01995	-0.06546	0.051273	0.051894	0.115096	0.068131	0.027262	0.015187	6.34E-04
-0.06962	-0.01476	-0.05994	-0.02888	0.0628	0.084647	0.002215	-0.02676	0.042176	-0.02671
-0.02264	-0.03132	-0.05985	-0.03074	0.109097	0.106225	0.047947	0.026918	0.029155	-0.03072
-0.06636	-0.06576	-0.0191	0.067635	0.096594	0.099502	0.127453	0.062157	-0.02061	0.013378
-0.04944	-0.01696	0.00475	0.034817	0.044399	0.124832	0.12443	0.027881	-0.01455	0.029969
-0.06908	-0.04322	-0.05333	-0.01045	0.069701	0.154023	0.125593	0.052674	0.010469	-0.01675
-0.05729	-0.02601	0.00473	-0.01839	0.051499	0.168095	0.151984	0.069622	0.013227	-0.04029
-0.04514	-0.00175	0.029306	-0.01223	0.074796	0.203547	0.156513	0.090162	0.013074	0.005102
-0.03486	-0.01356	0.008479	-0.00987	0.075139	0.164296	0.13526	0.077346	-0.01166	-0.0202
-0.03789	-0.02036	-0.0263	-0.05283	0.075066	0.084399	0.066072	0.018302	-0.0102	-0.04157
-0.05934	-0.08055	0.004833	0.007876	0.074918	0.085292	0.070956	-0.03125	-0.01474	-0.0369
-0.02837	-0.02476	0.028823	0.001173	0.047865	0.116188	0.138759	0.014992	0.006861	-0.01625
-0.01215	-0.02618	0.004004	-0.02552	0.035774	0.094934	0.189195	0.086075	-0.01313	-0.01469
-0.0334	-0.04887	0.026855	-0.01415	0.014494	0.03972	0.174683	0.146392	0.052969	0.00118
-0.07601	-0.05466	0.027095	0.029153	0.054343	0.035715	0.111148	0.178355	0.108863	-0.01749
-0.04555	-0.05122	-0.00487	-0.01637	0.014131	0.022429	-0.06253	0.102167	0.089613	-0.02667
-0.05351	-0.05091	-0.00534	0.008439	0.012896	0.017345	-0.1639	-0.07269	0.05427	0.021704
-0.05231	-0.0602	-0.00853	0.014747	0.055561	0.040526	-0.09752	-0.16414	-0.05384	0.015325
-0.03307	-0.06353	-0.03557	0.006981	0.065648	0.063429	-0.00956	-0.12804	-0.09358	-0.00843
-0.0317	-0.0953	-0.07487	6.40E-04	0.029454	0.067843	-0.00685	-0.05154	-0.07816	-0.01572
-0.05967	-0.08912	-0.03514	-0.02449	0.019323	0.084846	0.001527	-0.03432	-0.05901	0.004784
-0.09398	-0.03346	0.002	-0.00498	0.026701	0.072399	-0.00138	-0.00316	0.015474	0.059553
-0.04827	-0.04178	-0.01747	0.040915	0.058291	0.086635	-0.01943	-0.00659	0.023428	8.86E-04
-0.0251	-0.00602	-0.00112	0.070299	0.101599	0.125186	0.013028	-0.00788	0.004013	-0.04728
-0.05259	-0.01599	-0.00292	0.065583	0.066947	0.080649	0.079918	0.033983	0.01189	-0.01013
-0.06401	-0.03807	-0.04765	0.028497	0.059734	0.0762	0.065782	0.064298	0.040068	0.003727
-0.0867	-0.02467	-0.02157	-0.02428	0.06397	0.135822	0.075871	0.112557	0.069552	-0.01872
-0.05399	0.01525	0.041345	0.003747	0.07004	0.135571	0.128457	0.166037	0.059028	-0.05352
-0.07024	0.012526	0.050352	0.052265	0.017793	0.085565	0.005691	0.086311	0.023991	-0.01113
-0.13765	-0.06552	-0.02402	0.037576	0.050639	0.049305	-0.12726	0.007898	0.027858	0.024331
-0.11987	-0.09691	-0.03952	0.020912	0.114787	0.073534	-0.15823	-0.02288	0.028449	0.017281
-0.07075	-0.05786	-0.01965	0.008585	0.124081	0.079888	-0.20659	-0.06514	-0.00763	-0.02311
-0.02546	-0.01108	0.008982	0.035127	0.094254	0.091898	-0.07423	-0.01045	0.008031	0.022233
-0.06215	-0.06162	0.007957	0.015553	0.046346	0.105756	0.074908	0.06635	0.04892	0.037435

-0.06912	-0.06624	0.012684	-0.00949	0.053128	0.164564	0.15222	0.123545	0.077323	0.023645
-0.06777	-0.09068	-0.01916	0.015341	0.025671	0.170113	0.211275	0.161237	0.091766	0.041193
-0.05785	-0.08774	-0.02192	0.040218	-0.02663	0.142569	0.218593	0.17509	0.121868	0.080004
-0.05964	-0.05314	-0.02184	0.008398	0.090272	0.17211	0.200704	0.189799	0.136877	0.114622
-0.05822	-0.06383	-0.04347	-0.03603	0.1087	0.201109	0.166781	0.1893	0.130327	0.095923
-0.07749	-0.09529	-0.0177	-0.01209	0.033984	0.046639	0.047414	0.063675	-0.0045	2.78E-04
-0.08249	-0.09156	-0.04488	-0.00299	-0.0123	-0.05744	-0.0055	-0.04066	-0.06644	-0.05592
-0.06716	-0.0372	-0.05208	-0.01834	-4.01E-04	-0.01476	0.029592	-0.06165	-0.05073	-0.01136
-0.05358	-0.03514	-0.01766	0.009024	0.015926	0.105782	0.10205	-0.01982	-0.02431	0.033822
-0.05401	-0.05311	-0.04128	-0.02191	0.012641	0.07098	0.091829	0.025341	5.28E-05	0.04715
-0.04188	-0.04664	-0.06585	-0.05546	0.006647	0.069924	0.041826	-0.01123	0.021991	0.05845
-0.02734	-0.01526	-0.02159	0.020719	0.064186	0.096027	0.067209	-0.01303	0.038459	0.067159
-0.02908	0.014312	0.0457	0.037531	0.012174	0.021549	0.115215	0.053331	0.055649	0.096707
-0.04486	-0.00997	0.037079	0.077385	0.029255	-0.03312	0.030259	0.05931	0.053065	0.141523
-0.04544	-0.04095	-0.02514	0.022354	0.054016	0.005758	-0.01868	0.081922	0.107415	0.155551
-0.00951	-0.07592	-0.07732	0.017979	0.066585	0.073051	0.028904	0.111276	0.156009	0.149425
-0.04162	-0.04353	0.009401	0.118032	0.107535	0.140393	0.087899	0.067329	0.138691	0.144842
-0.05209	0.01493	0.084314	0.14186	0.121507	0.153355	0.112814	0.047914	0.091556	0.14193
-0.02459	-0.02618	-0.03387	0.025317	0.12739	0.195952	0.126231	0.068461	0.100029	0.080533
-0.04298	-0.05154	-0.06961	-0.00885	0.089409	0.196626	0.10074	0.013946	0.025321	0.012278
-0.05079	-0.02073	-0.05657	-0.01243	0.074673	0.066724	-0.00609	-0.05404	-0.03621	0.024885
-0.08829	-0.01122	0.019862	0.044552	0.059947	-0.00247	-0.05957	-0.05419	-0.05994	0.002125
-0.03463	0.007211	-0.00913	0.036751	0.023988	0.009976	-0.05922	-0.04141	-0.04046	0.016063
-0.0297	-0.04299	-0.06518	-0.00208	0.041618	0.064327	-0.04991	-0.06349	0.008835	0.072148
-0.06361	-0.08913	-0.09854	-0.01601	0.060445	0.13834	0.040844	-0.03842	0.004766	0.08263
-0.0714	-0.05029	-0.0718	-0.01982	0.107138	0.157998	0.104103	0.014569	-0.00315	0.071431
-0.07424	-0.02541	-0.03206	0.021406	-0.00106	0.080501	0.126619	0.047505	0.003046	0.022718
-0.05738	-0.01591	0.003198	0.023649	-0.10807	-0.09778	0.080792	0.058152	0.05691	0.062347
-0.05969	-0.07438	-0.00143	0.016254	-0.09432	-0.14484	0.014527	0.061636	0.098156	0.111905
-0.0505	-0.09286	-0.03225	0.044303	-0.01053	-0.0722	-0.09476	0.020914	0.042411	0.105665
-0.0458	-0.04123	-0.00845	0.07218	0.035706	-0.05112	-0.15379	-0.01125	0.040092	0.07153
-0.03615	-0.01284	0.005539	0.078046	0.048626	-0.0205	-0.07674	6.82E-04	0.123677	0.123155
-0.0295	-0.03519	0.002578	0.01619	0.075237	-0.01234	-0.01979	-0.01459	0.099386	0.155881
-0.03749	-0.0435	-0.0163	0.040803	0.099284	0.016688	0.015365	-0.01933	0.020984	0.132313
-0.06295	-0.04933	-0.03432	0.066202	0.131478	0.089409	0.050877	-0.00661	0.008465	0.110471
-0.06401	-0.02513	-0.00453	0.033178	0.105082	0.056403	0.016441	9.19E-04	0.035582	0.125217
-8.43E-04	0.030438	0.035785	0.057024	0.058197	0.004417	0.026294	0.00371	0.068903	0.114485
0.007893	0.005454	0.067432	0.108283	0.076073	0.042884	0.074317	0.020057	0.051287	0.135247
-0.02524	-0.01541	0.020205	0.091155	0.104321	0.096205	0.073652	-0.00243	-0.01085	0.073261
-0.06349	-0.03126	0.008354	0.131955	0.146863	0.092882	0.027287	-0.04832	0.006623	0.064455
-0.0569	-0.01756	-0.00469	0.122	0.093537	-0.00794	-0.03625	-0.0947	0.005586	0.106414
-0.02046	0.037978	0.004336	0.081218	0.037233	-0.03217	-0.04126	-0.05339	-0.00158	0.095714
-0.02828	0.024487	0.080322	0.116557	0.064713	-0.01598	-0.02244	0.011663	-0.00224	0.053567
-0.00951	-0.0235	3.34E-04	0.106291	0.090475	0.042164	0.012173	-0.00363	0.014547	0.08596
-0.0578	-0.05356	-0.00734	0.147488	0.124961	0.053878	0.023328	-0.03988	0.032655	0.160491
-0.08578	-0.02818	0.008207	0.125512	0.148516	0.049328	0.013135	0.002475	0.054415	0.131604
-0.00453	0.031169	0.06295	0.080725	0.179653	0.098605	0.018862	0.015037	0.040372	0.057206

-0.01606	-0.00561	0.072688	0.10024	0.182001	0.10342	0.050201	0.057611	0.044885	0.090371
-0.04673	-0.06303	-0.00849	0.14257	0.19792	0.100093	0.056513	0.075447	0.080056	0.192611
-0.0567	-0.0321	-0.04631	0.09667	0.191104	0.12524	0.051414	0.064548	0.130414	0.217964
-0.04131	8.85E-04	-0.02756	0.048128	0.148865	0.191585	0.085618	0.071191	0.153423	0.17135
-0.01417	0.003537	0.026986	0.100937	0.194418	0.236418	0.10829	0.115187	0.157568	0.207476
-0.02851	-0.00989	0.0242	0.148178	0.228539	0.244797	0.099198	0.164682	0.134315	0.229422
-0.01813	-0.00543	0.002784	0.122244	0.195517	0.156152	0.037302	0.114795	0.152242	0.237593
-0.07312	0.009502	0.054635	0.112798	0.133663	0.020393	0.012707	0.068159	0.157415	0.223848
-0.07155	-0.01162	0.044721	0.120025	0.104242	-0.0079	0.061984	0.094582	0.140542	0.186779
-0.03019	0.01395	0.020291	0.11514	0.096465	0.043696	0.049921	0.08078	0.127546	0.179027
-0.0754	0.005579	0.020722	0.049273	0.132121	0.111099	0.044783	0.056384	0.107879	0.197828
-0.05262	-0.02858	0.007915	0.028388	0.145736	0.166596	0.036038	0.014146	0.064283	0.142452
-0.04413	-0.03979	0.030735	0.023303	0.090577	0.104379	0.032467	0.007811	0.089325	0.123489
-0.06928	-0.02513	0.025047	0.042222	0.120062	0.079986	0.024776	0.018145	0.117071	0.187455
-0.11295	-0.01782	0.02446	0.017851	0.100739	0.093565	0.012493	0.011	0.08044	0.186103
-0.11411	0.00196	0.05573	0.027994	0.097963	0.129673	0.077629	0.081247	0.111527	0.151586
-0.06428	-0.01774	0.026702	0.115354	0.135492	0.105522	0.126842	0.115412	0.202709	0.243824
-0.09058	-0.07538	0.01184	0.10522	0.129888	0.038805	0.130582	0.114963	0.195331	0.285794
-0.10004	-0.02365	0.017548	0.06335	0.11743	0.05515	0.144221	0.142699	0.137023	0.282732
-0.12801	-0.01845	0.008668	0.006502	0.143059	0.173142	0.16091	0.154058	0.119505	0.241482
-0.10853	-0.03856	-0.00167	0.029569	0.128499	0.159763	0.095821	0.126243	0.204855	0.246512
-0.04923	-0.05122	0.012768	0.074605	0.148662	0.110546	0.05132	0.0601	0.159379	0.241701
-0.06118	-0.04331	0.050237	0.069169	0.138946	0.140675	0.077753	0.050082	0.070128	0.225358
-0.09664	-0.02943	0.028758	0.06989	0.12565	0.172413	0.124016	0.038757	0.099092	0.236293
-0.07958	-0.03698	-0.00114	0.070732	0.122081	0.189465	0.117222	0.006258	0.106026	0.266308
-0.03102	-0.05925	-0.00605	0.100524	0.148371	0.172747	0.100504	0.020327	0.074228	0.219558
-0.03108	-0.0118	0.050213	0.099055	0.077674	0.168185	0.105212	0.032125	0.079877	0.206599
-0.05187	-0.03178	0.021432	0.056511	0.063851	0.188929	0.16898	0.07109	0.089168	0.156181
-0.0472	-0.0546	-0.00981	0.042831	0.061752	0.113027	0.21904	0.118653	0.120151	0.211205
-0.01401	-0.0361	0.028955	0.076774	0.06548	0.04974	0.09355	0.177221	0.155277	0.285107
-0.01429	-0.07098	0.030361	0.117683	0.139572	0.10482	-0.11726	0.054208	0.199324	0.310753
0.016744	-0.06596	0.038377	0.133317	0.148284	0.120502	-0.14592	0.006105	0.210111	0.291941
0.05722	-0.08727	0.021152	0.105428	0.201681	0.185694	0.082119	0.08987	0.265949	0.356496
0.14651	0.037011	0.064233	0.119351	0.216581	0.183727	0.153873	0.037371	0.204445	0.366068
0.252283	0.167063	0.08852	0.147085	0.273248	0.262954	0.191286	0.026209	0.075849	0.213184
0.33674	0.200319	0.161216	0.21862	0.3066	0.309552	0.265761	0.058891	0.026067	0.128694
0.400712	0.307512	0.303757	0.293388	0.318814	0.313146	0.284849	0.085027	0.043022	0.167639
0.425795	0.413015	0.408659	0.372031	0.357473	0.304463	0.261572	0.087231	0.09385	0.232665
0.419073	0.390858	0.387272	0.420547	0.325314	0.267274	0.208616	0.123374	0.161166	0.28904
0.353432	0.336857	0.282131	0.428326	0.330717	0.341629	0.288141	0.201553	0.217079	0.294408
0.365201	0.390351	0.379436	0.460976	0.415268	0.336506	0.369189	0.324562	0.29842	0.340936
0.3769	0.415477	0.508658	0.533733	0.491447	0.356765	0.389263	0.401202	0.354737	0.372141
0.407953	0.422237	0.41363	0.495577	0.530743	0.340957	0.368509	0.481486	0.441208	0.419237
0.34741	0.383567	0.359455	0.454865	0.428962	0.411951	0.434513	0.518857	0.460029	0.447394
0.262075	0.368138	0.429828	0.475539	0.353123	0.491894	0.517608	0.531113	0.418789	0.455385
0.224969	0.360128	0.439089	0.514771	0.470884	0.491071	0.440595	0.446234	0.3772	0.47456
0.328052	0.396935	0.407924	0.471882	0.501286	0.467154	0.332741	0.354813	0.357154	0.44325

0.290525	0.365547	0.391042	0.426737	0.328601	0.449338	0.42271	0.389699	0.434957	0.4645
0.224409	0.299838	0.3422	0.428821	0.284745	0.486669	0.488853	0.390862	0.393445	0.520414
0.136954	0.289999	0.326516	0.404458	0.372055	0.460976	0.435813	0.367519	0.347042	0.446925
0.200195	0.279828	0.282524	0.275805	0.438261	0.459328	0.374416	0.350016	0.314997	0.401361
0.283066	0.285759	0.248648	0.272457	0.462661	0.461921	0.366816	0.339636	0.315878	0.347131
0.219444	0.236796	0.267757	0.405759	0.479329	0.416346	0.343042	0.272665	0.32614	0.540363
0.160994	0.257891	0.316197	0.348065	0.499783	0.341136	0.312375	0.264318	0.332003	0.643253
0.071572	0.235588	0.321885	0.364053	0.496209	0.315755	0.227297	0.286847	0.362276	0.83376
0.117521	0.211346	0.313106	0.252342	0.393328	0.342526	0.233825	0.224685	0.379287	1.12491
0.168145	0.251627	0.219804	0.199601	0.245968	0.386626	0.405638	0.351029	0.512756	1.13823
0.122464	0.239006	0.232337	0.296375	0.281063	0.402467	0.468731	0.418343	0.552851	1.060442
0.079529	0.210609	0.272035	0.29379	0.371132	0.392682	0.436777	0.548645	0.67156	1.871315
0.046029	0.136653	0.216616	0.29126	0.372104	0.493035	0.473088	0.551855	0.74375	0.33578
0.149557	0.15902	0.08744	0.177975	0.34638	0.529028	0.528543	0.450647	0.748739	0.537416
0.182937	0.250561	0.102684	0.061648	0.338253	0.520287	0.54526	0.48129	0.739051	1.268089
0.09824	0.204722	0.140996	0.110178	0.268778	0.536472	0.661954	0.618093	0.913373	0.369526
0.077782	0.121965	0.150117	0.228832	0.236543	0.369094	0.725896	0.730313	1.070147	0.184763
0.053152	0.068887	0.176038	0.234591	0.228259	0.369571	0.719866	0.834972	0.992821	0.092381
0.033429	0.082383	0.12358	0.171424	0.210405	0.440472	0.681242	0.848122	1.118294	0.046191
0.062168	0.018142	-0.0351	0.041005	0.148662	0.336329	0.552827	0.764224	2.236081	0.023095
-0.00176	-0.02142	-0.07687	-0.05467	0.057254	0.164207	0.465567	0.69479	2.123574	0.011548
-0.04235	0.031368	0.008124	-0.07429	-0.01272	0.055845	0.354532	0.593436	1.096736	0.005774
-0.07741	0.013822	0.047871	-0.01982	0.011262	0.199523	0.371282	0.580464	1.343915	0.002887
-0.04998	-0.0214	-0.00714	-0.04887	-0.02236	0.159321	0.36561	0.564777	0.27307	0.001443
-0.04786	-0.03357	-0.04572	-0.05514	-0.03343	0.02372	0.2819	0.54614	0.136535	0
-0.07918	-0.08242	-0.04329	-0.05611	0.027316	0.076273	0.291904	0.614801	0.068268	0
-0.09849	-0.11053	-0.02829	-0.05471	0.022942	0.080968	0.3469	0.888477	0.034134	0
-0.12061	-0.10656	-0.02611	-0.0192	-0.00318	0.064564	0.26814	1.364123	0.017067	0
-0.08205	-0.07968	-0.0593	0.003066	0.06249	0.107216	0.282894	0.13407	0.008533	0
-0.11615	-0.07896	-0.03821	0.017659	0.108753	0.17372	0.445024	0.067035	0	0
-0.07352	-0.05056	-0.04923	-0.06135	0.053619	0.184756	0.615034	0.033518	0	0
-0.10996	-0.1127	-0.0553	-0.04737	0.072985	0.370816	1.370913	0.016759	0	0
-0.0809	-0.06171	0.01024	-0.01741	0.164921	0.570622	0.185408	0.008379	0	0
-0.07405	-0.03586	-0.00131	-0.02203	0.272706	0.878789	0.068176	0	0	0
-0.11167	-0.01651	0.044744	0.182689	0.649964	0.136353	0.034088	0	0	0
-0.16978	-0.01649	0.056968	0.335917	2.09658	0.068176	0	0	0	0
-0.12888	0.019693	0.116091	0.54029	0.167958	0	0	0	0	0
-0.04518	0.166095	0.547183	1.915253	0	0	0	0	0	0
0.109647	0.482604	0.324349	0	0	0	0	0	0	0
0.65189	1.736089	0	0	0	0	0	0	0	0
0.1139	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

290	291	292	293	294	295	296	297	298	299
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.906637	0.983681	0.170197	0.085098	0	0	0	0	0	0
0.32552	0.340393	0.557145	0.726331	1.124831	0.216891	0	0	0	0
0.159832	0.186398	0.22898	0.309085	0.433781	0.596354	1.119833	0.236219	0.118109	0.059055
0.069406	0.056613	0.112683	0.20291	0.280857	0.296684	0.472438	0.767188	0.747969	0.763598
0.018428	0.013515	0.019253	0.065265	0.214191	0.286332	0.347891	0.426126	0.396844	0.401797
0.074548	0.138888	0.090754	0.062121	0.190116	0.278056	0.344181	0.376662	0.394509	0.399889
0.181991	0.197917	0.187391	0.166315	0.20327	0.238487	0.336579	0.384816	0.419622	0.450612
0.135241	0.137505	0.123949	0.078274	0.179651	0.204986	0.267171	0.305567	0.369467	0.398856
0.106313	0.097403	0.098798	0.048261	0.13253	0.150105	0.192253	0.200909	0.227924	0.265947
0.06538	0.088418	0.095781	0.040314	0.064718	0.047829	0.108335	0.116	0.110506	0.175082
-0.01427	0.006669	0.039343	0.011241	0.070163	0.065236	0.033851	0.027081	0.063591	0.120357
-0.0601	-0.06911	-0.01515	-0.02484	0.047027	0.088766	0.030841	0.006687	0.045423	0.07448
-0.0227	-0.00633	0.002298	-0.01473	0.006353	0.048276	0.039981	-0.0045	-5.77E-04	0.015962
-0.0086	0.001316	0.017939	-0.03168	-0.01971	-0.0303	0.017701	0.041284	-0.02412	-0.00334
-0.07679	-0.0519	-0.02739	-0.04511	-0.02539	-0.06085	-0.01866	-0.00123	-0.01988	-0.03723
-0.11025	-0.08347	-0.07946	-0.09666	-0.07911	-0.10953	-0.07288	-0.01858	-0.03675	-0.04322

-0.08843	-0.13121	-0.18531	-0.16537	-0.09157	-0.09288	-0.04454	-0.01401	-0.06772	-0.09598
-0.07563	-0.07024	-0.13729	-0.12622	-0.12974	-0.14695	-0.08678	-0.10739	-0.15505	-0.09531
-0.10621	-0.07134	-0.11915	-0.11016	-0.15035	-0.18658	-0.0749	-0.13162	-0.12172	-0.05276
-0.14597	-0.11631	-0.10872	-0.07926	-0.12081	-0.14172	-0.08952	-0.10609	-0.10282	-0.09879
-0.13605	-0.11602	-0.07806	-0.09395	-0.14979	-0.16386	-0.14085	-0.14603	-0.15532	-0.11085
-0.11474	-0.16788	-0.1597	-0.13997	-0.11515	-0.14596	-0.1298	-0.15294	-0.1692	-0.09478
-0.11092	-0.14379	-0.17578	-0.15842	-0.17065	-0.17578	-0.1349	-0.21061	-0.21193	-0.17243
-0.14985	-0.1288	-0.1419	-0.162	-0.2284	-0.17766	-0.11141	-0.19784	-0.20044	-0.15647
-0.2157	-0.12981	-0.12224	-0.10945	-0.15607	-0.1719	-0.16563	-0.16782	-0.17844	-0.18133
-0.14659	-0.09868	-0.12655	-0.10877	-0.16424	-0.18131	-0.16862	-0.14286	-0.14091	-0.15211
-0.13104	-0.10672	-0.13581	-0.14365	-0.19605	-0.17566	-0.15515	-0.12024	-0.13449	-0.14008
-0.09422	-0.14799	-0.16241	-0.10908	-0.15783	-0.14902	-0.16165	-0.17966	-0.18629	-0.18184
-0.07182	-0.12443	-0.18445	-0.14014	-0.17506	-0.11425	-0.13028	-0.19508	-0.20105	-0.1892
-0.1381	-0.16697	-0.20228	-0.16663	-0.19989	-0.14761	-0.1527	-0.18166	-0.17549	-0.22889
-0.18658	-0.14918	-0.15718	-0.10986	-0.1775	-0.23566	-0.18834	-0.17048	-0.16544	-0.23204
-0.18011	-0.17008	-0.19925	-0.14323	-0.15222	-0.19205	-0.1523	-0.16773	-0.19915	-0.24621
-0.15664	-0.20923	-0.17177	-0.16161	-0.12797	-0.18131	-0.22105	-0.22308	-0.20868	-0.24253
-0.13819	-0.21696	-0.2066	-0.21155	-0.17747	-0.16085	-0.22439	-0.15812	-0.11272	-0.18077
-0.16021	-0.21936	-0.18958	-0.20693	-0.20308	-0.16374	-0.21759	-0.14881	-0.16194	-0.16147
-0.14922	-0.19131	-0.16158	-0.21284	-0.2082	-0.18102	-0.19631	-0.16655	-0.21195	-0.21699
-0.14648	-0.19086	-0.20662	-0.26708	-0.2363	-0.1697	-0.18317	-0.20827	-0.23582	-0.22275
-0.16914	-0.1843	-0.17413	-0.21003	-0.21501	-0.22594	-0.24104	-0.22181	-0.25414	-0.20779
-0.1697	-0.18545	-0.183	-0.18185	-0.15964	-0.22922	-0.25641	-0.18218	-0.1813	-0.20654
-0.21197	-0.19717	-0.20217	-0.19934	-0.16904	-0.20258	-0.19592	-0.18824	-0.17506	-0.20344
-0.20515	-0.18676	-0.20982	-0.20782	-0.20484	-0.21406	-0.16829	-0.20311	-0.19136	-0.19981
-0.19963	-0.21814	-0.21099	-0.2156	-0.1835	-0.21908	-0.18201	-0.2294	-0.18264	-0.17027
-0.24937	-0.21188	-0.20225	-0.22742	-0.17433	-0.19767	-0.19074	-0.20725	-0.17829	-0.16577
-0.22303	-0.19818	-0.19959	-0.20346	-0.20029	-0.15929	-0.14601	-0.15969	-0.17227	-0.17172
-0.21264	-0.20384	-0.19746	-0.1964	-0.20719	-0.16299	-0.16219	-0.1444	-0.17908	-0.16464
-0.19272	-0.20161	-0.20424	-0.18784	-0.19084	-0.17247	-0.17659	-0.13969	-0.18158	-0.15703
-0.17565	-0.17268	-0.20209	-0.14934	-0.15107	-0.17085	-0.18172	-0.14363	-0.16841	-0.13836
-0.15987	-0.16778	-0.19052	-0.16532	-0.14893	-0.16001	-0.18947	-0.1325	-0.14711	-0.13655
-0.1644	-0.17395	-0.16092	-0.19165	-0.1623	-0.15227	-0.16244	-0.14481	-0.17846	-0.14934
-0.1745	-0.18799	-0.16213	-0.18622	-0.14942	-0.14835	-0.12044	-0.14872	-0.16015	-0.13721
-0.18706	-0.20964	-0.19773	-0.17871	-0.14842	-0.15804	-0.11789	-0.1657	-0.13579	-0.12816
-0.18532	-0.17492	-0.16557	-0.17714	-0.14313	-0.15777	-0.13676	-0.17119	-0.14085	-0.16895
-0.14391	-0.11579	-0.12485	-0.15785	-0.11664	-0.15786	-0.11781	-0.14077	-0.14414	-0.18735
-0.10189	-0.09908	-0.1275	-0.13081	-0.1212	-0.16934	-0.13107	-0.12846	-0.12294	-0.18081
-0.11952	-0.11423	-0.11287	-0.12757	-0.14495	-0.12158	-0.14018	-0.13733	-0.11402	-0.15005
-0.15285	-0.12512	-0.11063	-0.14633	-0.17802	-0.12831	-0.11361	-0.12547	-0.1213	-0.12019
-0.14139	-0.13323	-0.11892	-0.09808	-0.15394	-0.12271	-0.09475	-0.09911	-0.12648	-0.1676
-0.10552	-0.16232	-0.16195	-0.06328	-0.09856	-0.10282	-0.13633	-0.10755	-0.10629	-0.1432
-0.09182	-0.16233	-0.18791	-0.12928	-0.10961	-0.10337	-0.17127	-0.08257	-0.0806	-0.0926
-0.09521	-0.12179	-0.13501	-0.12937	-0.10264	-0.12823	-0.1668	-0.08812	-0.09104	-0.09982
-0.09065	-0.1161	-0.08892	-0.10091	-0.11654	-0.13081	-0.1228	-0.09064	-0.10359	-0.07404
-0.09318	-0.15037	-0.08653	-0.11908	-0.12456	-0.09044	-0.07427	-0.08001	-0.13647	-0.12081
-0.14883	-0.15222	-0.09894	-0.13436	-0.10896	-0.11522	-0.09937	-0.09199	-0.13512	-0.13716

-0.15679	-0.14617	-0.12384	-0.12244	-0.10226	-0.15257	-0.10982	-0.09798	-0.11041	-0.11603
-0.10377	-0.12173	-0.138	-0.13855	-0.10341	-0.12819	-0.10554	-0.13043	-0.10094	-0.11441
-0.12491	-0.15331	-0.1273	-0.12784	-0.06798	-0.05556	-0.08918	-0.13029	-0.10599	-0.13133
-0.13392	-0.09965	-0.06054	-0.08884	-0.05495	-0.0561	-0.07714	-0.13892	-0.1056	-0.13145
-0.12072	-0.07707	-0.05041	-0.0711	-0.09106	-0.10821	-0.07399	-0.14408	-0.07661	-0.09428
-0.06742	-0.0788	-0.09673	-0.04753	-0.09462	-0.08817	-0.08551	-0.12539	-0.08669	-0.16314
-0.05727	-0.07395	-0.13763	-0.08215	-0.06107	-0.05559	-0.10412	-0.11888	-0.09753	-0.16894
-0.07968	-0.06312	-0.12301	-0.08908	-0.06554	-0.06189	-0.09417	-0.10823	-0.09166	-0.10983
-0.05699	-0.05536	-0.09555	-0.06045	-0.10781	-0.10546	-0.04456	-0.08001	-0.07134	-0.10128
-0.06847	-0.03563	-0.05948	-0.05131	-0.11835	-0.08664	-0.02751	-0.04024	-0.06222	-0.1001
-0.0775	-0.07157	-0.04742	-0.04479	-0.0941	-0.05493	-0.05581	-0.02148	-0.0775	-0.13281
-0.0697	-0.10217	-0.11651	-0.08532	-0.08118	-0.05868	-0.10519	-0.05602	-0.07226	-0.11421
-0.05884	-0.09276	-0.09913	-0.06535	-0.06638	-0.07521	-0.12269	-0.09759	-0.07758	-0.08274
-0.05973	-0.0876	-0.10154	-0.06286	-0.06739	-0.0641	-0.06435	-0.04234	-0.0717	-0.0343
-0.06521	-0.07689	-0.08494	-0.11223	-0.08997	-0.02444	-0.01035	-0.03581	-0.07159	-0.06561
-0.05971	-0.08246	-0.05804	-0.08603	-0.0465	-0.04828	-0.02392	-0.04688	-0.06867	-0.04972
-0.06157	-0.1079	-0.10069	-0.13522	-0.04907	-0.11347	-0.07047	-0.04941	-0.06089	-0.03638
-0.05571	-0.07989	-0.061	-0.15009	-0.07995	-0.13884	-0.11681	-0.0554	-0.05241	-0.03914
-0.05849	-0.0882	-0.03058	-0.09075	-0.05253	-0.08977	-0.08933	-0.039	-0.04454	-0.04873
-0.1142	-0.10815	-0.0839	-0.09605	-0.04828	-0.07801	-0.06675	-0.05723	-0.0817	-0.07815
-0.10189	-0.0942	-0.10443	-0.13112	-0.07283	-0.12304	-0.0686	-0.08299	-0.15085	-0.04461
-0.08427	-0.07635	-0.06015	-0.0908	-0.03932	-0.09346	-0.06858	-0.09843	-0.14035	-0.02458
-0.07834	-0.06917	-0.03641	-0.05464	-0.05471	-0.0989	-0.06612	-0.04682	-0.03681	-0.0428
-0.06032	-0.07207	-0.05303	-0.062	-0.05871	-0.08179	-0.05572	-0.03694	-0.05138	-0.08167
-0.0787	-0.04339	-0.06291	-0.06582	-0.02539	-0.06651	-0.04222	-0.12214	-0.06492	-0.0873
-0.12226	-0.07528	-0.10032	-0.09591	-0.06189	-0.06326	-0.04266	-0.11458	-0.0521	-0.06487
-0.08721	-0.0656	-0.08387	-0.08465	-0.10914	-0.10309	-0.09085	-0.11651	-0.07955	-0.1108
-0.02125	-0.04498	-0.08672	-0.09812	-0.09909	-0.09392	-0.06863	-0.10178	-0.06139	-0.14702
-0.06345	-0.08669	-0.11028	-0.10076	-0.03768	-0.02843	-0.02884	-0.05319	-0.05277	-0.1422
-0.08391	-0.08655	-0.12249	-0.09546	-0.07584	-0.05517	-0.07878	-0.0899	-0.04954	-0.08111
-0.09949	-0.08085	-0.12023	-0.07664	-0.1284	-0.08722	-0.11873	-0.10994	-0.05976	-0.06623
-0.09535	-0.07812	-0.10519	-0.06647	-0.13383	-0.09753	-0.08749	-0.0837	-0.08979	-0.11194
-0.05332	-0.05878	-0.0876	-0.07889	-0.11051	-0.09498	-0.07438	-0.05479	-0.08529	-0.13399
-0.06823	-0.06657	-0.12264	-0.08732	-0.07732	-0.08378	-0.07582	-0.08046	-0.08249	-0.12236
-0.0638	-0.07377	-0.10692	-0.09549	-0.0834	-0.07126	-0.11467	-0.1136	-0.05724	-0.07579
-0.11694	-0.09367	-0.05009	-0.07684	-0.11288	-0.07557	-0.13019	-0.0935	-0.09003	-0.06442
-0.06657	-0.05807	-0.07697	-0.08938	-0.1285	-0.0843	-0.10112	-0.06146	-0.10756	-0.055
-0.06309	-0.07376	-0.11827	-0.12231	-0.13527	-0.05951	-0.06748	-0.03161	-0.08332	-0.0715
-0.0691	-0.09655	-0.07543	-0.06976	-0.07495	-0.04484	-0.07429	-0.04181	-0.07018	-0.07594
-0.04811	-0.05453	-0.03217	-0.06109	-0.04199	-0.07331	-0.06455	-0.04665	-0.04248	-0.04341
-0.04549	-0.06032	-0.04675	-0.08482	-0.07493	-0.10648	-0.07864	-0.07164	-0.07331	-0.03936
-0.02008	-0.08808	-0.06486	-0.08707	-0.07315	-0.07567	-0.03995	-0.06777	-0.1057	-0.07741
-0.03982	-0.0923	-0.04421	-0.06362	-0.03082	-0.0125	-0.03406	-0.07921	-0.133	-0.0792
-0.08476	-0.11536	-0.08049	-0.10133	-0.07113	-0.04741	-0.05591	-0.04055	-0.09816	-0.03516
-0.06602	-0.07397	-0.06497	-0.13476	-0.07688	-0.10181	-0.04815	-0.00711	-0.03283	-0.03928
-0.03458	-0.0307	-0.02699	-0.11216	-0.05869	-0.08487	-0.04402	-0.06828	-0.04933	-0.06315
-0.03796	-0.02577	-0.02514	-0.07191	-0.0443	-0.07058	-0.04524	-0.06414	-0.07195	-0.05404

-0.06912	-0.04314	0.009721	-0.02305	-0.02452	-0.04337	-0.03603	-0.03889	-0.0623	-0.02781
-0.07414	-0.03088	0.019208	-0.00645	-0.02562	-0.0547	-0.04337	-0.0123	0.004116	0.011668
-0.01285	-0.00378	-0.01213	2.69E-05	-0.01594	-0.05374	-0.01916	-0.02697	0.020425	-0.00467
0.037069	0.012823	-0.05812	-0.03778	0.003477	-0.01923	0.007137	-0.0345	0.011766	-0.0348
-0.01082	-0.01273	-0.07404	-0.07265	0.009975	0.024018	0.014035	-0.05693	0.012227	-0.0265
-0.0707	-0.0102	0.002556	-0.019	-0.02117	-0.02559	0.004199	-0.02247	0.018862	-0.04206
-0.07986	-0.03399	-0.0344	-0.00264	-0.03787	-0.05931	0.018297	0.015367	-0.01401	-0.02632
-0.08998	-0.06498	-0.11471	-0.05095	-0.038	-0.01102	0.0091	-0.0123	-0.01324	0.02048
-0.09293	-0.07653	-0.13371	-0.07641	-0.01398	0.007515	-0.05258	-0.02584	0.020313	0.064339
-0.0598	-0.04462	-0.08791	-0.05148	0.020017	0.015153	-0.02332	-0.02789	0.00201	0.04486
-0.02556	0.00797	-0.0129	-0.00837	-0.02361	0.005824	0.032526	0.009323	0.017127	-0.01372
-0.01129	-0.01456	-0.02869	-0.01405	-0.06967	0.006979	0.075363	0.067184	0.039282	0.003839
-0.01024	-0.05249	-0.06451	-0.02913	-0.05474	0.010961	0.004306	0.002379	-0.05668	-0.0064
-0.06034	-0.08137	-0.11023	-0.04975	-0.03179	0.002992	-0.04532	-0.05233	-0.07439	-0.03584
-0.10222	-0.04556	-0.07571	-0.02996	-0.02576	0.001086	-0.00767	-0.04042	-0.05459	-0.07234
-0.06939	0.019547	0.006351	-0.01819	-0.05282	0.002631	-0.03125	-0.01287	0.00541	-0.093
-0.02632	-0.01466	0.010966	-0.04088	-0.06276	0.013693	-0.03758	1.67E-04	0.023951	-0.00329
-0.01071	-0.07721	-0.07045	-0.04275	-0.03113	-0.01322	-0.0454	-0.02121	-0.02977	0.062084
0.007275	-0.05279	-0.10907	-0.01088	-0.01156	-0.03647	-0.07051	-0.03724	-0.04253	0.066505
-0.03912	-0.02295	-0.03669	0.009431	-0.08627	-0.05554	-0.06024	-0.02275	-0.0555	0.005503
-0.07312	-0.0204	-0.02209	0.0069	-0.07292	-0.03333	0.005869	0.041587	-0.00981	-0.04625
-0.05062	-0.05065	-0.05376	-0.05815	-0.05397	-0.03526	0.020133	0.021318	-0.02209	-0.02636
-0.03354	-0.09578	-0.075	-0.1016	-0.05508	-0.03846	-0.04207	-0.02265	-0.0525	-0.01196
-0.04496	-0.08605	-0.07639	-0.05509	-0.02424	-0.04459	-0.05921	-0.01236	-0.02414	-0.05266
-0.07368	-0.0691	-0.07557	-0.04283	-0.03301	-0.03571	-0.06105	-0.02435	-0.05148	-0.04239
-0.08453	-0.05481	-0.08279	-0.04029	-0.07038	-0.03693	-0.05932	-0.01458	-0.06065	-0.03334
-0.05577	-0.05864	-0.06276	-0.02488	-0.06552	-0.0324	-0.05511	-0.01462	-0.02422	0.029405
-0.04038	-0.08636	-0.04057	-0.05024	-0.0421	-0.02126	-0.04174	-0.0054	-0.01664	0.029428
-0.06221	-0.08436	-0.07231	-0.09036	-0.03566	-0.0269	-0.05145	-0.02373	0.00513	0.035639
-0.05011	-0.03673	-0.05024	-0.03748	-0.03729	-0.04113	-0.06511	-0.02711	-0.02757	0.014123
-0.02085	-0.01275	-0.02121	-0.02357	-0.03266	-0.00465	-0.01536	-5.75E-04	-0.00812	0.027485
-0.04245	-0.08065	-0.04923	-0.06422	-0.02618	-0.00695	-0.01624	-0.00768	-0.04317	0.008586
-0.03918	-0.10105	-0.07043	-0.09874	-0.04151	-0.03431	-0.06015	-0.00992	-0.03669	-0.03284
-0.04896	-0.09169	-0.05972	-0.03961	-0.01205	-0.00964	-0.05708	-0.03444	-0.018	0.010668
-0.05291	-0.06332	-0.01723	0.017704	0.020083	0.004693	-0.07609	-0.0419	-0.07141	-0.0012
-0.05476	-0.03639	-0.0042	-0.03096	-0.03817	0.003332	-0.06542	-0.03968	-0.05743	-0.00546
-0.0603	-0.0519	-0.00255	-0.0549	-0.03021	0.001424	-0.02334	-0.01324	-0.02771	0.034441
-0.06102	-0.08069	-0.02431	-0.05966	-5.93E-04	-0.04702	-0.04749	-0.05005	-0.03841	0.031287
-0.06303	-0.10621	-0.06618	-0.10643	-0.03249	-0.04459	-0.06309	-0.07762	-0.04186	-0.01408
-0.02876	-0.06615	-0.03478	-0.07565	-0.05388	-0.02162	-0.05421	-0.0257	-0.04796	-0.03701
-0.01361	-0.07402	-0.0417	-0.04832	-0.07908	-0.04911	-0.04114	-0.01687	-0.03589	0.006734
-0.06393	-0.09652	-0.02971	-0.05332	-0.06656	-0.06548	-0.06065	-0.06895	-0.02701	0.012425
-0.10044	-0.11584	-0.0456	-0.07601	-0.02684	-0.02332	-0.03852	-0.07066	-0.03993	-0.01427
-0.09579	-0.11773	-0.08269	-0.08444	-0.04882	-0.05392	-0.02805	-0.06782	-0.06585	-0.04796
-0.04667	-0.07285	-0.04419	-0.05738	-0.07625	-0.09627	-0.09509	-0.10163	-0.03657	0.010512
-0.07242	-0.07278	-0.04166	-0.09111	-0.07908	-0.07778	-0.06081	-0.02993	-0.01181	0.058252
-0.14887	-0.06165	-0.05365	-0.07549	-0.05434	-0.04266	-0.0152	-0.02502	-0.01293	0.029753

-0.16671	-0.08386	-0.06464	-0.09958	-0.02659	-0.05746	-0.00345	-0.01263	0.0299	0.019595
-0.09329	-0.06953	-0.03362	-0.08529	-0.01028	-0.0734	-0.02741	0.023238	0.044641	0.009603
-0.01127	-0.03791	-0.05197	-0.09894	-0.0529	-0.08759	-0.03498	-0.02681	0.001196	-0.02231
-0.05092	-0.07022	-0.0744	-0.11135	-0.0652	-0.03057	-0.00646	-0.04956	0.002761	0.012648
-0.13592	-0.08758	-0.0914	-0.08408	-0.03698	-0.0046	-0.02175	-0.03694	0.028758	0.049618
-0.11534	-0.08364	-0.08788	-0.07216	-0.05891	-0.03014	-0.0204	-0.03307	0.019889	0.066985
-0.10355	-0.11762	-0.06143	-0.04613	-0.06941	-0.08855	-0.05268	-0.02526	-0.00327	0.012403
-0.07045	-0.10926	-0.09088	-0.07888	-0.04851	-0.05591	-0.05624	-0.02113	0.012249	0.007835
-0.05738	-0.05553	-0.06233	-0.05581	-0.0096	0.006337	0.003195	-0.02397	0.008794	0.018916
-0.04305	-0.04124	-0.04734	-0.00998	-0.03087	-0.01094	-0.01977	-0.04776	-0.0056	0.056595
-0.10477	-0.06802	-0.08424	-0.027	-0.07504	-0.03161	-0.03605	0.006558	0.002331	0.057633
-0.10819	-0.04812	-0.1056	-0.05129	-0.06744	-0.0184	-0.05253	0.00993	-0.01052	0.036863
-0.05686	-0.03858	-0.08518	-0.06582	-0.07946	0.007022	-0.03119	-0.043	-0.03606	0.025551
-0.02482	-0.07961	-0.09048	-0.04889	-0.04161	0.018836	-0.03156	-0.05056	-0.0431	0.048115
-0.06184	-0.11124	-0.08478	-0.04958	-0.03829	-0.03803	-0.07324	-0.0176	-0.01849	0.04797
-0.08478	-0.13605	-0.08634	-0.06922	-0.08004	-0.06914	-0.08237	-0.02024	-0.0511	0.073966
-0.0788	-0.0686	-0.06396	-0.08324	-0.09479	-0.05467	-0.0922	-0.02616	-0.03478	0.061859
-0.07778	-0.12315	-0.10681	-0.06931	-0.08766	-0.02023	-0.08035	-0.03436	-0.00402	0.060562
-0.05004	-0.15491	-0.12317	-0.04693	-0.04102	-0.02793	-0.04758	-0.00932	0.029055	0.110915
-0.08665	-0.13085	-0.11448	-0.09859	-0.06111	-0.06738	-0.02108	-0.00776	0.011854	0.094505
-0.11764	-0.09632	-0.05626	-0.12208	-0.08627	-0.09327	-0.04547	-0.04859	-0.037	0.041582
-0.08883	-0.11116	-0.07648	-0.11184	-0.10356	-0.11307	-0.07637	-0.07531	-0.06755	0.062134
-0.07693	-0.11144	-0.10736	-0.09608	-0.05647	-0.07083	-0.07087	-0.05235	-0.04205	0.078874
-0.09142	-0.10361	-0.1311	-0.09033	-0.02584	-0.02523	-0.02999	0.002145	0.003642	0.154907
-0.12601	-0.07947	-0.0823	-0.10495	-0.04746	-0.03061	0.011658	0.008543	-0.02258	0.136606
-0.12855	-0.0754	-0.06482	-0.11019	-0.0709	-0.07269	0.004819	-0.00655	-0.01227	0.112315
-0.0738	-0.07499	-0.07057	-0.1327	-0.08702	-0.06696	-0.03052	-0.03673	0.010934	0.117736
-0.09358	-0.11105	-0.04986	-0.07546	-0.02949	-0.04333	-0.04239	-0.03446	0.097625	0.162179
-0.09655	-0.11344	-0.04755	-0.04774	-0.00288	-0.01947	0.0039	0.014599	0.143074	0.199315
-0.0779	-0.06207	-0.08302	-0.10235	-0.05995	-0.03921	0.024411	0.024201	0.091575	0.13306
-0.08931	-0.07963	-0.08896	-0.10637	-0.05413	-0.03114	0.025667	0.036321	0.10009	0.157172
-0.07207	-0.09411	-0.08761	-0.09973	-0.05356	-0.04167	-0.02685	-0.03149	0.096158	0.187213
-0.09682	-0.0625	-0.07401	-0.07664	-0.05688	-0.08434	-0.05884	-0.05176	0.072931	0.157702
-0.14371	-0.1073	-0.11136	-0.08643	-0.08819	-0.04333	0.00559	0.035262	0.065448	0.166925
-0.14463	-0.11708	-0.09263	-0.0673	-0.06415	-0.02076	-9.85E-04	0.016313	0.094351	0.213531
-0.1018	-0.06904	-0.09099	-0.0941	-0.08009	-0.06246	-0.02082	-0.00506	0.105036	0.207516
-0.10083	-0.08975	-0.10169	-0.12192	-0.08072	-0.09691	-0.02279	-0.03513	0.051747	0.140391
-0.13642	-0.0898	-0.06159	-0.08689	-0.08766	-0.11835	-0.02492	-0.01579	0.077932	0.153393
-0.13997	-0.07638	-0.0885	-0.07814	-0.08089	-0.08293	-0.02737	-0.01017	0.06664	0.146874
-0.13503	-0.08001	-0.12688	-0.08017	-0.09597	-0.0679	-0.0143	-0.02558	0.075615	0.165464
-0.09719	-0.09935	-0.12175	-0.11297	-0.12445	-0.06963	-0.01485	-0.01891	0.107243	0.190459
-0.0945	-0.08362	-0.08903	-0.07627	-0.07168	-0.10785	-0.0558	-0.00324	0.110258	0.160828
-0.10395	-0.07346	-0.08725	-0.04027	-0.04738	-0.09757	-0.0682	0.032099	0.153645	0.187647
-0.10877	-0.0818	-0.09157	-0.0442	-0.06823	-0.04785	-0.05204	0.008241	0.146888	0.146145
-0.09296	-0.0733	-0.07807	-0.05733	-0.11359	-0.01166	-0.02084	0.020517	0.130761	0.064993
-0.10011	-0.09208	-0.09	-0.08787	-0.14117	-0.04038	-0.02316	0.019828	0.061275	-0.01701
-0.10229	-0.09788	-0.06059	-0.03645	-0.07981	-0.06696	-0.06766	0.019651	0.067462	-0.04314

-0.09526	-0.0993	-0.07363	-0.04048	-0.01038	-0.0108	0.019845	0.096314	0.10452	-0.01502
-0.06199	-0.08698	-0.05957	-0.04119	-0.01456	-0.00834	0.038868	0.099636	0.120726	0.038801
-0.04286	-0.10437	-0.05761	-0.0405	-0.02043	-0.03236	0.003387	0.079972	0.146858	0.059095
-0.04663	-0.0963	-0.08033	-0.07726	-0.06983	-0.06902	-0.04183	0.056957	0.123781	0.033434
-0.0427	-0.07356	-0.06881	-0.07847	-0.09159	-0.04255	-0.01546	0.093306	0.107188	-0.00243
-0.07043	-0.08464	-0.06068	-0.10801	-0.06744	-0.03255	0.031546	0.114894	0.120276	0.013854
-0.09021	-0.11866	-0.05106	-0.09896	-0.0598	-0.05745	0.010898	0.05469	0.081264	0.031124
-0.09392	-0.13644	-0.0498	-0.06989	-0.05498	-0.09972	-0.0583	0.011408	0.058019	0.033481
-0.05392	-0.06817	-0.00955	-0.04519	-0.06216	-0.04605	-0.01929	0.059163	0.073158	0.04213
-0.03821	-0.03733	-0.02695	-0.05316	-0.05622	0.023951	0.073077	0.130564	0.072401	0.050785
-0.06291	-0.07052	-0.07471	-0.03249	-0.00425	0.021043	0.070182	0.073494	0.035955	0.041224
-0.10372	-0.11006	-0.07512	-0.05237	0.018226	-0.0166	0.068245	0.09833	0.099741	0.089551
-0.12329	-0.08674	-0.04113	-0.0564	-0.00228	-0.00679	0.080657	0.137232	0.155411	0.115526
-0.05873	-0.02684	-0.00976	-0.04233	-0.0298	-0.0291	0.056515	0.154502	0.137708	0.107655
-0.05398	-0.02305	-0.03405	-0.01363	-0.00342	0.003863	0.100794	0.198624	0.162799	0.120987
-0.08469	-0.03793	-0.03815	-0.01039	0.010446	0.014848	0.106789	0.161644	0.191646	0.152285
-0.10538	-0.04394	-0.03888	-0.0399	-0.03002	-0.03621	0.074482	0.152991	0.17639	0.157733
-0.06984	-0.04899	-0.02835	-0.00788	-0.00533	-0.04544	0.073503	0.185067	0.168078	0.118703
-0.07712	-0.03354	-0.0534	-0.03033	0.040024	0.049787	0.172664	0.174796	0.077473	-0.00781
-0.10462	-0.05154	-0.06828	-0.0245	0.042369	0.062695	0.13912	0.09328	-0.01785	-0.08188
-0.09751	-0.05233	-0.06521	-0.02591	-0.02202	0.003119	0.05022	0.084123	-0.01448	-0.04322
-0.11976	-0.05011	-0.0914	-0.02434	-0.02278	0.002971	0.081397	0.092754	0.004159	0.011179
-0.04437	0.00334	-0.03718	-0.01775	-0.01843	-0.04858	0.094433	0.081223	0.001945	0.015535
-0.01259	0.007394	-0.05418	0.00201	0.024662	0.017627	0.128121	0.096976	0.048371	0.039489
-0.04875	-0.02555	-0.04711	0.029977	0.031487	0.039738	0.075615	0.083942	0.100682	0.107488
-0.10859	-0.08407	-0.05367	0.010163	-0.01227	0.033386	0.036398	0.074172	0.094908	0.079004
-0.13163	-0.08488	-0.06363	-0.00932	-0.02857	0.048984	0.045823	0.044538	0.091154	0.065169
-0.05718	-0.03812	-0.08316	-0.04608	-0.00128	0.078644	0.109913	0.071064	0.108447	0.131972
-0.03116	-0.0456	-0.09285	-0.05668	0.065227	0.105533	0.155038	0.0916	0.041132	0.097911
-0.04589	-0.05944	-0.05127	-0.00912	0.039932	0.072922	0.116811	0.088781	-0.02215	0.009338
-0.0782	-0.0923	-0.0653	-0.00416	0.009483	0.098204	0.111333	0.079641	-0.02075	-0.00473
-0.08598	-0.0595	-0.04088	-0.01254	-0.02079	0.082731	0.09694	0.066072	0.003062	0.017335
-0.05276	-0.05459	-0.08171	0.00855	-0.00456	0.070262	0.066022	-0.00277	-0.0252	-0.00734
-0.02822	-0.04777	-0.04336	0.029593	-0.00531	0.07392	0.077306	-0.03745	-0.01973	-0.00683
-0.02316	-0.05507	-0.04575	0.017156	-0.00375	0.045014	0.095988	0.016357	-0.00465	-0.01073
-0.02382	-0.08027	-0.08008	-0.04088	0.016007	0.06553	0.101649	0.059066	-0.01164	0.016682
-0.03162	-0.08334	-0.05854	-0.04562	0.019449	0.045529	0.053297	0.030412	2.13E-04	0.072889
-0.05458	-0.06633	-0.05776	-0.02235	0.038902	0.079074	0.054183	0.019473	0.027233	0.05989
-0.03858	-0.01444	-0.0216	-0.01841	0.014859	-0.00598	0.076321	0.033334	0.039469	0.024793
-0.04656	-0.01288	-0.02316	-0.06069	-0.01497	-0.11294	0.003238	0.008976	0.0103	0.043805
-0.06245	-0.04733	-0.02026	-0.03722	0.001773	-0.09566	-0.11587	-0.02638	-0.01104	0.024748
-0.0304	-0.05362	-0.03813	-0.05142	0.050841	-0.02748	-0.13389	0.022612	0.054545	0.042154
-0.0091	0.020755	0.005572	-0.01866	0.087026	0.050142	-0.00748	0.091181	0.110231	0.117878
-0.03238	0.012715	8.63E-04	0.022221	0.047563	0.053729	0.005912	0.04732	0.039843	0.085708
-0.05967	-0.04927	-0.04631	0.004491	0.009654	0.016618	-0.03725	-0.00548	-0.01006	0.019709
-0.09748	-0.09779	-0.04548	0.00201	0.020741	-0.01123	-0.05057	-0.042	-0.00992	0.045654
-0.07675	-0.03391	-0.01674	0.020961	0.077924	0.021597	-0.04473	-0.07277	-0.04075	0.020208

-0.01791	0.006095	-0.02354	0.001292	0.056567	0.00544	-0.06775	-0.09955	-0.07557	-0.04328
0.016578	0.00119	0.00305	0.016456	0.025925	-0.01446	-0.0879	-0.1017	-0.0639	-0.04269
-0.01943	5.62E-05	0.010485	0.014602	0.034329	-0.01961	-0.06482	-0.05331	-0.05561	-0.02579
-0.07387	-0.00118	0.034788	0.06595	0.020653	-0.02264	-0.04864	-0.03031	-0.02617	0.00614
-0.02129	-0.01566	0.02268	0.11631	0.054761	-0.00366	-0.05129	-0.03301	0.014516	0.012448
4.27E-04	-0.01707	0.011755	0.06757	0.080735	0.022839	-0.02735	-0.01844	0.044547	0.02973
-0.05666	-0.05917	0.001955	0.014341	0.091752	0.033364	-0.04137	-0.02059	-8.11E-04	0.022369
-0.03475	-0.04545	0.005788	0.064361	0.102631	0.013128	-0.05784	-0.02148	-0.00785	0.007064
-0.05308	-0.03142	0.04124	0.12029	0.061743	0.011134	-0.01501	-0.0025	0.040921	0.025781
-0.03887	-0.03146	0.024754	0.103409	0.005357	-0.00824	-0.00617	6.55E-04	0.049565	0.035709
-0.01939	-0.03113	0.012567	0.060885	0.004575	-0.01583	0.006256	-0.00557	0.046015	0.02539
-0.0279	-0.04192	0.010157	0.037643	0.038239	0.015568	-0.02532	-0.03106	0.036906	0.013005
-0.03266	-0.01373	-0.06689	-0.02031	0.016659	-0.00297	-0.05221	-0.05773	0.001474	0.036557
-0.0229	-0.02571	-0.01406	0.04718	-0.00679	-0.05813	-0.02324	-0.01799	0.002053	0.042298
0.001147	-0.01791	-0.00934	0.079612	-0.01547	-0.07927	-0.04056	-0.00642	0.028348	-3.15E-04
-0.01994	-0.03226	-0.09244	-0.00381	-0.02343	-0.06493	-0.08871	-0.0853	-0.00306	-0.00804
-0.06028	-0.05518	-0.03136	-0.04015	-0.0334	-0.06043	-0.07143	-0.09244	-0.02804	0.035639
-0.06491	-0.07749	-0.0494	-0.00724	-0.01038	-0.06859	-0.04054	-0.0383	-0.02959	0.030356
-0.06823	-0.0959	-0.03798	0.021734	0.002677	-0.0614	-0.04682	-0.01986	-0.01299	0.038541
-0.02502	-0.06421	-0.04816	-0.0334	-0.02957	-0.03852	-0.02149	-0.04453	-0.04153	0.037808
0.00355	-0.03457	-0.02064	-0.01825	-0.0218	-0.04094	-0.02078	-0.05479	-0.05924	-0.02779
-0.03885	-0.05825	0.019119	0.009668	-0.00999	-0.05785	-0.05869	-0.05712	-0.00701	-0.00241
-0.0504	-0.02721	0.018028	-0.03137	-0.02194	-0.08134	-0.08473	-0.08185	-0.01547	0.069088
-0.02984	0.023225	0.051595	-0.02115	-0.00241	-0.04385	-0.05179	-0.03687	-0.0491	0.027116
-0.01682	0.004122	0.010179	-0.02008	0.002425	0.005162	0.002961	-0.0054	-0.04597	0.0029
-0.04896	0.008205	0.012677	-0.01497	-0.00551	-0.00125	-0.00349	0.025886	-0.00921	0.003468
-0.01962	-0.0278	0.03569	0.028581	0.009932	-0.01872	-0.0237	0.031665	0.012139	0.018825
-0.00307	-0.01755	0.05386	0.016915	-0.01365	-0.05859	-0.04205	0.019118	0.002997	0.036227
-0.01588	0.010605	0.053136	-0.00381	-0.00913	-0.05947	-0.04503	-0.01797	-0.03598	0.002051
-0.04124	-0.02504	0.007761	-0.00775	-0.00706	-0.05148	-0.05496	-0.02813	-0.02195	-0.0154
-0.01584	0.002032	0.032873	0.037093	-0.00656	-0.06023	-0.0858	-0.02325	-0.00621	0.015266
-0.03777	-0.04189	0.051499	0.059531	0.049223	-0.01473	-0.04459	-0.01147	-0.00258	0.027947
0.006609	0.014402	0.028703	-0.05804	0.035394	0.025737	-0.01274	0.009908	8.75E-04	0.035521
0.055464	0.070347	4.14E-04	-0.1239	-0.02051	0.003438	-0.03846	1.88E-04	0.00111	0.035169
0.041119	0.065396	0.018228	-0.13915	-0.1152	-0.02799	-0.06422	-0.02858	0.006904	0.023991
-0.00559	0.034087	0.045746	-0.12835	-0.14735	-0.05711	-0.05863	-0.05501	0.008468	0.036769
-0.03839	0.037434	0.06272	-0.08131	-0.09094	-0.02222	-0.02822	-0.02395	-0.00824	0.018848
0.005708	0.023137	0.041663	-0.04099	-0.03506	0.01866	-0.01644	0.003212	-0.01463	-0.00785
0.026624	0.028499	0.029547	-0.02639	-0.02549	-0.01949	-0.05773	-0.02576	0.029489	0.077085
0.013492	0.040254	0.003265	-0.05431	-0.0545	-0.05888	-0.0665	-0.00951	0.036627	0.077448
-0.01722	0.029194	-0.0192	-0.06683	-0.06347	-0.06182	-0.03722	0.002337	0.006536	0.018825
-0.0037	0.018671	-0.00811	-0.06335	-0.06227	-0.04375	-0.0328	-0.02073	-0.00425	0.009382
-0.02868	7.49E-04	-0.00288	-0.02103	-0.03819	-0.05864	-0.063	-0.0404	0.006579	0.067693
-0.03631	0.010154	0.012699	-0.0017	-0.00694	-0.06266	-0.04908	-0.01413	0.006796	0.110328
0.015722	0.046696	-0.00836	-0.05725	-0.04151	-0.02559	0.002982	0.040003	0.030724	0.067668
0.002825	0.061369	-0.04131	-0.0843	-0.04734	-0.01215	-0.01882	0.011626	0.026416	0.030264
0.045652	0.058576	-0.01616	-0.01639	0.005527	-0.00776	-0.04783	-0.01911	0.064432	0.11933

0.035713	0.034496	0.006264	-0.02941	-0.00338	-0.02551	-0.04648	0.002507	0.043107	0.121473
0.028675	0.03386	-0.02649	-0.09431	-0.03237	-0.02058	-0.03917	0.017857	-0.00992	0.053203
0.065307	0.034904	-0.06007	-0.09569	-0.03268	-0.01213	-0.01752	-0.00567	-0.00482	0.037359
0.02793	0.063256	-0.00889	-0.03635	-0.01821	-0.03681	-0.03476	-0.0111	0.058605	0.112231
0.056619	0.072596	0.032068	-0.01086	-0.00872	-0.01753	-0.00594	0.054498	0.100225	0.157452
0.084092	0.040254	0.010201	-0.03996	-0.03649	-0.00863	0.012899	0.071814	0.060759	0.106961
0.078685	0.022253	4.36E-04	-0.03416	-0.03806	-0.02446	-0.00962	0.041074	0.072476	0.115441
0.049878	0.026422	2.01E-04	-0.03127	-0.02816	-0.04165	-0.02384	-0.01474	0.04233	0.108322
0.066463	0.041013	-0.01259	-0.04755	3.43E-05	-0.01135	-0.00552	0.002593	0.032974	0.087851
0.057632	0.038028	-0.03839	-0.06146	-6.76E-04	0.037733	0.045893	0.066615	0.066591	0.111111
0.046687	0.032412	-9.30E-04	-0.02416	-0.00964	0.030347	0.028054	0.066418	0.063418	0.106546
0.066537	0.059657	0.048553	0.013342	0.012852	3.05E-04	-0.00929	0.064617	0.124547	0.208706
0.078711	0.077731	0.025749	0.006067	0.014989	0.00208	0.037551	0.095652	0.146679	0.300193
0.109241	0.072993	-0.00834	-0.0246	-0.0022	0.02049	0.06078	0.114866	0.085843	0.240152
0.088659	0.036908	0.024686	-0.02121	-0.01491	0.0393	0.046552	0.102526	0.105607	0.18333
0.062905	0.035495	0.066037	0.032396	0.016485	0.013432	0.054807	0.085954	0.176038	0.259324
0.058309	0.031825	0.041827	0.040244	0.036848	0.01265	0.082138	0.084406	0.134671	0.309635
0.078432	0.047865	0.023423	-0.00462	0.021729	0.0549	0.112978	0.107116	0.101894	0.276137
0.091052	0.044228	0.058035	0.021248	0.044703	0.086419	0.101008	0.110987	0.146828	0.237113
0.074573	0.037205	0.067455	0.035674	0.072727	0.067643	0.037782	0.091548	0.207458	0.309149
0.128736	0.075431	0.045651	0.009668	0.088715	0.069	0.079131	0.151215	0.25252	0.503955
0.125138	0.028029	0.018807	5.11E-04	0.061574	0.091542	0.138828	0.183187	0.217764	0.513107
0.063883	-0.04114	0.008674	-0.01346	0.028619	0.08342	0.112785	0.135983	0.144054	0.480475
0.048646	-0.01926	0.01961	0.022687	0.054382	0.069742	0.06956	0.096764	0.152006	0.541328
0.021283	0.011594	0.010748	0.02462	0.066079	0.058044	0.067453	0.080074	0.163576	0.571108
0.019002	0.017273	0.00247	0.002306	0.070188	0.079808	0.113335	0.117471	0.181643	0.546482
-0.01931	-0.01426	-0.02937	-0.0369	0.027437	0.075422	0.144725	0.153806	0.25359	0.671012
-0.00389	-0.01836	-0.02296	-0.02004	0.030993	0.048984	0.119618	0.140444	0.247247	0.683582
0.054337	1.82E-04	0.001548	0.029503	0.087972	0.072199	0.124694	0.104437	0.23355	0.812086
0.069679	0.024067	-0.00637	-0.00468	0.08392	0.08493	0.113885	0.138923	0.294612	1.090375
0.061855	0.086956	0.044184	0.010206	0.054785	0.091959	0.143516	0.2	0.41895	1.4099
0.065872	0.110048	0.091096	0.086672	0.078876	0.066634	0.156038	0.286982	0.566336	0.209475
0.139886	0.125248	0.092415	0.097574	0.083362	0.089854	0.176079	0.354805	0.691486	0.104737
0.165491	0.19194	0.161437	0.140521	0.097655	0.13728	0.200638	0.265861	0.583741	0.052369
0.120202	0.193476	0.216294	0.20944	0.1299	0.127813	0.210355	0.222701	0.4337	0.026184
0.100517	0.104545	0.163951	0.188836	0.119837	0.150462	0.284346	0.385331	0.679386	0.013092
0.055873	0.030789	0.085993	0.144231	0.120003	0.203771	0.314454	0.457137	1.147239	0.006546
0.048481	0.033634	0.037804	0.12004	0.13452	0.195096	0.257451	0.376864	1.235261	0.003273
0.036885	0.02389	0.069029	0.105336	0.083666	0.132078	0.229317	0.390877	1.631049	0.001637
0.004553	0.02003	0.094373	0.084647	0.062322	0.16026	0.329741	0.585919	0.195439	8.18E-04
-0.02988	-0.01616	0.041334	0.07941	0.091365	0.221414	0.394178	0.754833	0.097719	0
-0.0316	-0.03181	-0.0135	0.069097	0.103533	0.18617	0.327666	0.762621	0.04886	0
0.01759	0.039197	0.061956	0.06502	0.06208	0.149986	0.33796	0.858088	0.02443	0
0.060176	0.060235	0.112517	0.12453	0.091029	0.152943	0.32212	0.928874	0.012215	0
0.076082	0.019482	0.056599	0.135001	0.181108	0.249616	0.3311	0.873661	0.006107	0
0.096221	0.032435	0.013161	0.084672	0.177128	0.272493	0.368312	0.811018	0.003054	0
0.123646	0.054945	0.045011	0.078602	0.129054	0.1863	0.402922	0.85916	0.001527	0

0.117117	0.07052	0.119654	0.145229	0.156769	0.245516	0.493813	1.033867	7.63E-04	0
0.067475	0.041428	0.085136	0.147115	0.182856	0.277017	0.502343	1.21957	3.82E-04	0
0.061611	0.042075	0.049294	0.105417	0.196085	0.213036	0.446053	1.491012	1.91E-04	0
0.083144	0.103586	0.126683	0.14055	0.172531	0.245739	0.462685	2.032329	9.54E-05	0
0.082965	0.059489	0.113763	0.171158	0.160566	0.301047	0.483445	1.918428	4.77E-05	0
0.047937	0.008868	0.065813	0.150733	0.195986	0.332335	0.485641	1.557621	2.39E-05	0
-0.01141	0.019899	0.043806	0.100906	0.182601	0.293938	0.479276	1.923733	1.19E-05	0
-0.02852	2.03E-04	0.017006	0.083982	0.128351	0.242116	0.518035	0.239638	5.96E-06	0
0.023867	-0.00743	0.027201	0.120095	0.132842	0.239144	0.585868	0.119819	0	0
0.048504	0.003065	-0.00265	0.094921	0.14795	0.326529	0.619965	0.05991	0	0
0.043029	0.014728	0.010157	0.05941	0.159116	0.371822	0.707882	0.029955	0	0
0.032214	0.080044	0.120583	0.102449	0.135633	0.284582	0.811462	0.014977	0	0
0.043988	0.066714	0.123892	0.183729	0.168753	0.233334	0.545767	0.007489	0	0
0.061392	0.02047	0.043688	0.145641	0.196775	0.338726	0.466634	0.003744	0	0
0.047441	0.032774	0.029525	0.090699	0.16749	0.349763	0.645589	0.001872	0	0
0.048032	0.069067	0.079102	0.078526	0.073816	0.202425	0.639455	9.36E-04	0	0
0.084915	0.096459	0.140884	0.131995	0.074262	0.166617	0.516851	4.68E-04	0	0
0.073996	0.045716	0.103783	0.139998	0.192227	0.314622	0.532725	2.34E-04	0	0
0.038777	0.024732	0.080898	0.162444	0.253438	0.485726	0.904552	1.17E-04	0	0
0.021795	0.052619	0.107075	0.170066	0.230909	0.532541	2.769025	5.85E-05	0	0
0.053451	0.036429	0.110971	0.180975	0.248482	0.564667	0.548604	2.93E-05	0	0
0.064963	0.031848	0.071588	0.168326	0.279542	0.667053	2.836138	1.46E-05	0	0
0.032738	0.012305	0.019052	0.154111	0.267724	0.565363	0.237668	7.31E-06	0	0
-0.01508	0.003784	0.022545	0.127625	0.245565	0.475336	0.118834	0	0	0
-0.00707	0.031848	0.068054	0.115458	0.219843	0.543527	0.059417	0	0	0
0.031895	0.033339	0.100812	0.160064	0.271849	0.655839	0.029709	0	0	0
0.033903	0.015118	0.027087	0.107433	0.274005	0.605436	0.014854	0	0	0
0.019599	0.047818	0.033011	0.07486	0.188338	0.509524	0.007427	0	0	0
-0.01367	0.028454	0.11479	0.116999	0.13452	0.448591	0.003714	0	0	0
0.025232	0.032729	0.109293	0.113841	0.158844	0.580181	0.001857	0	0	0
0.038846	0.023358	0.041757	0.13351	0.250674	0.652985	9.28E-04	0	0	0
0.052925	0.038234	0.0382	0.136525	0.286563	0.681085	4.64E-04	0	0	0
0.087364	0.069461	0.09642	0.157939	0.244058	0.674859	2.32E-04	0	0	0
0.110848	0.076404	0.104787	0.18328	0.272241	0.82288	1.16E-04	0	0	0
0.125421	0.05314	0.041052	0.10181	0.270444	0.904208	5.80E-05	0	0	0
0.052901	0.029306	0.003351	0.015626	0.167736	0.684232	2.90E-05	0	0	0
-0.0232	0.039449	0.088263	0.138808	0.206656	0.695901	1.45E-05	0	0	0
0.019754	0.064762	0.118083	0.213275	0.341278	1.124522	7.25E-06	0	0	0
0.042539	0.056781	0.105086	0.166902	0.375188	1.732257	3.63E-06	0	0	0
0.006609	0.021658	0.062326	0.15124	0.446454	1.896207	1.81E-06	0	0	0
-0.01005	0.046043	0.144411	0.206484	0.498292	0.223227	9.07E-07	0	0	0
0.029308	0.063135	0.161963	0.248134	0.580405	0.111613	0	0	0	0
0.041072	0.038257	0.139557	0.255008	0.605124	0.055807	0	0	0	0
0.057367	0.036771	0.101809	0.250076	0.582638	0.027903	0	0	0	0
0.071795	0.102417	0.129147	0.262107	0.639646	0.013952	0	0	0	0
0.078863	0.12146	0.139057	0.22347	0.658851	0.006976	0	0	0	0
0.053834	0.095544	0.119683	0.194068	0.757284	0.003488	0	0	0	0

0.028427	0.070175	0.098477	0.251426	1.079609	0.001744	0	0	0	0
0.077445	0.11584	0.125114	0.293792	1.716264	8.72E-04	0	0	0	0
0.093773	0.135982	0.220139	0.388163	0.146896	4.36E-04	0	0	0	0
0.069332	0.103959	0.269305	0.464083	0.073448	0	0	0	0	0
0.044808	0.076279	0.205644	0.379202	0.210137	0	0	0	0	0
0.021328	0.082294	0.150405	0.346826	2.371985	0	0	0	0	0
-0.01259	0.077481	0.2275	0.472747	0.173413	0	0	0	0	0
0.011554	0.025532	0.248088	0.617114	0.086707	0	0	0	0	0
0.045042	0.027091	0.221665	0.669772	0.043353	0	0	0	0	0
0.099931	0.162222	0.25973	0.590904	0.021677	0	0	0	0	0
0.114246	0.229175	0.319781	0.784274	0.010838	0	0	0	0	0
0.072969	0.144905	0.336824	1.193026	0.005419	0	0	0	0	0
0.07583	0.132526	0.364033	1.015523	0.00271	0	0	0	0	0
0.172607	0.223842	0.37599	0.88163	0.001355	0	0	0	0	0
0.167975	0.271939	0.459029	1.316318	6.77E-04	0	0	0	0	0
0.128366	0.268774	0.676538	0.229514	3.39E-04	0	0	0	0	0
0.155878	0.247911	0.779558	0.114757	0	0	0	0	0	0
0.22837	0.328573	0.622574	0.057379	0	0	0	0	0	0
0.198975	0.37537	0.586029	0.028689	0	0	0	0	0	0
0.134261	0.362573	0.881458	0.014345	0	0	0	0	0	0
0.108344	0.254981	0.946149	0.007172	0	0	0	0	0	0
0.129505	0.306365	0.833812	0.003586	0	0	0	0	0	0
0.10905	0.326523	0.903961	0.001793	0	0	0	0	0	0
0.138778	0.304544	1.048585	8.97E-04	0	0	0	0	0	0
0.137615	0.261172	0.743577	4.48E-04	0	0	0	0	0	0
0.145526	0.290118	0.704259	2.24E-04	0	0	0	0	0	0
0.13501	0.330858	0.883738	1.12E-04	0	0	0	0	0	0
0.164625	0.313599	1.001362	5.60E-05	0	0	0	0	0	0
0.162991	0.285764	1.159162	2.80E-05	0	0	0	0	0	0
0.148314	0.262129	0.93114	1.40E-05	0	0	0	0	0	0
0.135184	0.348222	0.827454	7.00E-06	0	0	0	0	0	0
0.122467	0.332613	1.011543	3.50E-06	0	0	0	0	0	0
0.136861	0.236305	0.989952	1.75E-06	0	0	0	0	0	0
0.196042	0.282216	0.705557	8.76E-07	0	0	0	0	0	0
0.19844	0.411192	0.856522	4.38E-07	0	0	0	0	0	0
0.166731	0.368508	1.222709	2.19E-07	0	0	0	0	0	0
0.119115	0.329691	1.569349	1.09E-07	0	0	0	0	0	0
0.158581	0.308237	1.252201	5.47E-08	0	0	0	0	0	0
0.190728	0.301343	0.995408	2.74E-08	0	0	0	0	0	0
0.157881	0.418989	1.698392	1.37E-08	0	0	0	0	0	0
0.147125	0.473741	0.378273	6.84E-09	0	0	0	0	0	0
0.154276	0.337556	1.476339	3.42E-09	0	0	0	0	0	0
0.210118	0.326212	1.310928	1.71E-09	0	0	0	0	0	0
0.275648	0.456609	1.843873	8.55E-10	0	0	0	0	0	0
0.293483	0.564859	1.511606	4.28E-10	0	0	0	0	0	0
0.266646	0.577987	1.4461	2.14E-10	0	0	0	0	0	0
0.228728	0.63424	0.235192	1.07E-10	0	0	0	0	0	0

0.180674	0.470384	0.117596	0	0	0	0	0	0	0
0.269311	0.493859	0.058798	0	0	0	0	0	0	0
0.366898	0.732875	0.029399	0	0	0	0	0	0	0
0.332057	0.849589	0.0147	0	0	0	0	0	0	0
0.329882	0.734123	0.00735	0	0	0	0	0	0	0
0.425121	0.741575	0.003675	0	0	0	0	0	0	0
0.388701	0.875717	0.001837	0	0	0	0	0	0	0
0.275369	0.650996	9.19E-04	0	0	0	0	0	0	0
0.302089	0.501044	4.59E-04	0	0	0	0	0	0	0
0.372846	0.578226	2.30E-04	0	0	0	0	0	0	0
0.372846	0.681216	1.15E-04	0	0	0	0	0	0	0
0.307421	0.709166	5.74E-05	0	0	0	0	0	0	0
0.313429	0.709918	2.87E-05	0	0	0	0	0	0	0
0.388908	0.740075	1.44E-05	0	0	0	0	0	0	0
0.43751	1.054354	7.18E-06	0	0	0	0	0	0	0
0.338234	1.061783	3.59E-06	0	0	0	0	0	0	0
0.362978	1.011834	1.79E-06	0	0	0	0	0	0	0
0.471028	1.120163	8.97E-07	0	0	0	0	0	0	0
0.541732	1.504189	4.49E-07	0	0	0	0	0	0	0
0.536609	0.496318	2.24E-07	0	0	0	0	0	0	0
0.456026	1.494262	1.12E-07	0	0	0	0	0	0	0
0.510628	1.398369	5.61E-08	0	0	0	0	0	0	0
0.5064	1.578476	2.80E-08	0	0	0	0	0	0	0
0.434682	1.679024	1.40E-08	0	0	0	0	0	0	0
0.40769	1.5583	7.01E-09	0	0	0	0	0	0	0
0.448893	1.552276	3.50E-09	0	0	0	0	0	0	0
0.448477	1.329609	1.75E-09	0	0	0	0	0	0	0
0.367095	1.02518	8.76E-10	0	0	0	0	0	0	0
0.343939	0.970947	4.38E-10	0	0	0	0	0	0	0
0.421255	1.196767	2.19E-10	0	0	0	0	0	0	0
0.507079	1.060817	1.10E-10	0	0	0	0	0	0	0
0.486437	0.849145	5.48E-11	0	0	0	0	0	0	0
0.399655	0.762177	2.74E-11	0	0	0	0	0	0	0
0.331377	0.985705	1.37E-11	0	0	0	0	0	0	0
0.397537	1.677026	6.84E-12	0	0	0	0	0	0	0
0.477329	1.786381	3.42E-12	0	0	0	0	0	0	0
0.422149	1.351184	1.71E-12	0	0	0	0	0	0	0
0.442168	1.513664	8.56E-13	0	0	0	0	0	0	0
0.597258	0.515693	4.28E-13	0	0	0	0	0	0	0
0.589218	2.248979	2.14E-13	0	0	0	0	0	0	0
0.477774	1.024292	1.07E-13	0	0	0	0	0	0	0
0.427435	0.864831	5.35E-14	0	0	0	0	0	0	0
0.462234	1.027184	2.67E-14	0	0	0	0	0	0	0
0.504774	1.068113	1.34E-14	0	0	0	0	0	0	0
0.612671	0.808315	6.68E-15	0	0	0	0	0	0	0
0.672622	0.76976	3.34E-15	0	0	0	0	0	0	0
0.690603	1.370431	1.67E-15	0	0	0	0	0	0	0

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

s3820066, RMIT University

-0.05986	-0.03211	-0.03255	-0.03632	-0.00459	-0.0085	0.060133	0.032734	0.054415	0.062495
-0.05901	-0.03713	-0.02473	-0.03708	-0.03009	-0.04589	-0.03117	-0.01151	-0.06344	0.035363
-0.06378	-0.05135	-0.10916	-0.05832	-0.01653	-0.04207	-0.10887	-0.07269	-0.0612	0.018371
-0.14707	-0.09694	-0.11877	-0.13035	-0.13076	-0.07427	-0.09064	-0.09143	-0.1012	-0.04292
-0.1262	-0.08687	-0.08461	-0.15438	-0.18369	-0.07758	-0.03018	-0.01463	-0.1032	-0.05074
-0.10393	-0.09781	-0.11016	-0.14876	-0.14103	-0.14036	-0.07898	-0.03016	-0.09075	-0.09783
-0.19055	-0.15221	-0.15384	-0.15473	-0.12053	-0.14684	-0.09092	-0.13053	-0.11489	-0.08691
-0.15708	-0.19195	-0.15293	-0.14257	-0.06074	-0.08242	-0.09257	-0.13423	-0.08985	-0.06671
-0.21202	-0.19419	-0.20261	-0.1734	-0.11098	-0.1621	-0.13156	-0.12849	-0.09315	-0.09657
-0.22066	-0.1803	-0.23947	-0.22882	-0.11583	-0.15312	-0.09931	-0.11421	-0.09733	-0.06175
-0.19693	-0.19114	-0.21939	-0.22816	-0.17025	-0.19149	-0.14584	-0.15233	-0.12814	-0.12811
-0.1971	-0.16385	-0.18117	-0.179	-0.1886	-0.21168	-0.15784	-0.18418	-0.11107	-0.16237
-0.17637	-0.17707	-0.19915	-0.17749	-0.16628	-0.19666	-0.21379	-0.19947	-0.12316	-0.11256
-0.17494	-0.20872	-0.23272	-0.19886	-0.21172	-0.16982	-0.18346	-0.15466	-0.14919	-0.15438
-0.17093	-0.19651	-0.20806	-0.17343	-0.1857	-0.15174	-0.12179	-0.12191	-0.13783	-0.1533
-0.21282	-0.20722	-0.20582	-0.1961	-0.22766	-0.19346	-0.18577	-0.15636	-0.14038	-0.12539
-0.21496	-0.15986	-0.15193	-0.18923	-0.22302	-0.20124	-0.22157	-0.15374	-0.12181	-0.11477
-0.22195	-0.20645	-0.18755	-0.22636	-0.2101	-0.20556	-0.22323	-0.15381	-0.14295	-0.11647
-0.20147	-0.21989	-0.20644	-0.23396	-0.20358	-0.19126	-0.1823	-0.14658	-0.15832	-0.08902
-0.20025	-0.20131	-0.19347	-0.19358	-0.20752	-0.19798	-0.19095	-0.1715	-0.16758	-0.10145
-0.24185	-0.21812	-0.19644	-0.20542	-0.16253	-0.19316	-0.16057	-0.16034	-0.16296	-0.10515
-0.20288	-0.1864	-0.21143	-0.20943	-0.1678	-0.20808	-0.16524	-0.11955	-0.13867	-0.07146
-0.18567	-0.20162	-0.21529	-0.22047	-0.1906	-0.20673	-0.14102	-0.15746	-0.15342	-0.07574
-0.21849	-0.19911	-0.19031	-0.19254	-0.15126	-0.18985	-0.13246	-0.15308	-0.11981	-0.072
-0.18989	-0.16838	-0.17103	-0.15266	-0.17726	-0.19636	-0.14188	-0.15131	-0.08485	-0.04338
-0.16323	-0.1715	-0.13989	-0.12816	-0.18115	-0.14279	-0.08119	-0.09696	-0.01986	-0.0071
-0.16038	-0.18854	-0.15029	-0.14093	-0.15956	-0.10843	-0.06608	-0.08729	-0.01762	-0.00876
-0.16526	-0.15736	-0.16003	-0.12772	-0.12664	-0.09521	-0.12166	-0.09666	-0.05928	0.004917
-0.14652	-0.1631	-0.136	-0.11566	-0.14083	-0.1351	-0.14499	-0.12465	-0.10086	0.019793
-0.12067	-0.16265	-0.11312	-0.13623	-0.13236	-0.10634	-0.13771	-0.1229	-0.09915	-0.0248
-0.14421	-0.13797	-0.14942	-0.1705	-0.11396	-0.05504	-0.0702	-0.04204	-0.04307	-0.00938
-0.18518	-0.18005	-0.17304	-0.16681	-0.11435	-0.06135	-0.04372	-0.03136	-0.04987	-0.04286
-0.18136	-0.14341	-0.12273	-0.1316	-0.11379	-0.13908	-0.06207	-0.07675	-0.00886	0.064323
-0.19365	-0.11916	-0.11399	-0.14713	-0.1327	-0.15442	-0.10838	-0.12821	8.36E-04	0.090218
-0.15915	-0.113	-0.16489	-0.16593	-0.11191	-0.10759	-0.07501	-0.15701	-0.03497	0.019517
-0.18131	-0.13745	-0.17149	-0.17352	-0.13382	-0.10761	-0.04153	-0.09928	-0.0449	0.010051
-0.20162	-0.16092	-0.15369	-0.14085	-0.16011	-0.11439	-0.05795	-0.10962	-0.04389	0.036745
-0.16132	-0.12552	-0.11765	-0.12517	-0.13831	-0.06908	-0.09031	-0.07629	0.021848	0.061204
-0.13075	-0.13904	-0.11742	-0.11284	-0.13711	-0.09383	-0.08955	-0.06371	0.055517	0.064526
-0.11533	-0.18624	-0.13533	-0.06373	-0.09467	-0.09508	-0.08712	-0.05425	0.07739	0.116377
-0.14364	-0.1681	-0.14507	-0.09803	-0.11534	-0.09824	-0.08694	-0.02003	0.101566	0.164272
-0.12082	-0.16061	-0.1016	-0.13287	-0.12139	-0.11119	-0.09948	0.016303	0.125396	0.130842
-0.0933	-0.14298	-0.10677	-0.15989	-0.1375	-0.1129	-0.08135	-0.01157	0.020411	0.002991
-0.10654	-0.12651	-0.07201	-0.11062	-0.11639	-0.10114	-0.07206	-0.00525	-0.04842	-0.03307
-0.13075	-0.14118	-0.0818	-0.05809	-0.05233	-0.05787	-0.04039	0.047623	0.047954	0.032421
-0.12834	-0.11735	-0.13411	-0.12061	-0.06829	-0.06896	-0.00756	0.061529	0.068974	0.01748
-0.10884	-0.12811	-0.12909	-0.13003	-0.07773	-0.09533	-0.02356	0.051133	0.066213	0.039404

-0.13352	-0.12539	-0.10727	-0.14585	-0.08902	-0.0899	-0.01257	0.015059	0.082247	0.087928
-0.16156	-0.08089	-0.0824	-0.11845	-0.06018	-0.05869	-0.0192	0.010551	0.069544	0.055857
-0.14233	-0.09874	-0.08413	-0.09556	-0.06226	-0.06832	-0.04831	-0.0487	0.035939	-0.01002
-0.10632	-0.10597	-0.11673	-0.07545	-0.09008	-0.05277	-0.03314	-0.01577	0.037886	-0.03754
-0.09174	-0.09805	-0.1548	-0.10334	-0.09205	-0.04751	-0.02507	0.00221	0.053539	0.02513
-0.119	-0.10432	-0.12415	-0.08968	-0.08464	-0.05403	0.020468	0.022576	0.062576	0.060094
-0.12041	-0.07877	-0.06902	-0.03782	-0.05183	-0.05791	0.026951	0.030678	0.084763	0.035315
-0.07674	-0.10404	-0.04298	-0.05289	-0.03167	-0.00128	0.013522	0.044708	0.073476	0.083412
-0.05056	-0.10946	-0.06982	-0.07871	-0.01576	0.026688	0.077222	0.148971	0.103748	0.150745
-0.06982	-0.10521	-0.09953	-0.08162	-0.03265	-0.01891	0.058671	0.201489	0.104534	0.079021
-0.05203	-0.04678	-0.06658	-0.06611	-0.07652	-0.03867	0.073187	0.217724	0.125809	0.063967
-0.04319	-0.02123	-0.04915	-0.056	-0.03263	0.001175	0.090089	0.194098	0.140787	0.153548
-0.08316	-0.08781	-0.03271	-0.08881	-0.01177	0.050552	0.142163	0.148565	0.084522	0.203461
-0.04939	-0.07154	-0.03318	-0.06869	-0.02123	0.006888	0.08294	0.125302	0.096573	0.153486
-0.09573	-0.10412	-0.0547	-0.05834	0.029143	-0.00616	0.051068	0.111471	0.137562	0.172419
-0.07103	-0.07977	-0.01675	-0.08193	-0.00941	0.012906	0.093668	0.094767	0.092646	0.184128
-0.01937	0.006206	-0.04509	-0.12041	-0.0395	-0.03657	0.08041	0.111931	0.075127	0.169103
-0.07462	-0.00232	-0.0294	-0.02951	0.013667	-0.01209	0.096223	0.149191	0.150296	0.221497
-0.09933	-0.0377	-0.02529	0.029562	0.032703	0.051982	0.093721	0.102124	0.182355	0.301734
-0.10274	-0.06311	-0.09824	-0.04994	-0.00986	0.05153	0.124793	0.084337	0.126872	0.285048
-0.04268	-0.03913	-0.08334	-0.06209	-0.01065	0.035158	0.10973	0.111586	0.145084	0.273735
-0.04268	-0.02348	-0.04413	0.023264	0.0495	0.092932	0.158478	0.137814	0.18323	0.313495
-0.09711	-0.04022	-0.01657	0.034505	0.078524	0.161524	0.179104	0.107185	0.13172	0.299235
-0.09308	-0.03864	-0.06316	-0.00388	0.070884	0.178161	0.157794	0.118448	0.091091	0.218947
-0.08346	-0.00929	-0.04295	0.033441	0.107148	0.219345	0.203444	0.126995	0.080941	0.187123
-0.08146	-0.07012	-0.02377	0.024581	0.081639	0.220788	0.222034	0.074573	0.093604	0.273693
-0.05944	-0.0703	0.010802	0.034908	0.093838	0.186125	0.142853	0.045768	0.142408	0.456683
-0.07638	-0.08907	0.020403	0.034434	0.076896	0.138825	0.05986	0.055933	0.138837	0.433036
-0.08463	-0.11105	-0.02195	-0.03307	0.042011	0.173983	0.152173	0.14017	0.198271	0.393284
-0.04155	-0.05476	-0.04718	-0.07409	0.002616	0.184964	0.213752	0.209729	0.239261	0.435721
-0.04465	-0.0971	-0.03269	0.002849	0.047952	0.209272	0.175819	0.182546	0.256853	0.449954
-0.0711	-0.08511	-0.02932	-0.0564	0.045044	0.178867	0.123097	0.120965	0.240182	0.465629
-0.09379	-0.07201	0.014044	-0.09188	0.020196	0.136958	0.142613	0.147346	0.285251	0.620125
-0.07127	-0.09295	-0.00426	-0.00168	0.100788	0.174016	0.155469	0.163941	0.306863	0.734495
-0.02669	-0.09134	-0.03102	0.016465	0.090959	0.220047	0.182415	0.151452	0.281476	0.572102
-0.04477	-0.05898	0.004261	0.062119	0.161018	0.256322	0.175496	0.138058	0.264338	0.497544
-0.08723	-0.06405	-0.03021	0.029983	0.165398	0.223463	0.158603	0.150665	0.294158	0.727761
-0.10901	-0.06333	-0.01401	-0.02622	0.099875	0.149633	0.117933	0.159492	0.375017	1.370801
-0.05907	-0.02738	0.012627	0.009302	0.146903	0.156032	0.128962	0.187239	0.426618	1.71469
-0.01383	-0.02645	-0.00754	0.006163	0.147859	0.185613	0.163268	0.231777	0.419946	1.757701
-0.03304	0.018532	0.043855	0.069806	0.143315	0.23068	0.161666	0.230604	0.464302	0.416203
-0.02349	0.030162	-0.00491	0.039099	0.179008	0.211805	0.128584	0.185499	0.41246	1.916677
-0.05935	-0.00607	-0.03623	-0.00808	0.109656	0.111253	0.125601	0.191949	0.381985	1.489126
-0.08294	-0.05228	2.43E-04	-0.00286	0.095887	0.10824	0.146321	0.235124	0.484648	4.393435
-0.09493	-0.009	0.024411	0.020046	0.156178	0.182956	0.162513	0.231171	0.495293	0.417663
-0.06023	0.023111	0.08144	0.118223	0.211527	0.197457	0.162859	0.223856	0.350678	1.783575
-0.0444	0.005123	0.010412	0.04912	0.131833	0.160878	0.197511	0.276888	0.372146	1.660238

-0.02512	0.031771	-0.02493	0.034553	0.106418	0.187256	0.228461	0.275336	0.598703	0.186073
0.025922	0.053891	0.029383	0.103655	0.20553	0.253877	0.180085	0.180185	0.702138	0.093036
0.051842	0.080458	0.083767	0.10798	0.290253	0.263007	0.18978	0.207502	0.517619	0.305328
0.054912	0.082315	0.094938	0.162175	0.289953	0.222942	0.282369	0.404122	0.603906	2.118124
0.026907	0.028286	0.044464	0.127127	0.179207	0.202329	0.2386	0.371466	0.97784	0.301953
-0.01067	0.024037	0.022024	0.143521	0.196773	0.187187	0.183007	0.290074	1.243909	0.150976
-0.01848	-0.00267	-0.0141	0.144954	0.257905	0.171297	0.201171	0.351748	1.1806	0.075488
0.054057	0.047401	0.080599	0.218143	0.288074	0.162171	0.206667	0.458231	1.225708	0.037744
0.050799	0.036375	0.078592	0.247634	0.236759	0.199745	0.206911	0.439742	1.198364	0.018872
0.031794	-0.01929	0.074255	0.20298	0.208998	0.178027	0.215879	0.396416	1.023843	0.009436
0.040364	0.049865	0.10895	0.246282	0.220992	0.153645	0.174622	0.352448	1.009388	0.004718
0.089642	0.100669	0.097975	0.273612	0.24835	0.160717	0.146382	0.387487	1.22608	0.002359
0.098933	0.118679	0.193173	0.298192	0.179937	0.150136	0.186713	0.482711	1.459611	0.00118
0.038971	0.050418	0.209923	0.2507	0.149777	0.101545	0.194118	0.447765	1.483818	5.90E-04
2.32E-04	0.022052	0.135164	0.232283	0.262181	0.158465	0.176176	0.368238	1.604854	2.95E-04
-0.02529	-0.02587	0.118429	0.295852	0.292529	0.217613	0.208375	0.430844	0.184119	1.47E-04
0.046772	0.027944	0.192811	0.376965	0.257032	0.21137	0.271249	0.500559	0.307481	7.37E-05
0.132977	0.164198	0.249384	0.348438	0.241481	0.196685	0.314328	0.49365	1.744109	3.69E-05
0.072019	0.127541	0.218967	0.294256	0.260498	0.226568	0.3012	0.524492	1.777192	1.84E-05
0.008415	0.057564	0.197684	0.282364	0.216125	0.238057	0.266272	0.550688	0.262246	9.21E-06
0.028192	0.046519	0.184291	0.335795	0.190702	0.165322	0.265196	0.613254	0.131123	0
0.098689	0.137879	0.253989	0.390563	0.20181	0.123633	0.245051	0.588357	0.065561	0
0.080287	0.123513	0.272759	0.36876	0.242977	0.202791	0.264242	0.575797	0.032781	0
0.006858	0.029727	0.182162	0.269079	0.212028	0.254717	0.307912	0.739697	0.01639	0
0.023231	0.054522	0.195025	0.238487	0.140151	0.227357	0.325663	0.92475	0.008195	0
5.12E-04	-0.0249	0.136581	0.256267	0.147982	0.180113	0.295017	0.805149	0.004098	0
0.003913	0.019583	0.11555	0.287505	0.253593	0.246189	0.35495	0.752952	0.002049	0
0.058645	0.086969	0.187112	0.232321	0.229511	0.246385	0.445566	0.946981	0.001024	0
0.054619	0.098973	0.21171	0.258521	0.159113	0.163435	0.412207	1.143545	5.12E-04	0
0.069483	0.123485	0.25168	0.292494	0.144141	0.125652	0.347814	1.176287	2.56E-04	0
0.079718	0.040747	0.20661	0.293826	0.20188	0.172986	0.304325	0.975421	1.28E-04	0
0.052303	0.138673	0.272719	0.3219	0.220007	0.228223	0.351197	0.879209	6.40E-05	0
-0.03378	0.165449	0.31253	0.30037	0.222052	0.153487	0.35495	0.998709	3.20E-05	0
-0.04817	0.116239	0.260182	0.306837	0.254973	0.175917	0.419301	1.735278	1.60E-05	0
0.027572	0.148619	0.250135	0.310621	0.279841	0.301579	0.588352	0.209651	8.00E-06	0
0.055254	0.11237	0.286078	0.333479	0.318799	0.391594	0.735635	0.104825	0	0
0.06231	0.126709	0.316194	0.427102	0.374355	0.347074	0.786743	0.052413	0	0
0.074903	0.183087	0.341209	0.396353	0.366882	0.379361	0.818428	0.026206	0	0
0.007011	0.126795	0.237457	0.312638	0.344329	0.463621	0.860532	0.013103	0	0
-0.0386	0.123969	0.257916	0.278526	0.328514	0.478317	0.929913	0.006552	0	0
-0.01151	0.097578	0.294787	0.299367	0.314838	0.419539	0.982861	0.003276	0	0
0.030845	0.063615	0.257802	0.289077	0.343554	0.347124	1.004372	0.001638	0	0
0.041928	0.123286	0.260143	0.273448	0.320128	0.409985	1.161863	8.19E-04	0	0
-0.0326	0.08002	0.190345	0.1846	0.268042	0.5588	1.68699	4.09E-04	0	0
0.002935	0.088881	0.168296	0.200475	0.313887	0.711872	0.2794	2.05E-04	0	0
0.001549	0.107301	0.230462	0.253867	0.365097	0.630478	0.1397	0	0	0
-0.01302	0.069927	0.243527	0.241757	0.359233	0.621904	0.06985	0	0	0

0.023595	0.139174	0.224393	0.194822	0.343215	0.720801	0.034925	0	0	0
-0.01662	0.131403	0.184129	0.169188	0.210029	0.491174	0.219074	0	0	0
0.040151	0.132999	0.147996	0.176219	0.19958	0.403222	3.692364	0	0	0
0.011812	0.188964	0.174921	0.169867	0.243592	0.453818	0.201611	0	0	0
0.019835	0.224169	0.174194	0.124498	0.167007	0.442068	0.100806	0	0	0
0.098014	0.225569	0.112964	0.0821	0.13386	0.44059	0.050403	0	0	0
0.102274	0.147987	0.126504	0.132612	0.256992	0.50279	0.025201	0	0	0
0.12624	0.167206	0.196486	0.162366	0.28026	0.554705	0.012601	0	0	0
0.137982	0.225353	0.207393	0.17938	0.310642	0.734729	0.0063	0	0	0
0.208762	0.288042	0.199522	0.145198	0.293996	0.848598	0.00315	0	0	0
0.175952	0.263893	0.193933	0.132583	0.28769	0.682369	0.001575	0	0	0
0.095563	0.193283	0.201905	0.204308	0.386213	0.701104	7.88E-04	0	0	0
0.109451	0.221809	0.247996	0.249922	0.371712	0.821475	3.94E-04	0	0	0
0.177733	0.25777	0.245868	0.204063	0.293866	0.830882	1.97E-04	0	0	0
0.187876	0.246869	0.218652	0.18914	0.373784	1.035512	9.84E-05	0	0	0
0.108675	0.228963	0.211779	0.20312	0.460181	1.292861	4.92E-05	0	0	0
0.134238	0.200012	0.119821	0.13889	0.374771	1.367082	2.46E-05	0	0	0
0.112846	0.174242	0.110475	0.132286	0.329403	1.505896	1.23E-05	0	0	0
0.135207	0.116072	0.115412	0.177072	0.465023	0.397213	6.15E-06	0	0	0
0.160276	0.105798	0.110148	0.218324	0.526286	3.333659	3.08E-06	0	0	0
0.094758	0.092916	0.082717	0.192908	0.435315	2.061838	1.54E-06	0	0	0
0.152462	0.097525	0.106646	0.156808	0.470307	0.217657	7.69E-07	0	0	0
0.15461	0.100885	0.121328	0.213864	0.724554	0.108829	0	0	0	0
0.157759	0.082885	0.103441	0.271564	0.853321	0.054414	0	0	0	0
0.182135	0.122746	0.126447	0.261905	0.636152	0.027207	0	0	0	0
0.193694	0.171344	0.2419	0.313808	0.708551	0.013604	0	0	0	0
0.185062	0.201098	0.270545	0.352358	1.158632	0.006802	0	0	0	0
0.143104	0.187051	0.231002	0.412444	1.51034	0.003401	0	0	0	0
0.118188	0.183478	0.211814	0.452504	1.335864	0.0017	0	0	0	0
0.091421	0.152006	0.234217	0.411258	1.170173	8.50E-04	0	0	0	0
0.110867	0.087361	0.189559	0.418133	1.631786	4.25E-04	0	0	0	0
0.092699	0.039316	0.127694	0.437277	0.412201	2.13E-04	0	0	0	0
0.082158	0.072321	0.144679	0.40627	1.504689	1.06E-04	0	0	0	0
0.11579	0.104081	0.20437	0.390133	1.156738	5.31E-05	0	0	0	0
0.12211	0.052151	0.171329	0.394559	1.566427	2.66E-05	0	0	0	0
0.074621	0.016194	0.15098	0.374679	0.187339	1.33E-05	0	0	0	0
0.047757	0.030093	0.143765	0.377069	0.09367	0	0	0	0	0
0.088822	0.075211	0.205726	0.508534	0.046835	0	0	0	0	0
0.128146	0.091567	0.189592	0.49884	0.023417	0	0	0	0	0
0.150934	0.072574	0.155494	0.441185	0.011709	0	0	0	0	0
0.150568	0.089617	0.164574	0.379315	0.005854	0	0	0	0	0
0.164001	0.154533	0.247024	0.441125	0.002927	0	0	0	0	0
0.191444	0.167678	0.27686	0.567757	0.001464	0	0	0	0	0
0.178675	0.162049	0.247286	0.575669	0.264882	0	0	0	0	0
0.099122	0.166201	0.256196	0.528301	1.91639	0	0	0	0	0
-0.00678	0.145976	0.278423	0.508887	0.254443	0	0	0	0	0
-0.01757	0.122974	0.282335	0.566385	0.381665	0	0	0	0	0

0.029321	0.133726	0.275263	0.568647	2.59901	0	0	0	0	0
0.067062	0.13941	0.296877	0.625413	0.284323	0	0	0	0	0
-2.85E-04	0.103945	0.352061	0.8642	0.142162	0	0	0	0	0
-0.06032	0.046257	0.293081	0.905097	0.071081	0	0	0	0	0
-0.01283	0.088592	0.227131	0.697217	0.03554	0	0	0	0	0
-0.00981	0.101317	0.287798	0.863401	0.01777	0	0	0	0	0
-0.01348	0.039527	0.295038	1.425797	0.008885	0	0	0	0	0
0.028169	0.048931	0.225742	0.981578	0.004443	0	0	0	0	0
0.036456	0.133115	0.241458	0.763692	0.002221	0	0	0	0	0
0.026494	0.152462	0.337145	0.940606	0.001111	0	0	0	0	0
0.058275	0.105361	0.410149	1.184354	5.55E-04	0	0	0	0	0
0.145417	0.155879	0.429781	1.351014	2.78E-04	0	0	0	0	0
0.143734	0.190255	0.410095	1.211247	1.39E-04	0	0	0	0	0
0.13612	0.193349	0.392252	1.143541	6.94E-05	0	0	0	0	0
0.145477	0.211591	0.405175	1.533771	3.47E-05	0	0	0	0	0
0.143164	0.165668	0.369334	1.494492	1.74E-05	0	0	0	0	0
0.134825	0.19886	0.41866	1.618512	8.68E-06	0	0	0	0	0
0.100587	0.221311	0.511269	2.935494	4.34E-06	0	0	0	0	0
0.072783	0.202323	0.435392	0.168435	2.17E-06	0	0	0	0	0
0.030683	0.178836	0.336869	0.084217	0	0	0	0	0	0
0.033071	0.183772	0.45094	0.042109	0	0	0	0	0	0
0.071663	0.233481	0.635298	0.021054	0	0	0	0	0	0
0.119208	0.289664	0.667316	0.010527	0	0	0	0	0	0
0.142865	0.270543	0.640997	0.005264	0	0	0	0	0	0
0.178317	0.274349	0.738051	0.002632	0	0	0	0	0	0
0.144304	0.29499	0.786855	0.001316	0	0	0	0	0	0
0.109035	0.309143	0.674452	6.58E-04	0	0	0	0	0	0
0.171964	0.318262	0.604118	3.29E-04	0	0	0	0	0	0
0.183744	0.310803	0.666334	1.64E-04	0	0	0	0	0	0
0.120429	0.272622	0.770593	8.22E-05	0	0	0	0	0	0
0.042474	0.194352	0.719701	4.11E-05	0	0	0	0	0	0
0.074135	0.187183	0.592296	2.06E-05	0	0	0	0	0	0
0.102793	0.238564	0.589329	1.03E-05	0	0	0	0	0	0
0.078942	0.255067	0.778394	5.14E-06	0	0	0	0	0	0
0.057832	0.202972	0.770967	2.57E-06	0	0	0	0	0	0
0.110367	0.252802	0.635664	0.304067	0	0	0	0	0	0
0.138574	0.292634	0.608131	1.644726	0	0	0	0	0	0
0.136002	0.252381	0.638322	0.269704	0	0	0	0	0	0
0.073752	0.148529	0.539409	0.134852	0	0	0	0	0	0
0.084665	0.146486	0.450343	0.067426	0	0	0	0	0	0
0.112539	0.260372	0.582159	0.033713	0	0	0	0	0	0
0.097474	0.247663	0.623142	0.016857	0	0	0	0	0	0
0.095429	0.15769	0.491087	0.008428	0	0	0	0	0	0
0.121425	0.189626	0.487563	0.004214	0	0	0	0	0	0
0.114218	0.276932	0.577019	0.002107	0	0	0	0	0	0
0.09707	0.235536	0.664084	0.001054	0	0	0	0	0	0
0.062012	0.150068	0.586545	5.27E-04	0	0	0	0	0	0

0.06483	0.163574	0.516725	2.63E-04	0	0	0	0	0	0
0.072375	0.196533	0.52352	1.32E-04	0	0	0	0	0	0
0.035403	0.165355	0.467312	6.58E-05	0	0	0	0	0	0
0.080158	0.148047	0.525217	3.29E-05	0	0	0	0	0	0
0.107514	0.186821	0.60985	1.65E-05	0	0	0	0	0	0
0.068675	0.215193	0.690121	8.23E-06	0	0	0	0	0	0
0.053204	0.160003	0.609162	4.12E-06	0	0	0	0	0	0
0.11095	0.168623	0.499822	2.06E-06	0	0	0	0	0	0
0.124514	0.257537	0.612788	1.03E-06	0	0	0	0	0	0
0.074903	0.240272	0.759513	5.14E-07	0	0	0	0	0	0
0.059682	0.178481	0.605139	2.57E-07	0	0	0	0	0	0
0.081144	0.222702	0.512782	1.29E-07	0	0	0	0	0	0
0.11134	0.223417	0.567697	6.43E-08	0	0	0	0	0	0
0.102465	0.167929	0.48201	3.22E-08	0	0	0	0	0	0
0.074596	0.189725	0.499355	1.61E-08	0	0	0	0	0	0
0.042783	0.18946	0.587853	8.04E-09	0	0	0	0	0	0
0.071739	0.117976	0.368296	0.118345	0	0	0	0	0	0
0.063456	0.077123	0.23669	1.514759	0	0	0	0	0	0
0.031887	0.114927	0.372264	1.406417	0	0	0	0	0	0
0.067767	0.207432	0.426324	1.571217	0	0	0	0	0	0
0.05501	0.226794	0.493781	0.213162	0	0	0	0	0	0
0.060945	0.180583	0.663012	0.106581	0	0	0	0	0	0
0.092699	0.173508	0.702202	0.053291	0	0	0	0	0	0
0.089748	0.241763	0.80187	0.026645	0	0	0	0	0	0
0.121112	0.269229	0.885393	0.013323	0	0	0	0	0	0
0.090863	0.193149	0.750491	0.006661	0	0	0	0	0	0
0.088743	0.185736	0.721034	0.003331	0	0	0	0	0	0
0.132129	0.245549	0.814101	0.001665	0	0	0	0	0	0
0.131021	0.231143	0.611749	8.33E-04	0	0	0	0	0	0
0.062161	0.216988	0.445125	4.16E-04	0	0	0	0	0	0
0.086475	0.245549	0.554458	2.08E-04	0	0	0	0	0	0
0.146714	0.321166	0.966795	1.04E-04	0	0	0	0	0	0
0.138782	0.315467	1.064843	5.20E-05	0	0	0	0	0	0
0.098743	0.255606	0.890129	2.60E-05	0	0	0	0	0	0
0.124256	0.261855	0.867416	1.30E-05	0	0	0	0	0	0
0.12673	0.253185	0.955197	6.51E-06	0	0	0	0	0	0
0.090279	0.2828	1.107101	3.25E-06	0	0	0	0	0	0
0.066308	0.316396	1.086747	1.63E-06	0	0	0	0	0	0
0.149715	0.292634	1.262219	8.13E-07	0	0	0	0	0	0
0.174984	0.369669	2.26408	4.07E-07	0	0	0	0	0	0
0.152462	0.472618	0.184835	2.03E-07	0	0	0	0	0	0
0.130089	0.484074	0.092417	0	0	0	0	0	0	0
0.167599	0.429596	0.046209	0	0	0	0	0	0	0
0.247939	0.484988	0.023104	0	0	0	0	0	0	0
0.262758	0.682879	0.011552	0	0	0	0	0	0	0
0.223327	0.706387	0.005776	0	0	0	0	0	0	0
0.263706	0.698409	0.002888	0	0	0	0	0	0	0

[illegible]

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

0.050983	0.079065	0.2059	0.690512	0	0	0	0	0	0
0.002513	0.056715	0.103772	0.458763	0	0	0	0	0	0
0.044668	0.094567	0.096024	0.29797	0.092887	0	0	0	0	0
-0.00848	0.090908	0.138873	0.185773	2.346077	0	0	0	0	0
-0.07869	0.031733	0.087063	0.280746	1.522437	0	0	0	0	0
-0.0911	0.016447	0.0924	0.333697	1.214454	0	0	0	0	0
-0.05478	0.05595	0.110474	0.222049	1.26057	0	0	0	0	0
-0.05581	0.023078	0.140298	0.272068	1.556624	0	0	0	0	0
-0.09099	0.01524	0.114522	0.320567	1.739954	0	0	0	0	0
-0.0542	-0.00168	0.09019	0.377302	0.160284	0	0	0	0	0
-0.06939	-0.01175	0.106846	0.490561	0.080142	0	0	0	0	0
-0.049	0.019176	0.055875	0.437396	0.040071	0	0	0	0	0
-0.04033	0.052703	0.082817	0.571631	0.020035	0	0	0	0	0
-0.05178	4.92E-04	0.15439	0.801683	0.010018	0	0	0	0	0
-0.07831	-0.00219	0.299787	1.093021	0.005009	0	0	0	0	0
-0.04524	-0.00726	0.284927	1.068214	0.002504	0	0	0	0	0
-0.01349	-0.04131	0.220688	1.406698	0.001252	0	0	0	0	0
-0.03418	-0.05883	0.15844	1.028661	6.26E-04	0	0	0	0	0
-0.05499	0.013181	0.202921	0.682891	3.13E-04	0	0	0	0	0
-0.02835	0.125418	0.212256	0.629061	1.57E-04	0	0	0	0	0
-0.02025	0.138277	0.204941	0.563931	7.83E-05	0	0	0	0	0
-0.00537	0.108021	0.200436	0.46926	3.91E-05	0	0	0	0	0
8.12E-05	0.050233	0.154095	0.356604	1.96E-05	0	0	0	0	0
1.90E-04	0.113365	0.184129	0.315814	9.78E-06	0	0	0	0	0
-0.02349	0.043797	0.123311	0.341396	4.89E-06	0	0	0	0	0
0.047096	0.029212	0.047826	0.303477	2.45E-06	0	0	0	0	0
-0.00945	-0.01293	0.047365	0.261266	1.22E-06	0	0	0	0	0
0.003018	0.037772	0.110622	0.338554	0.130634	0	0	0	0	0
0.138697	0.022087	0.11695	0.26877	1.087246	0	0	0	0	0
0.098453	0.045956	0.153048	0.298415	0.896521	0	0	0	0	0
0.03351	0.071346	0.238576	0.529624	1.646072	0	0	0	0	0
0.020908	0.080303	0.231943	0.688102	0.22628	0	0	0	0	0
0.084462	0.141365	0.165107	0.45256	0.268329	0	0	0	0	0
0.047339	0.088075	0.156163	0.310379	1.30396	0	0	0	0	0
0.043195	0.061279	0.169022	0.382567	1.567262	0	0	0	0	0
0.051696	0.075561	0.148756	0.481033	0.191283	0	0	0	0	0
0.070472	0.096911	0.117432	0.470383	0.095642	0	0	0	0	0
0.056793	0.122054	0.234852	0.54885	0.047821	0	0	0	0	0
0.048314	0.094901	0.32774	0.868911	0.02391	0	0	0	0	0
0.12497	0.149754	0.433598	1.686497	0.011955	0	0	0	0	0
0.141622	0.13186	0.42325	1.661135	0.005978	0	0	0	0	0
0.108092	0.147327	0.399099	1.49581	0.002989	0	0	0	0	0
0.072841	0.189334	0.414214	1.817617	0.001494	0	0	0	0	0
0.076498	0.224623	0.397203	1.620964	7.47E-04	0	0	0	0	0
0.101173	0.196595	0.371549	3.329471	3.74E-04	0	0	0	0	0
0.065745	0.197124	0.500818	0.185774	1.87E-04	0	0	0	0	0
0.053495	0.15484	0.602065	0.092887	0	0	0	0	0	0

0.079556	0.177821	0.630935	0.046444	0	0	0	0	0	0
0.117665	0.195927	0.652577	0.023222	0	0	0	0	0	0
0.140806	0.245034	0.70483	0.011611	0	0	0	0	0	0
0.136987	0.335792	1.015417	0.005805	0	0	0	0	0	0
0.148207	0.375429	1.602874	0.002903	0	0	0	0	0	0
0.118037	0.292392	0.146196	0.001451	0	0	0	0	0	0
0.148576	0.317555	0.073098	0	0	0	0	0	0	0
0.257489	0.466629	0.036549	0	0	0	0	0	0	0
0.353888	0.568406	0.018274	0	0	0	0	0	0	0
0.244719	0.580166	0.009137	0	0	0	0	0	0	0
0.252852	0.714495	0.004569	0	0	0	0	0	0	0
0.408259	0.934709	0.002284	0	0	0	0	0	0	0
0.441056	1.108047	0.001142	0	0	0	0	0	0	0
0.453347	1.828884	5.71E-04	0	0	0	0	0	0	0
0.635911	0.226674	2.86E-04	0	0	0	0	0	0	0
0.722929	0.113337	0	0	0	0	0	0	0	0
0.675637	0.056668	0	0	0	0	0	0	0	0
0.714926	0.028334	0	0	0	0	0	0	0	0
0.801514	0.014167	0	0	0	0	0	0	0	0
0.810878	0.007084	0	0	0	0	0	0	0	0
0.673264	0.003542	0	0	0	0	0	0	0	0
0.670596	0.001771	0	0	0	0	0	0	0	0
0.934978	8.85E-04	0	0	0	0	0	0	0	0
0.949119	4.43E-04	0	0	0	0	0	0	0	0
0.830088	2.21E-04	0	0	0	0	0	0	0	0
1.009453	1.11E-04	0	0	0	0	0	0	0	0
2.178513	5.53E-05	0	0	0	0	0	0	0	0
0.196642	2.77E-05	0	0	0	0	0	0	0	0
0.098321	0	0	0	0	0	0	0	0	0
0.245802	0	0	0	0	0	0	0	0	0
3.072217	0	0	0	0	0	0	0	0	0
0.224977	0	0	0	0	0	0	0	0	0
0.112488	0	0	0	0	0	0	0	0	0
0.056244	0	0	0	0	0	0	0	0	0
0.028122	0	0	0	0	0	0	0	0	0
0.014061	0	0	0	0	0	0	0	0	0
0.007031	0	0	0	0	0	0	0	0	0
0.003515	0	0	0	0	0	0	0	0	0
0.001758	0	0	0	0	0	0	0	0	0
8.79E-04	0	0	0	0	0	0	0	0	0
4.39E-04	0	0	0	0	0	0	0	0	0
2.20E-04	0	0	0	0	0	0	0	0	0
1.10E-04	0	0	0	0	0	0	0	0	0
5.49E-05	0	0	0	0	0	0	0	0	0
2.75E-05	0	0	0	0	0	0	0	0	0
1.37E-05	0	0	0	0	0	0	0	0	0
6.87E-06	0	0	0	0	0	0	0	0	0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0